

Greetings from the President

1

Welcome to the 81st annual convention of the Rocky Mountain Psychological Association! I am delighted to report that we have an outstanding docket of scholarly presentations. Indeed, RMPA Program Chair, Diane Martichuski, reported that she received a record breaking 317 submissions representing Alaska, Alberta, Arizona, Calgary, California, Colorado, Idaho, Illinois, Kansas, Montana, Nebraska, Nevada, New Mexico, New York, North Carolina, Tennessee, Texas, Utah, Washington, Wisconsin, and Wyoming. We also have a superlative group of internationally renowned invited speakers beginning with Barney Beins who will give the Wertheimer-Portenier Teaching Conference Invited Address on Thursday entitled, *Would People Sooner Die than Think? Critical Thinking in Psychology*. David Strayer will discuss his work on driver distraction to launch the RMPA conference at 5:00 PM on Thursday. Friday morning Carol Tavis will interview Elizabeth Loftus to create an official APS videotape. Immediately after, Christian Zimmerman will present the President's Symposium, *Prescient Models in Neuroscience, Neurosurgery, and Behavioral Medicine*. At 1:00 PM Elizabeth Loftus will give the Psi Chi Distinguished Lecture, *Manufacturing Memories*. Next, Hazel Markus will give the APA G. Stanley Hall Lecture, *Does Choice Mean Freedom and Well Being?* On Saturday morning, RMPA Distinguished Invited Speaker, Henry Ellis will present, *A Psychologist's Adventure in International Consulting*. Thursday afternoon Eric Amsel will give the Past President's Address, *Psychology Students' Understanding of the Scientific Foundation of the Discipline*. Immediately after, the Diversity Invited Address will feature Warren Blumenfeld discussing *Homophobia: How We all Pay the Price*. There will be so many interesting sessions occurring at the same time, it will certainly be difficult to decide which session to attend.



Please join us for the many social opportunities that will be available throughout the conference. The first will occur on Thursday at 6:00 PM for the RMPA Kick-off Reception and teaching posters. We will end on Saturday at 5:30 PM with the President's Reception and Awards Ceremony. Nancy Karlin, Convention Coordinator, has selected lots of delicious food for our enjoyment at these receptions. The Executive Committee and I are eager to meet you, so be sure to introduce yourself if you don't know us already.

We all owe a special thank you to the RMPA Executive Committee (Eric Amsel, Layton Curl, Nancy Karlin, Diane Martichuski, Rick Miller, Bob Rycek, Cheryl Sanders, and William Woody) and the Co-convention Managers (David and Barb Shwalb) for the many hours of diligent contributions required to make this conference possible. We also need to recognize Eric Landrum for his excellent association with the RMPA EC representing Psi Chi.

Finally, I want to thank the best husband in the world, Greg Seibert, for spending his birthday once again at RMPA.

Best Regards!

Pennie S. Seibert, RMPA President

Greetings From Southern Utah University

On behalf of the Southern Utah University (SUU) Psychology Department, I welcome you to Utah for the 81st Annual Convention of the RMPA in Salt Lake City. Although SUU is located 250 miles south of Salt Lake on I-15, we are thrilled and proud to be the host university this year, and look forward to a wonderful program and exciting networking opportunities.

SUU is located in beautiful Cedar City, within a few hours' drive of ten National Parks, National Monuments, or National Recreation Areas. Cedar City is an outdoor paradise which houses regional offices of the Bureau of Land Management, the United States Forest Service, and the Utah Division of Wildlife Resources, with millions of acres of public land at our doorstep. Cedar City also hosts the Tony Award winning Utah Shakespearean Festival, where world renowned actors, directors, dancers, and musicians perform every June through October. With world-class mountain biking, skiing, hiking, fishing, sporting events, and cultural arts both on and within a few minutes of campus, Cedar City is both worth a visit and is a great place to live.



SUU is one of 8 public institutions in the Utah System of Higher Education. With approximately 8,000 students, SUU maintains its commitment to a high quality personalized educational experience for every student. Within the SUU College of Humanities & Social Sciences, our Psychology Department consists of 7 full-time faculty members, with two instructors, and one visiting professor. We have approximately 325 majors, and graduate 70-90 students per year. Through the years we have built a culture that values undergraduate research and scholarship, and we support RMPA's commitment to provide a rich and supportive forum for students to present their scholarly work. We also value the opportunities that RMPA provides students and professionals to glean information about cutting edge research and scholarly activities in the field of psychology. Each year 25-45 students from SUU travel to RMPA.

We are a small program, but we are devoted and dedicated to student learning and meaningful educational experiences; coming to RMPA has become a highlight of our academic year. We hope you have a great time this week in Salt Lake City!

Sincerely yours,

Steve Barney, Ph.D., Chair
Department of Psychology

PROGRAM

Eighty-First Annual RMPA Convention

Table of Contents

Conference Layout	Inside Back Cover
Greetings from the RMPA President	1
Greetings from our Sponsoring University	2
General Information	4
RMPA Executive Committee	6
2011 Program Review Committee	7
2011 Utah Local Committee and other thanks	8
Summary of Events	9
Pre-Convention Activities	15
Portenier/Wertheimer Conference Activities	16
<i>Descriptions of Main Conference Presentations and Activities</i>	
Thursday	26
Friday	34
Saturday	72
RMPA Early Career Awards	60
2011 Psi Chi Award Recipients	137
2011 RMPA Student Paper Award Finalists	138
Distinguished Service Award Recipients	141
RMPA Convention Sites	142
Past Presidents of RMPA	143
Condensed Daily Programs	145
Index of Participants	148

GENERAL INFORMATION

Location:

All regular meetings will be held at the Radisson Hotel – Salt Lake City Downtown (801-531-7500). Most meetings are on the 2nd level, although some are on the third floor. Please consult the hotel wall reader boards in the 2nd Level hallway for each day's events with rooms and times.

Information and Messages:

A bulletin board for messages and announcements is also located in the 2nd Level hallway, near the registration tables. Please feel free to use it to communicate with your colleagues.

Internet Access:

There is free wireless internet access throughout the hotel. In addition, there is a new business center in the Radisson main lobby with six computers and six printers.

Handicapped Access:

All conference rooms at the Radisson Hotel are handicapped accessible. The restaurant and lavatories are also accessible. Persons needing special accommodations should stop at the registration tables.

Exhibitors:

The exhibits are all located in the Wasatch 1 and Wasatch 2 rooms on the 2nd Level, along with the poster sessions. A list of all exhibitors is provided in the program. Exhibitors provide support for the RMPA convention and the best way to say “thank you” is with your patronage.

Smoking:

The Radisson Hotel is a 100% smoking-free hotel.

Registration:

On-site registration will begin at 7:00 p.m. on Wednesday. The registration desk is located in the hotel 2nd Level hallway. Admission to the convention sessions is only available to those who register. **Please wear your identification badge to ensure admission to the scheduled program activities.** Registration times are as follows:

Wednesday: 7:00 pm – 10 pm
 Thursday: 10:00 am – 7:30 pm
 Friday: 7:30 am – 7:30 pm
 Saturday: 7:30 am - 1:30 pm

Getting Around in the Salt Lake City Area:

There is ample public transportation (UTA at www.rideuta.com or 888/801-RIDEUTA/743-3882) in and out of the downtown hotel area and throughout Salt Lake City/County. By calling the UTA, you can ask an operator how to get from any point-to-point in the city. The light rail (TRAX) station to destinations throughout Salt Lake City is a two-minute walk from the Radisson Hotel, and several bus stops are just as close by. The Downtown Salt Lake City area is also a “UTA Free Fare Zone.” Otherwise, your best bet is a taxi or rental car.

On-site registration fees are:

Lifetime members:	\$75.00
Members:	
Dues paid:	\$75.00
Dues not paid:	\$105.00
Non-members:	\$125.00
Students/Affiliates* (members):	
Dues paid:	\$55.00 (student ID required on-site)
Dues not paid:	\$70.00 (student ID required on-site)
Students/Affiliates (non-members):	\$80.00 (student ID required on-site)
Dependents/sig. others**	\$45.00
	*students, high schoolteachers, and non-PhD attendees
	**not psychologists or psychology students

Membership:

The yearly dues are \$30.00 for members and \$15.00 for affiliates which includes undergraduate and graduate students as well as secondary school teachers. Non-members who register at the meeting and who wish to join RMPA can get an application form at the registration tables. Member application forms can be obtained at any time during the year from the RMPA website at <http://www.rockymountainpsych.org>. There is no geographical restriction on membership.

Convention Protocol

The majority of papers presented at RMPA are authored by students. For some of you, this may be your first convention. Welcome aboard! To fully appreciate the experience, here are some guidelines you might find useful.

- We will try to maintain the program schedule. If presenters are absent, the session will not move other presenters forward in the timetable. Thus, you are assured that you get to hear what you were expecting to hear.
 - Enter and exit in-progress sessions quietly and inconspicuously.
 - When you are in an area where a session is not occurring, other sessions may be going on nearby. Please keep the noise down, even in hallways.
 - Always respect others' opinions. Questions can challenge, but should not confront or demean. Constructive criticism is good, but remember what you learned in kindergarten about common courtesy and good manners.
 - Mingle. It is always difficult to introduce yourself to “strangers,” but all of the participants are interested in Psychology and have a lot in common. This is an opportunity to grow in your chosen field by discussing topics of interest and making contacts with persons at other institutions.



RMPA Executive Committee 2010-2011

President:

PENNIE SEIBERT
 INI Director of Research
 Saint Alphonsus Regional
 Medical Center
 1055 North Curtis Road
 Boise, ID 83706
 pennieseibert@boisestate.edu

President-Elect:

WILLIAM DOUGLAS WOODY
 School of Psychological Sciences
 University of Northern Colorado
 Greeley, CO 80639
 William.Woody@unco.edu

Past-President:

ERIC AMSEL
 Department of Psychology
 Weber State University
 Ogden, UT 84408-1202
 eamsel@weber.edu

Secretary:

ROBERT RYCEK
 Department of Psychology
 University of Nebraska at Kearney
 Kearney, NE 68849-5140
 rycekr@unk.edu

Treasurer:

CHERYL E. SANDERS
 Metro State College of Denver
 Department of Psychology, Box 54
 Denver, CO 80217-3362
 sandersc@mscd.edu

Diversity Council Chair:

LAYTON CURL
 Metro State College of Denver
 Department of Psychology, Box 54
 Denver, CO 80217-3362
 lcurl@mscd.edu

Program Chair:

DIANE MARTICHUSKI
 Department of Psychology, 345 UCB
 University of Colorado at Boulder
 Boulder, CO 80309-0345
 diane.martichuski@colorado.edu

Archivist/Historian:

RICK MILLER
 Department of Psychology
 University of Nebraska at Kearney
 Kearney, NE 68849
 millerrl@unk.edu

Convention Coordinator:

NANCY KARLIN
 School of Psychological Sciences
 University of Northern Colorado
 Greeley, CO 80639
 nancy.karlin@unco.edu

Convention Manager:

DAVID SHWALB
 Department of Psychology
 Southern Utah University
 351 W. Center St. GC 308
 Cedar City, UT 84720
 shwalb@suu.edu

and

BARBARA SHWALB
 Department of Psychology
 Southern Utah University
 351 W. Center St. GC 308
 Cedar City, UT 84720
 shwalbb@suu.edu

THE PROGRAM COMMITTEE

Each of the 317 contributed abstracts was read by the Program Chair and one of the 38 distinguished psychologists, who served as reviewers. We would like to express our appreciation to them for their assistance in putting together this outstanding program.

Todd Allen	University of Northern Colorado
Eric Amsel	Weber State University
Susan Becker	Mesa State College
Krista D. Bridgmon	Colorado State University-Pueblo
Stephen Buggie	University of New Mexico, Gallup
Mary Jo Carnot	Chadron State College
Scott Cohn	Western State College of Colorado
Layton Seth Curl	Metropolitan State College of Denver
Steven M. Elias	New Mexico State University
Krista Forrest	University of Nebraska Kearney
Azenett Garza	Weber State University
Winford Gordon	Western Carolina University
Lisa Hagan	Metropolitan State College of Denver
Lesley Hathorn	Metropolitan State College of Denver
Myra Heinrich	Mesa State College
Jeannine Klein	University of Nevada, Las Vegas
Peter L. Kranz	University of Texas Pan American
Pat Levy	Colorado State University - Pueblo
Suzanne Little	Central Washington University
Britton Mace	Southern Utah University
Frederick V. Malmstrom	University of the Rockies
Diane Martichuski	University of Colorado Boulder
Rona McCall	Regis University
Richard Miller	University of Nebraska Kearney
Maura Pilotti	New Mexico Highlands University
Barton Poulson	Utah Valley University
Shawn Powell	Casper College
Kevin Pugh	University of Northern Colorado
Chrislyn Randell	Metropolitan State College of Denver
Aaron Richmond	Metropolitan State College of Denver
Anna Ropp	Metropolitan State College of Denver
Cheryl Sanders	Metropolitan State College of Denver
Robert Schatz	Metropolitan State College of Denver
N. Clayton Silver	University of Nevada, Las Vegas
Garrett L. Strosser	Southern Utah University
Lynn White	Southern Utah University
William Douglas Woody	University of Northern Colorado
Bill Wozniak	University of Nebraska Kearney

RMPA WOULD LIKE TO THANK...

Thanks to the following members of the **UTAH LOCAL COMMITTEE** for their encouragement of student submissions and attendance, help with publicity, and support of special events and exhibits:

Laura M. Bennett Murphy, Westminster College of Salt Lake City
 Cynthia Berg, University of Utah Psychology
 Robert Carlson, Dixie State College
 Larry Christensen, Salt Lake Community College
 Melanie Domenech Rodríguez, Utah State University
 Heath Earl, College of Eastern Utah
 Azenett Garza, Weber State University
 Angela Hicks, Westminster College of Salt Lake City
 Ramona Hopkins, Brigham Young University
 Danelle Larsen-Rife, Dixie State College
 Britt Mace, Southern Utah University
 Nick Marsing, Snow College
 Gretchen Peacock, Utah State University
 Bart Poulsen, Utah Valley University
 Melinda Russell-Stamp, Weber State University
 Jeanine Stefanucci, University of Utah Psychology
 David Lee Strayer, University of Utah Psychology
 Garrett Strosser, Southern Utah University
 Kristin H. Whitlock, Utah Teachers of Psych in Secondary Schools
 Niwako Yamawaki, Brigham Young University

We would also like to thank several folks from Southern Utah University for their generosity: **Drs. Jim H. McDonald** (Dean of College of Humanities & Social Sciences), **Bradley J. Cook** (Provost), the **SUU Student Association** (SUUSA), and **SUU Psi Chi chapter**, for their support of the volunteers, and the **Undergraduate Research and Scholarship Program (UGRASP)** and the **Gerald R. Sherratt University Library** for their loan of audiovisual equipment. The **Psychology Departments of Weber State University and Metropolitan State College of Denver** also assisted with equipment loans to the conference.

Finally, we thank the **University of Utah Psychology Department** for the restaurant guide handout; **ImagePro Printing & Copying** of Cedar City, Utah, for printing the conference program; **Cengage Learning** for the registrant bags and handouts; and the **Salt Lake Convention and Visitors Bureau** for registrant bag goodies, handouts, and general support.

SUMMARY OF EVENTS

Invited Addresses

Barney Beins.....Thursday, 2:00 pm
Would People Sooner Die than Think? Critical Thinking in Psychology

David Strayer.....Thursday, 5:00 pm

President's Symposium - Christian Zimmerman.....Friday, 10:20 am
Prescient Models in Neuroscience, Neurosurgery, and Behavioral Medicine

Elizabeth Loftus.....Friday, 1:00 pm
Manufacturing Memories

Hazel Rose Markus.....Friday, 3:20 pm
The Bumpy Road Toward a Scientifically Principled Clinical Psychology

Henry Ellis.....Saturday, 10:20 am
A Psychologist's Adventure in International Consulting

James B. Worthen.....Saturday, 1:00 pm
Is There a Place for Mnemonics in Modern Psychology?

Eric Amsel.....Saturday, 1:00 pm
Psychology Students' Understanding of the Scientific Foundation of the Discipline

Warren Blumenfeld.....Saturday, 2:10 pm
Homophobia: How We All Pay The Price

RMPA

Executive Committee Meeting.....Thursday, 8:00 am

Portenier/Wertheimer Teaching Conference.....Thurs, 12-5 pm

Teaching Conference Invited Address: Beins.....Thurs, 2:00 pm

Student Pre-Conference.....Thursday, 1-5 pm

RMPA Kickoff Speaker:David Strayer.....Thursday, 5:00 pm

Opening Event Reception.....Thursday, 6:00 pm

RMPA President's Symposium - Zimmerman.....Friday, 10:20 am

RMPA Diversity Council GLBT Symposium.....Friday, 2:10 pm

RMPA Terror Management Symposium.....Friday, 3:20 pm

Environmental Psychology Panel.....Saturday, 8:00 am

RMPA Presidential Distinguished Lecture: Ellis.....Sat., 10:20 am

RMPA Past President's Address: Amsel.....Saturday, 1:00 pm

William Battig Memorial Lecture: Worthen.....Saturday, 1:00 pm

Ellis-Battig Memory Symposium.....Saturday, 2:10 pm

RMPA (cont.)

RMPA Diversity Council Address:Blumenfeld.....	Sat., 2:10 pm
RMPA Award Finalists Oral paper session 1.....	Saturday, 2:10 pm
RMPA Award Finalists Oral paper session 2.....	Saturday, 3:20 pm
RMPA Closing Session.....	Saturday, 5:30 pm
Presidential Reception and Social Hour.....	Saturday, 5:30 pm
Executive Committee Meeting.....	Sunday, 8:00 am

RMPA Diversity Committee Events

Teaching Individuals with Disabilities.....	Thursday, 1:00 pm
Lunch Video Series: <i>Wearing Hijab</i>	Friday, 11:30 am
Panel: History of GLBT.....	Friday, 2:10 pm
Culture Oral Paper Session.....	Saturday, 8:00 am
Gender Oral Paper Session.....	Saturday, 9:10 am
Lunch Conversation Hour: Warren Blumenfeld....	Saturday, 11:30 am
Diversity Posters.....	Saturday, 12:00 pm
Clinical Intervention for Latino Adolescents....	Saturday, 1:00 pm
RMPA Diversity Council Address:Blumenfeld....	Saturday, 2:10 pm

Meetings

Executive Committee Meeting.....	Thursday, 8:00 am
Psi Chi Advisors Meeting.....	Friday, 11:30 am
Diversity Council Lunch Meeting 1.....	Friday, 11:30 am
STP Business Meeting.....	Saturday, 11:30 am
Diversity Council Lunch Meeting 2.....	Saturday, 11:30 am
RMPA Business Meeting (for all members).....	Saturday, 5:30 pm
RMPA Executive Committee Meeting.....	Sunday, 8:00 am

Teaching Events

Teaching Take-Out.....	Thursday, 12:00 pm
Balancing Family and Work in Academia.....	Thursday, 1:00 pm
Teaching Individuals with Disabilities.....	Thursday, 1:00 pm
STP Keynote Address: Barney Beins.....	Thursday, 2:00 pm
College Skills 101.....	Thursday, 3:00 pm
Service Learning.....	Thursday, 3:00 pm
Academic Integrity.....	Thursday, 4:00 pm
From Grad School to Career.....	Thursday, 4:00 pm
Teaching Posters.....	Thursday, 6:00 pm
Teaching Oral Paper Session	Saturday, 8:00 am
CUR Symposium.....	Saturday, 9:10 am
Teaching/Education Oral Paper Session	Saturday, 10:20 am
STP Business Luncheon.....	Saturday, 11:30 am

Student Events (Thursday only)

Study Skills for the GRE.....	Thursday, 1:00 pm
Building your Professional CV.....	Thursday, 2:00 pm
Securing Good Letters of Recommendation.....	Thursday, 3:00 pm
APA Academic Career Workshop.....	Thursday, 3:00 pm
Making the Most of your Time at RMPA.....	Thursday, 4:00 pm

Non-Psi Chi Symposia

College Skills 101.....	Thursday, 3:00 pm
Service Learning.....	Thursday, 3:00 pm
From Grad School to Career.....	Thursday, 4:00 pm
RMPA President's Symposium - Zimmerman.....	Friday, 10:20 am
Resilience and Recovery in Peru.....	Friday, 10:20 am
APA Presents: How to Publish.....	Friday, 2:10 pm
Should Hypersexual Disorder be in the DSM?.....	Friday, 2:10 pm
B.F. Skinner Symposium.....	Friday, 3:20 pm
Terror Management Symposium.....	Friday, 3:20 pm
APA Presents: Debt, Salary and Career Data.....	Friday, 4:30 pm
CUR Symposium.....	Saturday, 9:10 am
Landscape Perception.....	Saturday, 10:20 am
Clinical Intervention for Latino Adolescents....	Saturday, 1:00 pm
Ellis-Battig Memory Symposium.....	Saturday, 2:10 pm
Happiness Symposium.....	Saturday, 3:20 pm

Panel Discussions/ Roundtables

Balancing Family and Work in Academia.....	Thursday, 1:00 pm
Teaching Individuals with Disabilities.....	Thursday, 1:00 pm
Panel: History of GLBT.....	Friday, 2:10 pm
Environmental Psychology Panel.....	Saturday, 8:00 am

Non-Psi Chi Workshops

Teaching Take-Out.....	Thursday, 12:00 pm
Student Preconference Session.....	Thursday, 1:00 - 5:00 pm
APA Academic Career Workshop.....	Thursday, 3:00 pm
Response to Intervention Workshop.....	Saturday, 2:10 pm

Psi Chi Events

Student Preconference.....	Thursday, 1:00 - 5:00 pm
Welcome Breakfast.....	Friday, 8:00 am
What is Grad School Like?.....	Friday, 10:20 am
Psi Chi Advisors Luncheon.....	Friday, 11:30 am
Psi Chi Distinguished Lecture: Loftus.....	Friday, 1:00 pm
Conversation Hour with Dr. Loftus	Friday, 2:10 pm

Psi Chi Award Paper Session	Friday, 4:30 pm
Psi Chi Awards Presentation and Raffle.....	Friday, 6:00 pm
Psi Chi Journal - Get Published!.....	Saturday, 9:10 am
What Makes an Effective Leader.....	Saturday, 10:20 am
Chapter Problem Solving/Planning.....	Saturday, 2:10 pm
Chapter Idea Exchange.....	Saturday, 3:20 pm

Conversation Hours

Psi Chi: Elizabeth Loftus.....	Friday, 2:10 pm
Diversity Council: Warren Blumenfeld.....	Saturday, 11:30 am

Oral Paper Sessions

Friday, April 16

Social 1.....	8:00 am
History/Religion.....	8:00 am
Memory/Cognitive.....	8:15 am
Industrial/Organizational.....	8:15 am
Social 2.....	10:20 am
Emotion.....	10:20 am
Neuropsych 1.....	2:10 pm
Health.....	3:20 pm
Psi Chi Award Papers.....	4:00 pm
Psychology and Law.....	4:30 pm

Saturday, April 17

Teaching.....	8:00 am
Neuropsych 2.....	8:00 am
Culture.....	8:00 am
Clinical 1.....	8:15 am
Neuropsych 3.....	9:10 am
Gender.....	9:10 am
Personality.....	10:20 am
Teaching/Education.....	10:20 am
Clinical 2.....	10:20 am
Social 3.....	1:00 pm
Measurement.....	1:00 pm
RMPA Award Finalists 1.....	2:10 pm
RMPA Award Finalists 2.....	3:20 pm
Human Sexuality/Mating.....	4:30 pm
Memory.....	4:30 pm

Poster Sessions

Thursday, April 15

Teaching	6:00 pm
----------------	---------

Friday, April 16

Education/School/Sports.....	2:10 pm
Social/Population/Environmental.....	4:30 pm

Saturday, April 17

Learning/Mem/Cog/Animal Expt/Physio.....	8:00 am
Clinical/Personality/Psychopharm/Psychopathology.....	9:10 am
Developmental/Diversity/Health/Law/Community.....	12:00 pm
Neuropsych/History/Relig/Meas/Design/IO/Perc/Perf.....	3:20 pm

Conference Evaluations -
Let Us Know What You Think!

After the conference, go to the webpage for the link to the evaluation form (www.rockymountainpsych.org).

Social Events

- RMPA Opening Event Reception (open to everyone)
.....Thursday, 6:00 pm
- BYU Ice Cream Social (open to everyone) Thurs, 6:30 pm
- Psi Chi Welcome Breakfast (open to everyone).....Friday, 8:00 am
- Psi Chi Advisors Luncheon (by invitation only - see Eric Landrum).....Friday, 11:30 am
- Lunch Video Series (open to everyone)..... Friday, 11:30 am
- University of Utah social (on campus; open to everyone)....Fri, 5:30 pm
- Psi Chi Awards Presentation and Reception (open to everyone)
.....Friday, 6:00 pm
- Worth Publishers Social Hour (open to faculty).....Friday, 6:00 pm
- Westminster College Breakfast (open to everyone)...Saturday, 8:00 am
- STP Business Luncheon (open to everyone).....Saturday, 11:30 am
- Diversity Council Lunch Meeting (open to everyone)
.....Saturday, 11:30 am
- President's Reception (open to everyone).....Saturday, 5:30 pm

Become More Involved!

If you want to become more involved with RMPA, talk with a member of the executive committee. We can always use new ideas, and there are many places to help throughout the year!



PRE-CONVENTION ACTIVITIES

RMPA

Executive Committee Meeting



Thursday 8:00 am -12 pm Private Dining Room

PENNIE SEIBERT, RMPA President
Boise State University, Chair

REGISTRATION



Registration is located in the second floor hallway

Registration Times:

Wednesday: 7:00 pm – 10:00 pm
Thursday: 10:00 am – 7:30 pm
Friday: 7:30 am – 7:30 pm
Saturday: 7:30 am - 1:30 pm

Portenier/Wertheimer Teaching Conference

RMPA would like to thank the
APA Education Directorate, STP, and CTUP
for their sponsorship of this pre-conference.



Lillian Portenier



Michael Wertheimer

Purpose of the Teaching Conference:

The teaching conference is designed for faculty who teach at four-year universities and colleges, community colleges, and high schools. Specifically, it is for those who wish to explore new ideas that will enhance and broaden their teaching skills. This celebration of teaching will provide useful and interesting information directly related to teaching psychology and the opportunity to see award-winning teachers in action. The teaching conference will also provide a forum for the discussion and exchange of knowledge and practice about the teaching of psychology as well as student learning and assessment.

Who Should Attend:

- Psychology teachers (Colleges, Universities and High School)
- Researchers in the teaching of psychology
- Support staff and developers working with psychology teachers
- Developers and publishers of psychology resources

Lillian Portenier

In 1995, Lillian Portenier received the first “Outstanding Former Faculty Award” from the University of Wyoming. A professor of psychology when she retired in 1961, she was dedicated to undergraduate psychology majors. Dr. Portenier joined the University of Wyoming as a Mathematics instructor in 1925 after receiving an A.M. degree from the University of Nebraska. She became an assistant professor of Psychology in 1930 and, after earning a Ph.D. from Columbia University in 1933, received promotions to full professor. During World War II, she was acting head of the Department of Psychology and director of Student Personnel Services. Dr. Portenier served a three-year term as Executive Secretary of APA’s Division 2 (Teaching of Psychology) and edited the Newsletter (now *TOPS*) from 1952-1954. She served as President of Division 2 in 1957. She was the first person from the Rocky Mountain region to serve as National President of Psi Chi, a post she held from 1949 to 1952. She became involved with RMPA early on, presenting her first paper at the 1933 conference, a paper that examined factors other than intelligence that predicted school success. She served as RMPA Secretary from 1944-1948 and was elected President of RMPA in 1948-49. In 1963, she became the 3rd life member of RMPA.

Michael Wertheimer

In 1983, Michael Wertheimer received the American Psychological Foundation Distinguished Teaching Award in recognition for his classroom teaching as well as his writings on the teaching of psychology. In 1990, he received the APA Distinguished Career Contributions to Education and Training in Psychology Award. Currently, Michael is Professor Emeritus at the University of Colorado - Boulder where he has served on the faculty since 1955. Among his many university recognitions, he received the Faculty Advising Award from the College of Arts and Sciences in 1987. Dr. Wertheimer served as President of Division 2 (Teaching of Psychology) in 1965. He was the Rocky Mountain regional coordinator of Psi Chi from 1973-1979 and in 1990-91 served as the Psi Chi National President. His involvement with RMPA began in the mid-1950s. At the 1957 RMPA meeting, he and Dr. Portenier both participated in the program. She was involved in a symposium on mental health in Western states, and Dr. Wertheimer presented a paper entitled “The influence of subjective time spent in practice on learning.” In 1981, Dr. Wertheimer was elected President of RMPA. He served as the RMPA Archivist from 1986-1993. He is the only person to twice receive the RMPA Distinguished Service Award, first in 1988 and again in 1994.

