**Dedication to Trixie Gardner**

**(1933 - 1995)**

The 1996 convention has special significance for members of the Executive Committee, as well as for many participants, and members of the Association. It marks the first occasion in the history of this regional association that the meetings have been dedicated to the memory of a colleague and member. Beatrix T. Gardner would have completed her Presidential year at this convention had she not been tragically stricken with septicemia last June. She was a brilliant scholar, a dedicated scientist, and a beloved colleague. It is our hope that



the convention this weekend will provide opportunities to share memories of Trixie and to celebrate the scientific contributions and advancements she made for so many fields.

Trixie was a student of Niko Tinbergen in the 1950s, trained in the ethologist tradition. Her career was highlighted by many seminal publications, first with the three-spined stickleback, then with the jumping spider, and finally the most widely known research involving two-way, human language communication with chimpanzees. First, Washoe, then later Moja, Pili, Tatu, and Dar put "human-o-centric" theorists on the defensive, causing some to rewrite the "rules" for what makes man "unique" and "superior" among the species. For Trixie, along with her husband and research partner, Allen Gardner, the focus has always been on the interesting, intelligent behaviors of the chimpanzees. In her inimitable style, Trixie once mused with a BBC interviewer who was pressing her about practical implications and ultimate goals of the chimpanzee-language project, that maybe in the future it might be interesting to sit down with a chimpanzee and have a discussion about evolution. Trixie's wit, grace, charm and insight made it a joy to be near her. We are proud to have been able to count her as a friend and now to dedicate this 66th annual RMPA convention to such a distinguished colleague, such a brilliant scientist, and such a beautiful person.

**Greetings from the Acting President:**

The 66th annual convention of the Rocky Mountain Psychological Association is dedicated to Beatrix T. Gardner as a special tribute. It marks the first occasion that the Association has chosen to honor an exceptional scientist and scholar through the official dedication of its convention. Trixie's presence will be apparent through a keynote address by Dr. R. Allen Gardner *(Beatrix T. Gardner: 'On the Side of the Apes')*, by the distinguished invited speakers she selected (Roger and Deborah Fouts), the symposia sessions that she proposed (Bonnie Brinton and Martin Fujiki and James O'Connell),



a symposium involving students of Allen and Beatrix Gardner (organized by Tom Van Cantfort), other paper presentations by Gardner students, and the precious memories of Trixie shared by students, colleagues, and friends.

Trixie was a wonderful friend and a brilliant colleague who always seemed to know the right thing to say at the right time. At this point she would no doubt add that the quality of the submitted papers and posters, the participation in symposia by Arthur Glenberg, Alice Healy, Reed Hunt, Mark McDaniel, and James Nairne; by Kristen Hawkes and Nicolas Blurton Jones; by Genie Canales, Pamela Jumper-Thurman, and Dottie Morris, and the invited addresses by Martha Bernal, Donna Gelfand, Neal Johnson, David Rosenhan, Sara Shettleworth, Richard Shiffrin, & Jim Korn combine to make this one of the most exciting conventions in RMPA history.

From Friday through Sunday over 150 papers and posters will be presented, including the student award-winning papers by Scott Bates, Melanie Battistone, Lisa Brooks, Ashton Koons, Amalia Sirolli, Julie Ruiz, and Irene Schwarting. Considering the 40 or so workshops, symposia, discussion groups, and invited speakers, the 2 1/2 day program should be packed with stimulating presentations ranging over many topic areas. Although our official geographical region encompasses only 8 states, convention participants represent 20 different states and over 50 institutions. Thirty-one individuals volunteered their time to review abstracts to ensure the high quality of the program. Representatives for Psi Chi, CTUP, Utah Valley State College, and the University of Utah also deserve our thanks. The RMPA Executive Committee, the program co-chairs, Rick Miller and Bill Wozniak, and the convention manager, Marte Fallshore, deserve special recognition for the time and effort they invested to make this 66th RMPA convention so special.

I hope you enjoy the convention and your stay in Park City, and that you will reserve April 18-20, 1997 on your schedule for the 67th annual RMPA convention in Reno, Nevada. With regard to next year’s convention, I am pleased to announce that we have received a small grant to promote psychological sciences in our region from the American Psychological Association Science Directorate. Graduate students presenting papers at the 1996 meeting will be eligible for a $500 award that may be used for research and travel expenses for the 1997 RMPA convention (and a place on the program to present their research results).



RMPA Acting President

**PROGRAM**

**Sixty-Sixth Annual RMPA Convention**

**1996**

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Map of Park City Inside Back Cover

Please bring this program with you. It will cost you $5.00 to replace it at the meeting.

**GENERAL INFORMATION**

**Reservations:**

Members should already have received reservation information, which was contained in the Fall & Winter newsletters. Hotel reservations may be made calling the Inn at Prospector Square using the toll-free number, 1-800-945-4373. To receive the special convention rate, inform the hotel that you will be attending RMPA.

**Location:**

All regular meetings will be held at the Inn at Prospector Square, which is located at 2200 Sidewinder Dr., Park City, UT 84060. The Psi Chi Sponsors Luncheon and the CTUP Business Meeting will be at the Grub Steak Restaurant.

**Airport Connections:**

There are several ways to get from the Salt Lake City Airport to the Inn, and most of them cost about $18.00 one way. The *All Resort Express*, (800) 457-9457, runs every 2 hours from 8 am to 8 pm, and is $18.00 at each way. *DLS Transportation*, (800) 837-6490, has a van that seats 8 to 10 people for $90.00. Make a reservation for that one. Finally, *Rocky Mountain Transportation* (800) 397-0773, is $19.00 one way or $36.00 round trip with a reservation. There is also parking for all guests at the hotel should you decide to rent-a-car/drive.

**Handicapped Access:**

All conference rooms at the Prospector are handicapped accessible. Meeting rooms, restaurants and lavatories are accessible for wheelchairs. ped access. RMPA members should specify any needs or requests pertaining to handicapped access when making room reservations. There are wheelchair accessible rooms available for RMPA members on request.