RMPA Student Pre-Conference

Students are welcome to attend any sessions on Thursday. The sessions with student content are:

- | | |
|--------------------|---|
| 1:00 - 1:55 | Study Skills for the GRE |
| 2:00 - 2:55 | Building your CV |
| 3:00 - 3:55 | Securing GOOD Letters of Rec |
| 3:00 - 4:55 | APA Academic Career Workshop
(see next page for description) |
| 4:00 - 4:55 | Making the Most of RMPA |

Psi Chi Workshop

*Study Skills for the GRE:
How to Wake up From Your Nightmare on Elm Street!*

Thursday 1:00 – 1:55 pm *Blue Spruce*

AARON S. RICHMOND, Metropolitan State College of
Denver

If you are anxious, scared, and/or completely freaked out about taking the GREs, then please attend this workshop. We will discuss ways in which you can successfully study for the GRE. You will leave with actual strategies that you generate during the workshop which will hopefully improve your performance.

Psi Chi Workshop

Building Your Professional Biography/ CV

Thursday 2:00 – 2:55 pm *Blue Spruce*

JUDITH A. SUGAR, University of Nevada, Reno

Successful applications for graduate and professional school and jobs are best achieved when, even as a student, you live the life you aspire to, acquiring the experience and skills that are important to your future. We'll discuss that strategy, as well as review tips and techniques for ensuring that your CV/resume documents those achievements well.

Psi Chi Workshop

Securing GOOD Letters of Recommendation From Faculty

Thursday 3:00 – 3:55 pm *Blue Spruce*

THERESA STUELAND KAY, Weber State University and
RANDI SMITH, Metropolitan State College of Denver

Strong letters of recommendation are a crucial part of a successful graduate school application. In this seminar, we will discuss strategies that will maximize your chances of obtaining strong letters from faculty.

Psi Chi Workshop

Making the Most of Your Time at RMPA

Thursday 4:00 – 4:55 pm *Blue Spruce*

RICHARD L MILLER, University of Nebraska at Kearney
ROXANNE SULLIVAN, Bellevue University
WILLIAM WOZNAK, University of Nebraska at Kearney

In this session, we will talk about how best to take advantage of this convention opportunity. Topics to be discussed include how to select interesting sessions, convention protocol, tips for getting to know influential people, and what events you will not want to miss.

Academic career workshop parleys 1

Portenier-Wertheimer Teaching Conference

Teaching Take-Out

Thursday 12:00 - 12:55 pm

Wasatch 3

Puzzled Perception

JEANNINE KLEIN, University of Nevada, Las Vegas

The Adolescent Development of Leo the Lightning Bug: How to use Picture Books to Teach Psychological Concepts

AARON S. RICHMOND AND BETHANY FLECK, Metropolitan State College of Denver

Measuring Student Height to Illustrate Assessment and Research Concepts

SHAWN POWELL, Casper College

Pass the Crayons: Teaching Intrinsic and Extrinsic Motivation

LISA KINDLEBERGER HAGAN, Metropolitan State College of Denver

The “What Would Freud Bring to Game Night?” Game

BETHANN BIERER, Metropolitan State College of Denver

Learning about Contemporary Prejudice by Designing a Fictitious Racist Society

WILLIAM DOUGLAS WOODY, University of Northern Colorado

Teaching Conference

1:00 - 1:55 pm options

TEACHING ROUNDTABLE

Academia Balancing Act - Work and Family

Thursday 1:00 - 1:55 pm

Red Butte

Moderators:

CHRISLYN E. RANDELL*, CHERYL E. SANDERS*,
RONA J. MCCALL**, AND RICK MILLER***

Metropolitan State College of Denver*, Regis University**, University of Nebraska at Kearney***

Earning tenure is a lengthy and demanding process, which challenges faculty to balance work and family demands. Department chairs and faculty who have experienced this conflict while working toward tenure and promotion will share practical advice and lessons learned in this workshop. Discussion of struggles and successes will be encouraged.

TEACHING ROUNDTABLE

Teaching Individuals with Disabilities: Students with Asperger Syndrome and other Autistic Spectrum Disorders

Thursday 1:00 - 1:55 pm

Mill Creek

Moderators:

SUSAN BECKER AND ROXANNE L. SULLIVAN
Mesa State College; Bellevue University

This roundtable session will discuss the special challenges involved in teaching individuals with Asperger Syndrome (AS) and other autistic spectrum disorders. The experiences of an AS student in adjusting to college as well as issues faculty need to address with respect to classroom management will be presented.

Portenier-Wertheimer Teaching Conference

Invited Address

Barney Beins

Ithaca College

Would People Sooner
Die than Think?

Critical Thinking in Psychology

Thursday

2:00 - 2:55 pm

Wasatch 3

Moderator: Rick Miller, Univ. of Nebraska at Kearney

Critical thinking and scientific literacy are paramount goals that we hope our students will reach in the liberal arts. This address will highlight the value of critical thought in everyday life and in dealing with social issues, and it will show how education in psychology fosters attainment of these goals.

Teaching Conference

3:00 - 3:55 pm options

SYMPOSIUM

College Skills 101: What Psychology Has To Offer New College Students

Thursday 3:00 – 3:55 pm Red Butte

WILLIAM WOZNAK AND AARON S. RICHMOND
University of Nebraska at Kearney; Metropolitan State
College of Denver

Introductory Psychology courses are excellent venues to teach skills needed to succeed in college, because the skills are linked to psychological concepts normally taught. We will offer some of our own strategies to teach these skills and discuss the costs and benefits of incorporating these topics into class.

SYMPOSIUM

Service Learning and Experiential Education: New Ways to Make Old (and New) Points

Thursday 3:00 – 3:55 pm Mill Creek

RONA J. McCALL, STEVE BARNEY, SUSAN BECKER,
RANDI FARRIS, AND MELANIE BERGREN
Regis University; Southern Utah University; Mesa
State College; Regis University; Regis University

This symposium introduces the pedagogical practices of service learning and experiential education. Topics include: What are Service Learning and Experiential Education, Deciding to Implement Service Learning in Your Classes, Institutionalizing Service Learning Efforts and Student Involvement, Risks (Practical and Academic) of Service Learning, and Implementing Service Learning in Psychology courses.

Teaching Conference

4:00 - 4:55 pm options

WORKSHOP

Academic Integrity: Techniques, Technology and Teaching Moments

Thursday 4:00 – 4:55 pm Red Butte

RONA J. McCALL, ERIC AMSEL, AND REBECCA
BETJEMANN
Regis University; Weber State University; Regis Univ.

This workshop explores the current techniques students use to breach academic integrity standards and the current techniques instructors use to detect academic integrity violations. Technology, quasi-legal issues and student consequences will be addressed. Finally, reflections on ways to create teaching moments for our students and ourselves will be discussed.

SYMPOSIUM

From Graduate School to Career Success: What Have We Learned?

Thursday 4:00 – 4:55 pm Mill Creek

SUSAN E. BECKER, BRITTON L. MACE, AARON S.
RICHMOND, PETER KRANZ, WILLIAM DOUGLAS
WOODY
Mesa State College; Southern Utah University; Metro-
politan State College of Denver; University of Texas-
Pan American; University of Northern Colorado

Presenters from a range of psychological subfields will discuss the long-term consequences of what they learned in graduate school, both academically and non-academically, and provide concrete teaching and learning recommendations for students and advisors.

KICKOFF THURSDAY MAIN PROGRAM ACTIVITIES

RMPA INVITED SPEAKER

DAVID STRAYER
University of Utah

Thursday

5:00 – 5:55 pm

Wasatch 3 and 4

Moderator: Pennie Seibert, Boise State University

RMPA 81st Annual Conference Opening Reception Welcome!



To start off this year's main program, we will have an opening reception for all convention attendees. Come on by for some food, hors d'oeuvres, and conversation. We will also have the teaching posters for the first hour, so feel free to wander around and check them out.

Thursday 6:00 - 7:30 pm

Wasatch 1 and 2

PENNIE SEIBERT, RMPA President, Host

Teaching Posters

Poster Session, Thursday, 6:00- 7:00 pm, Wasatch 1 and 2

1

Teacher Videos: Normative Data About Student Ratings of Eight Key Teaching Behaviors

CADE HULBERT¹, KRISTIN BATTEN¹, JESSICA KESLER¹, CARLY GINTZ¹, JEFFREY R. STOWELL², AND R. ERIC LANDRUM¹

¹Boise State University; ²Eastern Illinois University

Forty-five students viewed three videos of faculty members teaching in classroom situations, and participants rated each on eight dimensions from the Teaching Behavior Checklist. Results indicate that participants provided ratings that yielded significant differences when comparing overall scores. The benefits of a discriminative rating scale are presented.

2

Teacher Videos: Do First Impressions Predict Later Impressions on Key Teaching Behaviors?

KRISTIN BATTEN¹, CADE HULBERT¹, SAMANTHA GAGNON¹, CAITLIN GOICOECHEA¹, JEFFREY STOWELL², AND R. ERIC LANDRUM¹

¹Boise State University; ²Eastern Illinois University

Students (n=45) viewed videos of 5-minute faculty classroom sessions and rated performance at the 5-second and 5-minute marks on eight teaching behaviors/dimensions. Results indicate that first impression ratings all grew significantly (and positively) from early to late, although all first impression behavior ratings were not identical.

3

Qualitative Beneficial Effects of Backward Course Design in Collaboration with Advanced Undergraduate Students

SAMANTHA GAGNON, JONATHAN LAWSON, DENISE DONATO, KRISTIN BATTEN, AND R. ERIC LANDRUM

Boise State University

Senior-level psychology majors contributed to the design of a new capstone course by using backward design with the course instructor. Students generated innovative ideas about learning objectives and the assessment methods utilized to ascertain student success in achieving desired outcomes. Qualitative responses to student-shared backward design were uniformly positive.

4

Student Expectations Regarding Knowledge Acquired and Skills Practiced in a Capstone Course

JESSICA KESLER, CARLY GINTZ, CADE HULBERT, JONATHAN LAWSON, AND R. ERIC LANDRUM

Boise State University

Junior and senior psychology majors (n=92) not enrolled in a capstone course completed an online survey about knowledge attainment and skill acquisition in Capstones. A ranked ordering of expectations yielded information helpful to both course design and course implementation related to impressions students form about the capstone course.

5

You Want What? Student Perceptions of Possible Assignments in the Capstone Course

JONATHAN LAWSON, CAITLIN GOICOECHEA, JESSICA KESLER, DENISE DONATO, AND R. ERIC LANDRUM

Boise State University

Junior and senior psychology majors (n=92) completed an online survey about 22 different assignments possibly utilized in a yet-to-be-taken required capstone course. Proportion of 'yes' responses was calculated for each assignment. The resulting descriptive data are useful for instructors designing or reflecting on the capstone course.

6

Introductory Psychology Student Study Habits and Expected Outcomes: Quantitative Results

DENISE DONATO¹, KRISTIN BATTEN¹, CARLY GINTZ¹, CADE HULBERT¹, REGAN A. R. GURUNG², AND R. ERIC LANDRUM¹

¹Boise State University; ²University of Wisconsin-Green Bay

Four hundred fifty-seven students enrolled in introductory psychology completed an online survey about frequency of study strategy use and knowledge and skills expected to be retained following the course. Results indicate that students who are more effortful (exhibited by reading levels) tend to expect to extract more from the course.

7

A Content Analysis of Introductory Student Expectations about Course Impact and Content Retention

CARLY GINTZ¹, SAMANTHA GAGNON¹, CAITLIN GOICOECHEA¹, JESSICA KESLER¹, REGAN A. R. GURUNG², AND R. ERIC LANDRUM¹

¹Boise State University; ²University of Wisconsin-Green Bay

Students enrolled in introductory psychology (n=457) completed an online qualitative survey about the most memorable ideas and concepts from the course. Using content analysis, theories, theorists, and general concepts were the most remembered by a wide margin compared to mentions of course-related and other general statements.

8

A New Look: Updated Normative Data on the Metacognitive Awareness Inventory

CAITLIN GOICOECHEA¹, SAMANTHA GAGNON¹, DENISE DONATO¹, JONATHAN LAWSON¹, REGAN A. R. GURUNG², AND R. ERIC LANDRUM¹

¹Boise State University; ²University of Wisconsin-Green Bay

Students enrolled in general psychology (n=207) completed the Metacognitive Awareness Inventory (MAI) online. Individual subscores were calculated for each of the 8 MAI subscales so that normative data could be generated. These outcomes are particularly useful in gauging the current metacognitive awareness of today's digital natives.

Teaching Posters (cont.)

9

Learning Outcomes in a Psychology Department: Measurement, Evaluation, and Action Planning

BRUCE BROWN AND JASON VAN DER HORST

Brigham Young University

Departmental learning outcomes in each of five areas (subject matter knowledge; skill in methodology, technology, and critical thinking; and assessment of experiential learning) have been measured using both direct and also indirect measures. On the basis of these comparative assessments, departmental programs and curriculum have been evaluated and altered.

10

Differential Effects of the Discrete-option Multiple-choice Format on Test Takers' Assessment Preparation and Scores over an Assessment Series

TAMARIN HOOPER, JESSIKA HEDGES, BENJAMIN STOCKING, AND JERICA GARRICK

Brigham Young University

Multiple-choice tests dominate postsecondary educational systems in the U.S. With a rising number of students and limited time, instructors must rely on such tests to assess students' understanding, despite students becoming "test wise." The discrete-option multiple-choice test format provides a new method for more accurately and securely assessing academic learning.

Faculty Sponsor: Dr. Harold L. Miller

11

A Community-Based Partnership to Facilitate Teaching and Learning in Clinical/Counseling Psychology

RANDI SMITH

Metropolitan State College of Denver

Students in "Introduction to Clinical & Counseling Psychology" collaborated with a community mental health organization that serves individuals who are severely and persistently mental ill. Together, students and consumers arrived at goals, developed a plan, and worked together to implement successful, shared activities.

12

Academic Dishonesty: Effects of Alternative Tests on Student Performance

SHAWN POWELL^{1,2}, LAURA CAPASSO², JOY DEAN LUDWIG¹, AND TRICIA LOVELACE¹

¹Casper College; ²University of Wyoming

Students in general psychology courses completed alternating test forms to reduce the likelihood of academic dishonesty. Records of 85 students showed significant differences between the students' average scores from previous exams and the results obtained when an alternative test form was administered.

13

Busting Brain Myths: A Neuroscience Course for Educational Psychologists and Teachers

M. TODD ALLEN

University of Northern Colorado

A neuroscience course was taught for educational psychology students, teachers, and psychology undergraduates. The class sought to replace commonly held beliefs about the brain such as left- versus right-brain thinkers with research-based knowledge of brain function about disorders commonly found in the classroom.

14

Traditional, Online, and Hybrid Course Delivery Methods and Student Performance

CHRISLYN E. RANDELL

Metropolitan State College of Denver

Student retention of course material with changes in technology and course delivery methods is a challenge faced by many faculty. This research shows that inclusion of interactive learning experiences results in similar student retention of information across these delivery methods as evidenced by homework and exam scores.

15

Maintaining Civility and Discouraging Disruptions in the Classroom: Lessons from a Review of the Literature

ANNA ROPP

Metropolitan State College of Denver

Classroom disruptions negatively affect students' intellectual development (Hirschy & Braxton, 2004). Suggestions for preventing incivility include communicating warmth (Boise, 1996; Meyers, 2003), increasing student involvement (Boise, 1996), and involving students in discussions of appropriate classroom conduct (Nordstrom, Bartels & Bucy, 2009).

16

The Effects of Reflective Journaling on Content Comprehension

MACKENZIE L. BOHL, KRISTA D. FORREST, AND KRISTA K. FRITSON
University of Nebraska at Kearney

We examined the effects of reflective journaling on student comprehension of course content. Students (n=145) wrote a total of four reflective journals. After rating journals using Bloom's Taxonomy, we compiled the scores of related questions on corresponding exams. We expect reflective journal scores to positively correlate with relevant questions.

Teaching Posters (cont.)

17

Moral Development Goes to Washington: An Investigation of Inquiry-based Instruction, Higher-Level Learning, and Retention
AARON S. RICHMOND, BETHANY FLECK, NATHAN UNG, AMY BUSTAMANTE MEIER, AND DARA LYNNE TABUGADIR
Metropolitan State College of Denver

This field experiment sought to investigate the effects of using inquiry-based instruction to enhance retention of higher-level thinking in an educational psychology course. Results will be discussed within the context of teaching psychology.

18

Using Psychological and Developmental Principles to Teach Psychology
BOYD TEEMANT
Utah State University

Utilizing psychological theories to teach is becoming more common. Psychology faculty have an increased understanding of these theories and should be expert users of psychological theories to teach. A review of how instructors have used psychological theories to teach and how these theories compare with Bloom's Taxonomy will be presented.

19

Training School Psychologists: Change Agents in a Changing System
MARCY WILLARD
University Of Denver

This unique graduate program incorporates teaming, collaboration, peer review, and supervision as students become change agents; prepared for a dynamic school environment. The training program utilizes an ecological systems approach to foster student performance and mental health.

Faculty Sponsor: Dr. Shayna Brody Whitehouse

*RMPA would like to thank the
Society for the Teaching of Psychology
for funding the teaching poster competition!*

Y BYU Students, Faculty, and Friends Social Event

Thursday 6:30 – 8:00 pm

Parleys 1 and 2

Come socialize with BYU faculty and students to learn more about the graduate programs we offer. We look forward to connecting with fellow colleagues from other institutions. Come enjoy some refreshments after the opening speaker.



FRIDAY PROGRAM ACTIVITIES

Welcome Breakfast Sponsored by Psi Chi

Friday 8:00 – 9:00 am

**Blue Spruce
(third floor)**



HOST: R. Eric Landrum, Rocky Mountain Region VP

Industrial/Organizational Psychology

Oral Paper Session, Friday, 8:15 – 9:00 am, Parleys 2

Moderator: FREDERICK V. MALMSTROM, University of the Rockies

8:15

Interactive Effects of Emotion Regulation on the Politics Perception-Job Stress Relationship

JOSEPH GOODMAN¹, GRANT C. CORSER², AND BRANDON GRANT¹
¹Illinois State University and ²Southern Utah University

Perceptions of politics are within work settings. Past studies support a negative relationship between politics perceptions and occupational stress. Recently, research has supported several moderating variables for this relationship. The current study tests emotion regulation as a moderator upon the politics perceptions-stress relationship.

8:30

Work Attitude among Individuals in the Emerging Work Force

JASON CURRIE AND GRANT C. CORSER
Southern Utah University

A survey was conducted measuring attitudes of workers in the emerging workforce to draw comparisons to workers of the 1970s. Topics like “pride in work” were measured. Participants were recruited from psychology courses at a regional university. Results are discussed from within a symbolic interactionism and a motivational perspective.

8:45

Developing a Measure of Corporate Culture
DAVID COLAROSSO AND PATRICK SHERRY
University of Denver

The current project aspired to develop a measure of corporate culture. The measure was built from a theoretical foundation that combined three common conceptual theories of corporate culture. Specifically, corporate culture was viewed as the sum of an organization's: 1) Meaning Systems, 2) Values/Beliefs, and 3) Behavioral Expectations.

Social 1

Oral Paper Session, Friday, 8:00 – 9:00 am, Red Butte

Moderator: BARTON POULSON, Utah Valley University

8:00

Finances: Source of Marital Conflict or Battleground for Aggressive Strategies

JASON MCBRIDE, BRUCE BROWN, AND JOSEPH OSTENSON
Brigham Young University

This study examines how financial disagreement in marriage relates to destructive communications strategies and relational aggression. The individual ANOVAs all reached a high level of significance. High versus low conflict group status is substantially more related to the husband's relational aggression than to the wife's.

8:15

Promotive Control as a Moderator of the Relationship between Transformational Leadership and Student-Athlete Satisfaction

STEVEN M. ELIAS AND CATHERINE A. HELMUTH
New Mexico State University

We examine whether promotive control on the part of a coach moderates the relationship between transformational leadership and student-athletes' overall athletic satisfaction. Student-athletes (n=130) completed measures of transformational leadership, promotive control, and satisfaction. Satisfaction was greatest among athletes whose coaches were transformational, while also utilizing promotive control.

8:30

Army Strong: Military Media on State Aggression and Pain Tolerance
KELSIE FERGUSON

Southern Utah University

The interrelation among military media, state aggression and pain tolerance was examined in this study. Participants were exposed to the State-Trait Anger Expression Inventory-2 and the cold pressor test along with two types of media.

Faculty Sponsor: Dr. Britton Mace

8:45

Effects of Egalitarian Attitude Salience on Prejudice Suppression and Implicit Prejudice

JASON HATCH AND ROBERT SCHATZ
Metropolitan State College of Denver

We examined the effect of personal and societal egalitarian attitude salience on motivation to suppress prejudice and on implicit prejudice. Our results show that making society's egalitarian attitudes salient produced lower implicit prejudice than did making personal egalitarian attitudes salient, which appeared to increase implicit prejudice.

History and Religion

Oral Paper Session, Friday, 8:00 – 9:00 am, Mill Creek

Moderator: GARRETT L. STROSSER, Southern Utah University

8:00

The Intellectual and Ethical Incoherence of Evolutionary Psychology
EDWIN E. GANTT AND BRENT S. MELLING

Brigham Young University

Proponents of Evolutionary Psychology (EP) typically dismiss criticisms that it entails moral relativism or endorses eugenicism. However, such implications are unavoidable if the conceptual foundations of EP are taken seriously, and can only be legitimately opposed by rejecting EP's materialist foundation. Ultimately, this reflects EP's fundamental intellectual and ethical incoherence.

8:15

Kelly and Levinas: Reconnecting the Theoretical, the Personal and the Ethical

JEFFREY THAYNE AND ED GANTT

Brigham Young University

Although George Kelly's psychology of personal constructs provides a compelling account of human rationality, it does not adequately account for ethical obligation. By revisiting his theory from the perspective of the ethical phenomenology articulated by Emmanuel Levinas, we argue Kelly's theory may be rescued from implicating moral relativism.

8:30

Religious Affiliation Effects Religiosity and Personality Relationships

TODD BAIRD AND AARON ASHLEY

Weber State University

Previous research examining religiosity and personality has found that different personality traits correlate differentially with separate aspects of religiosity. The current research extended these findings by examining the higher order relationships between personality and religiosity across cultural majority and minority religious denominations.

8:45

Repressive Coping Style, Religiosity, and Religious Denomination

AARON ASHLEY AND TODD BAIRD

Weber State University

Individuals were classified according to the Weinberger, Schwartz, and Davidson (1979) repressor classification system. Participations additionally completed a measure of religiosity. Results suggested that not only did religiosity tendencies differ as a function of coping style, they also varied as a function of religious denomination.

Memory/Cognition

Oral Paper Session, Friday, 8:15 – 9:00 am, Parleys 1

Moderator: LESLEY HATHORN, Metropolitan State College of Denver

8:15

The Role of Interpretation in the Memory of Traumatic Events

JENNIFER ALMAND, SALIF MAHAMANE, MAURA PILOTTI, AMANDA WILSON, AND SAMANTHA SENA

New Mexico Highlands University

This research examines bottom-up and top-down processing in the formation of memory of aversive events. Top-down processing was found to be capable of modulating the emotional connotation of a memory, which could speed or slow its retrieval, depending on the initial emotional value of the memory.

8:30

Effects of Media Multitasking on Cognitive Performance

MARK D. MCCURDY, FAITH BRASHER, JACK A. LEWIS, ANDREA YOUNGGREN, AND MEREDITH MINEAR

The College of Idaho

Could the growing amount of time spent multi-tasking have long-term effects on cognition? Will a student who texts while studying have worse attention or will she multi-task more effectively? We tested heavy multi-taskers and found worse performance on spatial reasoning, but not working memory or task switching compared with light multi-taskers.

8:45

Is the Emotional Memory Effect Influenced by Type of Encoding and Delay?

JASON SWIFT, ANDREW GARCIA, MAURA PILOTTI, SALIF MAHAMANE, AND JENNIFER ALMAND

New Mexico Highlands University

This study examined whether the emotional memory effect is influenced by delay and encoding instructions focusing attention on denotation. Attention on denotation deprived taboo words of their memorial advantage. In contrast to the consolidation hypothesis, the emotional memory effect was selectively weakened by delay.



An Interview with Elizabeth Loftus

Friday, 9:10 – 10:10 am
Wasatch 3 and 4

Interviewer: Carol Tavris



Come be part of a live studio audience for what promises to be a fascinating exploration of the professional and personal experiences of renowned psychological scientist Elizabeth Loftus. The program is organized by the Association for Psychological Science (APS) and being filmed under special arrangement with the Emmy and Peabody Award-winning Palfreman Film Group.

Loftus, Past President of APS, is an internationally recognized expert in the study of human memory, particularly the malleability of memories. Her extensive research shows that memory is highly susceptible to distortion and manipulation, and that people can vividly recall events that never happened. Her research on false memory, the reliability of eyewitness reports, and memories «recovered» through therapy has affected how law enforcement, courts, and psychologists consider eyewitness testimony. Loftus is a member of the National Academy of Sciences and the Royal Society of Edinburgh, and has received the highest scientific honors for her work.

Loftus will be interviewed by noted social psychologist, writer, and longtime friend **Carol Tavris**, author of several books including, with Elliot Aronson, *Mistakes Were Made (But Not by Me): Why We Justify Foolish Beliefs, Bad Decisions, and Hurtful Acts*.



Social Psychology 2

Oral Paper Session, Friday, 10:20 – 11:20 am, Mill Creek

Moderator: BRITTON MACE, Southern Utah University

10:20

Types of Childhood Neglect and Insecure Adult Romantic Attachment
M. ROSE BARLOW, AMY JO CLAFFEY, TESS GROVER, NICHOLE SILVEIRA, LINDSEY WARD, AND KELSY NEWTON

Boise State University

This study looked at emotional, cognitive, physical, and supervisory neglect in childhood and their relation to anxious and avoidant adult romantic attachment. Emotional or cognitive neglect correlated with anxious and avoidant attachment in adult relationships. Physical neglect was correlated with avoidant attachment. Supervision neglect was correlated with neither attachment style.

10:35

The Effects of Parental Conflict and Harmony on Adolescent Hope
BRYSON WILSON, ANTHONY CARLSON, SPENCER CHRISTENSEN, AND BRUCE BROWN

Brigham Young University

The effects of parental relationship quality on the hope/optimism of their adolescent child were examined. The strongest predictor from among the twelve scales was the husband's ratings on the Current Relationship Quality Scale. The other significant predictor was the wife's ratings on communication negativity.

10:50

More (or Less) Than Meets the Eye: Functional Perceptual Biases of Cognitive Tasks

CHAD R. MORTENSEN¹, RYAN P. JACOBSON², D. VAUGHN BECKER³, ROBERT B. CIALDINI⁴, AND ARTHUR M. GLENBERG⁴

¹Metropolitan State College of Denver; ²University of New Mexico;

³Arizona State University - Polytechnic Campus; ⁴Arizona State University
Past research shows using willpower in one task makes subsequent tasks requiring mental effort or willpower more difficult. However, might this make cognitive tasks literally look more difficult? We demonstrate that depletion of willpower leads people to visually perceive stacks of cards that require complex sorting to be significantly taller.

11:05

Determining Emotion Exclusively from Vocal Acoustics: A Meta-analysis
CHANDLER KRYNEN AND BEN GARDNER

Brigham Young University, Provo

Emotion has been assumed to be portrayed nomothetically, perhaps because individuals interpret it similarly. A secondary data-analysis was run on vocal acoustic analysis as well as confusion matrix data. The analyses indicated that emotion was portrayed idiosyncratically but interpreted nomothetically.

Faculty Sponsor: Dr. Bruce Brown

RMPA SYMPOSIUM

Resilience and Recovery in Vina Vieja, Peru

Friday 10:20 – 11:20 am

Parleys 2

Presenters: NANCY J. KARLIN, SHERILYN MARROW, SARA BAUM, JOYCE WEIL, GARY SWANSON, AND TARA SPENCER, University of Northern Colorado

This research project collected data from families and aging populations in Peru who experienced a devastating earthquake on August 15, 2007 and two subsequent earthquakes in January, 2010. These earthquakes ranged from 5.7 to 7.9, creating psychological and physical unrest throughout the population of Peru. This project follows up on our prior pilot data gathered from survivors of Hurricane Katrina, U.S.A. of August 29, 2005.

Emotion

Oral Paper Session, Friday, 10:20 – 11:05 am, Parleys 1

Moderator: ANNA ROPP, Metropolitan State College of Denver

10:20

Affect as Information in Writing

GRANT C. CORSER, SHAWN NIELSEN, KELLI ASKEROTH, SHERRI HEYWOOD, AND KIRRILY BURDEN

Southern Utah University

The Affect as Information Model describes mood influenced judgment.

Extension of this model is demonstrated in a study where after mood induction (positive/negative) participants were asked to write a story. Stories were rated as either positive or negative. Results indicated mood state congruent stories. Results and implications are discussed.

10:35

Do Adolescents with Emotional Disorders Differ in Their Ability to Identify Emotional Facial Expression?