**Exhibitors:**

The exhibits are all located in the Coalition Rooms I & II. A list of all exhibitors is provided in this program. Exhibitors provide support for the RMPA convention and the best way to say "thank you" is with your patronage.

**Information and Messages:**

Bulletin boards for messages and announcements are located in the main hall, near the registration tables. Please feel free to use them to communicate with your colleagues. Voice mail is also available in all Prospector Inn bedrooms.

**Smoking:**

As a courtesy to those who do not smoke and to protect the health of all, the Executive Committee requests that you refrain from smoking in the meeting rooms. Thank you. In addition, the Utah Clean Air Act prohibits smoking in all public areas (including restaurants and bars). For the un-converted, you must go outside to smoke. There are "smoking rooms" available which RMPA members may request when making room reservations.

**Registration:**

Members are advised to pre-register for the convention since this allows badges to be typed in advance and saves waiting in line. Convention registration forms were sent with the Fall newsletter. Additional forms may be obtained from the RMPA Secretary. On-site registration will begin at 5:00 pm on Thursday. The registration desk is located in the main lobby on the first floor. 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:



Thursday 5:00 pm - 9:00 pm

Friday 8:30 am - 4:00 pm Saturday 8:30 am - 11:30 am

On-site registration fees are:

Members $40.00

Non-members $70.00

Students (members) $15.00

Students (non-members) $25.00

Family members $15.00

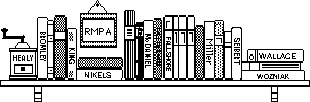
**Membership:**

The yearly dues are $25.00 for members and $10.00 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 desk. Member application forms can be obtained at any time during the year from the RMPA Treasurer, Dr. Pennie S. Seibert, Department of Psychology, Boise State University, Boise, ID 83725, or by e-mail rpsseibe@idbsu.idbsu.edu. There is no geographical restriction on membership.

**Weather:**

Park City weather is usually unpredictable but you should expect temperatures in the low 40s to mid 70s (Park City is at 7000 ft. elevation), with the possibility of rain or snow and occasional winds. It has been unseasonably warm as of this writing (Feb. 1996), with record snowfall in January and none since. In other words, it's hard to predict what it will be like in April!

**RMPA EXECUTIVE COMMITTEE MEMBERS**



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**THE PROGRAM REVIEW COMMITTEE**

Each of the 162 contributed abstracts was read by one of the Program Co-Chairs (Bill Wozniak or Rick Miller) and one of the thirty distinguished psychologists, representing 18 institutions of higher education, who served as reviewers. We would like to express our appreciation to them for their assistance in putting together this outstanding program of papers, symposia, posters, workshops, and panels.

Richard P. Atkinson *Weber State University*

Joe Benz *University of Nebraska at Kearney*

Carla Bluhm *Arizona State University - West*

Wayne Briner *University of Nebraska at Kearney*

Susan L. Crowley *Utah State University*

Susan K. Fuhr *Weber State University*

David M. Gonzalez *University of Northern Colorado*

Alan M. Hartman *Idaho State University*

Cooper Holmes *Emporia State University*

Lester Hunt *Northern Arizona State University*

Rick Ingram *San Diego State University*

Melinda Jones *University of Pittsburg*

Nancy Karlin *University of Northern Colorado*

Kevin S. Masters *Utah State University*

Steven E. Meier *Idaho State University*

Susan L. Morrow *University of Utah*

Beal Mossman *Montana State University*

M. Sean O'Halloran *University of Northern Colorado*

Joan C. Post-Gorden *University of Southern Colorado*

William E. Roweton *Chadron State College*

Robert F. Rycek *University of Nebraska at Kearney*

Lora D. Schlewitt *University of Northern Colorado*

Eugene P. Sheehan *University of Northern Colorado*

Patrick Sherry *University of Denver*

N. Clayton Silver *University of Nevada at Los Vegas*

Jesse N. Valdez *University of Denver*

Catherine Weir *Colorado College*

I. David Welch *University of Northern Colorado*

Roger Whitehead *University of Colorado at Denver*

Laurie J. Wilson *University of Utah*

Mark Winter *Southern Utah* *State University*

**SUMMARY OF EVENTS**

**Invited Addresses**

Jim Korn........................................................................Friday, 10:00 am

*Learning to Teach Psychology and Becoming a Teacher*

Donna Gelfand.................................................................Friday, 11:00 am

*Real World Research: Working with Clinically Depressed Mothers*

Neal F. Johnson................................................................Friday, 3:00 pm

*A Multisource Model of Lexical Activation*

Roger & Deborah Fouts.................................................Saturday, 10:00 am

*Recent Chimpanzee Sign Language Studies: A Research Report from CHCI*

Martha Bernal...............................................................Saturday, 11:00 am

*Creating a Culturally Diverse Faculty*

Sara J. Shettleworth........................................................Saturday, 1:00 pm

*The Ecology of Spatial Memory: A Case Study in Evolutionary Psychology*

David L. Rosenham........................................................Saturday, 2:00 pm

*Ardent Faith*

Richard M. Shiffrin.........................................................Saturday, 3:00 pm

*REM: A New Model for Explicit and Implicit Memory*

R. Allen Gardner............................................................Saturday, 4:00 pm

*Beatrix T. Gardner: 'On the Side of the Apes'*

**RMPA**

Executive Committee Meeting.........................................Thursday, 7:00 pm

Past President’s Address by Donna Gelfand............................Friday, 11:00 am

Distinguished Lecture by Roger and Deborah Fouts.............Saturday, 11:00 am

Presidential Address by R. Allen Gardner.............................Saturday, 4:00 pm

Business Meeting...........................................................Saturday, 5:00 pm

Presidential Reception and Social Hour...............................Saturday, 5:30 pm

Executive Committee Meeting............................................Sunday, 9:00 am

**CTUP/Division II Events**

G. Stanley Hall Lecture by Jim Korn...................................Friday, 10:00 am

Business Meeting.............................................................Friday, 12:00 pm