FRANCIE R MURRY AND TODD ALLEN

University of Northern Colorado

A comparison study of identification of emotional facial expression was done with adults, adolescents with emotional disorders, and adolescents without. Results show that adults were more accurate in identifying moods than both adolescent groups. There was no statistically significant difference between the two adolescent groups for identification of emotional facial expressions.

10:50

The Influence of Affect on Aurally and Visually Perceived Distances

JOSHUA W. RUECKERT, MICHAEL N. GEUSS, KYLE T. GAGNON, AND JEANINE K. STEFANUCCI

University of Utah

We examined the influence of fear on aurally and visually perceived distances. Participants judged their ability to reach to a noise or object after writing about a fearful or neutral experience. Participants in the fear condition estimated distances as closer when hearing the object but not when seeing the object.

RMPA President's Symposium

*Prescient Models in Neuroscience, Neurosurgery,
and Behavioral Medicine*

CHRISTIAN G. ZIMMERMAN

Idaho Neurological Institute

Saint Alphonsus Regional Medical Center

Friday 10:20 – 11:20 am

Red Butte

Moderator: PENNIE SEIBERT, Idaho Neurological Institute

Christian G. Zimmerman, MD FACS is a renowned neurosurgeon and an expert in the field of neuroscience and behavioral medicine. He is an unfaltering proponent of the importance of developing multidisciplinary teams for providing the best possible outcomes for those with central nervous system disease or injury and for advancing evidence based medicine. Accordingly, he has been a vital advocate of the significance of psychological science applications for medicine and has vocalized this support to the Institute of Medicine of the National Academies and many other local, national, and international entities. His presentation will include an overview of the current state of neuroscience along with visions for the future. He will emphasize the importance of psychological scientists teaming with medical professionals and will detail opportunities for this collaboration. Additionally, Dr. Zimmerman will describe computational neuroscience models and their applications for medicine. Finally, he will offer an overview of the health care crisis as it applies to neuroscience.

Psi Chi Symposium

*What's It Like in Graduate School –
From the Perspective of Current
Graduate Students in Psychology*

Friday 10:20 – 11:20 am

Blue Spruce

Moderator: CADE HULBERT, Boise State University

Presenters:

ALBERTO VARELA AND AMY MELLING, Univ. of Utah

EMILY VANNESS, Idaho State University

A.J. GROVERT, Utah State University

Have questions about what graduate school is really like? Is it as challenging as your faculty describe it to be? During this interactive session current graduate students from institutions in the Rocky Mountain region will tell it like it is concerning graduate school.

LUNCH BREAK FROM 11:30 - 1:00 PM

PSI CHI Advisors Appreciation Lunch

**Special Guest: Dr. Elizabeth Loftus
Invitation-Only Event**



Friday, 11:30 am - 1:00 pm

Copper Canyon Private Dining Room

**HOST:
R. ERIC LANDRUM
ROCKY MOUNTAIN REGION VICE PRESIDENT**

RMPA Diversity Council Lunch and Film Presentation

Wearing Hijab:
Uncovering the Myths
of Islam in the United
States

*Friday 11:30 am - 1:00 pm
Aspen Room (third floor)*

Invited Presenter: MARY ANN
WATSON, Metropolitan State
College of Denver



Moderator: LAYTON CURL, Metropolitan State College
of Denver

What do you know about the practice of Islam in the United States? What are the myths? What are the facts? Dr. Mary Ann Watson, a professor of psychology at Metropolitan State College of Denver, will share a film that she has produced entitled «Wearing Hijab: Uncovering the Myths of Islam in the United States» that features the stories of six young Muslim women students. You will see and hear from them as they grapple with student life and the expression of their religious beliefs and practices. This presentation will start with a brief assessment of your beliefs about Islam and its expression in the U.S. and conclude, after the showing of the film, with a discussion of the film and the assessments.

This film was produced by Dr. Watson as a part of her Fulbright-Hays fellowship to Egypt for summer, 2004.

**Please join us for stimulating research,
engaging discussion, and some lunch time treats.**

Psi Chi Distinguished Lecture

ELIZABETH LOFTUS

University of California, Irvine

Manufacturing Memories

Friday 1:00 – 2:00 pm Wasatch 3 and 4

Moderator: R. Eric Landrum, Boise State University

People sometimes remember things that never happened. They remember details of recent events differently than they really occurred. Moreover, they can be led to remember nonexistent events from the recent past and from their childhood days. People can be led to falsely believe that they have had familiar experiences, but also rather implausible ones. They can be led to believe that they did things that would have been impossible. They can be led to falsely believe that they had experiences that would have been rather emotional or traumatic had they actually happened. False memories, like true ones, also have consequences for people, affecting later thoughts, intentions, and behaviors. False memories look very much like true ones– in terms of behavioral characteristics, emotionality, and neural signatures. Finally, recent discoveries about cognitive and personality individual differences reveal that some people are more susceptible than others to having their memories be modified. You'll have to come to the talk to learn about which ones.

Psi Chi Student Conversation Hour

with

Dr. Elizabeth Loftus

University of California, Irvine

Friday 2:10 – 3:10 pm

Blue Spruce

Moderators: Leslie Cramblet Alvarez (Adams State College) and Steve Barney (Southern Utah University)

RMPA Diversity Council Roundtable

Historical Changes for the GLBTQ Community

Friday, 2:10 – 3:10 pm



Red Butte

Moderator: LAYTON CURL, Metro State College Denver

Panelists:

WILLIAM DOUGLAS WOODY, University of Northern Colorado

DIANE MARTICHUSKI, University of Colorado Boulder

LAYTON CURL, Metro State College of Denver

ANNA ROPP, Metro State College of Denver

This roundtable discussion will examine historical changes in the treatment, prejudice toward, and issues impacting the GLBT community. Topics include culture, politics, and transgendered issues.

Education/School/Sports Posters

Poster Session, Friday, 2:10 – 3:10 pm, Wasatch 1 and 2

1

Physical and Cognitive Symptoms of Sports Performance Anxiety

AUSTIN BECK, SHANE SOBRIO, AND NATALIE ARGYLE

Brigham Young University

Performance anxiety is a prevalent disorder among athletes but lacks comprehensive studies that measure all domains of the disorder. We created the I'm Freakin Out! scale to combine the physiological and cognitive symptoms of performance anxiety into one easy to use scale. Faculty Sponsor: Dr. Scott Braithwaite

2

True Athleticism and Gender Role Orientation: A Correlational Study
DONIELLE KILLINGWORTH, KYRA PETERSON, AMANDA STEARNS,
AND TREVOR SPIELMAN

College Of Idaho

This study examined the relationship between athleticism and gender association. We placed multiple scales pertaining to athleticism and gender association online and promoted volunteers from our college to take the survey. Our findings suggest that the more a person identifies with athleticism the more masculine they will be.

Faculty Sponsor: Dr. Meredith Minear

3

The Effect of Parental Support on Student Experience of Campus Climate Mediated by the Student's Well-being

MICHAEL DAVENPORT

Colorado College

This study examined the effects of instrumental and emotional support from parents on campus climate as mediated by student well-being. 188 undergraduate students completed a survey that measured parental support, satisfaction with life, and campus climate. Students with higher parental support had greater well-being and experienced a better campus climate.

Faculty Sponsor: Dr. Emily Chan

4

Drive for Muscularity in Male Collegiate Athletes

JESSICA E. WERMAGER¹ AND JASMINE ROLLINS²

¹Colorado State University-Pueblo; ²University of Colorado at Boulder

Male collegiate athletes in the following four sports; 1.) Football, 2.) Soccer, 3.) Wrestling and 4.) Baseball were administered the Drive for Muscularity Scale (DMS). Results indicate that Wrestling had the lowest drive for muscularity while Soccer had the highest.

Faculty Sponsor: Dr. Krista Bridgmon

5

Pain Coping Styles of Nontraditional Female Athletes

MICHAEL C. MEYERS¹, ANTHONY E. BOURGEOIS², ARNOLD D. LEUNES², AND SHANE HUDSON²

¹Montana State University; ²Texas A&M University

Limited studies exist on nontraditional sport athletes with high trauma potential. This study quantified pain coping styles of nontraditional versus traditional female athletes. Results indicated nontraditional athletes scored significantly lower on pain coping than traditional athletes. Sport science/medical personnel should consider athletic background prior to prescribing training, treatment, and rehabilitation.

6

Self-Perceived Academic Honesty

DEANNA L. RICHERT AND DIANE M. KLEINSCHNITZ

Regis University

This study evaluated student familiarity with a university's academic integrity policy and cheating behavior. Students read and/or reflected on the institution's policy and then completed a survey about self-perceived cheating behaviors. Regardless of familiarity with the policy, males were more likely than females to report negative cheating behaviors as acceptable.

Faculty Sponsor: Dr. Rona McCall

7

Aggressive Personalities and Perceived Intentionality of Hurtful Transgressions

WENDEY STOHLER, SUSAN MCNICKEL, LAURA-BETH PENNINGTON,
AND CARMAN BRAMMER

Southwestern College

This study compares subjects' (n=50, athletes and nonathletes) perception of intentionality in hurtful transgressions of loved ones. Subjects completed questionnaires regarding a hurtful transgression from a loved one and assessed whether the perpetrator intended to hurt their feelings. Statistical analysis and implications will be discussed.

8

Predicting Quarterbacks Salaries in the NFL

N. CLAYTON SILVER AND STEVEN MANNING

University of Nevada, Las Vegas

Data obtained from quarterbacks during the 2009 NFL season indicated that those with more than five years of experience had significantly higher salaries than those with less experience. There were no ethnicity differences in salaries. Touchdowns thrown and total passing yards were positively correlated with salary.

Differences in Offensive Player Salaries in the NFL
STEVEN MANNING AND N. CLAYTON SILVER
University of Nevada, Las Vegas

Data from 757 offensive players during the 2009 season indicated that quarterbacks made significantly higher salaries than all other positions. African-American wide receivers and running backs had significantly higher salaries than did Caucasians at those positions. Players with over ten years of experience had the highest salaries.

10

Students' Perceptions of Professor Self-Disclosure
SAMANTHA KNUTH, TODD BAIRD, AND KATHLEEN BAXTER
Weber State University

The appropriateness of student and professor disclosures was measured using the Jourard Self-Disclosure Inventory. Students viewed professor self-disclosure as more appropriate than student self-disclosure in all topic areas measured. An interaction between student sex and the type of professor disclosure was noted.

11

Preservice Teachers' Knowledge of Emotional and Behavioral Disorders
SHANI SHILLINGFORD
University of Northern Colorado

Preservice general education teachers' knowledge of emotional and behavioral disorders (EBD) was examined. Thirty-seven students were administered a survey to test their ability to identify symptoms of EBD. The preservice teachers were knowledgeable of EBD and were able to identify the symptoms of the behavior in students.

Faculty Sponsor: Dr. Nancy Karlin

12

Elementary Teachers' Perspectives on Students With Attention Deficit/
Hyperactivity Disorder

MICKIE SEAMAN AND NANCY KARLIN
University of Northern Colorado

The perspectives of 25 teachers were explored. Teachers are better educated on the symptoms and behaviors of students with ADHD than they are of interventions and treatments. They feel under-educated about medications and treatments.

13

Examining Students Perceived Value Toward a Research Methods Class
MOSHE MACHLEV AND MICHAEL PHILLIPS
University of Northern Colorado

The goal of this study was to explore students' sense of value for a research methods course over a semester. To assess students' interest in learning about research methods a 20-item measure with three subscales was administered. Students' mean score in each category of questions dropped from pre- to post-test.

14

Cultural Differences in the Reinforcement Preference Among Students
From America, Denmark, Korea, Australia, and Spain
KENDRA J. HOMAN¹, PETER G. TAUBER¹, AND ²DANIEL D. HOULIHAN

¹Utah State University and ²Minnesota State University, Mankato
The differences between activities that might serve as reinforcers for high school students from America, Denmark, Korea, Australia, and Spain were examined. Students (n=552) completed a 63-item preferences inventory which examined reinforcing academic and extracurricular activities. The significant differences between American students and international students regarding preferred reinforcing activities are presented.

15

Student Perceptions of Professor Credibility and Appropriateness in the
Classroom: The Influence of Professor Self-disclosure and Nonverbal
Immediacy

KATHLEEN BAXTER AND TODD C. BAIRD
Weber State University

The relationship between instructor self-disclosure, nonverbal immediacy, and three aspects of credibility (competency, goodwill, and trustworthiness) were investigated. Results indicated a relationship between professor self-disclosure, nonverbal immediacy, and competency. Nonverbal immediacy was predictive of the professor's credibility level. Perceived gender differences in disclosure were also discussed.

16

Profiles of Engagement: An Investigation of Transformative Learning
Experiences

KEVIN J. PUGH, CASSENDRA M. R. BERGSTROM, AND BRYDEN
SPENCER

University of Northern Colorado

This study used cluster analysis to develop profiles of engagement encompassing the transformative aspects of learning. Three main clusters (low, medium, and high) and seven subclusters were identified. Students in clusters representing higher levels of transformative engagement performed significantly better on a learning assessment.

17

The Effects of Documentation on Young Children's Memory

BETHANY K.B. FLECK, MICHELLE LEICHTMAN, AND DAVID PILLEMER
Metropolitan State College of Denver

This study examined the impact of an educational approach called Documentation on preschool and kindergarten speech and learning. Children's episodic and semantic memory were assessed after exposure to documentation, enriched worksheets, or neither. Results indicated that documentation enhanced semantic memory and on-topic speech for children over the control condition.

Neuropsychology 1

Oral Paper Session, Friday, 2:10 – 3:10 pm, Mill Creek

Moderator: SHAWN POWELL, Casper College

2:10

A Picture is Worth a Thousand Words: Effects of Emotional Distracters on Executive Task Performance

DANIELLE BOWMAN AND SOMMER THORGUSEN

University of Utah

Research suggests that executive functions may become transiently disrupted by emotional stimuli. Response latencies were measured within a Stroop color-naming paradigm in the presence of lexical or visual emotional distracters. Visual distracters led to longer response latencies than did lexical distracters, especially for images with negative emotional content.

Faculty Sponsor: Dr. Yana Suchy

2:25

Firefighters and Coronary Artery Calcium Screening: The Effect of Psychological Awareness on Behavioral Influence

BRETT BEMIS, PENNIE S. SEIBERT, SAMANTHA GAGNON, JULIE SCHOMMER, AND STEVEN L. WRITER

Saint Alphonsus Health System and Boise State University

We are conducting a study to enhance the identification of coronary artery disease with the use of calcium screening. This study is designed to advance knowledge of coronary calcium screening while assessing psychological and behavioral outcomes pertaining to awareness of coronary artery risk among a local fire department population.

2:40

Electrophysiological Evidence of Dissociations Between Parallel and Serial Response Selection in Skilled Typists

A. EVE MILLER, GORDON LOGAN, AND DAVID STRAYER

University of Utah

Our data suggests that parallel response selection occurs as typists typed words but not non-words. Amplitude in the lateralized readiness potentials (LRP) of words was shown to decrease for the first keystroke as progressively more keystrokes were activated in the opposite hand, supporting parallel response selection.

2:55

The Necessity of Considering Social and Psychological Variables in the Quality of Life Debate

SAMANTHA GAGNON, PENNIE S. SEIBERT, JULIE SCHOMMER, AND CHRISTIAN G. ZIMMERMAN

Saint Alphonsus Health System and Boise State University

Defining quality of life is a dilemma that frequently occurs in the event of traumatic brain injury. Universally accepted definitions of what constitutes life do not exist. We discuss the void in current assessments and the necessity to consider intervening psychological and social variables vital in assessing outcomes.

RMPA SYMPOSIUM

Should Hypersexual Disorder
Be Included in the DSM-5?

A Report on the Findings from the UCLA Independent
DSM-5 Field Trial for Hypersexual Disorder

Friday 2:10 – 3:10 pm

Parleys 2

RORY C. REID, University of California Los Angeles
AND BRUCE N. CARPENTER, Brigham Young University

This presentation will educate attendees about the purpose and objective of a DSM field trial and specifically discuss their experience interviewing some of the patients who have participated in the DSM-5 field trial for hypersexual disorder. The presenters will also report some of the preliminary findings for the DSM-5 Independent Field Trial for Hypersexual Disorder, including description of the diagnostic measures used. Additional information will be reported based comorbid psychopathology among subjects in the field trial as well as other interesting research related to this phenomenon.

APA how to publish

APA PRESENTS
G. STANLEY HALL LECTURER

Does Choice Mean Freedom and Well-being?

Hazel Rose Markus

Stanford University

Friday 3:20 – 4:20 pm

Wasatch 4

Moderator: Richard Miller, University of Nebraska Kearney

North Americans live in a political, social, and historical context that values personal freedom and choice above all else, an emphasis that has been amplified by contemporary psychology. Among middle-class North Americans, choice increases motivation, happiness, and longevity. But does the act of choosing have the same meaning and consequences across cultural contexts? This talk examines how sociocultural factors such as nation and social class shape the experience and consequences of choice. Using laboratory experiments, surveys and field studies, findings show that in comparison to middle class North Americans, working class North Americans, as well as South Asians are less likely to construe their behavior as driven by individual choices or to choose according to their preferences. Other studies find that even when choice can foster freedom, empowerment, and independence, it is not an unalloyed good. An emphasis on choice can also promote a lack of empathy, victim-blaming, and a reticence to endorse policies that promote social welfare. I conclude with the suggestion that psychologists should be wary of assuming that choice as understood by educated European Americans is a universal aspiration, and that even in European American contexts, the path to well-being may require striking a balance between the positive and negative consequences of proliferating choice in every domain of life.

RMPA would like to thank the American Psychological Association's Education Directorate and the Society for the Teaching of Psychology (APA Division 2) who sponsored this program.

Oral Paper Session, Friday, 3:20 – 4:20 pm, Mill Creek

Moderator: AZENETT GARZA, Weber State University

3:20

The Effect of Gender and Ethnic Identity on Mood, Self-Efficacy and Health Behaviors

JESSE VALDEZ, BEN SALAZAR, COURTNEY MORRIS, AND BETHANY FIEBELKORN

University of Denver

The effects of gender and ethnic identity on the relationship between mood, self-efficacy and healthy behavior were explored. Ethnic identity, mood, self-efficacy and health behaviors were measured in a group of 145 participants. Results showed that mood and self-efficacy were greater predictors of healthy behavior in females than in males.

3:35

Study of Quality of Life Outcomes for Four Approaches for Prostate Cancer

SUZANNE ZAVODNI AND DONALD STRASSBERG

University of Utah

Men (n=334) underwent surgery for prostate cancer. Urinary and erectile functioning at 9 months were evaluated by surgery method (Open vs. Robotic) and degree of nerves spared. Greater nerve sparing was significantly associated with better erectile function while surgery method had little effect on either urinary or erectile functioning.

3:50

Health-Related Behaviors of First-Year University Students

CODY CHIPP, CHRISTIANE BREMS, AND MARK E. JOHNSON

University of Alaska Anchorage Center For Behavioral Health Research And Services

Transitioning from high school to college is associated with weight gain. Little information exists about the role of self-efficacy and motivation related to weight management during this period. This study longitudinally examined weight management and associated psychological constructs (self-efficacy and motivation) during this transition period.

4:05

The Relationship Between Attachment Theory as Manifested in Current Close Relationships and Strategies of Coping with Weight-Related Guilt and Shame in the Clinically Obese

CARRIE MERINO

Westminster College

Within group differences in how strategies for coping with weight-related guilt and shame influence adult attachment in obese individuals seeking bariatric surgery were examined. Preliminary results indicated greater psychological distress, utilization of negative coping strategies, and greater insecure attachment styles in this population.

Faculty Sponsor: Dr. Laura Bennett-Murphy

3rd Annual RMPA Terror Management Symposium

Politics, Self-Portraits, Immigration, and Recreational Soccer: Four Tests of Terror Management Theory

Friday 3:20 – 5:20 pm

Parleys 2

Moderator: BRIAN L. BURKE, Fort Lewis College

To mark the third decade of research on terror management theory (TMT), which postulates that investment in cultural worldviews buffers death anxiety, this symposium features four different though complementary presentations testing TMT's applications to politics, self-stereotyping, worldview defense strategies against U.S. immigration (e.g., assimilation vs. annihilation), and soccer aggression.

Death Goes To The Polls: How Terror Management Affects Political Attitudes

BRIAN L. BURKE, Fort Lewis College

SPEE KOSLOFF, Michigan State University

MARK J. LANDAU, University of Kansas

We meta-analytically tested the effects of mortality salience (MS) on voting and political attitudes. MS yielded a large effect ($r = .47$) on political decisions, reaching the 95th percentile for social psychology and exceeding the effect size for MS in general ($r = .35$). Both competing political theories—conservative shift versus heightened worldview allegiance—garnered significant effect sizes, though the later produced a directionally larger effect size. Discussion focuses on reconciling apparently conflicting findings.

Mortal Self-Portraits: How Terror Management Affects Judgments of Self and Others

JESSICA R. HARGETT & BRIAN L. BURKE, Fort Lewis College

This study investigated how individuals rate men, women, and self on common personality characteristics when death is made salient. Results indicated a significant effect of death on women's ratings but not men's. Under the death prompt, women considered themselves significantly more judgmental, moody, materialistic, easily embarrassed, and rated their own personalities as adhering significantly more to negative female trait stereotypes.

Terror Management Defenses: How Mortality Salience Affects U.S. Immigration Policy

TAMARA L. CALNAN & BRIAN L. BURKE, Fort Lewis College

Although people across the globe embrace many different techniques in order to cope with the knowledge of their imminent death, self-esteem appears to be a key part of the anxiety buffering mechanism. This study assessed whether self-esteem affects decisions regarding immigration under mortality salience (MS). Results indicated that there may be an interaction such that death reminders caused high self-esteem participants to endorse less tolerant immigration solutions, whereas those lower in self-esteem were not affected by the mortality salience in this case. Further, psychology majors and Democrats showed higher tolerance for different others than their counterparts in our sample.

Death And Soccer: How Terror Management Affects Player Perceptions of Aggression

KARLIE C. ANDREAS & BRIAN L. BURKE, Fort Lewis College

The purpose of this study was to determine how death anxiety (MS) affects physical and verbal aggression toward an opposing team or referees during a recreational soccer match. Results indicated a trend towards inaccurate self-reported aggression, such that participants in the MS group were less accurate when reporting aggressive behavior than the dental pain control group: Participants in the MS group reported being less aggressive than was actually observed by the rater. Gender patterns in aggression (actual vs. self-report) are also discussed.

5 **RMPA AND THE UTAH LOCAL COMMITTEE
INVITED SYMPOSIUM**

**The Staying Power of B. F. Skinner's Stamp
on Psychology**

Friday 3:20 – 5:20 pm

Parleys 1

Organizer and Respondent: HAL MILLER, Brigham Young Univ.

Presentations:

Skinner as Behaviorist, Skinner as Pragmatist

HAL MILLER AND DIEGO FLORES, Brigham Young University

Applied Behaviorism and Autism: Engagement and Expectations

MIKLE SOUTH AND JESSICA PALILLA, Brigham Young University

Education Beyond the Skinner Box: An Examination of University Teaching and Learning after Skinner

JEFFREY S. REBER, Brigham Young University

B.F. Skinner's Accidental Legacy in Marriage Therapy: The Cause or the Consequent?

JOSEPH OSTENSON, Brigham Young University

Special Thanks!

RMPA would like to thank
JEFFREY DYCHE (US Air Force Academy)
and **NATE MEDEIROS-WARD** (University of Utah)
for their help with editing the program
for this year's conference!

Thanks

Psychology and Law

Oral Paper Session, Friday, 4:30 – 5:30 pm, Mill Creek

57

Moderator: STEVEN M. ELIAS, New Mexico State University

4:30

The Effects of Jury Deliberations on Verdicts and Perceptions of Guilt in Trials Involving Police Deception during Interrogation

WILLIAM DOUGLAS WOODY¹, KRISTA D. FORREST², JOSHUA M. STEWART¹, SKYE A. WOESTEHOFF¹, ALEXIS T. WALKER¹, GENIEVA BARFIELD¹, CHRISTOPHER SHERIDAN¹, RYAN BROWNING¹, CHRISTOPHER LYSLO¹, JOSEPH TAMAYO¹, KARLEE PROVENZA¹, ELIZABETH J. GIBBONS¹, DIANA M. HERRELL¹, AND RYAN MATTSON¹

¹University of Northern Colorado; ²University of Nebraska, Kearney

We evaluated juries' verdicts and individual jurors' pre- and post-deliberation decisions in a case involving false-evidence ploys within police interrogations. We found evidence for leniency bias in jury decisions and powerful effects of deliberation on individual jurors. We discuss implications of these findings for attorneys, expert witnesses, and police interrogators.

4:45

Traumatic Brain Injury in Offender Populations: A Meta-Analysis

THOMAS J. FARRER AND DAWSON W. HEDGES

Brigham Young University

Previous studies have attempted to delineate the relationship between brain injury and criminal behavior but with variable results. This meta-analysis aggregated prevalence rates of brain injury among specific offender groups. Results support the notion that brain injury is common in offenders and could contribute to the etiology of criminal behavior.

5:00

"All His Sexless Patients": Persons with Mental Disabilities and the Competence to Have Sex

MICHAEL L. PERLIN AND HEATHER ELLIS CUCOLO

New York Law School

This paper will consider the competency of persons with mental disabilities to consent to sexual relations, focusing on (1) the viability of a unitary definition of competence, (2) the constant factors to be considered in seeking to create such a definition, and (3) why this topic is so underdiscussed.

5:15

The Effects of Interrogator Gender and Personal Space Violation on False Confessions

DESTINEE NELSON, KYLE BRANDYBERRY, AND ADRIANNE WHITE

University of Nebraska at Kearney

Previous research suggests male and female participants are more likely to falsely confess when questioned by a female interrogator. However, these studies did not account for the proximity of the interrogator to the suspect. This study examined the effects of interrogator gender and personal space violation on suspects.

Faculty Sponsor: Dr. Krista Forrest

Psi Chi Award Winners

Oral Paper Session, Friday, 4:00 – 5:30 pm, Blue Spruce

Moderators: STEVE BARNEY, Southern Utah University, and LESLIE CRAMBLET ALVAREZ, Adams State College

4:00

The Effects of Initial Recall Testing on Misinformation in the Social Contagion Paradigm

MARK J. HUFF¹, SARA D. DAVIS², AND MICHELLE L. MEADE²

¹University of Calgary; ²Montana State University

In two experiments, participants were given no test, a test without feedback or a test with feedback prior to receiving misinformation about previously studied visual stimuli of household scenes. Results indicated that participants who had been tested initially did not demonstrate retrieval-enhanced suggestibility.

4:15

An Empirical Investigation of National Depression Screening Day: Treatment Effects

BRIAN P. HANSEN, TYLER R. PEDERSEN, JOHN C. OKIISHI, AND THOMAS GOLIGHTLY

Brigham Young University

This study tracked 120 students over 5 years recruited through NDS and analyzed psychotherapy outcome of NDS referrals vs. 'typical' referrals/patients. NDS referrals were more distressed than typical clients. NDS clients experienced substantially more improvement than typical clients and reached some students who were significantly distressed and who benefited from psychotherapy.

Faculty Sponsor: Dr. Michael Lambert

4:30

The Effects of Heterosexism on Schematic Memory: Do Heterosexist Individuals Exhibit Selective Memory for Information about Gays and Lesbians?

LARISSA MCGARRITY

University of Utah

An experiment was performed to determine whether memory for information about gays and lesbians is influenced by pre-existing prejudices. Results revealed negative correlations between heterosexism level and stereotypical, counter-stereotypical, and overall memory, suggesting that low-heterosexism individuals may retain a more complete picture of sexual minorities after encountering information about them.

Faculty Sponsor: Dr. David Huebner

4:45

A New Measure to Differentiate Between the Autism Spectrum and Schizoid Personality Disorder

PETER D. MARLE, CAMILLE S. RHOADES, FREDERICK L. COOLIDGE, AND PATRICIA L. MONAGHAN

University of Colorado at Colorado Springs

This study demonstrated the ability of a new 45-item measure (Coolidge Autistic Symptoms Survey; CASS) to differentiate significantly (ANOVA) among syndromes in the autistic spectrum (but not between them), schizoid personality disorder traits, and controls (n=73). The CASS had excellent internal scale reliability ($\alpha=.97$; $n=73$) and test-retest reliability ($r=.91$).

5:00

Maternal Depression and Pitch Modulation in Infant Directed Speech: Roles of Demographic and Diagnostic Factors

LAURA PORRITT AND PETER KAPLAN

University of Colorado Denver

The effects of maternal depression, key demographic variables and diagnoses of major depression, anxiety disorder, and co-morbid depression/anxiety on the extent of pitch modulation in maternal infant-directed speech were examined. Pitch modulation was significantly negatively correlated with maternal self-reports of depression.