Faculty Evaluation: How and Why (co-sponsored by CUPP).....Friday, 1:00 pm

Using the Undergraduate Resource.........................................Friday, 3:00 pm

Mentoring Lesbian, Gay and Bisexual Students.......................Friday, 4:00 pm

Teaching Take Out..........................................................Saturday, 9:00 am

Teaching Issues Poster Session........................................Saturday, 10:00 am

Teaching Issues Paper Session.........................................Saturday, 11:00 pm

**PSI CHI**

Applied Psychology, Experimental Psychology or

Academia: Which Area is Right for Me?.................................Friday, 9:00 am

Sponsors Luncheon (Grub Steak Restaurant).........................Friday, 12:00 pm

Graduate School Exchange...................................................Friday, 2:00 pm

Psi Chi Social Hour (Hospitality Suite, Rm 436)....................Friday, 5:30 pm

Psi Chi Oral Paper Session...............................................Saturday, 9:00 am

Chapter Information Exchange.........................................Saturday, 10:00 am

Awards Luncheon (Hospitality Suite, Rm 436)...................Saturday, 12:00 pm

Distinguished Lecture by David Rosenhan...........................Saturday, 2:00 pm

Psi Chi Poster Session......................................................Sunday, 9:00 am

Getting Into and Succeeding at Grad School.........................Sunday, 10:00 am

**Groups UnderRepresented in Psychology**

Out in the Academy: Mentoring Lesbian,

Gay and Bisexual Students...................................................Friday, 4:00 pm

Invited Address by Martha Bernal......................................Saturday, 11:00 am

Doing Research with Women of Color:

How is it Different........................................................Saturday, 12:00 am

Psychotherapy with Gay and Lesbian Clients (Video)............Saturday, 2:00 pm

Commonalities and Differences in Issues Facing Women

Across Different Fields of Psychology................................Sunday, 10:00 am

**Symposia**

Ellis-Battig Memory Symposia............................................Friday, 9:00 am

How to Fix Things with Words:

Conversational Repair Mechanisms.....................................Friday, 11:00 am

Following the Hazda..........................................................Friday, 2:00 pm

Using the Undergraduate Resource.........................................Friday, 3:00 pm

Human Performance........................................................Saturday, 9:00 am

Research with Cross-fostered Chimpanzees:

In Memory of Beatrix Gardner..........................................Saturday, 11:00 am

Doing Research with Women of Color:.............................Saturday, 12:00 pm

Commonalities and Differences in Issues Facing Women

Across Different Fields of Psychology................................Sunday, 10:00 am

**Oral Paper Sessions**

**Friday, April 12**

Psychology of Gender...................................................................9:00 am

Developmental Psychology..........................................................10:00 am

Perception and Performance..........................................................11:00 am

Educational and School Psychology...............................................12:00 am

Social Psychology I.....................................................................1:00 pm

Learning and Memory...................................................................2:00 pm

Animal Experimental Psychology...................................................3:00 pm

Personality Assessment.................................................................3:00 pm

**Saturday, April 13**

Psi Chi Paper Session...................................................................9:00 am

Clinical Psychology I...................................................................9:00 am

Social Psychology II...................................................................10:00 am

CTUP Teaching Issues................................................................11:00 am

Clinical Psychology II.................................................................12:00 am

Comparative Psychology...............................................................2:00 pm

**Poster Sessions**

**Friday, April 21**

Developmental Psychology............................................................9:00 am

Clinical Psychology I..................................................................10:00 am

Human Experimental Psychology..................................................12:00 pm

Personality and Personality Assessment...........................................1:00 pm

Gender and Health Psychology........................................................2:00 pm

**Saturday, April 22**

Physiological and Comparative Psychology......................................9:00 am

CTUP Teaching/Educational & School Psychology..........................10:00 am

Clinical Psychology II.................................................................11:00 am

Social Psychology I....................................................................12:00 pm

Industrial/Organization and Social Psychology II................................2:00 pm

**Sunday, April 23**

Psi Chi Poster Session......................................................Sunday, 9:00 am

**Workshops**

Brief Therapy and Matters of Ethics.......................................Friday, 9:00 am

Feminist Therapy: Issues in Practice and Training..................Friday, 11:00 am

Psychopharmacology.........................................................Sunday, 9:00 am

**Panel Discussions**

Applied Psychology, Experimental Psychology or

Academia Which Area is Right for Me?.................................Friday, 9:00 am

Faculty Evaluation: How and Why.......................................Friday, 1:00 pm

Using Professional Psychology Training Centers

to Prepare Students as Scientists-Professionals........................Friday, 2:00 pm

“Out” in the Academy: Mentoring Lesbian,

Gay, and Bisexual Students..................................................Friday, 4:00 pm

Experience and Advice from First Year Graduate

Students: Acceptance and Survival.......................................Friday, 4:00 pm

Psychology and philosophy: Both keys to human nature?......Saturday, 9:00 am

Counseling Psychology: A Funny Thing

Happened on the Way to the Millenium.............................Saturday, 10:00 am

Postdoctoral Training: A Collaborative Venture....................Saturday, 2:00 pm

*Like a Lasting Storm:* Implications

for Assessment and Treatment.............................................Sunday, 9:00 am

Getting Into and Succeeding at Grad School.........................Sunday, 10:00 am

**Meetings**

RMPA Executive Committee...........................................Thursday, 7:00 pm

CTUP/Division II Business Meeting...................................Friday, 12:00 pm

RMPA Business Meeting (for all members).........................Saturday, 5:00 pm

RMPA Executive Committee.............................................Sunday, 9:00 am

**Social Events**

PSI CHI Sponsors Luncheon (Grub Steak Restaurant)............Friday, 12:00 pm

Informal Reception in Honor of Trixie Gardner........................Friday, 4:30 pm

PSI CHI Social Hour (Hospitality Suite, Rm 436)..................Friday, 5:30 pm

Coffee and Rolls provided by U. of Utah.............................Saturday, 8:00 am