5:15

Avoiding the Effort Burden: Women's Motivation for Male-Dominated Fields as a Function of Effort Expenditure Concerns

LAUREN HAWTHORNE, MEG HUNTOON, RYAN VICTOR, AND JESSI L. SMITH

Montana State University

Woman may opt out of male-dominated fields because of worry that their required effort would be atypically great. Women were introduced to a fictitious male-dominated graduate program. Results showed women spontaneously adopted concerns about effort expenditure (Study 1) and manipulated effort expectations (Study 2) affected motivation to pursue the domain.

PSI CHI AWARD WINNERS
will receive their awards
during the Psi Chi Awards
Ceremony and Raffle,
Friday at 6 pm in the
Blue Spruce room



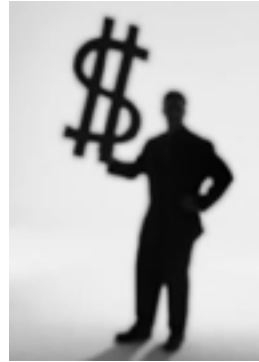
APA SYMPOSIUM

DEBT, SALARIES, AND CAREERS IN PSYCHOLOGY: WHAT YOU NEED TO KNOW

Friday 4:30 – 5:30 pm
Red Butte

Moderator: NANCY KARLIN,
University of Northern Colorado

Presenter: TANYA A. MULVEY,
American Psychological Association,
Center for Workforce Studies



The most recent national level data on education, employment, salaries, and debt for those at the graduate level will be presented. Discussion of these data will include: demographic shifts in psychology; degrees awarded; sources of support; employment status, setting, and field; starting and average salaries; additional resources; and career information.

RMPA EARLY CAREER AWARD WINNERS



- 2003 William Douglas Woody,
University of Northern Colorado
- 2004 Britton Mace, Southern Utah University
- 2005 Michelle Butler, US Air Force Academy
- 2006 Carla Reyes, University of Utah
- 2007 Krista Forrest, Univ. of Nebraska at Kearney
- 2008 Cheryl Sanders, Metro State College of Denver
- 2009 Jeff Elison, Southern Utah University
- 2010 Aaron Richmond, Metro State College
- 2011 *To be announced at the Awards Ceremony*

Social/Population/Environmental Posters

Poster Session, Friday, 4:30- 5:30 pm, Wasatch 1, 2, and 3

1

Neuroticism and Avoidant Attachment Style as Predictors for Cell Phone Dependency
ORLANDO E PISEGNA, KENDRELL PARRISH, AND SERAPHINE SHEN-MILLER

Belmont University

This study examined neuroticism and avoidant attachment style as predictors for cell phone dependency. Results suggested that neuroticism was a marginally significant predictor, while avoidant attachment style was a significant predictor for cell phone dependency.

2

Decreasing College Students' Energy Usage Through a Normative Campaign

JILL MACLEOD, COLLEEN SINCLAIR, PATRICIA ALOISE-YOUNG, ADAM ZALESKI, AND ZACH HORWITZ

Colorado State University

The present study examined whether a media campaign consisting of a series of posters could decrease energy usage among students in university residence halls. As hypothesized, after the social norms campaign was launched, seven out of eight experimental halls reduced their electricity usage whereas none of the control halls did.

3

Motivation: What Factors Encourage Students to Graduate?

KACIE BIRTCHER AND VERONICA ZANINI

Brigham Young University- Idaho

Contributing factors in student's motivation to complete their education were evaluated. Five hundred students were emailed a survey asking them to indicate the level of influence for each motivational factor.

Internal factors, such as satisfaction and self-fulfillment, held more weight than external factors, such as good income and career aspiration.

Faculty Sponsor: Dr. Yohan Delton

4

Political Bias of Party Affiliations in Relation to Political Agreement

DEREK MASON

Regis University

This study investigated whether or not people give more credence to a politician's views based off of party affiliation alone. Participants rated sixteen quotations that were either represented as Republican or Democrat quotations. Participants rated the quotations higher if they were presented as the same party affiliation as them.

Faculty Sponsor: Dr. Rebecca Betjemann

Social/Population/Environmental Posters (cont.)

5

Self-Respect and Disrespect in Adolescents and Emerging Adults: A Factor Analytic Study

JENNA FLYNN, CAMERON BROWN, ALAYNA PURDY, KAITLIN SEVY, TYLER HUNT, AND JEREMY SUN

Southern Utah University

Phase 2 of a three-part investigation of self-respect and disrespect consisted of a factor analysis of questionnaire ratings of items that were based on a previous content analysis of open ended examples of high self-respect, low self-respect, and disrespect. The factor analysis of the data (n=1,187) and its implications are discussed.

Faculty Sponsor: Dr. David Shwalb

6

The Effects of Perceived Control in a Stressful Situation on Self-Infiltrations

ANGELICA MELGAR

Belmont University

Self-infiltrations and perceived control under stress were studied. Twenty volunteers were given a self-discrimination task with stress-induction and either a perceived control or no control manipulation. Although no effect of perceived control under stress was found for self-infiltrations, men were more likely to experience self-infiltrations than women.

Faculty Sponsor: Dr. Lonnie Yandell

7

A Comparative Analysis of Technology And Other Types of Persuasive Influences on Decision Making

LEVI D. ZITTING AND BRITTON L. MACE

Southern Utah University

This study examines which source of influence will have the greatest effect on decision-making when given information from a computer, an expert, and a group. A computerized chess simulation task was used to compare how types of influence mediate decision-making.

8

Measuring the Relationship between College Students' Attitudes Toward the Cognitively Challenged and Aggressive Personalities

CAITLIN MCCURDY, DANA BURDETTE, JORDAN STALDER, SARA VANCE, AND JAMES NOLAN

Southwestern College

We will address correlations between aggression and attitudes toward the cognitively challenged; in particular, relationships with the cognitively challenged, subject (athletes and nonathletes) attitudes, and aggression. College students (n=50) completed a demographics sheet, Multidimensional Attitude Scale on Mental Retardation (MASMR), and the Modified Aggression Survey. Implications will be discussed.

9

The Fundamental Attribution Error Within the Audiovisual Medium
CRAIG FREUND, EMILY KRAKOFF, VICTORIA MARSH, AND BENJAMIN TAYMORE

Colorado College

This study focused on the Fundamental Attribution Error (FAE) within the audiovisual medium. Participants received background information of a professional actor, and then viewed the actor in a short film clip. Results showed that the FAE occurred when evaluating the actor on multiple traits.

Faculty Sponsor: Dr. Emily Chan

10

The Effect of Conformity on Joke Funniness

TOMAS GARCIA, SARAH ROWAN, JASON HATCH, JESSICA PERSING AND NATHAN UNG

Metropolitan State College of Denver

We examined conformity to a gender-based ingroup in how funny jokes are perceived to be, and also how well those jokes are remembered. Preliminary analyses reveal that women conform more to their ingroup for affiliative jokes, but conform more to men for aggressive jokes.

Faculty Sponsor: Dr. Chad Mortensen

11

Altruistic Behavior: Empirically Impossible to Support

DAVID KLAPPOTH, JEFF REBER, AND BRUCE BROWN

Brigham Young University

A meta-analysis was performed to clarify the controversy over the empathy-altruism debate. The meta-analysis was unable to resolve the conflict due to the incongruence of the studies performed on behalf and against the empathy-altruism hypothesis. Case studies show ideal conditions for altruistic behavior yet ethically these conditions never can be recreated for empirical study.

12

'How Many Social Psychologists Does it Take to Screw in a Light Bulb?' A Correlational Study of Personality, Conformity, and Humor Styles

BRADLEY ROWE, BIANCA HOLLEY, LEAH FOYLE, AND JAMES JACKSON

Metropolitan State College of Denver

We will investigate the relationship between previously established measures of humor style, tendency to conform, and personality to determine what, if any, effect these measures have on predicting the perceived funniness of two different types of jokes.

Faculty Sponsor: Dr. Aaron S. Richmond

Social/Population/Environmental Posters (cont.)

13

Temporal Differences in Desire to Control the Physical Environment
DALE JORGENSON

California State University, Long Beach

Responses to an attitude scale which measures the desire to control the physical environment obtained from samples of college students in 1975, 1985, 1995, 2005, and 2010 showed that desire to be higher in the last three time periods than in the first two.

14

The Effects of Diagnostic Labeling on Prejudice, Fear and Stereotyping Attitudes

FREDRICK T. CHIN AND ROBERT SCHATZ

Metropolitan State College of Denver

This study examined the effects of labeling mental illnesses on prejudicial attitudes. Participants read a vignette describing either schizophrenia or depression, and completed a series of measures assessing prejudice. It was predicted that the existence of a salient diagnosis would lead to greater prejudice, especially for schizophrenia.

15

An Examination of Irvine Yalom's Existential Theory of Defenses against Death Anxiety from a Terror Management Perspective

KELLY BRUN CUOMO AND ROBERT T. SCHATZ

Metropolitan State College of Denver

This study tested Yalom's theory of death anxiety defenses. Participants were randomly assigned to the mortality salience or control condition and then completed a questionnaire designed to assess the defense mechanisms proposed by Yalom. We predicted participants in the mortality salience condition would report a higher frequency of defense characteristics.

16

Perceiving Is Believing: Affiliative Tuning of Self-Reported Interpersonal Sensitivity Skills

JUSTIN CHASE, RYAN VICTOR, BETHANY SPRING, AND JESSI L. SMITH

Montana State University

Past research indicates that men self-stereotype as interpersonally insensitive. We examined whether creating a shared reality influences such self-perceptions. We manipulated affiliation motivation and direction of another person's interpersonal sensitivity beliefs. Both men and women high in affiliation motivation tuned their skills to the other's beliefs, even if that belief was negative.

17

My Body is Not My Temple: The Role of Self-Objectification in Pregnant or Parenting Teen's Contraceptive Use

EMILY A. FREEMAN, JESSI L. SMITH, AND LAURA MENTCH

Montana State University at Bozeman

Drawing from objectification theory we tested the hypothesis that girls that experience self-objectification are less likely to use contraceptives. Results revealed that body shame was associated with less protective behavior for pregnant or parenting teens.

18

The Possible Negative Effects of Pornography on Body Image and Self-Esteem

AMY JO CLAFFEY

Boise State University

In this study, men who viewed pornography were more critical of their partner's body than were men who did not. Women were more critical of their own body and less critical of their partner's body than were men; and had more feelings of inadequacy if their partner watched pornography.

Faculty Sponsor: Dr. M. Rose Barlow

19

How Do Narcissists Respond to Mortality Salience?

KIMBERLY FANSLER, ASHLEY SHEMERY, AND WINFORD A GORDON

Western Carolina University

Terror Management Theory (TMT) argues that people change their attitudes to protect self-esteem. Narcissists are very protective of their self-esteem. This study found that TMT's primary manipulation, mortality salience, has a more powerful effect for narcissists.



20

Can the Affect Misattribution Procedure Detect Deception?

VALERIE RUSSELL AND WINFORD GORDON

Western Carolina University

The Implicit Association Test (IAT) can detect deception (Frost et al., 2010). Can the Affect Misattribution Procedure (AMP), another implicit measure of attitude, also detect deception? In this study the AMP did not reveal deception. The discussion explores possible factors leading to the different outcomes for the two tests.

Social/Population/Environmental Posters (cont.)

21

Can Meaningful Neutral Targets work in the Affect Misattribution Procedure?

MEGAN ALBERT, WHITNEY CAMPBELL-BRIDGES, AND WINFORD A GORDON

Western Carolina University

The Affect Misattribution Procedure (AMP) is a reliable implicit measure of attitude. The AMP is robust across variations in form and duration of the prime and neutral target stimulus. In this study meaningful neutral targets significantly disrupted the misattribution effect. Thus, the targets used in the AMP should be meaningless.

22

Development and Validation of the Domestic Violence Myths Scale

BRANDON MEAD, CHANEL CARLILE, MONICA SHIPP, CRAIG PULSIPHER, AND DREW HARLOS

Brigham Young University

The purpose of the two current studies was to understand the various myths concerning domestic violence (DV). The first study developed a measure to examine DV. The second study validated the created measure, the Domestic Violence Myths Scale (DVMS), using a sample of 684 participants.

Faculty Sponsor: Dr. Niwako Yamawaki

23

Individual and Social Factors that Influence Self-Concept Resiliency

EMILY KUBALIK

University of Nebraska at Kearney

This study examined the relationship between individualism/collectivism, tolerance for ambiguity, self-efficacy, and gender on the resiliency of self-concept. Participants completed a questionnaire that included a self-concept inventory, specifically looking at their values, skills, relationships, personality, and goals, the social sources of their self-concepts, and their resistance to self-concept change scale.

Faculty Sponsor: Dr. Richard Miller

24

The Role of Individualism/Collectivism on Implicit Attitudes Toward the Elderly: A Comparison of Japanese and American College Students

MIKA MORIWAKI¹, STEPHANNIE WALKER¹, KIMBERLY B. DUGGINS¹, NARINA L. NUNEZ¹, AND SHINICHI SATO²

¹University of Wyoming; ²Osaka University

This study investigated the role of individualistic/collectivistic values on implicit age attitudes between Japanese and American college students. Results demonstrated that individualism/collectivism predicts implicit age attitudes, but only within the American sample. It was also found that Japanese participants had significantly more negative attitudes toward the elderly than American participants.

25

Females Who Play Video Games: Differences in Mobile Phone Video Game Usage

WILLIAM DEHART AND SCOTT BATES

Utah State University

On average males play video games more often and more intensely than females.

However, mobile gaming (cell phones) has been largely ignored in the literature. The extent and nature of differences between males and females in mobile gaming will be explored with a survey of 200 college students.



26

Exploring the Relationship Between Attitudes Toward Same-Sex Marriage and Interracial Relationships

HEATHER JOHNSON AND AZENETT A. GARZA

Weber State University

The current study examined the relationship between attitudes toward interracial marriage and same-sex marriage. It was predicted that greater support for interracial marriages and greater appreciation for cultural, religious, and sexual orientation diversity would predict greater support for same-sex marriage. Results partially supported these predictions.

27

Factors Facilitating Culturally Relative Worldviews for Expatriates

JORDAN HYDE AND ALEX NORTH

Brigham Young University – Idaho

This qualitative study examined the extent to which expatriates accommodate local worldviews, and the implications of such accommodation on intercultural relations. Participants were interviewed and transcripts were analyzed for themes. Various factors influenced the degree of worldview accommodation. Those who accommodated worldviews expressed more positive relations with the host culture.

Faculty Sponsor: Dr. Samuel Clay

28

Acculturation and Native American Student's Initial Goals for Pursuing STEM Majors

AMBER C. FERRIS¹, MATTHEW D. WIDDEKIND¹, JESSI L. SMITH¹, ERIN CECH², AND ANNEKE METZ³

¹Montana State University; ²University of California, San Diego;

³Southern Illinois University

We examined Native American students' initial goals for pursuing STEM majors as a function of gender and level of acculturation. Results showed everyone valued communal goals more than individualistic goals, especially women who abide by traditional customs. We discuss implications for interventions that emphasize the communal nature of STEM work.

Social/Population/Environmental Posters (cont.)

29

Effects of Home Town Size, Religiosity, and Gender on Perceptions of Global Carrying Capacity and Present Population

BRITA RADZYMSKI, ERIC AYERS, CANDI HOLZER, AND MARC PRATARELLI

Colorado State University-Pueblo

As global population increases and resources continue being depleted, the factors that negatively impact ecological health that sustains human culture must be better understood to achieve environmental sustainability. A survey examined the effects of religiosity, gender and hometown size, showing that all three significantly impacted people's misconceptions of Earth's carrying-capacity.

30

Maladaptive Behaviors Among Young-Adult Females Assessed with Levels of Self-Esteem and Social Contributing Factors

LINDSEY N. SISSOM, DIANE E. BATTAGLIA, VANESSA ZULLO, CASEY COCHRAN, ATHENA TORRES, AND GEORGE PARROTT

California State University, Sacramento

The relationships between self-esteem, competitiveness, BMI, and maladaptive behaviors were examined in hostile versus neutral environments. One hundred ninety-five female students were administered inventories on self-esteem, competitiveness and demographics. Females exposed to hostile and competitive situations showed altered levels of self-esteem, which was indicated as a predictor of maladaptive behaviors.

U of Utah social

Psi Chi Award Ceremony and Raffle

Friday 6:00 - 7:00 pm Blue Spruce

Hosts: ERIC LANDRUM (Boise State University),
LESLIE CRAMBLET ALVAREZ (Adams State College),
STEVE BARNEY (Southern Utah Univ.),
and
CADE HULBERT (Boise State University)



You are cordially invited to attend the
WORTH PUBLISHERS
Reception

at the

Rocky Mountain Psychological Association Convention

Friday, April 15, 6:00 to 8:00 pm

Radisson Hotel Salt Lake City Downtown

Wasatch 4



**RMPA would like to thank Worth Publishers
for
their continued support!**

**Top Ten Things to Do in Salt Lake City
on Friday Night**

SATURDAY ACTIVITIES

HAPPY
SATURDAY!



Westminster College of Salt Lake City



invites you to come start your morning off right
with Westminster.



Stop by for a light
continental breakfast and
coffee.

Saturday 8:00 – 9:00
Wasatch 4

HOST: JENNIFER VAN COTT, Westminster College

Teaching of Psychology

Oral Paper Session, Saturday, 8:00 – 9:00 am, Blue Spruce

Moderator: AARON RICHMOND, Metropolitan State College of Denver

8:00

Using Electronic Portfolios for Student Engagement and Assessment
JEANNE BUTLER

University of Nebraska Kearney

This presentation addresses the use of electronic portfolios for assessment of student learning and as a means of engaging students in the learning process. The presentation will provide examples of how an electronic portfolio can be used to assess and enhance students' acquisition of the APA Undergraduate Goals and Learning Outcomes.

8:15

Developing a Psychology Course on Mindfulness

BETHANN BIERER

Metropolitan State College of Denver

The ancient construct of mindfulness has become a current issue for psychologists. This paper will explore the issues inherent in developing courses that address mindfulness as a valid academic subject that can enhance the curriculum and facilitate student development.

8:30

Using Role Reversal

PETER L. KRANZ

University of Texas - Pan American

A successful action learning technique is to have students sit on the floor, close their eyes, and imagine that their skin color is of another racial group. In this process, everything in their lives is to remain the same except for their skin color. This exercise is clearly unsettling for many students because they realize that their lives would be very different.

8:45

Structuring the Capstone Experience in Psychology

THERESA A. WADKINS AND RICHARD L. MILLER

University of Nebraska Kearney

In academia, a capstone usually refers to a course or project that synthesizes the knowledge learned during a student's academic career. We briefly outline the learning objectives that are generally associated with the capstone experience, describe a number of different approaches to the capstone experience in psychology, and relate the capstone experience to assessment.

Learning/Memory/Cognition/Animal Experimental/ Physiological Psychology Posters

Poster Session, Saturday, 8:00- 9:00 am, Wasatch 1, 2, and 3

1

The Effects of Anxiety on Language Production in Young and Older Adults

NICHOL M. CASTRO AND LORI E. JAMES
University of Colorado at Colorado Springs

This study examined whether anxiety and aging increase speech disturbances. Young and older participants described high arousal and neutral images. Speech was expected to be less fluent for high arousal than neutral images, and for older than younger adults, with an interaction between the two variables.

2

Effects of Priming on Tip-of-the-Tongue States for Young and Older Adults

SHALYN OBERLE AND LORI E. JAMES
University of Colorado at Colorado Springs

We tested whether rates of tip-of-the-tongue (TOT) states for celebrity names differed when a target was preceded by a semantically-related celebrity with the same first name compared to an unrelated celebrity. Fewer TOTs occurred following related primes, with older adults experiencing a larger priming effect than younger adults.

3

The Effects of Gestures on Speech Production

ALLISON M. DOUGLAS AND LORI E. JAMES
University of Colorado at Colorado Springs

We examined whether gestures benefit speech production for participants describing static and active images. Speech was expected to be less fluent for participants not allowed to gesture, and speech fluency was expected to benefit more from gestures when describing active than static content.

4

Effects of Laboratory Stressors and Cortisol Response on Proper Name Retrieval

LORI E. JAMES¹, MICHELLE A. HENDRICKS², ASHLEY GUNN¹, CHRIS SCHMANK², AND TONY W. BUCHANAN²

¹University of Colorado at Colorado Springs; ²Saint Louis University
We tested whether stress impacts frequency of tip-of-the-tongue (TOT) states when naming pictured celebrities. Laboratory-based anxiety manipulations did not impact TOT rates. However, participants for whom the stressor task elicited a cortisol response had more TOTs overall than participants for whom no cortisol response was elicited.

5

Supra-normal Age-linked Retrograde Amnesia in Patient H.M.
LORI E. JAMES¹, DONALD G. MACKAY², AND ELIZABETH CRANDALL¹
¹University of Colorado at Colorado Springs; ²University of California, Los Angeles

We reviewed results from nine longitudinal and cross-sectional experiments testing amnesic H.M. He exhibited deficits relative to controls in processing low-frequency information on various tasks (e.g., lexical decisions, picture naming). We identified exacerbated effects of aging on H.M.'s deficits, consistent with predictions of binding theory.

6

Cheating When The Stakes Are Low

LESLEY HATHORN, ANTHONY FRANK, RHIANNON HARDIMAN, LAUREN KOLKER, LAUNA LAPORTA, KELSEY MCMASTER, AND LESLEY SUMNER

Metropolitan State College of Denver

This study investigated whether the size of the reward would influence the amount of cheating on a quiz. Results showed that participants cheated when given the opportunity even though the size of the reward was very small. Raising the size of the reward did not lead to increased cheating.

7

Relationship Between Attentional Control and Asymmetrical Priming in a Lexical Decision Task

SHELLY WINWARD AND KEITH HUTCHISON
Montana State University

Participants completed a battery of three attentional control tasks and also performed a lexical decision task with symmetrical or asymmetrically associated items presented in either the forward (e.g., stork, baby) or backward direction (e.g., baby, stork). It was hypothesized that forward, but not backward, priming would depend upon attentional control.

8

The Asymmetric Nature of Language-Based Interference and the Role of Task Difficulty

ANNA GUTIERREZ, SALIF MAHAMANE, MAURA PILOTTI, AND LUPE TRUJILLO

New Mexico Highlands University

This study examined the consequences of inhibiting a language on later use of that language in bilingual speakers. Inhibition of a task-inappropriate language was found to depend on proficiency. The consequences of inhibition depended on the effort demanded by the retrieval of linguistic information from either semantic or episodic memory.

76 **Learning/Memory/Cognition/Animal
Experimental/ Physiological Psychology
Posters (cont.)**

9

Impact of Emotional Arousal on Cognitive Ability
DAYNA NORTHART AND ALEX TEVES
University of Denver

The affect of emotional states on cognitive processing was investigated. Forty-five participants viewed a video intending to arouse a negative emotional state or one to preserve a neutral state, then completed a questionnaire. There was no significant difference in errors between the groups; the negative group finished questionnaires sooner.
Faculty Sponsor: Dr. Ruth Chu-Lien Chao

10

Individual Differences in Cognitive Control: The Simon task under Speed and Accuracy Stressors
JAMES RICHARD COLEMAN
University of Utah

Participants were selected in the upper and lower quartiles of automated operation span task scores. Phase two included an ERP involving the Simon task in which the participant had to perform under speed and accuracy stressors.
Faculty Sponsor: Dr. David Strayer

11

Practical Intelligence and Tacit Knowledge: Towards Defining Its Role in Police Officer Expertise
BROCK LAMM, TERESA Z. TAYLOR, AND PATT ELISON-BOWERS
Boise State University
Phase I of this research involved the development of a Police Officer Tacit Knowledge Inventory learning tool composed of knowledge that represented accrued practical intelligence from experienced Officers. Thirty-nine Officers were interviewed to gather knowledge used in the Inventory and provided subject matter expertise during the development of the tool.

12

The Use of Color versus Black-and-White Images in a Delayed-Match-To-Sample (DMTS) Task
AMANDA NIEGOWSKI, TRISTEN NELSON, KATHRYN HUSS, CHRIS BUCHANAN, AND KARA GABRIEL
Central Washington University
This study examined gender differences in the effect of color on accuracy and latency to respond on a Delayed Match-To-Sample procedure. Color enhanced performance and, while women performed better than did men, a follow-up study is currently underway to determine if this finding primarily resulted from differences under color conditions.

77

13

The Effects of Alcohol and Maternal Separation on Social Interaction in Adolescent Mice
KAYLA CHAMBERS, CHRIS BUCHANAN, AND
KARA I. GABRIEL

Central Washington University
The effects of low doses of alcohol on social interaction in adolescent mice were studied following varying lengths of postnatal maternal separation. Preliminary analysis of alcohol effects on social interaction showed a significant difference in two of the three measured behaviors in the beginning segments of the test trials.



14

Menstruation and Ovulation: The Effect on Emotional Regulation and the Ability to Think Clearly
SEAN VANHILLE, STEVE BARNEY, AND LYNN WHITE
Southern Utah University
Hormones can affect aspects of cognition including inhibition, automatization, verbal abilities, spatial abilities, and creative thinking. However, little research exists on executive functioning across the menstrual cycle. This study targeted 80 women age 18-35 to see if emotional regulation and clear thinking varied between menstruation and ovulation.

15

Linguistic Recursion, Confusion, and Humor
VICTORIA L. WEKAMP AND FREDERICK L. COOLIDGE
University of Colorado at Colorado Springs
Linguistic recursion is touted as a hallmark of language, yet few have delineated its selective value other than stating its creative potential and unlimited expressivity. This study examined linguistic recursion in cartoons in adults. Results suggest recursion may sometimes confuse the listener as to the real intent of the speaker.

16

Stress Exposure and Psychophysiological Reactivity to a Laboratory Stress Task
ALYSON SHINN, HOLLY RAU, PAULA WILLIAMS, MATTHEW CRIBBET, AND HEATHER GUNN
University of Utah
This study examined the relationship between stress exposure and psychophysiological reactivity and recovery to a laboratory stressor. Results indicated that greater stress exposure may dampen psychophysiological arousal to a stressor. Findings are consistent with previously reported negative associations between stress exposure and reactivity, implicating psychophysiological adaptation to negative life events.

78 **Learning/Memory/Cognition/Animal
Experimental/ Physiological Psychology
Posters (cont.)**

17

Language Modality and Encoding Preferences Within Short-term Memory
JESSE R. JAMES

Central Washington University

Memory processes in American Sign Language (ASL) and English were examined in interpreting students who recalled English and ASL word lists. More words were recalled in English than in ASL. Formational and semantic word similarities enhanced recall for ASL words while only semantic similarities aided recall in English.

Faculty Sponsor: Dr. Kara Gabriel

18

Social Contagion and Item Credibility: Is Memory Accuracy Determined by Item Accuracy?

KATYA T. NUMBERS AND MICHELLE L. MEADE

Montana State University

We explored the parameters of the social contagion of memory paradigm by manipulating the proportion of inaccurate items suggested by a confederate. We predicted participants who encountered more false information from a perceived partner would be less likely to adopt misinformation from that individual; this was not the case.

19

Effects of Early Maternal Separation on Subsequent Adult Aggression and Reproductive Behavior in Male Sprague-Dawley Rats

R. SCOT DYKSTRA¹, ANGELA L. LARSEN², AND KARIN J.

BODENSTEINER¹

¹University of Wisconsin-Stevens Point, ²Grand Valley State University

To assess effects of maternal separation on subsequent adult aggressive and reproductive behaviors, male pups were separated from their mothers for 8, 4, or 0 hr every other day from post-natal day 2 through 20. Contrary to expectations, maternal separation did not affect later adult reproductive or aggressive behaviors.

20

The Embodied Representation of Spatial Language

AMANDA-JEAN FOCHS

Weber State University

Support has been accumulating for the idea that perceptual systems are linked with cognitions. An unanswered aspect is how we represent non-literal, spatial language. This research had individuals judge the sensibility of sentences with literal and non-literal uses of vertical spatial terms. Results will focus on the theoretical implications.

Faculty Sponsor: Dr. Aaron Ashley

79

21

The Effect of Task-Cueing on Optimal Decision Making: A Dual Process Account

KATELYN PETERSON, BELIA ALVARADO, BRANDEN BALDWIN, JULIA CASSIDY, ELLEN HIBDON, JUSTIN SHEPARD, AND ERIC AMSEL
Weber State University

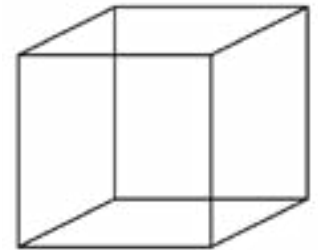
College students completed gambling tasks and assessed their reasoning strategies after either receiving training in risk assessment (Task Cueing), a parallel mathematics task (Mathematics Cueing), or no prior training (No Cueing). Results suggested that Task Cueing had a weak and unconscious priming effect on analytic processing and optimal gambling performance.

22

Can the Necker Cube Measure Attention?

CHRISTOPHER MACEMORE, JESSICA HURLBUT, AND WINFORD GORDON
Western Carolina University

Immersion in nature leads to a recovery of attention (Kaplan, 1995). However, it is difficult to measure attention in remote environments. Results of our research showed that the Necker cube could be used to measure attention, even in remote locations.



23

Spectral Tuning as a Function of Spatial Frequency

KENDALL HOLLER, JAMIE OPPER, AND PATRICK MONNIER

Colorado State University

Using a visual search task in conjunction with a noise-making approach, we estimated spectral tuning with variegated search elements at three different spatial frequencies. Measurements showed that spectral tuning may vary with the spatial frequency of the search elements.

24

Wha'cha listenin' to?? The Effect of Lyrical Content on Memory and Affect

SAMUEL CRIBBS AND ADIA ACKERMAN

Fort Lewis College

This study measured the effects of lyrical content on memory and emotional state. Ninety-five participants listened to the same music with either positive or negative lyrics while reading a short story. Listening to positive lyrics led to higher story recall. Results suggest that lyric content does impact memory.

Faculty Sponsor: Dr. Ava Santos

80 **Learning/Memory/Cognition/Animal
Experimental/ Physiological Psychology
Posters (cont.)**

25

Perceptual Interference: A Replication
AMANDA JEAN GARCIA, AMBER COCKRUM, AND AVA SANTOS
Fort Lewis College

Perceptual interference postulates that prototypical representations interfere with people's nonverbal memories. It has been studied by manipulating people's experiences with novel stimuli. Past experiments, conducted in the south, supported perceptual interference. The current experiments follow the same protocol but were done in the southwest. We hypothesize that the results will be replicated.

26

Genotype-Phenotype Associations In Response to the Intruder Paradigm for Humans

PAUL CHAMBERLAIN, KYLE JAMISON, KATIE TAYLOR, REID ROBISON, PHILLIP WILSON, TIFFANI NEWTON, SARAH VANTASSELL, OLIVER JOHNSTON, MEGAN CHRISTENSEN, JAMES HIGLEY, AND MIKLE SOUTH

Brigham Young University
After comparing Single Nucleotide Polymorphisms in typical developing children and autism groups, the HTR1B SNP and the COMT Val158Met SNP predicted increased skin conductance responses for the autism group but not the control group. The MAOA SNP was associated with increased skin conductance responses in the control group but not the autism group.



27

No Sweat: A Disconnect Between Psychophysiological and Behavioral Anxiety Responses in Autism

TIFFANI NEWTON, MEGAN CHRISTENSEN, KYLE JAMISON, OLIVER JOHNSTON, SARAH VANTASSELL, PAUL CHAMBERLAIN, RANDY GILLILAND, AUBREY COOPER, AND MIKLE SOUTH

Brigham Young University
Typically-developing and autism diagnosed participants completed a human intruder paradigm involving isolation, intrusion by a stranger, and recovery stages. Psychophysiological response was significantly lower in the autism group despite higher trait anxiety. The data highlight a disconnect between physiological and behavioral responses in autism.

81

28

Stranger Danger? Increased Behavioral Reactivity to Threatening Situations in High Functioning Autism
MEGAN CHRISTENSEN, TIFFANI NEWTON, KYLE JAMISON, OLIVER JOHNSTON, SARAH VAN TASSELL, KATIE TAYLOR, JAMES HIGLEY, AND MIKLE SOUTH

Brigham Young University
We analyzed the behavior of children with autism during a provoked-anxiety situation. Responses were coded for movement in five categories: body, head, limb, and facial movements and vocalizations. During situations of heightened threat, the ASD group demonstrated significantly more activity than typical controls.

29

The Effects of Color on Visual Short-Term Memory
ZACHARY BURK, TAELENN JOHNSON, KASSANDRA LARSON, AND ANNALISA ELLSWORTH

Brigham Young University
Participants (n=120) were each shown one of two collages for 30 seconds. After exposure they were asked to report as many objects in the collage as they could remember. Participants who viewed the collage in natural colors recalled more objects than those who viewed the collage in unnatural colors.

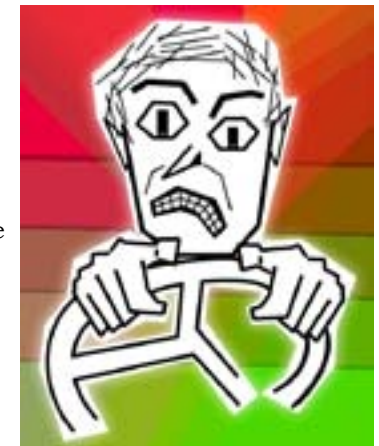
Faculty Sponsor: Dr. Patrick Steffen



30

The Impact of State-Anger on Cognitive Components of Driving
JOANNA LEWIS, HEATHER MONG, JERRY DEFFENBACHER, AND BENJAMIN CLEGG

Colorado State University
The impact of anger on cognitive and driving performance was examined in a simulator study. High anger participants displayed a general range of more negative driving characteristics. However, experimental manipulations suggested how anger was elicited also influenced the nature of the relationship between anger and driving performance.



RMPA Environmental Psychology Panel

The Past, Present and Future of Environmental Psychology

Saturday, 8:00 – 10:00 am *Mill Creek*

PAUL BELL and ROSS LOOMIS, Colorado State Univ.
BARBARA BROWN, University of Utah
BRITTON MACE, Southern Utah University
RICHARD MILLER and WILLIAM WOZNIAK, University
of Nebraska Kearney

“Environmental Psychology” as a specialization had its origins in the 1970s. After growing for 20 years, it is now difficult to find a graduate training program in environmental psychology in the U.S., although it remains a popular specialization in Europe and other parts of the world. APA Division 34 is now known as The Society for Environmental, Population, and Conservation Psychology. A panel of late-, middle-, and early-career environmental psychologists (including Past Presidents of Division 34 and the current Editor of Environment and Behavior) will lead attendees in a discussion of the past, present, and future of the field.



Cultural Psychology

Oral Paper Session, Saturday, 8:00 – 9:00 am, Red Butte

Moderator: DIANE MARTICHUSKI, University of Colorado at Boulder

8:00

Coping with Acculturation: An Investigation of the Effectiveness of Community Center Services on Negative Mental Outcomes Among Migrant Farmworkers

LACIE D. PILAND AND CAITLEN M. RODE

Mesa State College

Migrant farmworkers face many challenges. The present study sought to discover the mitigating effects of social support, as measured by participation at a local community center, on negative mental outcomes. Repeated-measures analysis should reveal the protective effects of social support against anxiety, depression, and acculturative stress among migrant farmworkers.

Faculty Sponsor: Dr. Brian Parry

8:15

Cross-Cultural Relationships

SHANNON BORNHOFT AND BEN CLANCY

University of Nebraska at Kearney

This was a cross-cultural study between US, Japanese, and Hispanic college students, as well as college students in the Czech Republic. In western society, we have specific views on relationships. We were interested in how individualistic cultures, collectivist cultures, and an atheistic culture compare in their views on relationships.

Faculty Sponsor: Dr. Joseph Benz

8:30

Immigration-Related Depression: Varying Relations of Acculturation and Stress by Gender

SARA BAUM AND KEVIN PUGH

University of Northern Colorado

This study investigated acculturation and stress as predictors of depression in Latino immigrants. A curvilinear relationship was found between acculturation, stress and depression, with high (assimilation) and low (separation) acculturation levels more strongly associated with stress and depression. Regression analyses indicated a gender-dependent mediational relationship of stress, acculturation, and depression.

8:45

Effects of Culture on Ratings of Compatibility Based on Social Factors

JOSEPH J. BENZ

University of Nebraska at Kearney

This paper presents the analysis of groups of Chinese, Japanese, Hispanic, American, and Czech students on factors that contribute to romantic and marital compatibility. There are significant differences between the cultural groupings, which are related to the social constructs of independent versus collectivist cultural orientation.

Neuropsychology 2

Oral Paper Session, Saturday, 8:00 – 9:00 am, Parleys 1

Moderator: TODD ALLEN, University of Northern Colorado

8:00

Spatial Learning Deficits and Voxel-based Morphometry Differences in Autism Spectrum Disorder

RYAN R. GREEN¹, JASON SOUTHWICK¹, ERIN D. BIGLER^{1,2}, MOLLY DUBRAY², ALYSON FROELICH², ANDREW L. ALEXANDER³, NICHOLAS LANGE⁴, AND JANET E. LAINHART²

¹Brigham Young University, ²University of Utah, ³University of Wisconsin-Madison, ⁴Harvard University

Spatial learning was examined in individuals with autism and typically developing (TD) controls. Individuals with autism performed more poorly than did TD controls on overall spatial learning and at delayed recall. Voxel-based morphometry differentiated individuals with autism from TD controls in various neurological regions of interest.



8:15

The Impact of a Home Telemonitoring Program and Electronic Health Record on Type II Diabetes Care

LACEY WILLIAMS, PENNIE S. SEIBERT, JULIE SCHOMMER, SAMANTHA GAGNON, AND TIFFANY WHITMORE

Saint Alphonsus Health System and Boise State University
Telemedicine offers an innovative approach towards enhancing diabetes care. Our study was designed to evaluate the influence of home telemonitoring on diabetes management and physical and psychological outcomes with particular emphasis on improving self-management and efficacy. This investigation focuses on participant perceptions of the effectiveness of a telemedicine monitoring program.

8:30

Peak Alpha Frequency as a Predictor of Performance on a Sternberg Paradigm Task in Multiple Sclerosis

R. BROCK FROST¹, JAMES PRICE¹, MICHAEL J. LARSON¹, JOHN F. FOLEY², RAMONA O. HOPKINS¹

¹Brigham Young University, ²Rocky Mountain Multiple Sclerosis Clinic
The relationship between peak alpha frequency (PAF), a measure of cognitive preparedness, and performance on a Sternberg Paradigm Task (SPT), a measure of working memory and processing speed, was examined in a group of MS patients. Modest relationships between PAF and accuracy and speed of response were noted.

8:45

Utilizing Applications of Psychological Science in Designing a Spasticity Program of Research

CATHERINE THOMAS, PENNIE S. SEIBERT, SAMANTHA GAGNON, JULIE SCHOMMER, JEFFREY SHILT, VIVEK KADYAN, AND TARYN LEVY

Saint Alphonsus Health System and Boise State University
Intrathecal baclofen is a treatment used to manage the potentially debilitating effects of spasticity. We have designed a study utilizing a variety of psychological and physiological measures in order to advance knowledge for treatment of spasticity using intrathecal baclofen with the goal of improving patient care and outcomes.

Clinical Psychology 1

Oral Paper Session, Saturday, 8:15 – 9:00 am, Parleys 2

Moderator: DON STRASSBERG, University of Utah

8:15

Control Techniques with Intrusive Thoughts after the Death of a Loved One

CRISTINA BISTRICEAN

Boise State University

This study identified whether intrusive thoughts occurred in bereaved individuals and if so, did using a control technique help eliminate the intrusive thoughts. Adults were drawn from a community sample in the rocky mountain area and completed questionnaires to identify if intrusive thoughts existed and which control techniques were used.

Faculty Sponsor: Dr. M. Rose Barlow

8:30

Reflections on Death: Exploring the Empirical Connections Between Suicide and Divorce

JOSEPH OSTENSON, DAVID HANCOCK, ADRIAN GROW, AND ANTHONY CARLSON

Brigham Young University

This study investigates the relationship between divorce and suicide. An extensive review in both the suicide and divorce literature was performed. Themes relevant to both divorce and suicide are reported. Suggestions for future research, including a call for collaboration between suicide and divorce researchers, are included.

8:45

Assessing Strengths in Residential Treatment: Toward Looking at the Whole Child

SEAN WOODLAND

Brigham Young University

This paper outlines the importance of assessing both within-child and environmental strengths for children and adolescents admitted to residential treatment facilities (RTFs). This theory-based idea fulfills the goals of recent legislation and initiatives. Measures of environmental strengths can bridge the so-called “intake gap.”

Faculty Sponsor: Dr. Mickle South

Neuropsychology 3

Oral Paper Session, Saturday, 9:10 – 10:10 am, Parleys 1

Moderator: CHRISLYN RANDELL, Metropolitan State College of Denver

9:10

Divergent and Convergent Validity of a Brief Neuropsychological Battery
SHAWN POWELL^{1,2}, LAURA STRYKER², KATELYN RHOADES^{1,2}, AND SKYE WEAVER¹

¹Casper College; ²University of Wyoming

The Repeatable Battery for the Assessment of Neuropsychological Status (RBANS; Randolph, 1998) measures dementia and cognitive changes.

The Repeatable Battery for the Assessment of Neuropsychological Status (RBANS; Randolph, 1998) measures dementia and cognitive changes.

This study involved 85 individuals referred by physicians or surgeons for evaluation. Correlations suggest the RBANS's individual subtests measure distinct cognitive abilities while its five index scores were not generally supported.

9:25

Comparing and Contrasting Stroke Intervention through the Utilization of Physical and Psychological Assessment

JULIE SCHOMMER, PENNIE S. SEIBERT, SAMANTHA GAGNON, AND CHRISTIAN G. ZIMMERMAN

Saint Alphonsus Health System and Boise State University

The prevalence of stroke and its potentially devastating consequences illustrates the need to analyze interventional and treatment modalities. In our study, we compare stroke intervention modalities and subsequent outcomes utilizing a combination of physical and psychological variables with the goal of improving understanding and utilization of best treatment practices.

9:40

Stroke among Men and Women: Comparative Assessment of Psychological and Medical Implications

NICHOLE SILVEIRA, PENNIE S. SEIBERT, SAMANTHA GAGNON, JULIE SCHOMMER, AND CHRISTIAN G. ZIMMERMAN

Saint Alphonsus Health System and Boise State University

The prevalence of stroke is high in the United States, and its effects on men and women have been shown to vary significantly. We have gathered and analyzed data which may elucidate the psychological implications of stroke between the sexes and suggest future measures when considering best practice.

9:55

The Psychological Influence of Pain on Medical Decision Making: An Exemplary Case of Bertolotti's Syndrome

MADELINE CONNLEY, PENNIE S. SEIBERT, JULIE SCHOMMER, SAMANTHA GAGNON, ANN-MARIE YOST, AND CHRISTIAN G. ZIMMERMAN

Saint Alphonsus Health System and Boise State University

Risk and value influence medical decision making, but pain can shift the balance. We report a case of Bertolotti's syndrome and evaluate potential treatment decisions. Furthermore, we analyze the efficacy of surgical intervention with consideration to the psychological influence that chronic pain has on decision making and comprehending risk to benefit.

Council on Undergraduate Research Symposium

Students'
Understanding of the
Scientific Process:
Transformation or
Stagnation?



Saturday 9:10 – 10:10 am
Parleys 2

Presenters:

ADAM JOHNSTON,

Department of Physics, Center for Science and Mathematics Education, Weber State University

ERIC AMSEL, Department of Psychology, Weber State University

Although a great deal of evidence suggests many benefits for students involved in undergraduate research, our own research sees a divide between what is learned by undergraduate researchers and what is hoped for by faculty mentors. We offer a review of current research and an interactive discussion about the goals for undergraduate research.

Clinical/Personality/Psychopharmacology/ Psychopathology Posters

Poster Session, Saturday, 9:10- 10:10 am, Wasatch 1, 2, and 3

1

Exploring Facets of Personality in Hypersexual Adult Patients with ADHD
AUSTIN CHRISTENSEN¹ AND RORY C. REID²

¹Utah Valley University; ²University of California Los Angeles

We investigated facets of personality in two samples of hypersexual patients with and without adult ADHD. Both groups showed clinical elevations for depression, anxiety, impulsivity, and stress proneness. ADHD patients showed greater deficits in planning, organization, self-discipline, and tendencies to make decisions without considering the consequences.

2

Family of Origin Dynamics and Hypersexual Behavior in Adulthood
JAMIE ROMERO-GRAFF¹ AND RORY C. REID²

¹Utah Valley University; ²University of California Los Angeles

This study investigated relationships between family-of-origin dynamics and hypersexuality in adult men. Results diverged from existing literature as no significant associations with hypersexual behavior were found. Interestingly, the hypersexual patients reported healthier family-of-origin dynamics when compared to the general psychiatric patient group.

3

Facets of Perfectionism Tendencies in a Patient Sample of Hypersexual Men

JASON OLSON¹, RORY C. REID², AND BRUCE N. CARPENTER³

¹Utah Valley University; ²University of California Los Angeles; ³Brigham Young University

Using regression analysis, the present study sought to determine which aspects of perfectionism might directly exert an influence on the levels of hypersexual behavior in a treatment seeking sample of adult men (n=136). Excessive concern over mistakes and a lack of planning emerged as the strongest predictors.

4

Suicide Risk and the Impact of Suicide on University Students
RYAN CORNELIUS, TODD BAIRD, MELISSA MEYER, JENNIFER BENCH,
AND ELIZABETH WALDROP

Weber State University

Suicide risk is increasing among college students. Results showed considerable suicide risk among university students. Almost 60% of students know someone who has attempted or completed suicide. Participants demonstrated a low knowledge base of suicide in general. Existing models and interventions pertaining to suicide are discussed.

5

Relationship Status and Religiosity as a Predictor of Suicide Risk
ELIZABETH WALDROP, TODD BAIRD, RYAN CORNELIUS, JENNIFER BENCH, AND MELISSA MEYER

Weber State University

The current study examined the correlation of suicide risk with relationship status and religious affiliation in college students. No correlation was found between relationship status and suicide risk. However, religious affiliation was found to be predictive of suicide risk. These findings partially support national data.

6

Avoidance Factors in Help-Seeking and Common Coping Strategies
RYAN CORNELIUS, TODD BAIRD, MELISSA MEYER, JENNIFER BENCH,
AND ELIZABETH WALDROP

Weber State University

This study examined barriers in seeking counseling help and the methods employed by students in dealing with psychological distress. Results found that 85% of students believed that they could handle their problems by themselves, and the most common form of coping was found to be turning to a family member.

7

Comorbidity of Substance Use and Depressive Symptomology:
A Retrospective Analysis of Their Relation and Trajectory Across
Adolescence

AMY TREVETHAN

Weber State University

The relationship between adolescent comorbid depressive symptoms and substance use was examined. A retrospective assessment by college students was used wherein levels of stress, depressive symptoms, and substance use from adolescence were reported. Findings highlight the role of stressors in the comorbidity and developmental trajectories of these disorders across adolescence.

Faculty Sponsor: Dr. Eric Amsel

8

Complaining behind Your Back: An Investigation of How Neuroticism and
Written Self-Disclosure Affect Relationship Quality

KATIE HIRAI¹, CHARLOTTE TOMEVI¹, AMBER WILLIAMS¹, KIMBERLY
MCADAMS¹, AND BRENT DONNELLAN²

¹Boise State University; ²Michigan State University

Neuroticism may be related to negative behaviors that affect relationship outcomes, such as disclosing negative information about the relationship to sources other than one's partner. Results from a daily diary study indicate that written disclosure about relationship conflict partially mediated the association between Neuroticism and relationship quality in the short-term.

90 **Clinical/Personality/Psychopharmacology/
Psychopathology Posters (cont.)**

9

Predicting Marital Conflict According to the Shared Reality of Marital Couples

CHARITY KEMP

Brigham Young University

This study examined whether the similarity in partners' perceptions of division of labor predicts marital conflict. Greater discrepancy in perception predicted higher conflict while similar perceptions predicted lower conflict. Results showed that perception discrepancy accounted for 33% of the variance in distinguishing high vs. low conflict couples.

Faculty Sponsors: Dr. Bruce Brown and Dr. James Harper

10

Should Master's Level Counseling Students Acquaint Themselves with the Positive Psychology Movement?

PIT KOLODINSKY, VINCENT SCHRODER, AND BENNET EDGERLY

Northern Arizona University

Counselor Educators' opinions about the relevance of positive psychology (PP) research to the training of counseling students was explored. Over 100 Counselor Educators completed an online survey, and 10 longtime Counselor Education leaders were also interviewed in depth. Counselor Educators highly value PP research outcomes yet are not training accordingly.

11

Psychological Adjustment and Wellness of Mental Health Practitioners in Training

GARY L. TENNEY AND WILLIAM E. MARTIN, JR.

Northern Arizona University

The factors cited in academic literature relating to psychological adjustment and wellness of mental health practitioners in training were examined and analyzed. A total of 734 factors were identified from 65 articles and grouped into 17 categories that describe issues of trainee adjustment and wellness.

12

When the News Gets You Down: Is Source of News Media and Optimism for the Future Related?

LYNN H. WHITE AND DANIEL SHAKESPEARE

Southern Utah University

Americans get their news from multiple sources: TV, newspaper, radio, the internet, family, and friends. Does media source have an impact on levels of optimism for the future at the local, state, national, and global levels? Participants completed the LOT-R and an investigator-designed survey. Results will be discussed.

13

An Investigation of Therapist Variability in Benefiting from Feedback Interventions

MATTHEW KAHLER, MICHAEL LAMBERT, AND KENICHI SHIMOKAWA
Brigham Young University

The therapist effects on the implementation of the Outcome Questionnaire-45 (OQ-45) feedback system were examined. While the OQ-45 measure has been proven effective in a number of studies, the question arises as to whether the mean effect masks the variability of individual therapists' degree of profitability from feedback.

14

Examining the Relationship Between Religious Orientation, Same-Sex Marriage, Interracial Marriage, and Attitudes Toward Immigrants
MARYAM AHMAD¹, AZENETT GARZA¹, ROBERT HITLAN², AND HEATHER JOHNSON¹

¹Weber State University; ²University of Northern Iowa

The current studies examined the relationship between religious orientation and various social issues. Quest and intrinsic religious orientations were predictive of attitudes toward same-sex marriage and homosexuals but not of interracial marriage, illegal immigrants, or African-Americans. Findings suggest religious orientations are not equally predictive of all social issues or groups.

15

Acceptance vs. Distraction for Unwanted Sexual Thoughts

JOSEPH SHERWOOD, JESSE CROSBY, JOHN DEHLIN, AND MICHAEL TWOHIG

Utah State University

An online study compared the effectiveness of two thought control strategies in dealing with unwanted sexual thoughts. After being placed in one of three experimental groups (acceptance, distraction, or control), 189 students recorded the number of sexual thoughts during a three-minute period. Data analysis is currently underway.

16

The Effectiveness of Juvenile Drug Courts as Treatment: A Meta-Analysis

DAVID M. STEIN AND SCOTT DEBERARD

Utah State University

A meta-analysis examining juvenile drug court treatment programs was conducted. Demographic and psychosocial predictors of effect sizes associated with drug court graduation/nongraduation and rearrest rates are summarized. Profiles of teens for whom drug court is most versus least effective are presented and implications for revision of current drug court models are summarized.



92 **Clinical/Personality/Psychopharmacology/
Psychopathology Posters (cont.)**

17

Animal Assisted Therapy for Children with Reactive Attachment Disorder
TRISHA MARKLE, JENNY CHRISTENSEN, PETER CLAYSON, MINA
USCHARAWADI, AND BRIAN REDFORD

Brigham Young University

This is an evaluation of a quality improvement initiative at the Utah State Hospital using animal-assisted therapy (AAT) on three pediatric male participants with reactive attachment disorder. Results indicate a potential novelty effect, with patients showing an initial spike in social variables as AAT was introduced, and a decline as therapy sessions continued.

Faculty Sponsor: Dr. Gary Burlingame

18

Public Perception of Marital Counseling

SHANNON FOLEY

University of Nebraska at Kearney

Public perceptions of marital counseling were examined. Faculty and staff from the UNK and Centennial Public School were surveyed to see how they would respond to various questions and statements about counseling. Counseling was seen as a tool for mending serious issues instead of a tool preventing them.

Faculty Sponsor: Dr. Theresa Wadkins

19

Assessment of Alexithymic, Personality and Personality Disorder Traits in a Non-Clinical Sample

ALISA J. ESTEY, CHARLOTTE A. FRANZIA, AND FREDERICK L.
COOLIDGE

University of Colorado at Colorado Springs

This study investigated the relationship among alexithymic and personality disorder traits, and higher-order dimensions of psychopathology in a non-clinical sample. The results demonstrated that personality disorder traits were correlated with alexithymia. Alexithymic traits were also found to be significantly related to three higher-order dimensions: neuroticism, extraversion (negatively), and insensitivity.

20

Personality Type on Helpfulness with Regard to Social Influence

CAYLA R. BUSHMAN, DAVID T. LEE, AND COLLEEN M. PIERCE
Colorado State University-Pueblo

The study focused on helpfulness based on introverted and extroverted personality types. Sixty participants completed introverted vs. extroverted and helpfulness questionnaires. The results showed that extroverted people are more helpful.

Faculty Sponsor: Dr. Krista Bridgmon

21

Choosing Your Dissertation Chair in Clinical and Counseling Programs
KRISTA D. BRIDGMON

Colorado State University-Pueblo

This presentation is for students considering or enrolled in psychology related graduate programs and want to successfully finish their doctoral program. The relationship between the dissertation chair and student plays a critical role in completion. This presentation will review considerations on facilitating a productive relationship directed toward a successful defense.

22

Me, Myself and I

KATHERINE ASHBY, GWEN COULSON, AND ANNALISA ELLSWORTH
Brigham Young University

Our hypothesis intended to assess narcissistic behavior in the two domains of grandiose state of mind and severely disturbed social relations, in an attempt to shorten the Narcissistic Personality Inventory (NPI; Raskin & Hall, 1979). The NSI was administered to 105 participants. Possible future directions for the NSI as a measurement of narcissism are considered.

Faculty Sponsor: Dr. Scott Braithwaite

IT'S ALL ABOUT
ME

23

“Positive Porn”: The Use of Sexually Explicit Material in Clinical, Educational, and Healthcare Settings

RANDI SMITH AND MARY ANN WATSON

Metropolitan State College of Denver

Although pornography has been vilified as a symptom of depravity and as a cause of rape, aggression, and marital dissolution, sexually explicit material (SEM) can be used constructively in educational, psychotherapeutic, and medical settings. Surveys of students, clinicians, educators, and medical staff reveal specific uses and impacts of SEM.

24

Experiencing Cognitive Dissonance: The Usefulness of Living Within Dissonant Conditions Considerations Toward an Authentication Model
MEAG-GAN WALTERS

University of Northern Colorado

Individuals strive toward consistency. This theoretical paper acknowledges cognitive dissonance theory as an unconscious method of reducing distress. The conflict experienced by homosexuals in the Christian faith is exemplified. The hidden utility of dissonance to foster growth and authenticity is explored with the aim to impact applications in counseling.

Faculty Sponsor: Dr. William Woody

93

25

Individual and Group Therapy Combined: Are the Effects of the Sum Greater Than the Parts?

BRETT MERRILL, DAVID M. EREKSON, AND MAGIN KEBERT
Brigham Young University

The effects of individual therapy, group therapy, and individual and group therapy combined on psychotherapy outcome were examined using archival data from a university counseling center. Outcome was measured using the OQ-45. Individual and group therapy had similar outcomes, while combined therapy revealed advantages in symptom reduction.

Faculty Sponsor: Dr. Michael J. Lambert

26

The Characterization of Viewpoints of “Successful Aging” Among Community-Dwelling Spanish Speaking Older Adults of Hispanic Origin
ELIZABETH GOSSET-SWANN

University of Utah

This study examined the role of several variables within the context of the paradigm of Successful Aging. Specifically, level of acculturation was measured. Twenty-seven Hispanic elderly persons aged sixty and over were administered three sets of standardized measures to query them about their perceived views of aging.

Faculty Sponsor: Dr. Robert Hill

27

Association Between Heavy Metals and Depression, Anxiety, and Panic: A Cross-Sectional Study

PARKER WOODY, MICHAEL ZHANG, CRAIG PULSIPHER, DAWSON HEDGES, AND BRUCE BROWN
Brigham Young University

Lead and mercury are metals known to affect behavior and cognition from environmental exposure. Less well studied are associations between exposure to other metals and behavior. We investigated the association between urine or blood levels of 11 metals and major depression, generalized anxiety disorder, and panic disorder.

28

Predicting Loneliness from Exercise Motivations

N. CLAYTON SILVER, JEANNINE KLEIN, AND BROOKE HAUCK
University of Nevada, Las Vegas

The purpose of this study was to determine if there are sex and ethnic differences in motivation to exercise and whether these factors would predict loneliness. Caucasians and Asians scored higher on exercise as affiliation than did African-Americans. Loneliness was significantly predicted from the scales of the Exercise Motivations Inventory.

29

Predicting Social Anxiousness from Body Investment

N. CLAYTON SILVER, JEANNINE KLEIN, AND BROOKE HAUCK
University of Nevada, Las Vegas

This study examined whether participants' perception of their body image predicted their level of social anxiety. Interaction anxiety and Audience Anxiety was significantly predicted from the four factors of the Body Investment Scale. There were differences among ethnicities concerning their individual regression models.