CTUP Business Luncheon (Grub Steak Restaurant).............Saturday, 12:00 pm

PSI CHI Awards Luncheon (Hospitality Suite, Rm 436)......Saturday, 12:00 pm

RMPA President's Reception............................................Saturday, 5:30 pm

**PRE-CONVENTION ACTIVITIES**

RMPA Executive Committee Meeting



***Thursday, 7:00 - 9:00 PM Board Room***

**William P. Wallace**, RMPA Acting President

University of Nevada - Reno, Chair

REGISTRATION



*Thursday, 5:00 PM - 9:00 PM*

Registration is on the first floor outside the Sundance Theatre

**Additional Registration Times**

Friday 8:30 AM - 4:00 PM

Saturday 8:30 AM - 11:30 AM

**FRIDAY**

**PROGRAM ACTIVITIES**

**PSI CHI**

**Panel Discussion**

***Friday, 9 - 11 AM Silver King 1***

*Applied Psychology, Experimental Psychology or Academia: Which Area is Right for Me?*

Moderator:

**Nancy J. Karlin**, University of Northern Colorado,

Rocky Mountain Regional Vice President of Psi Chi

Participants:

**Norine Jalbert**, Western Connecticut State University

**Susan P. Bromley**, University of Northern Colorado

**Paul A. Bell**, Colorado State University

**Psychology of Gender**

***Friday, 9 - 10 AM Silver King 2***

Susan Morrow, University of Utah, Moderator

**9:00**

**Do Sex-Related Perceptions Determine Female Organizational Advancement? A Literature Review**

SUSAN R. ADAMS AND HERMAN AGUINIS, U. of Colorado at Denver

We review the literature linking women's lack of upward mobility to actual and perceived sex-related differences in managerial attributes. We discuss gender stereotypes and illustrate how the sex-typing of the managerial role may lead to biased performance and selection judgments. Finally, we delineate implications for organizational research and practices.

**9:15**

**Actual and Fantasized Behavior: Sex-related Differences in the Use of Defense Mechanisms**

SUSAN L. CROWLEY AND TAMARA J. FERGUSON,

Utah State University

Sex-related differences in use of defense mechanisms were examined. How males and females fantasize behaving and would actually behave in frustrating situations were compared. Males and females were dissimilar in reporting how they would actually behave, but similar in their desire to externalize when asked how they would fantasize behaving.

**9:30**

**Gender Differences in the Perception**

**of Heterosexual Harassment**

STEPHANIE L. BLASI, University of Northern Colorado

Eighty-six undergraduates read vignettes which described an interaction between a manager and an employee and then rated the appropriateness of the manager's behavior. Participants rated the male manager's behavior as less appropriate than the female manager's behavior. Women rated the manager's behavior in both situations as less appropriate than did men.

**Workshop**

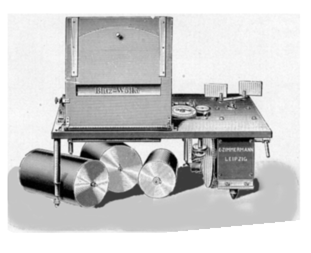
***Friday, 9 - 10 AM Theatre Lounge North***

*Brief Therapy and Matters of Ethics*

**I. David Welch, James Bramson, & Patricia Falcon,** University of Northern Colorado

The approach to psychotherapy labeled Brief Therapy is offered in a number of different approaches. Whether from the standpoint of time or from a group of solution-focused techniques, this approach raises ethical concerns from the APA Code of ethics. This program presents these ethical concerns and discusses each point.

Ellis-Battig Memory Symposium



*Friday, 9 - 11:30 AM Silver King 4*

Alice F. Healy, University of Colorado at Boulder, and

Mark A. McDaniel, University of New Mexico, Moderators

*Comparing Semantic and Episodic Memory*

*with Reconstruction of Order Tasks*

Alice F. Healy, University of Colorado at Boulder

*Prospective Memory: No Longer Forgotten*

**Mark A. McDaniel**, University of New Mexico

*What Memory is For*

Arthur Glenberg, University of Wisconsin

*The Value of Short-Term Memory*

James S. Nairne, Purdue University

*Auld Lang Syne*

R. Reed Hunt, University of North Carolina

**Developmental Psychology Poster Session**

***Friday, 9 - 10 AM Coalition I & II***

**Observation of Caregivers and Learning in Infants**

CATHERINE WEIR, CATHERINE BACCHUS AND SARAH SOULE, Colorado College

The learning performance of infants was studied following observation of caregivers receiving contingent or noncontingent rewards. An audio-visual reinforcer was contingent on touching a canister for 59 6-to 12-month olds. Observation of caregivers in a noncontingent situation adversely affected the subsequent learning performance of the infants.

**Mother, Child and Gender Role Acquisition**

MAHLON B. DALLEY AND TRACEY L. BRANCH,

University of Northern Colorado

This study examined the relationship between maternal sex role, parenting style, income and educational level to preschool children's sex role characteristics. Mothers of preschool children were asked to complete a sex role inventory on themselves and one on their children. Mothers who were more gender stereotypic had boys who were more cross gendered.

**Effects of Obstetric Medication on Newborn**

**Hearing and Arousal**

MONIQUE L. YOUNGQUIST AND CATHERINE WEIR, Colorado College

The effects of obstetric medication on newborn auditory-brainstem-evoked responding and arousal were investigated. As predicted, medication did not have an effect on hearing responses but significant negative correlations between infant arousal and obstetric medication were found. This was attributed to central nervous system depression following obstetric medication.

**A Narrative Study of Transitions Within/Between Physical and Symbolic Mother-Infant Play**

LISA J. TAYLOR AND ALAN FOGEL, University of Utah

Systems theory guides this narrative case study which explores two mother-infant dyads' communication during telephone games. The primary focus is to demonstrate an innovative data analysis method, a narrative analysis, which is used to investigate the transitional processes of mother-infant play interaction. Using frames as the unit of analysis, both similarities and differences were found within and between dyad's frame transitions.