30

Using Stages of Change to Predict Recidivism Rates for Criminally Involved Substance Abuse Clients

ALEXANDRA STUMP, JENNIFER SHEETZ, AND SUSAN BECKER
Mesa State College and Mesa County Justice Services

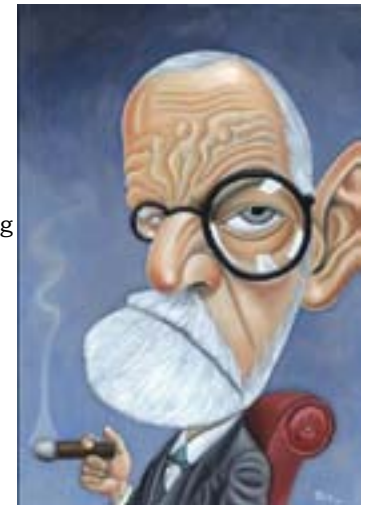
Prevention of relapse and recidivism is the litmus test for substance abuse treatment programs. We are testing the ability of stages of change to predict which criminally involved clients will successfully complete treatment and avoid recidivism. Results will help the treatment program better match treatment approaches for these challenging clients.

31

Impressions about Psychotherapy in the Comics: A Look at Stereotypes and Expectations

SUSAN E. BECKER, AIMEE DENNISON-JONES, KATHRYN LEDWELL, AND MISSKE TJANDRA
Mesa State College

This qualitative study examines typical nonverbal and verbal elements in comics about psychotherapy. Prior research suggests that client stereotypes and expectations influence their likelihood of a successful psychotherapy experience. A number of themes have emerged, including how therapy proceeds, potential models used, and the sex and appearance of the therapist.



Gender

Oral Paper Session, Saturday, 9:10 – 10:10 am, Red Butte

Moderator: LISA HAGAN, Metropolitan State College of Denver

9:10

Targeting Body Image Concerns in College Men via the Internet
CAITLIN SHEPHERD AND CARLEY WESTERSON
Colorado State University

The purpose of this study was to develop an online intervention to increase help-seeking in men suffering from body image concerns. Attitudes and behaviors regarding gender roles, body image concerns, and help-seeking were assessed pre and post intervention. Analyses indicated that the intervention increased help-seeking compared to a control group.

Faculty Sponsor: Dr. Kathryn Rickard

9:25

Correlates of Objectified Body Consciousness
ASHLEY ROWLEY
Mesa State College

Relationships between Objectified Body Consciousness (OBC), attachment qualities and assertiveness were investigated. Over 100 college students completed surveys online. The following relationships were expected: negative correlations between secure attachment as well as assertiveness and OBC; a positive correlation between insecure attachment and OBC; and higher OBC for females than males.

Faculty Sponsor: Dr. Myra Heinrich

9:40

Gender Differences in Aggressive Driving Behavior: The Mediating Role of Feminine Constructs
SARAH BELL AND NATHAN MEDEIROS-WARD
University of Utah

While some of the recent research on aggressive driving behavior accounts for sex differences, very little actually accounts for gender role constructs. This study found that gender role constructs are more predictive of adaptive driving behavior than sex alone, which can have implications for reducing aggressive driving.

Faculty Sponsor: Dr. David Strayer

9:55

Modern Sexism and Antifat Attitudes with the Influence of Pictures
LAUNA LAPORTA
Metropolitan State College of Denver

Modern sexism and antifat attitudes were examined with the use of questionnaires and pictures. Thirty-six students were given two questionnaires and one of two pictures and asked to report their attitudes after viewing the picture. The pictures made no difference on attitudes while men displayed more modern sexism than women.

Faculty Sponsor: Dr. Lesley Hathorn

Psi Chi Symposium

Advice to Undergraduate Students and Faculty Mentors

From the Editors of the *Psi Chi Journal
of Undergraduate Research*

RANDOLPH A. SMITH, Editor (Lamar University)
MARTHA S. ZLOKOVICH, Interim Editor (Psi Chi
Executive Director)

Saturday 9:10 – 10:10 am

Blue Spruce

The presenters will discuss the submission requirements for the *Psi Chi Journal of Undergraduate Research*, including advice to undergraduate students and faculty mentors of student research projects. The speakers will address the submission process, responsibilities of faculty mentors, common mistakes, the review and notification process, and timelines.

Psi Chi Presidential Leadership Symposium: What Makes an Effective Leader?

Saturday 10:20 – 11:20 am

Blue Spruce

ALVIN Y. WANG, Psi Chi Past President, University of
Central Florida
SUSAN AMATO-HENDERSON, Psi Chi President Elect,
Michigan Technological University

This Psi Chi Presidential Symposium will assist students in identifying the qualities of effective leadership. This workshop will discuss and assess leadership skills, with emphasis on how to improve participant's effectiveness as a leader. We plan a highly interactive session which will also identify strategies whereby students can develop their skills as leaders in Psi Chi chapters and other student organizations.

Personality

Oral Paper Session, Saturday, 10:20 – 11:20 am, Red Butte

Moderator: JEANNINE KLEIN, University of Nevada, Las Vegas

10:20

Reactions to Perceived Lack of Choice

BENJAMIN CLANCY

University of Nebraska at Kearney

This study explored personality (just world orientation) and gender differences in how individuals respond to restricted freedom. Participants read scenarios describing four different situations where their freedom of choice was restricted and indicated how likely they would be to accept, refuse, negotiate, reduce effort, compensate or complain.

Faculty Sponsor: Dr. Richard Miller

10:35

Effects of Body-Modifications on First Impression Formation

ABEL M RUIZ¹, SHAWN POWELL², AND SEAN LAURENT¹

¹University of Wyoming; ²Casper College

Thirty college participants made judgments about personal attributes after viewing visual images of individuals with and without body modifications. Participants completed the International Personality Item Pool to assess their personality. Significant differences existed between the images aggregated positive/negative value ($p < .05$) and between overall positive/negative ratings of participants themselves ($p < .001$).

10:50

Understanding the Association between Religiosity and Relationship Quality Using a Preliminary Process Model

KIMBERLY K. MCADAMS¹ AND M. BRENT DONNELLAN²

¹Boise State University; ²Michigan State University

Although previous research indicates that religiosity and relationship quality are associated, it is unclear why this relation exists. Therefore, we examined the ability of several relationship processes to mediate this association. Results indicate that commitment, shared interests, conflict, and problem solving partially mediate the association between religiosity and relationship quality.

11:05

Attributional Determinants of Self-esteem Development, Maintenance, and Regulation

ROB DINDINGER

Brigham Young University

The relationship between perceptions of parenting, attributions around success and failure experiences, narcissism, and self-esteem are being examined. Preliminary findings of 320 participants (projected total 500) indicate that internal and external attributions around success and failure may form a four-factor model for self-esteem development, maintenance and regulation.

Faculty Sponsor: Dr. Jared Warren

Teaching/Education

Oral Paper Session, Saturday, 10:20 – 11:20 am, Parleys 1

Moderator: KRISTA FORREST, University of Nebraska at Kearney

10:20

The Reliability of Direct Observations: An Outdoor Lab for Experimental Methods

STEPHEN BUGGIE

University of New Mexico, Gallup

A teaching lab exercise is presented, suitable for a course in experimental methods. The exercise demonstrates that actual quantitative measurements of a common everyday observable behavior yield stronger interobserver reliability than do subjective estimates of the same behavior. Faculty will be given the lab handout and are invited to use it in their teaching.

10:35

The Role of Intrinsic Motivation in Nontraditional Students' Academic Pursuits

SHANI SHILLINGFORD

University of Northern Colorado

The role of intrinsic motivation in the academic pursuits of nontraditional students was examined. Thirty-five undergraduate students were administered the Academic Motivational Scale (AMS) and asked to rate their motivational orientations in choosing to attend college. The sample endorsed more items of intrinsic motivation than extrinsic motivation or amotivation.

Faculty Sponsor: Dr. Nancy Karlin

10:50

Ethical Challenges: What Almost 20 Years of APA Ethics Committee Reports Tell Us About Psychological Practice, Teaching, and Research

MELANIE M DOMENECH RODRIGUEZ, OLGA FARNSWORTH, AND ANGELA ENNO

Utah State University

This presentation provides a data-based review of APA Ethics Office reports from 1990-2009 published in the American Psychologist. The presentation begins with an overview of the number of inquiries to the Ethics Office and the number of cases opened with a focus on examining the categories addressed in open cases, and concludes with implications regarding these data.

11:05

"I Love You Rituals" for Children with Autism

DEBORAH CARR

Provo School District, Provo, Utah

Children with autism are characterized by decreased or absent reciprocal interactions, eye contact, and communication skills with adults and peers. The "I Love You Rituals" and "School Family" structures of Conscious Discipline have proved to be a highly effective, easy to teach intervention for building relationship skills in these children.

Landscape Perception Symposium

Oral Paper Session, Saturday, 10:20 – 11:20 am, Mill Creek

Moderator: Marc Pratarella, Colorado State University-Pueblo

Effects of Rapid One-Second Exposure Durations on Perception of Landscapes

ERICKA L. TRYON

Colorado State University-Pueblo

The present experiment tested the savanna hypothesis using fast one-second exposures to six biomes including green and dry savanna, mountains, forests, deserts and tropical/coastal. The speed minimized top-down experiential aesthetic preferences. The results support the hypothesis that humans are unconsciously predisposed to choose savannahs as their preferred place of habitation.

Intermediate 2-Second Exposure Rate Effects on Perception of Six Biomes

ERIC AYERS

Colorado State University-Pueblo

This experiment examined the graded responses to landscape preferences based on a combination of fast unconscious predispositions toward green savannahs and slower top-down aesthetic preferences shaped by personal experiences. Results showed that tropical/coastal and green savanna landscapes are statistically the same and preferred above all other biomes.

Effects of Complexity and Openness on Landscape Perception

BRITA RADZYMSKI

Colorado State University-Pueblo

This experiment tested the savanna hypothesis to reveal how the physical characteristics of complexity and openness affect a person's preference of where s/he may choose to live permanently. Results showed that aesthetic preference strongly influences responses when participants have as much time as they want to evaluate a landscape.

Effects of Colorless Black and White Landscapes on Personal Preferences

AARON RANDALL

Colorado State University-Pueblo

Humans tend to prefer landscapes resembling African savannas in which they evolved, but the savannah's color may offer the greatest cue to suitability. This experiment presented black/white images, which revealed that tropical/coastal, green savanna, forests, and dry savanna biomes were statistically equally preferred at fast one and two second exposures.

Effects of Color and Exposure Duration on Perception of Six Biomes

MARC PRATARELLI, BRITA RADZYMSKI, ERIC AYERS, ERICA TRYON, AND AARON RANDALL

Colorado State University-Pueblo

Previous research indicates that humans prefer landscapes that resemble the African Savanna. Five experiments tested the efficacy of this hypothesis by scrutinizing the effects of color and exposure duration for six different biomes. Green versus dry savannas was preferred 2:1. Faster exposures revealed evolutionary predispositions whereas longer ones revealed aesthetic preferences based on experience.

Clinical Psychology 2

Oral Paper Session, Saturday, 10:20 – 11:20 am, Parleys 2

Moderator: HEATH EARL, Utah State University - College of Eastern Utah

10:20

Investigating Client Perspectives on Routine Outcome Measures in a University Counseling Center

JESSICA READ, TAMARIN HOOPER, MELANIE JOHNSON, NATE PAGE, MARK BEECHER, DALLAS JENSEN, AND TOM GOLIGHTLY

Brigham Young University

Client perspectives on routine outcome measures in a university counseling center were examined. Clients participated in focus groups revealing six major themes. A survey was then administered to clients to see if the themes were generalizable to the counseling center population. Results and implications for practice and research are discussed.

10:35

Relationship Attachment Styles in a Sample of Hypersexual Patients

RANDY GILLILAND, BRIAN HANSEN, AND JOHN BLUE STAR

Brigham Young University

Previous studies have classified samples of hypersexual men into several different cluster groups based on measures of personality and psychopathology. The current study found three distinct clusters in attachment styles among a sample of men seeking treatment for hypersexual behavior.

Faculty Sponsor: Dr. Bruce Carpenter

10:50

Interpersonal Sensitivity and Body Image Across Gender

REGINA K. HAUGLAND

University of Northern Colorado

The effect of gender on the relationship between body image and interpersonal sensitivity was explored. Ninety-three students completed measures for interpersonal sensitivity and body image. Males had stronger correlations than females in several areas including interpersonal sensitivity and attention to weight.

Faculty Sponsor: Dr. M. Sean O'Halloran

11:05

Communication and Relationship of Intercultural/Multilingual Couples: Cultural and Language Differences

NAI CHIEH (GERI) TIEN

University of Northern Colorado

The influence of cultural and language differences on intercultural/multilingual couples' relationships was examined in this qualitative study. Three couples were interviewed and the findings are that successful intercultural/multilingual couples are willing to learn, be open and respectful, and also create a new culture of their own.

Faculty Sponsor: Dr. Lia Softas-Nall

RMPA Distinguished Invited Address

A Psychologist's Adventure in
International Consulting

HENRY C. ELLIS
University of New Mexico

Saturday 10:20 – 11:20 am *Wasatch 4*

Moderator: PENNIE SEIBERT, Idaho Neurological Institute

Henry C. Ellis, PhD, Distinguished Research Professor of Psychology Emeritus, University of New Mexico, has played an essential role in RMPA for many years. Indeed, he is a Past President of RMPA and has served on the Executive Committee in other positions as well. He has been recognized countless times, both nationally and internationally, for his ground breaking work in the field of memory. Dr. Ellis has traveled and consulted throughout the world, advancing important knowledge from psychological science to educate and to provide solutions for a wide range of questions and challenges. He will give the RMPA Distinguished Address, *A Psychologist's Adventure in International Consulting*. This presentation will be conducted in an informal presentational style to provide enhanced opportunities for audience interaction.

Society for the Teaching
of Psychology



Luncheon Planning Meeting

Faculty interested in planning the RMPA Teaching Conference for 2012 are encouraged to attend.

Saturday, 11:30 am - 1:00 pm
Location: Copper Canyon Private Dining Room

Diversity Council Lunch and Conversation Hour

Saturday 11:30 am – 1:00 pm

Aspen Room (Third floor)

*HOST: Layton Curl, Metro
State College of Denver*



*Come share some food and visit
with our guest speaker,
Dr. Warren Blumenfeld, of
Iowa State University.*



Developmental/Diversity/Health/ Community/Law Posters

Poster Session, Saturday, 12:00- 1:00 pm, Wasatch 1, 2, and 3

1

Gender Differences in Drive For Muscularity and Vigorous Exercise in Undergraduates

ERNESTO SOTO AND LILIA JUAREZ-KIM

Boise State University

The present study examined whether gender differences existed in motivations to exercise when predicting vigorous exercising (VIGEX) and drive for muscularity (DFM). 297 undergraduates (59% female) responded to a survey. Men reported a higher rate of VIGEX than did women. Both genders cited different motivational reasons to exercise. Faculty Sponsor: Dr. Mary Pritchard

2

Daily Stressful Interactions, Mood and Physical Symptoms

JOO SHIN AND STACEY PARK

Colorado State University

The purpose of this study is to investigate the effects of stressful interactions, positive mood, and negative mood on physical health. We used multilevel modeling on data from the Midlife in the US project. Stressful interactions, daily mood and trait mood were all significant predictors of physical health. Faculty Sponsor: Dr. Kimberly Henry

3

Mentorship Experiences of Female Atmospheric Sciences Graduate Students: A Pilot Study

CARLIE D. TROTT, SAMANTHA C. DEAN, AND SILVIA SARA CANETTO

Colorado State University

This study explored female doctoral students' mentorship experiences in the Atmospheric Sciences. Qualitative interviews were conducted investigating perceptions of the role of mentorship in educational and career experiences. Main themes identified participants' awareness of the positive influence of mentorship and the desire to see more female mentors in scientific fields.

4

Sleep Problems and Suicidal Behaviors in a National Sample of Adolescents

MARIA WONG

Idaho State University

We examined a longitudinal relationship between sleep problems and suicide in a national sample of 6504 US adolescents. Insomnia was a robust predictor of subsequent suicidal thoughts and attempts.

5

I'm Incredible! An Experimental Investigation on Facilitating Women's Self-Promotion

MEGHAN HUNTOON, RYAN VICTOR, BETHANY SPRING, AND JESSI L. SMITH

Montana State University

This study examined whether women's tendency to feel uncomfortable with self-promotion (which violates modesty norms) can be offset via misattribution. Results showed when provided with an external source for discomfort, the quality and quantity of promotion increased as did women's subjective experience. Career implications associated with women's self-promotion are discussed.

6

Social Factors Related to Caffeine Consumption in College Students

CRYSTAL MITCHELL-NOTHUS AND ANDREA J. ERICKSEN

San Juan College

Increased concern and controversy surrounding health in America has led to a growing interest in dietary behaviors including caffeine consumption. Limited research has examined motivations in consumption of caffeinated beverages. This exploratory study aimed to examine possible social factors that contribute to caffeine consumption in students from a rural college.

7

Effects of Writing on Gender Attitudes of Men and Women

NICOLE HEIN

University of Colorado at Boulder

The purpose of this study was to examine the effects of short-fiction on college-aged men and women's attitudes about gender roles. Subjects were read one of three stories: consistent with gender stereotypes, inconsistent with gender stereotypes, or control. Participants who read the inconsistent story demonstrated less support for traditional gender roles.

Faculty Sponsor: Dr. Diane Martichuski

8

The Positive Effects of Cuento Therapy on Mexican-American Children's Self-Esteem

SYLVIA Z. RAMIREZ¹, SACHIN JAIN², LEILA L. FLORES-TORRES¹, ROXANNA PEREZ³, RALPH CARLSON¹, AND PETER L. KRANZ¹

¹University of Texas-Pan American; ²University of Idaho; ³Dallas Independent School District

The investigation evaluated the effects of Cuento therapy on Mexican-American children's self-esteem. The intervention involved Spanish language folktales, role playing, and reflections. The results showed mean self-esteem score differences between the treatment and control groups in favor of the treatment group.

Developmental/Diversity/Health/ Community/Law Posters (cont.)

9

Young Adult Couples' Greatest Challenges

CAT THOMAS, JESSIE FRAZIER, JAYDE HOFFMAN, AND ELIZABETH MORGAN

Boise State University

In our study, we jointly interviewed 109 couples about what they felt was the greatest challenge in their relationship. As a result we found seven categories of challenges including communication, trust and jealousy, family, long distance, time scheduling, finances, and some odd challenges grouped into the other category.

10

The Breaking Point: Types of Negative Relationship Memories Experienced by College Couples

JACQUELINE CORRAL, TESS GROVER, EMILY LOPEZ, AND ELIZABETH MORGAN

Boise State University

This study examined the negative memories of dating couples to determine what factors were causing discord in relationships among college students. Couples were primarily heterosexual (n=109). Eight categories were determined based on the participants' negative relationship memories, including communication issues, jealousy and cheating, fights, breakups and family issues.

11

Multi-Level Predictors of Perceived Sexual Appeal

JULIA MACKARONIS AND DONALD STRASSBERG

University of Utah

Over 500 participants rated how sexually appealing they found photographs from a variety of sources. Characteristics of both the observers and target photographs were examined using multi-level modeling. Target characteristics were important to the evaluation of appeal, but their importance varied as a function of multiple observer characteristics.

12

Developing Joint Attention Through Peer Play in Children with Autism

THANH NGUYEN, SUNAINA NEDUNGADI, SOPHIA LO, AND NEVIN SMITH

San Francisco State University

The development of joint attention in children with autism was analyzed based on eight randomly selected video recordings of 15 minutes pre and post Integrated Play Group (IPG) non-intervention assessments. Data suggests that IPG participants with autism gain greater socialization and communicative skills associated with joint attention through play. Faculty Sponsor: Dr. Pamela Wolfberg

13

Relationships Among Neuroticism, Conscientiousness, and Temperamental Underpinnings in Middle Childhood

EMILEE NAYLOR AND JENNIFER SIMONDS

Westminster College

This study investigated an inverse relationship between neuroticism and conscientiousness in middle childhood with a strengthening in this relationship occurring with age maturation. A significant negative correlation was evidenced between neuroticism and conscientiousness. Strengthening of this correlation occurred between ages 8 and 10. Relationships among temperamental underpinnings are examined.

14

Assessing Community Readiness for the Implementation of Parent Education Programs in Five Colorado Communities.

JULIANA ROSA, KRISTEN KONKEL, ALEXANDRA RECHLIN, CHRISTINE CERBANA, AND JESSICA WIEST

Colorado State University

The goals of this study were to determine whether the Community Readiness Model is a useful assessment tool when applied to parent education, to determine the readiness levels of five Communities across the state of Colorado, and to determine steps that need to be taken before implementation of these programs.

15

Sexism and BYU Coed Intramural Sports? : BYU Students' Perceptions of the Rules Governing Co-ed Intramural Sports

BEN STOCKING AND JULIE PETERSON NELSON

Brigham Young University

In softball, should a female receive three pitches and a male two? This study examined students' perceptions of rules governing BYU coed intramural sports. Gender role beliefs were measured and less traditional gender role attitudes were positively correlated with perceptions that policies are sexist. Qualitative data will also be discussed.

16

Career Plans of Atmospheric Sciences Graduate Students: Does Gender Matter?

CARLIE D. TROTT, SILVIA SARA CANETTO, JENIFER THOMAS, CHERYL A. WYNSTRA, AND TESS STOOPS

Colorado State University

Career plans of atmospheric sciences graduate students were explored using a mixed method design (structured questionnaire and semi-structured/qualitative interview). Female and male students responded to questions about career planning, as well as the type of career they currently hope to pursue, during a critical timeframe for career decision-making, graduate school.

Developmental/Diversity/Health/ Community/Law Posters (cont.)

17

Examining Gender-Responsive Treatment in Juvenile Justice Services:
Art Interventions for Traumatized Female Offenders

MEG MARTINEZ

Westminster College

Recent and relevant empirical research dealing with gender differences in adolescent offenders, trauma information in this population, and expressive therapies, such as art therapy, as a treatment form are explored. Along with empirical research, the author's observational experience during a community placement with Utah's Juvenile Justice Division is highlighted.

Faculty Sponsor: Dr. Seong-In Choi

18

The Relationship between Child Development, Attachment, and Parenting Styles

KRISTEN LEW AND SEONG-IN CHOI

Westminster College

The effects of parenting styles and attachment were researched in relation to child development in refugees. Parents were administered questionnaires on relationships and parenting styles, while the children were given a questionnaire testing their development.

19

Assessment of Long-term Mentorship Relationships

KYRA RODENE, TRACY RICHARDS, JEN KRAFCHICK, LINDSEY WEILER, SHELLEY HADDOCK, AND TONI ZIMMERMAN

Colorado State University

Long-term mentor/mentee relationship quality was determined by assessing contact between prior mentors and mentees and the impact of specific relationship variables. Fourteen former mentors from Campus Corps participated. Most mentors currently have contact with their mentee. Trust and respect were identified as possible trends both during and after the program.

20

Priming Optimal Decision Making: A Developmental and Educational Study

MICHAEL YOUNG, AMY TREVETHAN, AND ERIC AMSSEL

Weber State University

Middle school, high school, freshmen/sophomore college, and junior/senior college students completed three trials of a gambling task before and after finishing a short mathematics task. Optimal gambling responses were more frequent on final trials compared to early trials for all groups, confirming that priming can unconsciously promote optimal gambling judgments.

21

Battered Woman's Syndrome as Self-Defense: A Look at the Effects of Expert Testimony Given at Trial

GINA UDICK, KIMBERLY DUGGINS, AND SEAN MORAN

University of Wyoming

This study examines the effect of learned helplessness theory within expert testimony about Battered Women's Syndrome (BWS). Participants read about a wife who murdered her abusive husband; half received expert testimony about BWS including learned helplessness, while the remainder received expert testimony only about BWS. Results will be discussed.

Faculty Sponsor: Dr. Narina Nunez

22

Frequency of the TaqA1 Dopamine Polymorphism in Healthy, High-Functioning Older Adults: A Cross-Sectional Study

DAWSON HEDGES, BRYAN JENSEN, VAUGHN CALL, HSIN-TZE LU, BRENT NIELSON, AND TRACY BROWN

Brigham Young University

Examining the association between the dopamine TaqA1 polymorphism and healthy aging we sampled 276 healthy, high functioning older adults and compared their TaqA1 frequency to literature groups. Although dopamine TaqA1 has been associated with several neuropsychiatric disorders, the current finding suggests it may also be associated with healthy aging.

23

Father Support of Toddler Language Development

SHEILA ANDERSON AND ERIC LEE

Utah State University

This study examined the influence of father language support when children are at age one on child language development at age three. Extant video observations of 50 fathers and toddlers were coded for father language support. Father language support significantly predicted better child language outcomes when children were three years of age.

Faculty Sponsor: Dr. Lori Roggman

24

The Impact of Abstract and Concrete Construal of Death Penalty Decisions: Is there a Black Sheep Effect?

HILARY HUGHES, ROBERT KERR, NARINA NUNEZ, AND SEAN MCCREA

University of Wyoming

This study examined how construal affects mock jury decisions in a death penalty trial. Varying ethnicity of the defendant and closing arguments, we found an effect of construal on decisions. Results showed that jurors were harsher towards White defendants when placed in an abstract mindset, indicating a black sheep effect.

Developmental/Diversity/Health/ Community/Law Posters (cont.)

25

Early Diagnosis of Frontal Variant Frontotemporal Dementia:
Implications for Intervention and Research

WESTON DONALDSON

Colorado State University

Frontotemporal dementia (FTD) is a common form of dementia that is poorly understood in terms of detection and intervention. The current literature review focused on best practices for early diagnosis of FTD.

Research points to several clinical frameworks and neuropsychological batteries for early detection, as well as areas of improvement.

26

The Effects of Body Image on Student Perception of Campus Climate with Self-Esteem as a Mediating Factor

MELISSA MELAMUD

The Colorado College

The relationship between body image and satisfaction with campus climate, mediated by self-esteem, was explored by administering a 20-minute survey to a sample of 179 undergraduate students. Female students had a positive correlation between body image and satisfaction with campus climate; self-esteem was a strong mediator (male students did not).

Faculty Sponsor: Dr. Emily Chan

27

Development and Construction of the 16-Item Healthy Eating and Weight Self-Efficacy (HEWSE) Scale

LINDSAY WILSON-BARLOW AND JAMES CLOPTON

Texas Tech University

The aim of this study was to develop a measure to assess healthy eating and weight self-efficacy. One hundred and forty nine female participants completed the 57-item scale; factor analysis indicated that a 16-item scale comprised of four main factors may best represent the construct of healthy eating self-efficacy.



28

Examining the Mediating Factors Between Religiosity and Pornography Use in Adolescents

MICHAEL STEELMAN AND SAM HARDY

Brigham Young University

The relationship between religiosity and pornography use was examined. Using path analysis, it was determined whether or not subjective norms, self-regulation, and attitudes towards pornography could mediate this relationship. Approximately 200 adolescents were randomly selected to participate in this study.

29

Gender Differences in the Roles of Mothers and Fathers in Positive Adolescent Development

RYAN WOODBURY, SAM HARDY,
AND LAWRENCE WALKER

Brigham Young University-Provo

This study examined the differential roles of mother and father involvement and communication quality on positive and negative outcomes for girls and boys (n=502; ages 10-18 years). Regression analyses run separately for girls and boys found gender differences in links between parenting and youth outcomes.



30

Religiosity and Adolescent Empathy and Aggression: The Mediating Role of Moral Identity

SAM A. HARDY, LAWRENCE J. WALKER, DAVID D. RACKHAM, AND JOSEPH A. OLSEN

Brigham Young University

This study (n=502) examined moral identity as a mediator between religiosity (involvement and commitment) and adolescent empathy and aggression. Structural equation models found indirect relations between religious commitment and aggression and empathy by way of moral identity. Additionally, religious commitment and involvement interacted in predicting moral identity.

112 **RMPA Past President's Address**

Psychology Students' Understanding of the Scientific Foundation of the Discipline

ERIC AMSEL
Weber State University

Saturday 1:00 – 2:00 pm *Wasatch 4*

Moderator: WILLIAM DOUGLAS WOODY, University of Northern Colorado

It is widely recognized that undergraduate students enter into the psychology classes with misconceptions about the scientific basis for the discipline. Over the past several years, I have been working with colleagues and students to explore how undergraduate students overcome their misconceptions and learn about the scientific basis of psychology. The findings of this work suggest that students are skeptical of the scientific assumptions of psychology which they recognized as more strongly embraced by their professors than themselves. I propose a process of conceptual change in students' own beliefs about the discipline that is mediated by their understanding of how their professors think about the scientific basis of psychology. Ways to promote such mediation are discussed.

RMPA SYMPOSIUM

Advancing Empirically Supported Interventions for Latino Adolescents

Saturday, 1:00 – 2:00 pm *Parleys 2*

MEGAN WRONA and ALBERTO VARELA, University of Utah
MELANIE DOMENECH RODRIGUEZ, Utah State University

This symposium will focus on the cultural adaptation of psychological interventions for minority populations. First, the needs of including cultural variables into treatment will be highlighted in the context of a literature review. Next, two examples of interventions which have been culturally adapted for use with Spanish-speaking Latino families in Utah will be described.

Social 3

113

Oral Paper Session, Saturday, 1:00 – 2:00 pm, Red Butte

Moderator: RONA MCCALL, Regis University

1:00

The Importance of Assessing Both Cultural Identities, Separately: The Structure of the Self in Bicultural Individuals

GARRETT L. STROSSER

Southern Utah University

The importance of assessing bicultural individuals' identification with each of their two cultures was evaluated. Mexican American participants (n=130) completed an established and a novel measure of cultural identity along with an acculturation questionnaire. Assessing separate cultural identities yielded strong psychometric properties and correlated with acculturation factors.

1:15

Wanting it More, Expecting it Less: Intense Desire Reduces the Desirability Bias in Predicting the Likelihood of Future Events

SHANE W. BENCH AND HEATHER C. LENCH

Texas A&M University

Two studies explored how and when people can reduce optimism about the likelihood of future events. Optimistic bias was reduced when outcomes elicited strong positive or negative affective reactions compared to weak reactions and this effect only occurred when cognitive resources were available.

1:30

The Effect of Attention Modes on Organ and Tissue Donor Designation Rates

JO MCDONALD VOGELI

University of Colorado at Boulder

There is a low attitude-behavior relationship with regard to organ and tissue donor designation rates. The current research applied the Elaboration Likelihood Model as a means of assessing the way in which information is received. Unexpected results prompted the question of how health related influences differ from general consumerism influences.

Faculty Sponsor: Dr. Diane Martichuski

1:45

The Effects of Mortality Salience on Tolerance of Ambiguity

CHARLES E. SEPERS, JR.

University of Nebraska Kearney

The purpose of this study was to examine the relationship between terror management and tolerance of ambiguity. Participants completed a standard mortality salience manipulation followed by Budner's Tolerance of Ambiguity Scale after an appropriate delay. The results indicated that mortality salience decreases tolerance of ambiguity.

Faculty Sponsor: Dr. Richard Miller

Measurement

Oral Paper Session, Saturday, 1:00 – 2:00 pm, Mill Creek

Moderator: N. CLAYTON SILVER, University of Nevada, Las Vegas

1:00

Causality without Casualties: The Overworked and Underpaid
Researchers' Guide to Quasi-Experimental Methods for Causal Inference
BARTON POULSON
Utah Valley University

Quasi-experimental research methods can help researchers reach causal inferences with observational data, thus saving time and money. This presentation outlines three methods that can be used in student research: (a) propensity score matching; (b) regression discontinuity; and (c) hierarchical regression. SPSS data and syntax are provided.

1:15

Development of the Caregiver Readiness Awareness Scale
JEANNINE KLEIN AND CLAYTON SILVER
University of Nevada, Las Vegas

Many families today have become primary caregivers for older relatives but often are ill-equipped to deal with familial caregiving demands. This study involves preliminary development of a caregiver readiness awareness scale that would assist families in determining who is best-suited for various aspects of caregiving for older relatives.

1:30

Performance of Number of Factors Procedures in Higher Order Analysis
MARC T. PORRITT AND KENDAL C. BOYD
Loma Linda University

The performances of empirical solutions to the number of factors question were examined in a higher order factor analysis paradigm. Methods were tested against known solutions in respondent generated data of tests with well-established factor structures. Parallel analysis was the most accurate and consistent method.

1:45

Using SPSS to Implement Common Empirical Solutions to the Number of Factors Problem
MARC T. PORRITT AND KENDAL C. BOYD
Loma Linda University

Presentation will familiarize researchers with the theory and implementation of the most common empirical techniques for identifying the proper number of factors to extract. Basic literature reviews and step-by-step instructions for implementation using SPSS will be provided for Kaiser Rule, Scree Test, Minimum Average Partial, and Parallel Analysis.

RMPA Battig Memorial Lecture¹¹⁵

Is There a Place for Mnemonics
in Modern Psychology?

James B. Worthen

Southeastern Louisiana University

Saturday 1:00 – 2:00 pm Parleys 1

Moderator: Aaron S. Richmond, Metro State College

Over the last 20 years, the definition of mnemonics has become narrow and a lack of enthusiasm in the topic seems to have relegated this ancient art to the rank of a historical curiosity. Explanations for this downward trend will be offered and a new approach to mnemonics that is relevant to both basic and applied researchers will be introduced.

Ellis-Battig Memory Symposium

Is Jenny's Phone Number? 8-6-7-5-3-0-9...No
Wait That's a Song!

A Symposium on Interference Effects,
Cognitive Strategies, and Memory Deficits

Saturday 2:10 – 3:10 pm Parleys 1

Moderator: AARON S. RICHMOND, Metro State College

ROBERT HILL, *University of Utah*
Can Strategies Mediate Memory Deficits in Later Life?

LORI E. JAMES, *University of Colorado at Colorado Springs*
Searching for Interference Effects in Young and Older Adults'
Performance on a Name Learning Task

DOUGLAS BERMINGHAM, ROBERT HILL, DAN WOLTZ, AND
MICHAEL K. GARDNER, *University of Utah*
Numeric ability and cognitive strategy in short- and long-term
retention of everyday numeric information

RMPA DIVERSITY COUNCIL KEYNOTE

Homophobia: How We All Pay The Price

Warren J. Blumenfeld

Iowa State University

Saturday 2:10 – 3:10 pm

Wasatch 4

Moderator: LAYTON CURL, Metropolitan State College of Denver



HOMOPHOBIA: The fear and sometimes hatred of people who are perceived as gay, lesbian, or bisexual. On many levels, however, heterosexuals are also hurt, and therefore it is in everyone's best interest to work to eliminate homophobia. Dr. Blumenfeld's keynote address offers a nonthreatening, nonjudgmental approach to issues surrounding sexual identity and homophobia. Based on his book by the same title, Dr. Blumenfeld discusses how the fight to end homophobia is everyone's fight if we are to bring about a less oppressive and more productive society for all. He invites heterosexual males and females, lesbians, gay males, bisexuals, and transgender people to become allies as we explore the cost of homophobia in social policy, education, family relationships, religious institutions, and many other aspects of our lives.

Psi Chi Leadership Program

Putting Ideas into Action: Problem Solving and Strategic Planning

Saturday 2:10 – 3:10 pm

Blue Spruce

STEVE BARNEY, Southern Utah University

LESLIE CRAMBLET ALVAREZ, Adams State College

This session gives Psi Chi officers and advisors the opportunity to select leadership problem areas to focus upon and brainstorm practical solutions for their chapters. Roundtables will be identified for focused discussion about strengthening leadership; strategic planning will be utilized to help chapters devise individualized solutions.

RMPA WORKSHOP

Response to Intervention: Knowing the Process, Knowing Your Client

Saturday 2:10 – 3:10 pm

Parleys 2

MARCY WILLARD, KARIN DITTRICK-NATHAN, AND SHAYNA BRODY WHITEHOUSE

University of Denver

This workshop will focus on the major shift from traditional assessment to the Response-to-Intervention (RtI) Model. Participants experience RtI as an effective tool for understanding client needs and the potential for partnership between clinical psychology and school systems. A case study will demonstrate the application of RtI and interpretation of data.

118 **RMPA Award Finalists Oral Session 1**

Oral Paper Session, Saturday, 2:10 – 3:10 pm, Red Butte and Mill Creek

Moderator: ROXANNE SULLIVAN, Bellevue University

2:10

A Comparison of Medication and Psychotherapy Outcome in the Treatment of Eating Disorders: A Meta-Analysis

JULIA HUBBARD AND SARAH CHRISTIAN

Brigham Young University

The aim was to summarize what is known about medication and psychotherapy outcome for eating disorders when the treatments are compared in the same scientific work. Significant results were not found in the overall comparisons or for distress, binging and purging measures. A moderator analysis of attrition rates was significant.

Faculty Sponsor: Dr. Scott Baldwin

2:25

The Testing Effect for Categorized Lists

ELIZABETH A. HARRISON AND CHRISTOPHER A. ROWLAND

Colorado State University

One experiment examined the interaction of testing with list categorization. Recall of tested versus restudied words was compared for categorized versus uncategorized word lists. Results indicate significant testing effects for both list types, but with a decrease in magnitude for categorized lists.

Faculty Sponsor: Dr. Edward DeLosh

2:40

Pre-Testing-State Effects and Reading Method Effects on Reading Comprehension

DANIEL A. OTT

Regis University

The effects of pre-testing-state (concentrative or meditative) and reading method (aloud or silent) on reading comprehension were examined.

Sixteen students were assigned to one pre-testing condition, and then completed comprehension tests read silent and aloud. The concentrative condition scored significantly higher, regardless of reading method.

Faculty Sponsor: Dr. Rebecca Betjemann

2:55

Dentate Gyrus Contributions to Contextual Associative Recognition Memory

TRACY HUBERTZ, CHRISTY S. WEEDEN, AND ANDREA M. MORRIS

University of Utah

The role of the dorsal dentate gyrus (dDG) hippocampal subregion in contextual associative processing was examined. Twelve male Long-Evans rats (6 control animals, 6 dDG lesioned animals) were tested on a spontaneous associative recognition paradigm. In contrast to control animals, animals with dDG lesions displayed marked impairments in object-place-context recognition.

Faculty Sponsor: Dr. Raymond P. Kesner

RMPA Award Finalists Oral Session 2

119

Oral Paper Session, Saturday, 3:20 – 4:20 pm, Red Butte and Mill Creek

Moderator: ROXANNE SULLIVAN, Bellevue University

3:20

The Roles of Shame and Guilt in Hypersexual Behavior

RANDY GILLILAND

Brigham Young University

Although clinical accounts often discuss shame among hypersexual populations, no study has assessed shame and guilt in relation to this behavior. We collected data from a sample of individuals seeking treatment for compulsive pornography use and found significant relationships between shame-proneness and hypersexuality and guilt-proneness with motivation to change.

Faculty Sponsor: Dr. Bruce Carpenter

3:35

The Effects of Session Frequency on Psychotherapy Outcome

DAVID M. EREKSON, AMELIA LEETHAM, ANDREA CALL, CAROLINA CRUZ, DAVID HANCOCK, AND TAMARIN HOOPER

Brigham Young University

Effects of session frequency on psychotherapy outcome were examined in a naturalistic setting. Archival data from a university counseling center were used to select individuals scheduled for therapy weekly and once every two weeks. Recovery was equivalent between groups, but speed to recovery was slower among the two-week group.

Faculty Sponsor: Dr. Michael J. Lambert

3:50

Characteristics of College Smokers: A Preliminary Analysis

JULIANA ROSA, SEANDRA COSGROVE, AND MATTHEW MAMMOSER

Colorado State University

The categorization of smokers in college has not been recently studied in depth but has been of increasing interest. Participants (n=266) were recruited and asked their reasons for smoking. Reported reasons for smoking significantly differed between the four categories of smokers present on campus, especially for social and light smokers.

Faculty Sponsor: Dr. Patricia Aloise-Young

4:05

Hispanic Student Achievement and Learning Academy Intervention Program

PAULA R. RODRIGUEZ

University of Northern Colorado

Between 1988 and 2008, the percentage of public school students who were White decreased from 68 to 55 percent with Hispanic students doubling from 11 to 22 percent. The author analyzed the academic progress of eighty-six Hispanic and White students who completed an intervention program during the 2009-2010 academic year.

Faculty Sponsor: Dr. Nancy J. Karlin

RMPA SYMPOSIUM

Happiness: An Examination of Positive Psychology Across Cultures

Saturday, 3:20 – 4:20 pm

Parleys 1

LAYTON SETH CURL AND MARY ANN WATSON
Metropolitan State College of Denver

What makes us happy? How do we live meaningful, productive lives? What factors help us thrive? A social and clinical psychologist set out to answer these questions by examining and documenting happiness across cultures in the USA and Ethiopia. This presentation includes their development and production of an educational video.

Psi Chi Member Panel: Chapter Idea Exchange

Saturday 3:20 – 4:20 pm

Blue Spruce

Moderators:

CADE HULBERT, Boise State University
ANDREA LIVINGSTON, Adams State College
SEAN VANHILLE, Southern Utah University

All members of Psi Chi and psychology club organizations are invited to join in a roundtable discussion of club- and chapter-related questions, comments, concerns, issues, etc. This session is informal and designed for maximum interaction between those in attendance. During this session, you'll hear how other chapters handle problems similar to your chapter, and gain new ideas and perspectives that you can take home and use.

Neuropsychology/History/Religion/ Measurement/Design /IO/Perception/ Performance Posters

Poster Session, Saturday, 3:20 – 4:20 pm, Wasatch 1, 2, and 3

1

The Effects of Short-Term, Action Video Game Play on Executive Attention Control
KENDRELL PARRISH, WILLIAM HOBBS, AND LONNIE YANDELL
Belmont University

The positive impacts of long-term gaming experience on executive functioning are well documented, however few studies have examined the effects of short-term action video game play on executive control. This study reports a significant effect for short-term action video game play on executive attention control.

2

The Inversion Effect on Gender Based Object Recognition
BENJAMIN MCGLOTHLIN, DAWN JIACOLETTI, AND LONNIE YANDELL
Belmont University

The effects of inverting a gender based point light display were assessed. Undergraduates assessed the gender of inverted or upright point light displays. Although gender determination was impacted for all participants, the effect was more notable for male participants.

3

Performance Monitoring Candidate Gene Associations in ASD
NATHAN KYLE JAMISON¹, REID ROBISON², MICHAEL LARSON¹,
PHILLIP WILSON², OLIVER JOHNSTON¹, AND MIKLE SOUTH¹
¹Brigham Young University; ²University of Utah

Because genetic approaches related to categorical diagnostic symptoms of ASD have been inconclusive, we adopted an approach correlating EEG event-related potential with genetic SNPs in ASD. Differences in performance monitoring for variations of the DAT1 and COMT genes could help account for impaired emotional awareness in those with ASD.

4

Sensitivity of Chromatic Mechanisms Determined Using a Visual Search Task

JAMIE OPPER, KENDALL HOLLER, AND PATRICK MONNIER
Colorado State University

Using a latency visual search task in conjunction with a noise masking approach, we measured the tuning properties of chromatic mechanisms tuned to cardinal and diagonal directions. Measurements were similar for the various chromatic directions providing evidence for mechanisms tuned to intermediate directions in color space.

Neuropsychology/History/Religion/ Measurement/Design /IO/Perception/ Performance Posters (cont.)

5

Teen Perception of Religious Proscription

DAVID RACKHAM, SAM HARDY, AND DAVID DOLLAHITE

Brigham Young University

This study explored perceptions of adolescents (n = 300; ages 15-18 years) and their parents regarding religious prescriptions and proscriptions. Adolescents and parents listed behaviors that their religions encouraged and discouraged them from doing and rated the degree to which their religions discouraged or encouraged various positive and negative behaviors.

6

Attention Restorative Effects of Differing Environments

NED ATWOOD, JOSEPH BAKER, AND KERRY JORDAN

Utah State University

Recent research has shown that nature pictures restore attentional capacity in adults (Berto, 2005). We sought to replicate and expand these results to a younger population and to investigate visual search patterns in nature compared to built environments. Positive results may inform attentional restoration in pre-school and adolescent populations.

7

Is there a Relationship between Employee Selection and Social Networking Information?

POLINA DYADYK, JESSICA KURTH, COURTNEY WATSON, ARIEL PREUETT, AND JAMES NOLAN

Southwestern College

Our research examined how students from a small Midwestern College would view various types of social networking web pages in an employment context. Subjects (n=60) completed scenario vignettes including social networking web pages and resumes. Our results and implications based on our findings will be discussed.

8

Judge Not: The Effect of Affect in Performance Appraisals

M. PRESTON LEAVITT

Southern Utah University

Some aspects of performance appraisal are subjective. In this study, the subjectivity of performance appraisal was studied using the Affect as Information approach. Participants made subjective and objective evaluations about hypothetical employees' performances. Results are discussed from within a social cognition approach.

Faculty Sponsor: Dr. Grant Corser

9

Testing the Wisdom of Participant Pools: Are Psychology 101 Students Motivated to Produce Valid Responses?

RYAN AVERY AND LYNN H. WHITE

Southern Utah University

Are undergraduate research pool participants (RPP) sufficiently motivated to take their participation seriously? Students from the psychology department's RPP and students from other 1010 classes on campus (CONTROL) completed surveys online. Group differences on rate of participation, time to survey completion, and pattern of responding were assessed.

10

Factor Analysis of the MMPI and MMPI-2

REBECCA MECHAM

Weber State University

The MMPI is one of the most widely used personality tests. This study is based upon a sample of 240 individuals applying for vocational rehabilitation services who took either the MMPI or the MMPI-2. Factor analysis was conducted on the test results, creating a factor structure of the two tests.

Faculty Sponsor: Dr. Richard Grow

11

A Comparative Analysis of the Effectiveness of Telehealth Perioperative Training vs. Traditional In-Person Training

LAUREN BEYER, MIKAYLA COLLINS, PENNIE S. SEIBERT, JULIE SCHOMMER, SAMANTHA GAGNON, TIFFANY WHITMORE, AND TATIANA REDDY

Boise State University and Saint Alphonsus Health System

Healthcare providers in rural communities experience difficulty obtaining education and keeping current on healthcare practices due to travel time/expense. Rural hospital nurses often do not have formal operating room training. With consideration to psychological implications, we developed a telehealth preceptor program to provide evidence-based education for operating room nurses.

12

Cognitive Workload Survey Influence on Autonomy Assisted Unmanned Aerial System Training

JOHN G. BLITCH, JENNIFER E. FISCHER, EDWARD UMADA, KATHRYN E. GORMAN, AND BENJAMIN A. CLEGG

Colorado State University

The NASA-TLX workload survey was administered during autonomy-assisted training on an unmanned system simulator. Participants limited to manual control performed worse on a novel landing post-test than the autonomy-assisted group but only in the presence of an interaction with the TLX survey itself.

Neuropsychology/History/Religion/ Measurement/Design /IO/Perception/ Performance Posters (cont.)

13

An Exploration of Effectiveness Tradeoffs in Automation Assisted Unmanned Aerial System Training
JOHN G. BLITCH, CAROLYN M. LUCCHESI, SPENCER B. HACHMEISTER, AND BENJAMIN A. CLEGG
Colorado State University

The impact of automation during training was investigated using an Unmanned Aerial System simulator. Participants were trained in a series of basic maneuvers. A subsequent novel landing test showed poorer performance for the group that received some auto-pilot assistance during training. The presence of automation in training impaired learning.

14

The Effects of Cognitive Resource Depletion on Height Perception
STEFAN HUYNH AND JEANINE STEFANUCCI
University of Utah

The effect of available cognitive resources on height perception was examined in two experiments. Participants were administered a depletion task and then estimated the extent of a height from the bottom in Experiment 1 and the top in Experiment 2. Heights were overestimated more when cognitive resources were drained.

15

The Influence of Spatial Expertise on Perception and Action
SHILO PLATTS, TRACY HUBERTZ, MIKE GEUSS, MARGARET TARAMPI, JEANINE STEFANUCCI, AND SARAH CREEM-REGEHR
University of Utah

We investigated differences in spatial abilities between dancers and non-dancers. Dancers' experience with their dynamic body positions and relations between their bodies and the environment may influence their perceived affordances, defined as judgments of action capabilities. Our research yielded a significant relationship between performance on affordance judgments and dance experience.

16

Extent of Global Representation in High-Impact Psychiatric Journals
MICHAEL ZHANG, BRUCE BROWN, AND DAWSON HEDGES
Brigham Young University

The purpose of this study was to better understand the extent to which research published in high-impact psychiatric journals represented perspectives and research subjects from the world's population. Interestingly, nations comprising only 10 percent of the world's population produced 90 percent of the high-impact research.

17

Psychometric Properties of Postsecondary Students' Course Evaluations
MICHAEL DRYSDALE AND KARL WHITE
Utah State University

The psychometric properties of a course evaluation instrument were examined. A test-retest reliability and multi-section course validity study were conducted. Results suggest that the course evaluation employed is not reliable and that resulting ratings do not provide information that can be used to make valid inferences regarding teacher effectiveness.

18

Determining Burnout and Wellness in Mental Health Staff: Beware of Unvalidated Measures
MICHELLE VOSS, JAMES ORAKER, AND FREDERICK MALMSTROM
University of The Rockies

This study investigated the relationship between burnout, utilization of self-care strategies, and perceived wellness among front-line mental health workers. Results indicated the majority of front-line workers experienced at least low-to-moderate levels of stress and burnout. Findings indicate the inventory used to measure self-care strategies was not scientifically sound.

19

Continued Psychometric Evaluation of the Lexington Attachment to Pets Scale (LAPS)
PATRICIA A. LEVY, MAGGIE H. REINEKE, KRISTA D. BRIDGMON, AND SUSAN CALHOUN-STUBER
Colorado State University-Pueblo

The purpose of the current study was to conduct a reliability analysis on the Lexington Attachment to Pets Scale (LAPS). The scale was originally developed for attachment to all companion animals. The study was used to determine if the factor reliability structure remained consistent with dog only owners.



20

Repetition Blindness and Homophone Blindness in Rapidly Presented Lists
CAITLIN J. TYRRELL, LORI E. JAMES, AND PAULA NOBLE
University of Colorado at Colorado Springs

We examined the phenomenon of repetition blindness (RB), and a less-explored phenomenon, homophone blindness (HB), in older and younger adults. We presented words one at a time in list format using very fast presentation rates and obtained blindness for both repeated words and homophone words.

Neuropsychology/History/Religion/ Measurement/Design /IO/Perception/ Performance Posters (cont.)

21

Review of Set-shifting Deficits in Women with Anorexia Nervosa
CAITLIN SHEPHERD AND KATIE SCOTT

Colorado State University

This review investigated empirical findings regarding the proposed relationship between set-shifting and eating disorders. Overall, the literature demonstrates that set-shifting deficits are present in this population and may in fact be a risk factor. Results also indicated that targeting set-shifting deficits in treatment might be beneficial in terms of prognosis.

Faculty Sponsor: Dr. Deana Davalos

22

Demographic Factors Influence Voting Estimates in a Gubernatorial Election

MICHAEL R. DURNAM

Miles Community College

Participants (n=54) were surveyed on how likely they were to vote for a candidate for governor based on four characteristics (religious beliefs, sexual orientation, race, or mental health status). The participants were significantly less likely to vote for a candidate who did not believe in God.

23

Taboo Word Expressions as a Function of Gender and Bilingualism

JENNIFER ALMAND, SALIF MAHAMANE, MAURA PILOTTI, AND JASON SWIFT

New Mexico Highlands University

This study examined sex differences in taboo expressions as a function of the sex of the intended recipient and language medium. Irrespective of linguistic competence, Spanish taboo words were more likely to be attributed to men than to women, whereas English taboo words were evenly ascribed to both sexes.

24

Motivation or Moral Agency: Rethinking Newtonianism in Contemporary Psychology

EDWIN E. GANTT AND JEFFREY L. THAYNE

Brigham Young University

Contemporary psychology relies heavily on the conceptual language of Newtonian physics. For example, such terms as motivation, inhibition, and attraction reveal a commitment to mechanical determinism that denies moral agency and meaning in human action. We will briefly explore a conceptual language that preserves agency in psychological accounts of behavior.

25

Preliminary Heritability Estimates for a Parental Measure of Executive Functions in Children

HANNAH L. KOVACH, SARAH E. KOVACH, AND FREDERICK L. COOLIDGE

University of Colorado at Colorado Springs

While much previous research has focused on classic laboratory measures of executive functions (EFs), the present study assessed the heritability of EFs in childhood (n=374 twins) via a parental 44-item EF measure including social and emotional decision-making. The results indicated that EFs are highly heritable traits (83%).

26

Admonitions and Over-inferences in the Psychology of Religion

TYLER LEFEVOR, PETER SANDERS, AND BRENT SLIFE

Brigham Young University

To see if original religious meanings were preserved in the psychology of religion, five religious practices were examined (prayer, forgiveness, conversion, meditation, and image of God). Original meanings were found to have been changed through applying naturalistic methods to the study of religion.



27

The Impacts of Conscientiousness and Positive Priming on Individuals' Attitudes Toward God

KELSIE CARPENTER

Regis University

This study investigated whether conscientiousness and presenting uplifting information impacts attitudes towards God. Participants' self-reports grouped them as high or low conscientiousness. Each read an uplifting or neutral story, and completed the attitude towards God survey. There was a trend of the uplifting story causing more positive attitudes towards God.

Faculty Sponsor: Dr. Rebecca Betjemann

Environmental Psychology

Oral Paper Session, Saturday, 3:20 – 4:50 pm, Parleys 2

Moderator: PAUL A. BELL, Colorado State University

3:20

Evaluation of National Park Soundscapes Based on Aircraft Type
LEVI ZITING, BRITTON MACE, AND GRANT CORSER

Southern Utah University

Based on audibility logging, percent time audible for aircraft type was set at 30% for helicopters, propeller planes, and jet noise in a laboratory experiment using sounds and images recorded from Bryce Canyon National Park. Results indicated significant differences between types of aircraft noise and natural ambient sound.



3:35

Increasing Sustainability Education in American Universities: Student and Faculty Literacy Rates, Attitudes, and Behaviors

SARAH JOHNSON

University of Colorado at Colorado Springs

Universities are uniquely positioned to foster sustainable orientations in students. However, sustainability programs in universities focus on greening campus operations, neglecting educational opportunities. This research surveyed students and faculty in an effort to discover barriers to sustainability education. Results showed faculty and students lacked pro-sustainability orientations despite established campus programs. Faculty Sponsor: Dr. Marc Pratarelli

3:50

Investigations Concerning the Effectiveness of Retroreflective Decals on Nebraska State Patrol Vehicles

WILLIAM WOZNIAK, SHELLY R. KOCH, AND KERRI BELLAMY

University of Nebraska at Kearney

Three studies concerning the assessment of retroreflective markings on Nebraska State Patrol (NSP) Vehicles were conducted. Safety concerns of NSP Officers were clarified in a survey. Two experimental studies assessed two types of vehicle markings: the Battenburg pattern and the chevron pattern. Results are discussed regarding NSP's need for conspicuity, covertness, and decorum.

4:05

Prize-based Contingency Management: A Vehicle Miles of Travel Reduction Intervention

JOSHUA D. MARQUIT, RICHARD N. ROBERTS, AND JAMISON D. FARGO

Utah State University

A driving reduction intervention that employed a prize-based contingency management system within a single-subject, A-B-A withdrawal design was conducted in Cache County, Utah to reduce air pollution. A GPS tracking device was installed in ten participants' vehicles to monitor their mileage. Preliminary results indicate reductions in driving mileage across participants.

4:20

Sustainability: Applying Psychological Principles to Address Environmental Problems

JUSTIN OLIVER, KIMBERLY MCCOY, WILLIAM BARBER, AND SCOTT COHN

Western State College of Colorado

Psychological research has contributed a great deal to the body of research related to environmental behavior. Unfortunately, these effects remain poorly understood in terms of modifying the components of waste. Quantitative analysis of the waste stream permits these sustainable initiatives to be evaluated in both psychological and economic terms.

4:35

Evolution of Ten Years of Teaching Eco-Psychology

HOWARD INGLE

Salt Lake Community College

Over ten years, an Eco-psychology course has evolved in many ways. I would like to share my experience in developing an Eco-Psychology course with other educators. The course includes a strong academic emphasis, a field school and service-learning component.



Memory

Oral Paper Session, Saturday, 4:30 – 5:30 pm, Parleys 1

Moderator: MAURA PILOTTI, New Mexico Highlands University

4:30

The Impact of Caffeine on Older Adults' Name Learning

ELIZABETH A. CRANDALL AND LORI E. JAMES

University of Colorado at Colorado Springs

We tested the effects of caffeine on 34 older adults' learning and recall of descriptive and non-descriptive names for novel cartoon characters. Caffeine impaired performance specifically for non-descriptive names, but not for descriptive names, contrary to suggestions that caffeine enhances older adults' cognition.

4:45

The Development and Decline of Different Forms of Memory Across the Lifespan

CARL SKEEN, MIGUEL HUERTA, AND MARGARET JORGENSON

University of Colorado at Colorado Springs

The development and decline of different memory types were examined. Participants between the ages of five and 90 were tested in eight different memory types. All memory types first developed and then declined. The rates of development and decline were different across memory types. Faculty Sponsor: Dr. Hasker Davis

5:00

Short and Long-Term Effects of Computerized N-back Training on Working Memory in Children

PAULA B. FIET AND LAUREN A. FOWLER

Weber State University

Working memory has proven to be valuable in predicting future learning outcomes and is closely associated with academic success. A computerized n-back training task was used to try to enhance working memory (WM), as assessed by the AWMA. Results showed short and long-term benefits of computerized n-back training on WM.