**The Relation of Motor Development and Working Memory Capacity in Pre-school Children**

KATHERINE CORBETT, ERIC MANSFIELD AND STEVEN PULOS, University of Northern Colorado

The relations between working memory capacity, gross-motor abilities and cognitive abilities was investigated in 25 kindergarten students. Correlational analysis indicates a significant relation between working memory capacity and a physical composite (motor tasks total). Age was not significantly related to either physical or cognitive tasks.

**Listening Beliefs: Comparing Spanish Children and Mothers with American Children and Mothers**

KAREN L. MCGILL AND JANIE M. SHAKLEE, U of Northern Colorado

This study reports the listening beliefs of Spanish children and their mothers and compares the beliefs with previous research on American children and their mothers. In both societies children believe a good listener should stay quiet and still, while mothers believe good listeners will ask questions.

**Body Image Perception in Children**

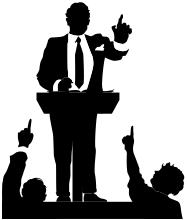
BRENDA N. FRIEDMAN, RANDY SORTER AND RICK M. GARDNER, University of Colorado at Denver

Children ages 6, 9 and 12 estimated body size using a TV-video methodology employing 3 psychophysical procedures. Subjects were very accurate in size estimations. There was a small over-estimation which diminished with age. Gender differences were observed. Correlations of self-esteem and body-esteem with size estimation are reported.

G. Stanley Hall

Distinguished Lecture

Sponsored by APA-Division II/CTUP



Jim Korn

St. Louis University

*Learning to Teach Psychology and Becoming a Teacher*

*Friday, 10 - 11 AM Sundance Theatre*

Susan P. Bromley, University of Northern Colorado, Moderator

**Developmental Psychology**

***Friday, 10 - 11:15 AM Silver King 3***

Catherine Weir, The Colorado College, Moderator

**10:00**

**The Anytown Program: Reducing Stereotypical Attitudes Among Adolescents**

TERI R. RICHARDSON, JASON P. KRING, SHARON B. MOCKENHAUPT AND LISA M. REBOY, Emporia State University

This study evaluated the degree to which the Anytown Program reduces adolescents' stereotypes toward people from other groups. Participants completed a pretest and a 6 month follow-up survey. Adolescents who attended Anytown expressed fewer stereotypical attitudes based on measures of social distance; the degree to which individuals are comfortable with different religious beliefs, cultural backgrounds and sexual preferences.

**10:15**

**Mothers' Reactions to Their Adolescent Sons' Puberty**

Carla Bluhm, Nancy Adams, Carol Gegenheimer, Lynn Jones, Denise Superits, Kristine Thumma and Becky Wentworth-Rochester, Arizona State University-West

Mothers were group interviewed to assess reactions to their adolescent son's social, emotional, cognitive and physical development. Mothers have the most negative reactions about their son's sexual development and related social issues. Findings are considered in relationship to single mother parenting, school counseling and the mental health of adolescent boys.

**10:30**

**Relationship Between Adolescent Egocentrism and Cognitive Functioning**

ROBERT F. RYCEK, SHERRY L. STUHR, JACCI MCDERMOTT, JENNIFER BENKER AND MICHELLE D. SWARTZ, Univ. of Nebraska at Kearney

The relationship between adolescent egocentrism and post-formal thinking was examined in 163 undergraduates. Participants were administered the Imaginary Audience Scale and the Social Paradigm Belief Inventory. Results showed that females had higher levels of adolescent egocentrism and that this was related to cognitive functioning.

**10:45**

**Predictors of Developmental Task Attainment for Young Adults from Divorced Families**

PATRICK JOHNSON, University of Utah Counseling Center

To determine which variables may affect developmental task attainment for young adults from divorced families, 118 University students from divorced families completed measures of developmental task attainment and family functioning. Results indicate that specific dimensions of family functioning (e.g., conflict, cohesion, expressiveness) have unique effects on young adult task attainment.

**11:00**

**Overcoming Misconceptions in Science Through**

**Cognitive Conflict**

ERIC MANSFIELD AND STEVEN PULOS, Univ. of Northern Colorado

The effect of facilitated peer-based cognitive conflict on overcoming misconceptions about gravity was investigated in 123 elementary school students. Students were presented with and discussed both misconceptions and conceptions about gravity. Cognitive gains were seen on problems discussed and on related problems, but not on more distantly related tasks.



**Clinical Psychology I**

**Poster Session**

***Friday, 10 - 11 AM Coalition I & II***

**Pre-Surgical MMPI-2 Scores and Lumbar Surgery Outcomes: Preliminary Findings**

KEVIN S. MASTERS, Utah State Univ.; RAND L. SCHLEUSENER,

AND JOHN D. SCHLEGEL, Univ. of Utah Health Sciences Center

Certain pre-surgical MMPI-2 scale scores correlated with three-month outcomes of lumbar surgery. Specifically, high scores on scales 1 and 3 were associated with less favorable overall outcomes. A pattern of high MMPI-2 scores also predicted less effectiveness for pain medication but no relations were found for global pain ratings.

**Treating a Fear of Children: A Case Example**

CYNTHIA SCHWARTZ, DAN HOULIHAN, KELLI KRUEGER,

AND DEB SIMON, Mankato State University

In vivo desensitization and self-modeling were evaluated for effectiveness in treating a 29-year-old female with an intense fear of children. Nineteen sessions were conducted over a 6-month period. Following treatment, the subject stopped avoiding situations involving children, heart rate and blood pressure decreased slightly, confidence increased and multiple fears in the client's life were reduced. A 5-month follow-up supported the treatment results.

**Past Sexual Assault: Consequences for Current Relationships**

LAURIE J. WILSON AND JESSICA N. GREENSON, University of Idaho

Effects of past sexual abuse on relationships were examined. One hundred seventy-eight students were administered relationship inventories and asked to rate the effects of their own or their partner's abuse on their relationship.