5:15

Validating Random Number Generation as a Working Memory Measure

MARGARET A. JORGENSEN, MIGUEL A. HUERTA, AND CARL R. SKEEN

University of Colorado at Colorado Springs

Confounding variables in the Random Number Generation Task (RNG) may compromise its usefulness as a measure of working memory (WM). Correlations between RNG, measures of WM, and declarative/non-declarative memory were examined across the lifespan. RNG demonstrated convergent validity and divergent validity in children only. Faculty Sponsor: Dr. Hasker Davis

Human Sexuality and Mating

Oral Paper Session, Saturday, 4:30 – 5:30 pm, Red Butte and Mill Creek

Moderator: SUSAN BECKER, Mesa State College

4:30

Sexting: Contributing Factors Leading to Permissive Sexual Attitudes and Increased Sexual Promiscuity

LORI J. HENDERSON AND ELIZABETH M. MORGAN

Boise State University

Participation in sexting and sexual behavior were examined. Four hundred and sixty eight college students self reported current sexting and sexual experiences. Frequency of sexting positively correlated with permissive and promiscuous sexual behavior, as well as the number of casual, oral, and sexual intercourse partners.

4:45

It's Probably Sex: Examining How Young Adults' Definitions of Sex Change in Different Contexts

KELSEY SEWELL AND DONALD STRASSBERG

University of Utah

Differences in individuals' definitions of sex across two contexts will be examined. Participants will be asked to decide which acts from a list of sexual behaviors count as "having sex" if (1) they engaged in the behaviors and (2) a partner engaged in the behaviors with someone else.

5:00

Mating Strategies: What Personal Ads Tell Us About What Men and Women Really Want

BRITTANY ENGLISH AND DONALD STRASSBERG

University of Utah

The evolutionary-based parental investment model suggests that men are attracted to potential partners' physical appearance, while women are attracted to signs that a man will invest in and can support her offspring. We tested this model via fictitious personal ads placed on Internet sites. Results strongly support this model.

5:15

Examining Individuals' Preferences for Orgasm Sequence During Heterosexual Sexual Encounters

KELSEY SEWELL¹ AND CHARLENE MUEHLENHARD²

¹University of Utah; ²University of Kansas

We examined preferences for orgasm sequence in heterosexual encounters involving intercourse. College students (n=300) completed questionnaires about situations in which the woman orgasmed before the man (WM) or vice versa (MW). Results indicated 108 men and 67 women had experienced both situations. Some had no preference; everyone with a preference preferred WM.

RMPA Closing Session, Awards Ceremony, and President's Reception/Social Hour



The RMPA Awards Ceremony will occur at 5:30 pm at the beginning of the closing session.



After awards, we will have reports of RMPA Business for 2010-2011.

Saturday 5:30 - 7:00 pm Wasatch 1, 2, and 3

**PENNIE SEIBERT, Boise State University,
Chair and Host**

RMPA Executive Committee Meeting

Sunday, 8:00 am - 1:00 pm Juniper Boardroom

WILLIAM DOUGLAS WOODY, RMPA President 2011-2012
University of Northern Colorado, Chair

ATTENTION STUDENTS! Journal of Psychological Inquiry Call for Papers

- All manuscripts should be formatted in accordance with the APA manual (latest edition).
- Provide the following information:
 - Names, current addresses, and phone numbers of all authors. Specify what address and e-mail should be used in correspondence about your submission,
 - Name and address of your school,
 - Name, phone number, address, and e-mail of your faculty sponsor, and
 - Permanent address and phone number (if different from the current one) of the primary author.
- Include a self-addressed stamped envelope of proper size and with sufficient postage to return all materials.
- Send three (3) hard copies and one (1) electronic copy (CD-rom) of the 3-5 page manuscript in near letter quality condition using 12 point font.
- Include a sponsoring statement from a faculty supervisor. (Supervisor: Read and critique papers on content, method, APA style, grammar, and overall presentation.) The sponsoring statement should indicate that the supervisor has read and critiqued the manuscript and that writing of the essay represents primarily the work of the undergraduate student.

Send submissions to:

Dr. Richard L. Miller
Department of Psychology
University of Nebraska at Kearney
Kearney, NE 68849

See next pages for sections

***Invitation to Contribute to the
Special Features Section—I***

Undergraduate students are invited to work in pairs and contribute to the Special Features section of the next issues of the Journal of Psychological Inquiry. The topic is:

Evaluating Controversial Issues

This topic gives two students an opportunity to work together on different facets of the same issue. Select a controversial issue relevant to an area of psychology (e.g., Does violence on television have harmful effects on children?—developmental psychology; Is homosexuality incompatible with the military?—human sexuality; Are repressed memories real?—cognitive psychology). Each student should take one side of the issue and address current empirical research. Each manuscript should make a persuasive case for one side of the argument.

Submit 3-5 page manuscripts. If accepted, the manuscripts will be published in tandem in the Journal.

Note to Faculty:

This task would work especially well in courses that instructors have students debate controversial issues. Faculty are in an ideal position to identify quality manuscripts on each side of the issue and to encourage students to submit their manuscripts.

***Invitation to Contribute to the
Special Features Section—II***

Undergraduate students are invited to contribute to the Special Features section of the next issue of the Journal of Psychological Inquiry. The topic is:

Conducting Psychological Analyses – Dramatic

Submit a 3-5 page manuscript that contains a psychological analysis of a television program or movie.

Option 1—Television Program:

Select an episode from a popular, 30-60 min television program, describe the salient behaviors, activities, and/or interactions, and interpret that scene using psychological concepts and principles. The presentation should identify the title of the program and the name of the television network. Describe the episode and paraphrase the dialogue. Finally, interpret behavior using appropriate concepts and/or principles that refer to the research literature. Citing references is optional.

***Invitation to Contribute to the
Special Features Section—II (cont.)***

Option 2—Movie Analysis:

Analyze a feature film, available at a local video store, for its psychological content. Discuss the major themes but try to concentrate on applying some of the more obscure psychological terms, theories, or concepts. For example, the film *Guess Who's Coming to Dinner?* deals with prejudice and stereotypes, but less obviously, there is material related to attribution theory, person perception, attitude change, impression formation, and nonverbal communication. Briefly describe the plot and then select key scenes that illustrate one or more psychological principles. Describe how the principle is illustrated in the movie and provide a critical analysis of the illustration that refers to the research literature. Citing references is optional.

***Invitation to Contribute to the
Special Features Section—III***

Undergraduate students are invited to contribute to the Special Features section of the next issue of the Journal of Psychological Inquiry. The topic is:

Conducting Psychological Analyses – Current Events

Submit a 3-5 page manuscript that contains a psychological analysis of a current event. News stories may be analyzed from the perspective of any content area in psychology. The manuscript should describe the particular event and use psychological principles to explain people's reactions to that event.

Example 1: Several psychological theories could be used to describe people's reactions to the destruction of the World Trade Center on September 11, 2001. Terror management research has often shown that after reminders of mortality people show greater investment in and support for groups to which they belong and tend to derogate groups that threaten their worldview (Harmon-Hones, Greenberg, Solomon, & Simon, 1996). Several studies have shown the link between mortality salience and nationalistic bias (see Greenberg, Simon, Pyszczynski, & Solomon, 1992). Consistent with these findings, the news reported that prejudice towards African Americans decreased noticeably after 9/11 as citizens began to see all Americans as more similar than different.

Example 2: A psychological concept that could be applied to the events of September 11 would be that of bounded rationality, which is the tendency to think unclearly about environmental hazards prior to their occurrence (Slovic, Kunreuther, & White, 1974). Work in environmental psychology would help explain why we were so surprised by this terrorist act.

The analysis of a news event should include citations of specific studies and be linked to aspects of the news story. Authors could choose to apply several psychological concepts to a single event or to use one psychological theory or concept to explain different aspects associated with the event.



The Psi Chi Journal of Undergraduate Research encourages undergraduate students to submit manuscripts for consideration. Submissions are accepted for review on an ongoing basis. Although manuscripts are limited to empirical research, they may cover any topical area in the psychological sciences.

Please send ALL submissions and inquiries through the submission link below. Each paper goes through a 2–3 month review process before you will receive feedback. You will be notified of its acceptance or rejection, and any revisions required by the editor, by e-mail. Accepted manuscripts are published according to submission dates and revision turnaround time. If you have any additional questions, e-mail the Journal Editor.

1. The primary author of a submitted manuscript must be an undergraduate student who is a member of Psi Chi. Manuscripts from graduate students may be submitted only if the work was completed as an undergraduate student and not more than 6 months has passed since graduation. Additional authors other than the primary author may include non-Psi Chi students as well as the faculty mentor. Membership verification information (member ID number) for the primary author must be included.

2. Only original manuscripts (not published or accepted for publication elsewhere) will be accepted.

3. All manuscripts must be prepared according to the Publication Manual of the American Psychological Association (5th or 6th ed.); if you are using the first printing of the 6th edition please check the APA Web site for errata.

4. What to submit:

1. A Microsoft Word electronic copy of the complete manuscript with figures, tables, and charts generated in either Word or Excel. Any scanned images or illustrations must be at least 600 dpi resolution. All manuscripts are masked reviewed. Be sure that identifying names, affiliations, etc. appear nowhere on the manuscript (i.e., manuscripts should be free of clues to the identity of the authors).

2. An email address so that receipt of your manuscript can be acknowledged.

3. Your Psi Chi membership ID number along with along with an estimated (or actual) date of graduation should be included in the body of your e-mail.

4. A sponsoring statement from the faculty supervisor who attests:

1. that the research adhered to APA ethical standards;

2. that the mentor has read and critiqued the manuscript on content, method, APA style, grammar, and overall presentation and mentor affirms that it is high-level work; and

3. that the planning, execution, and writing of the manuscript represent primarily the work of the undergraduate student.

Before submitting, refer to the “Checklist for Manuscript Submission” found on APA’s Web site to check the accuracy of your paper for APA style. In addition, please be aware that APA has released Reprint Corrections to the first printing of the 6th edition. Check these on the APA Web site before submitting a manuscript in 6th edition style. To submit a file electronically, go to: <http://www.psichi.org/SignIn.aspx?ReturnUrl=%2fMembers%2fJournal.aspx>

Psi Chi 2011 Award Recipients

Presentation of these awards will occur on Friday from 6-8 pm at the Psi Chi Awards Ceremony in Blue Spruce.

Psi Chi would like to honor the following papers for the Psi Chi Student Research Awards for 2011. These papers are presented in a session on Friday afternoon, and are followed by the Psi Chi Awards Ceremony at 6 pm.

The Effects of Initial Recall Testing on Misinformation in the Social Contagion Paradigm

MARK J. HUFF¹, SARA D. DAVIS², AND MICHELLE L. MEADE²,
¹University of Calgary; ²Montana State University

An Empirical Investigation of National Depression Screening Day: Treatment Effects

BRIAN P. HANSEN, TYLER R. PEDERSEN, JOHN C. OKIISHI, AND THOMAS GOLIGHTLY, Brigham Young University
Faculty Sponsor: Dr. Michael Lambert

Avoiding the Effort Burden: Women’s Motivation for Male-Dominated Fields as a Function of Effort Expenditure Concerns

LAUREN HAWTHORNE, MEG HUNTOON, RYAN VICTOR, AND JESSI L. SMITH, Montana State University

A New Measure to Differentiate Between the Autism Spectrum and Schizoid Personality Disorder

PETER D. MARLE, CAMILLE S. RHOADES, FREDERICK L. COOLIDGE, AND PATRICIA L. MONAGHAN, University of Colorado at Colorado Springs

Maternal Depression and Pitch Modulation in Infant Directed Speech: Roles of Demographic and Diagnostic Factors

LAURA PORRITT AND PETER KAPLAN, University of Colorado Denver

The Effects of Heterosexism on Schematic Memory: Do Heterosexist Individuals Exhibit Selective Memory for Information about Gays and Lesbians?

LARISSA MCGARRITY, University of Utah
Faculty Sponsor: Dr. David Huebner

RMPA

2011 STUDENT PAPER AWARDS

(Winners will be recognized at the RMPA Closing Session)

Two special review committees read the abstracts submitted by the students for this competition. Thanks are due to **Paul Bell, Alice Healy, William Wallace, Mark McDaniel, Eric Amsel, Joe Horvat, Bill Wozniak, Donna Gelfand, Ross Loomis, and Myra Heinrich** for serving on the award review committee, **Roxanne Sullivan** for being Head Judge, and **Chris Randell, Maura Pilotti, Rona McCall, and Clay Silver** for serving on the judge's panel.

RMPA AWARD FINALISTS

Congratulations to these students for outstanding papers!

These awards will be announced at the beginning of the RMPA Closing Session on Saturday at 5:30 pm.

A Comparison of Medication and Psychotherapy Outcome in the Treatment of Eating Disorders: A Meta-Analysis

JULIA HUBBARD AND SARAH CHRISTIAN, Brigham Young University
Faculty Sponsor: Dr. Scott Baldwin

The Testing Effect for Categorized Lists

ELIZABETH A. HARRISON AND CHRISTOPHER A. ROWLAND, Colorado State University
Faculty Sponsor: Dr. Edward DeLosh

Pre-Testing-State Effects and Reading Method Effects on Reading Comprehension

DANIEL A. OTT, Regis University
Faculty Sponsor: Dr. Rebecca Betjemann

Dentate Gyrus Contributions to Contextual Associative Recognition Memory

TRACY HUBERTZ, CHRISTY S. WEEDEN, AND ANDREA M. MORRIS, University of Utah
Faculty Sponsor: Dr. Raymond P. Kesner

The Roles of Shame and Guilt in Hypersexual Behavior

RANDY GILLILAND, Brigham Young University
Faculty Sponsor: Dr. Bruce Carpenter

The Effects of Session Frequency on Psychotherapy Outcome

DAVID M. EREKSON, AMELIA LEETHAM, ANDREA CALL, CAROLINA CRUZ, DAVID HANCOCK, AND TAMARIN HOOPER, Brigham Young University
Faculty Sponsor: Dr. Michael J. Lambert

Characteristics of College Smokers: A Preliminary Analysis

JULIANA ROSA, SEANDRA COSGROVE, AND MATTHEW MAMMOSER, Colorado State University
Faculty Sponsor: Dr. Patricia Aloise-Young

Hispanic Student Achievement and Learning Academy Intervention Program

PAULA R. RODRIGUEZ, University of Northern Colorado
Faculty Sponsor: Dr. Nancy J. Karlin

**We would like to thank
the American Psychological Association
for contributing funds for these awards.**

SPECIAL PRESENTATION

82nd ANNUAL ROCKY MOUNTAIN PSYCHOLOGICAL ASSOCIATION CONFERENCE

APRIL 12-14, 2012

In Reno, NV

COME CHECK US OUT!



RMPA DISTINGUISHED SERVICE AWARDS

In 1978 the Association started a procedure whereby members of the Association who have given their time and efforts over and above that which would be normally required should receive special recognition. That year, the Association established a Distinguished Service Award which was a small means whereby individuals could be afforded special recognition. Since that time several individuals have been so honored. The honorees are:

1978	Bernard Spilka	University of Denver
1981	Ralph D. Norman	University of New Mexico
1982	William H Brown	Utah Psychological Center
	Alice R. Fehrenbach	Denver, Colorado
	Wilson J. Walthall	University of Wyoming
	Helen Wilson	Eastern Montana College
1983	Irwin H. Cohen	V.A. Hospital, Denver, Colorado
	Henry C. Ellis	University of New Mexico
	W. C. Leiding	Lovelace Medical Center
	Earl E. Swartzlander	Denver, Colorado
1984	Robert H. Bruce	University of Wyoming
	Harrie F. Hess	University of Nevada, Las Vegas
1985	Paul Porter	University of Utah
	Sheila Dietz	Colorado State University
1986	Janet Wollersheim	University of Montana
1987	Richard G. Weigel	Colorado State University
1988	W. C. Leiding	Lovelace Medical Center
	David Thomas	University of Colorado, Boulder
	Harl H. Young	Metropolitan State College
	Michael Wertheimer	University of Colorado, Boulder
1989	Sara Lyon James	SE Wyoming Mental Health Center
	Neil Bartlett	University of Arizona
1991	Theodore H. Cutler	University of Denver
1992	Len Haas	University of Utah
1993	Janet Kay Schnorr	Northern Arizona University
1994	Michael Wertheimer	University of Colorado, Boulder
1995	Robert L. Atwell	Denver, Colorado
1996	Karen E. Ford	Mesa State College
1997	William Wallace	University of Nevada, Reno
1998	Susan Bromley	University of Northern Colorado
	William J. Wozniak	University of Nebraska at Kearney
1999	No award given	
2000	Paul Bell	Colorado State University
2001	Kenneth Nikels	University of Nebraska at Kearney
2002	Pennie Seibert	Boise State University
	Roger Fouts	Central Washington University
2003	Rick Miller	University of Nebraska at Kearney
2004	Mitch Handelsman	University of Colorado at Denver
	Wayne Viney	Colorado State University
2005	Diane Martichuski	University of Colorado Boulder
2006	Alice Healy	University of Colorado Boulder
2007	Michelle Butler	U.S. Air Force Academy
	Mark McDaniel	Washington University
2008	Nancy Karlin	University of Northern Colorado
2009	Ross Loomis	Colorado State University
2010	Judith A. Sugar	University of Nevada Reno

RMPA Convention Sites

1930	Boulder, CO	1972	Albuquerque, NM
1931	Greeley, CO	1973	Las Vegas, NV
1932	Fort Collins, CO	1974	Denver, CO
1933	Laramie, WY	1975	Salt Lake City, UT
1934	Golden, CO	1976	Phoenix, AZ
1935	Colorado Springs, CO	1977	Albuquerque, NM
1936	Denver, CO	1978	Denver, CO
1937	Boulder, CO	1979	Las Vegas, NV
1938	Greeley, CO	1980	Tucson, AZ
1939	Fort Collins, CO	1981	Denver, CO
1940	Denver, CO & Laramie, WY	1982	Albuquerque, NM
1941	Greeley, CO & Golden, CO	1983	Snowbird Village , UT
1942	No meeting	1984	Las Vegas, NV
1943	No meeting	1985	Tucson, AZ
1944	Denver, CO	1986	Denver, CO
1945	Boulder, CO	1987	Albuquerque, NM
1946	No meeting	1988	Salt Lake City, UT
1947	Colorado Springs, CO	1989	Reno, NV
1948	Greeley, CO	1990	Tucson, AZ
1949	Laramie, WY	1991	Denver, CO
1950	Fort Collins, CO	1992	Boise, ID
1951	Denver, CO	1993	Phoenix, AZ
1952	Boulder, CO	1994	Las Vegas, NV
1953	Albuquerque, NM	1995	Boulder, CO
1954	Laramie, WY	1996	Park City, UT
1955	Boulder, CO	1997	Reno, NV
1956	Grand Teton Natl Park, WY	1998	Albuquerque, NM
1957	Salt Lake City, UT	1999	Fort Collins, CO
1958	Santa Fe, NM	2000	Tucson, AZ
1959	Sun Valley, ID	2001	Reno, NV
1960	Glenwood Springs, CO	2002	Park City, UT
1961	Albuquerque, NM	2003	Denver, CO
1962	Butte, MT	2004	Reno, NV
1963	Cody, WY	2005	Phoenix, AZ
1964	Salt Lake City, UT	2006	Park City, UT
1965	Denver, CO	2007	Denver, CO
1966	Albuquerque, NM	2008	Boise, ID
1967	Salt Lake City, UT	2009	Albuquerque, NM
1968	Denver, CO	2010	Denver, CO
1969	Albuquerque, NM	2011	Salt Lake City, UT
1970	Salt Lake City, UT	2012	Reno, NV
1971	Denver, CO	2013	Denver, CO

Rocky Mountain Psychological Association Presidents (1930-2011)

1930/31	Lawrence W. Cole	University of Colorado
1931/32	Jacob D. Heilman	Colo State Teachers College
1932-33	Thomas R. Garth	University of Denver
1933/34	George T. Avery	Colorado Agricultural College
1934/35	Jacob D. Heilman	Colo. State Teachers College
1935/36	Thomas H. Howells	University of Colorado
1936/37	Thomas R. Garth	University of Denver
1937/38	Karl F. Muenzinger	University of Colorado
1938/39	Robert A. Davis	University of Colorado
1939/40	Lawrence W. Miller	University of Denver
1940/41	Wallace T. Wait	Colorado State College of Educ.
1941/42	S. L. Crawley	Colorado State College of Educ.
1942/43	Robert H. Bruce	University of Wyoming
1943/44	Robert H. Bruce	University of Wyoming
	Martha Lou Lemmon	Colorado College
1944/45	Lawrence W. Miller	University of Denver
1945/47	William A. Blakely	Colorado College
1947/48	Thomas H. Howells	University of Colorado
1948/49	Lillian G. Portenier	University of Wyoming
1949/50	Lawrence I. O'Kelly	University of Colorado
	Karl F. Muenzinger	University of Colorado
1950/51	Theodore H. Cutler	University of Denver
1951/52	Herbert Klausmeier	Colo. State College of Educ.
1952/53	Ralph D. Norman	University of New Mexico
1953/54	Hugh B. McFadden	University of Wyoming
1954/55	Lawrence S. Rogers	VA Hospital, Denver
1955/56	Donald D. Glad	Univ. of Colorado Med Center
1956/57	Maurice P. Smith	University of Colorado
1957/58	Calvin W. Taylor	University of Utah
1958/59	Anna Y. Martin	New Mexico Highlands Univ
1959/60	Wilson J. Walthall	University of Wyoming
1960/61	Paul B. Porter	University of Utah
1961/62	Bert R. Sappenfield	University of Montana
1962/63	Earl. E. Swartzlander	Swartzlander & Meyer
1963/64	Merrell Thompson	New Mexico State University
1964/65	John D. Cambareri	Idaho Department of Health
1965/66	William H. Brown	University of Utah
1966/67	Wilbur C. Miller	University of Denver
1967/68	Bernard Spilka	University of Denver
1968/69	Henry C. Ellis	University of New Mexico
1969/70	Ernst G. Beier	University of Utah
1970/71	John E. Hinkle	Colorado State University
1971/72	Joel E. Greene	New Mexico Highlands University

Rocky Mountain Psychological Association Presidents (1930-2012; cont.)

1972/73	Helen Wilson	Eastern Montana College
1973/74	Richard G. Weigel	Colorado State University
1974/75	Gregory A. Kimble	University of Colorado
1975/76	Harl H. Young	Div. of Mental Health, Colorado
1976/77	W. C. Leiding	Lovelace Clinic, Albuquerque
1977/78	William F. Battig	University of Colorado
1978/79	Harrie F. Hess	University of Nevada, Las Vegas
1979/80	Sheila R. Deitz	Colorado State University
1980/81	David R. Thomas	University of Colorado
1981/82	Michael Wertheimer	University of Colorado
1982/83	Terry C. Daniel	University of Arizona
1983/84	Janet P. Wollersheim	University of Montana
1984/85	David W. Martin	New Mexico State University
1985/86	Nelson F. Jones	University of Denver
1986/87	David C. Raskin	University of Utah
1987/88	Lyle E. Bourne, Jr.	University of Colorado
1988/89	Donna M. Gelfand	University of Utah
1989/90	Lee B. Sechrest	University of Arizona
1990/91	Leonard Haas	University of Utah
1991/92	Nancy Felipe Russo	Arizona State University
1992/93	William P. Wallace	University of Nevada, Reno
1993/94	Joseph Horvat	Weber State University
1994/95	Alice F. Healy	University of Colorado
1995/96	Beatrix T. Gardner William P. Wallace	University of Nevada, Reno Acting President, U. of Nevada
1996/97	Mark McDaniel	University of New Mexico
1997/98	Paul Bell	Colorado State University
1998/99	Roger Fouts	Central Washington University
1999/00	Elizabeth Glisky	University of Arizona
2000/01	Richard L. Miller	University of Nebraska at Kearney
2001/02	Wayne Viney	Colorado State University
2002/03	Mitch M. Handelsman	University of Colorado at Denver
2003/04	Karen Ford	Mesa State College
2004/05	Ross Loomis	Colorado State University
2005/06	Charles Honts	Boise State University
2006/07	Nancy Karlin	University of Northern Colorado
2007/08	Judith Sugar	University of Nevada Reno
2008/09	Bill Wozniak	University of Nebraska at Kearney
2009/10	Eric Amsel	Weber State University
2010/11	Pennie Seibert	Boise State University
2011/12	Doug Woody	University of Northern Colorado
2012/13	Wayne Weiten	University of Nevada, Las Vegas

Thursday April 14, 2011

PLACE/TIME	Wasatch 3	Red Butte (TEACHING SESSIONS)	Mill Creek (TEACHING SESSIONS)	Parleys 1 (grad student sessions)	Blue Spruce 3rd floor (STUDENT SESSIONS)
12:00 - 12:55 pm	Teaching Takeout				
1:00-1:55 pm		Academia Balancing Act - Balancing Work and Family	Teaching Individuals with Disabilities		Study Skills for the GRE
2:00-2:55 pm	Barney Beins				Building Your Professional Biography/CV
3:00-3:55 pm		College Skills 101: What Psychology Has To Offer New College Students	Service Learning and Experiential Education	APA Academic Career Workshop	Securing GOOD Letters of Recommendation
4:00-4:55 pm		Academic Integrity: Techniques, Technology and Teaching Moments	From Graduate School to Career Success: What Have We Learned?		Making the Most of Your Time at RMPA
5:00-5:55 pm	RMPA Opening Speaker David Strayer (Wasatch 3 and 4)				
6:00 - 7:00	Teaching Posters and Kick-off Reception (Wasatch 1 and 2)				
7:00- 8:00					

BYU Ice Cream
Social
6:30 - 8:00 pm in
Parleys 1 and 2

Friday Schedule, April 15, 2011										oral papers, symposia, workshops				40
DATE/TIME	Wasatch 4 (main speakers)	Wasatch 3 (main speakers)	Wasatch 1 & 2 (posters, exhibits)	Blue Spruce (3rd flr- Psi Chi)	Red Butte	Mill Creek	Parleys 1	Parleys 2	Other					
8:00 - 8:30				Psi Chi Welcome Breakfast	Social 1	History/ Religion	Memory/ Cognitive (starts 8:15)	I/O (starts 8:15)						
9:10 - 9:40	Carol Tavis interviews Elizabeth Loftus													
9:40 - 10:10														
10:20 - 10:50				What is Grad School Like?	Christian G. Zimmerman	Social 2	Emotion (goes to 11:05)	Resilience and Recovery in Vina Vieja, Peru						
10:50 - 11:20														
11:30 am to 1:00 pm	lunch-break	lunch-break	lunch-break	Psi Chi Advisors' lunch (Copper Canyon Pvt DR)	lunch break	lunch-break	lunch break		Diversity Video and Discussion with lunch (Aspen Room)					
1:00 - 1:30	Elizabeth Loftus													
1:30 - 2:00														
2:10 - 2:40			Education/School /Sports	Loftus Conversation Hour	GLBT symposium	Neuropsych 1	APA - How to Publish	Hypersexual Disorder in DSM?						
2:40 - 3:10														
3:20 - 3:50	Hazel Markus			PSI CHI Award winners Oral Session (start at 4 pm)		Health	B.F. Skinner Symposium	Terror Management Symposium						
3:50 - 4:20					APA - Debt, Salaries, Career	Law								
4:30 - 5:00			Social/Popouation/Environmental											
5:00 - 5:30														
EVENING	Worth Publishers Social 6 to 8 pm (Wasatch 4)			Psi Chi Awards Ceremony 6 - 7 pm (take light rail to campus)										

Saturday Schedule, April 16, 2011										oral papers, symposia, workshops				Aspen (3rd floor)
DATE/TIME	Wasatch 4 (main speakers)	Wasatch 3 (main speakers)	Wasatch 1 & 2 (posters, exhibits)	Blue Spruce (3rd flr- Psi Chi)	Red Butte	Mill Creek	Parleys 1	Parleys 2	Aspen (3rd floor)					
8:00 - 8:30	Westminster College Breakfast			Teaching Oral Session	Culture	Environmental Psychology Panel - Future of Envir Psych	Neuropsych 2	Clinical 1 (starts at 8:15)						
8:30 - 9:00														
9:10 - 9:40				Psi Chi Journal: Advice for Getting Published	Gender		Neuropsych 3	Council on Undgrad Resch Symposium						
9:40 - 10:10				What Makes an Effective Leader?	Personality	Landscape Perception	Teaching/ Education	Clinical 2						
10:20 - 10:50	Henry Ellis													
10:50 - 11:20														
11:30 - 12 pm	lunch break	lunch break	lunch break	lunch-break	lunch break	lunch-break	lunch break	Teaching planning luncheon (Copper Canyon Pvt DR)	Diversity lunch with Warren Blumenfeld					
12:00- 12:30														
12:30 - 1:00		Development/Diversity/Health/ Law/Community												
1:00 - 1:30	Eric Amsel				Social 3	Measurement	Battig Memorial Lecture	Interventions for Latino Adolescents						
1:30 - 2:00														
2:10 - 2:40	Warren Blumenfeld			Chapter Problem Solving and Planning	RMPA Award Finalists 1		Ellis-Battig Memory Symposium	Response to Intervention Workshop						
2:40 - 3:10				Chapter Idea Exchange	RMPA Award Finalists 2		Happiness Workshop	Environmental Psych						
3:20 - 3:50														
3:50 - 4:20			Neuropsych/History/Relig/Meas/ Design/IO/Perception/Performance											
4:30 - 5:00														
5:00 - 5:30														
5:30 - 7:00			Closing Session, Awards, Reception											