**Sexual Victimization Among College Students: Prevalence, Psychopathology and Coping Styles**

LAURIE J. WILSON AND JESSICA N. GREENSON, University of Idaho

Effects of level of sexual assault on psychopathology and coping were examined. One hundred seventy-eight students completed the MMPI, SCL-90-R, CRI and a questionnaire dividing sexual assault into five levels.

**Assessment of Internalizing Disorders in Minority Children: A Review of the Literature**

MIKE WILLIAMS, Utah State University

The purpose of the present research was to review the empirical literature on internalizing disorders in minority children and compare their prevalence rates with rates for majority children. Preliminary evidence suggests that minority children may have a higher incidence and prevalence of internalizing disorders compared to majority children.

**Reliability of Measuring Past Depressive Symptoms**

J. PATRICK HUSTON AND RICK E. INGRAM, San Diego State Univ.

The reliability of retrospective reports of past depressive symptoms was examined. A measure of past depressive symptoms was administered twice to 67 undergraduates. Correlation coefficients ranged from .62 to .77, with higher correlations for severe symptoms than moderate or mild symptoms.

**Relationships Between Parental Bonding and**

**Parental Depression**

AFSOON EFTEKHARI, University of California, San Diego,

CHRISTY SCHER, San Diego State Univ./University of California, San Diego and RICK INGRAM, San Diego State University

Relationships between caring and overprotection dimensions of parental bonding and parental depression were examined. Approximately 1100 students completed questionnaires assessing lifetime depressive symptomatology of each parent and levels of parental bonding in reference to each parent. Several strong relationships emerged between parental bonding and parental depression.

**Effects of Parental Depression on Adult Attachment**

CHRISTY SCHER, San Diego State Univ./Univ. of California,

San Diego AND RICK E. INGRAM, San Diego State University

Effects of parental depression on closeness, dependency and anxiety dimensions of adult attachment were examined. Approximately 1000 students completed questionnaires assessing lifetime maternal and parental depressive symptomatology, participants' current depressive symptomatology and adult attachment. Several predictive relationships emerged between parental depression and adult attachment.

**Interracial Marriage: Psychosocial Implications**

**for Women**

DIANNA K. RANGEL AND ALBERTA M. GLORIA, University of Utah

Psychosocial differences were examined among white (n=33) and ethnic (e=25) women married within and across race. Three standardized instruments assessed personality type, gender role traditionality and ethnic identity development. Interracially married ethnic women demonstrated lower levels of ethnic identity than did their same-race married counterparts. White women showed no between-group differences.



**Groups UnderRepresented**

**Workshop**

***Friday, 11 AM - 1 PM Silver King 2***

*Feminist Therapy: Issues in*

*Practice and Training*

**SUSAN L. MORROW, REBECCA M. BEARDSLEY, KRISTY K. BARTLEY, BRIAN W. CAMPBELL, MARILYN N. SNELL, and SUSAN M. CURTIS,** University of Utah.

This workshop focuses on implementation of feminist therapy principles in counseling and psychotherapy. Through didactic and experiential presentation, experienced and trainee feminist therapists will present theory and practical applications of feminist therapy.

**Perception & Performance**

***Friday, 11 AM - 11:30 AM Silver King 1***

Roger Whitehead, University of Colorado at Denver, Moderator

**11:00**

**Effects of Awareness of Scale Invariance on Perception of Object Constancy**

ALAN HARTMAN, Idaho State University

Twenty-two persons viewed objects located up to five miles away. They cited experience as basis for perceiving object constancy. Observers made aware of scale invariance in visual arrays utilized this information in judging object constancy. The results support perceptual learning theory.

**11:15**

**Figural After-Effects in the Perception of Faces**

HOLLY A. NELSON, OTTO H. MACLIN AND MICHAEL A. WEBSTER, University of Nevada, Reno

Small configural changes in human faces are highly discriminable. We used images of faces to examine how adaptation might influence form perception for complex naturalistic objects. In normal viewing, adaptation to natural stimuli such as faces may exert a ubiquitous and selective influence on form perception.

RMPA Past President’s Address

Donna Gelfand

University of Utah

*Real World Research: Working with Clinically Depressed Mothers*

*Friday, 11 - 12 PM Sundance Theatre*

Marte Fallshore, Utah Valley State College, Moderator

**Invited Symposium**

***Friday, 11 - 12 PM Theatre Lounge North***

*How to Fix Things with Words:*

*Conversational Repair Mechanisms*

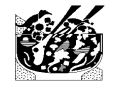
**Bonnie Brinton and Martin Fujiki,** Brigham Young University

Despite the general fluency that characterizes most conversational interactions, language use is replete with possible trouble sources. This presentation describes the systematic conversational repair mechanisms that facilitate conversational interaction. The use of conversational repair by typically developing children, children with language impairment, adults with mental retardation, and older adults with developmental disabilities will be discussed.

PSI CHI

Sponsors Luncheon

(Sponsors please contact Nancy Karlin)



*Friday, 12 - 1 PM Grub Steak Restaurant*

Nancy J. Karlin, University of Northern Colorado,

Rocky Mountain Regional Vice-President of Psi Chi, Moderator

CTUP/Division II



Luncheon Business Meeting

*Saturday, 12 - 1 PM Grub Steak Restaurant*

Richard L. Miller, University of Nebraska at Kearney, Chair

SPECIAL NOTICE

To RMPA Members

Copies of the proposed changes in the RMPA Constitution and By-Laws are available at the RMPA Table in the Exhibitors Area (Coalition I & II). Please review them prior to the RMPA Business Meeting on Saturday at 5:00 PM.

[Nebraska is Number 1]

**Educational And School Psychology**

***Friday, 12 - 1:15 PM Silver King 3***

Theresa Wadkins, University of Nebraska at Kearney, Moderator

**12:00**

**Effects of Choosing Academic Assignments on a Student with Attention Deficit-hyperactivity Disorder**

SHAWN POWELL, University of Northern Colorado

The effects of choosing academic assignments implemented as antecedent control on a second grade student with ADHD were analyzed. This study replicated and extended Dunlap, dePerczel et al.'s (1994) research. An ABAC design showed that task engagement increased and disruptive behaviors decreased when the student was allowed to choose assignments.

**12:15**

**Identification and Analysis of Senior High School Students Exhibiting Adaptive Coping Strategies**

MICHAEL P. GUNNING AND ELLIS P. COPELAND,

University of Northern Colorado

Few coping behaviors have been shown to buffer maladjustment in the adolescent population. In a sample of 232 high school seniors, only 11 students were identified as adaptive copers. Interestingly, these 11 students were found to have greater internal locus of control and less symptomatology than students exhibiting maladaptive coping strategies.

**12:30**

**The Effects of Explicit Memory on Implicit Learning**

GYPSY DENZINE, ERIC MANSFIELD, DIANA SUHR,

AND JOHN COONEY, University of Northern Colorado

This study examine the disassociation between two memory systems by inducing an explicit mode of learning prior to performing the serial-reaction task. Subjects in the implicit condition exhibited an advantage in performance (i.e., decrease in reaction time) compared to subjects who explicitly learned the pattern prior to training.

**12:45**

**Einstellung Development and Recovery: The Role of Working Memory and Susceptibility to Interference**

JOHN B. COONEY, GYPSY DENZINE, STEVE VILLACHICA, TAMARA DEATHERAGE, ALISON HILL, KAREN MCGILL AND DINAH JACKSON, University of Northern Colorado

The results from this study indicated working memory capacity and susceptibility to interference each accounted for unique amounts of the variance in the development and recovery of Einstellung. Einstellung situations are those where subjects continue to use complex solutions to problems which are solvable by a simpler method.

**1:00**

**The Influence of Past Performance on "Feeling-of-Knowing" Metacognitive Measures**

OTTO H. MACLIN, University of Nevada, Reno

Past performance in a psychology course was examined to determine its influence on students' feeling-of-knowing judgments and accuracy. Students rated how well they felt they knew the answer to questions on the final. Higher class grade average students tended to inflate scores and individual performance was more accurate than actuarial probability.



**Human Experimental Psychology**

**Poster Session**

***Friday, 12 - 1 PM Coalition I & II***

**The Effects of Practice, Task Difficulty and Processing Style on Human Performance**

ROGER WHITEHEAD, TOM MACKENZIE, CINDY WANG

AND JULI SCHUETT, University of Colorado at Denver

Subjects completed 4 typing tasks, one baseline and three requiring additional, task-disruptive processing. The degree of disruption was directly related to the subjects' level of expertise. In line with the Bliss-Boder hypothesis, we argue that performance of an automatic skill is impaired by bringing the skill under conscious control.

**Implications of Gray's Theory for the Practice of Basketball Free-Throw Shooting**

ROGER WHITEHEAD AND WILSON BUTZ, University of Colorado at Denver; ROSS VAUGHN AND BILL KOZAR, Boise State University

NCAA basketball players were videotaped while attempting free-throw shots during game and practice situations. Elevated performance was found in practices when players made several temporally contiguous free-throw attempts. Performance decrements found under game situations were associated with the temporal characteristics of free-throws. Implications for the structuring of practices are discussed.

**Characterizing Attentional Flexibility: An Examination of Attentional Processes in Artists and Non-Artists.**

LORA D. SCHLEWITT, University of Northern Colorado,

AND BARBARA BURNS, University of Louisville.

Do artists see the world differently than non-artists? The current study examines self-reports along with actual performance differences between artists and non-artists in the processing of local/global information and similarity/identity relations. These methods converge on the relationship between artistic experience and attentional flexibility.

**Someone Has Been Here Before: Social Affordances and Landscape Preference**

THOMAS C. GREENE AND DAVID S. ABRAHAM, St. Lawrence Univ.

This study examined the function of one category of affordance cues (features that make a landscape more survivable) on landscape preferences. We focused on social affordances as a special case in which the presence of humans promises to provide security or support.

**Perceptual Vigilance as a Function of**

**Meditation Experience**

RICHARD P. ATKINSON, Weber State University

This study compared the signal detection task performance of 15 meditators and 15 non-meditators in response to a 40 minute breathing meditation. Meditators scored a significantly greater number of "strong" and "weak signal" hits on the posttest trials than did non-meditators and a significantly greater number of "strong" and "weak signal" hits from the pretest to the posttest trials.

**Hypnotic Susceptibility and Lucid Dreaming**

RICHARD P. ATKINSON, VICKI OPHEIKENS AND SHARLA LEMON, Weber State University

This study examined the differential influences of hypnotic susceptibility (20 high, 20 medium, 20 low) on reported frequencies of lucid dreams pre-post to a posthypnotic suggestion. High hypnotizables reported significantly more lucid dreams than medium and low hypnotizables. No significant pre-post differences were found in hypnotic groups for the posthypnotic suggestion.

**Examination of Derived Mental Representations Between Nonsense Symbols**

OTTO H. MACLIN AND LINDA J. HAYES, Univ. of Nevada, Reno

Complex mental representations derived from a match-to-sample paradigm were examined using MDS. We found MDS to be a viable alternative for examining equivalence in mental networks rather than using a forced discrimination test. In some cases, equivalence testing was demonstrated as responsible for forming equivalence and not training alone.

**Systematic Changes in Second-floor Facial Configurations as Determinants of Attractiveness and Distinctiveness**

HOLLY NELSON, OTTO MACLIN AND MARY RADEKE,

University of Nevada, Reno

The effect of inversion was examined for a single face distorted on two dimensions using a Gaussian distribution. Ratings for attractiveness and distinctiveness were correlated to configural measurements using stepwise regression. Results for inverted faces are qualitatively similar to upright faces, although quantitatively different using less configural information.

**CUPP/CTUP Panel Discussion**



***Friday, 1 - 2 PM Theatre Lounge North***

*Faculty Evaluation: How and Why*

**JOAN C. POST-GORDEN,** University of Southern Colorado, Moderator

Participants:

**CATHERINE WEIR,** Colorado College

**Nabil Haddad,** University of Montana

**William Wozniak,** University of Nebraska at Kearney

Faculty evaluations are used to decide issues of employment, improvement of performance or accountability to external audiences. Evaluations of teaching, scholarship, service and/or advising are traditional sources of data. The method of collecting the data and the weight to be given each type is an issue of sometimes heated debate.

**Social Psychology I**

***Friday, 1 - 2 PM Silver King 4***

Alane Brown, Fort Lewis College, Moderator

**1:00**

**Fat Bias: A Review and Empirical Investigation**

KRISTEN L. DAVIS AND JENNIFER WALTZ, University of Montana

Bias against fat people, which will be reviewed, was explored empirically. College students were presented with a picture of a woman appearing fat or non-fat and rated her on various characteristics. Significant differences were found on both demographic and personality variables. Future research will examine mental health professionals' fat bias.

**RMPA Student Paper Award**

**1:15**

**Differences in Ethnic Identity and Adjustment Among Adolescents with Mixed-Heritage Backgrounds and Adolescents with Single-Heritage Backgrounds.**

SCOTT C. BATES, Colorado State University

Measures of ethnic identification and several measures of mental health were used to detect differences among mixed-and single-heritage adolescents. Results indicated that mixed-heritage participants were less identified with both Mexican-American and White-American culture than either single-heritage group. Finally, mixed-heritage participants demonstrated significant difference in levels of experienced alienation.

**1:30**

**Deception in Loving Relationships**

JOAN E. BURGESS, Fort Lewis College

This study was conducted to determine who in loving relationships is lying and why. Subjects completed a 22 question survey on the perceptions of themselves and their partner's views of deception. The findings show that women are more likely to report lying, more often than men, to their partners.

**1:45**

**The Effects of Attachment in Responding to a Mood Induction**

JANE BARDAL, AVI MILSTEIN AND CHERYL SIGNORE,

University of New Mexico

Subjects received either a positive of neutral mood induction, then performed a problem solving task. Securely attached subjects felt more positive after receiving a positive mood induction, but insecurely attached subjects experienced no elevation of positive mood. Secure and insecure subjects performed equally well on a problem solving task.



**Personality & Personality Assessment**

**Poster Session**

***Friday, 1 - 2 PM Coalition I & II***

**The Lucid Love Style: Differences on the Erotometer**

N. CLAYTON SILVER, JENNIFER J. THURMAN, CYNTHIA A. CALKINS, SEAN T. CAREY, M. LYN HOEFER, MARGIE G. KOCH

AND RICHARD J. BELL, University of Nevada, Las Vegas

Three hundred seventy-eight undergraduates were completed the Love Attitudes Scale and the Erotometer. Those low in lucid love scored higher in respect, similarity of family beliefs, forgiveness, altruism, sharing in responsibility and dependency than those who were medium or high in lucid love.

**An Exploratory Analysis of Individualism vs. Collectivism and Conflict Management**

PATRICIA A. ELLISON-POTTER, PAUL A. BELL,

AND SCOTT B. HAMILTON, Colorado State University

The relationship between individualism, collectivism and conflict management were assessed. One-hundred and ninety-five participants were given three individualism/collectivism scales and one conflict management scale. Analysis revealed low to moderate correlations among scales, indicating a need for the individualism/collectivism construct to be more definitively operationalized.

**Attributing Motivations for Romantic Involvement:**

**The Role of Attachment Styles**

MELINDA JONES, University of Pittsburgh at Bradford

This study examined the association between attachment styles and attributions for own and partners' motivations for relationship maintenance. Insecurely attached persons, relative to their securely attached counterparts, attributed less intrinsic and instrumental motivations for both their own and their partners' relationship involvement.

**Self Concept Changes in Troubled Young Parents After Intensive Case Management**

BEAL MOSSMAN, Montana State University-Billings

In the Young Parent Program case managers become partners with parents; working together to bring life under control. After participation in the program the Tennessee Self-Concept Scale indicate positive changes in external psycho-social and the internal personal characteristics of participants.

**Attributions for Success and Failure as Predictors of Conflict Resolution Style**

ARINA ULMAN, BELISA OLIVARES AND ROGER WHITEHEAD,

University of Colorado at Denver

Subjects completed 2 questionnaires, one assessing attributional style, the other assessing conflict resolution style. Individuals who employ violent conflict resolution tactics were characterized by internal attributions. Individuals subjected to violent conflict resolution tactics were characterized by external attributions for their successes and internal attributions for their failures.

**The Anagram Task as a Measure of Persistence**

CHARLES R. OVANDO, TRISHA HUBBS AND KIM W. SCHAEFFER, Point Loma Nazarene College

The reliability and validity of an anagram task (scrambled letters that when unscrambled form words) as a persistence measure was studied in 50 students. Task reliability was found across two examiners. The response latency measure of the anagram task, however, did not correlate significantly with a self-report measure of persistence.

**Attachment Style as a Vulnerability Factor for Depression**

KELLY A. BAILEY, RICK E. INGRAM AND GREG SIEGLE,

San Diego State University

It was hypothesized that those with an insecure adult attachment style are more vulnerable to depression as seen by their negative self-referent cognitive structures. Half of subjects were primed into a sad mood. For the mood-induced subjects, those with an insecure attachment style endorsed negative adjectives significantly higher.

**Modeling Nonparticipation in Psychology Experiments**

AFSOON EFTEKHARI, GREG SIEGLE, CHRISTY SCHER,

AND RICK INGRAM, San Diego State University

The effects of individual differences in refusal to participate and nonattendance after agreement to participate in psychology experiments were examined. Using self-report measures. 75 subjects were called on the phone an offered the opportunity to participate in psychology experiments. Both higher positive and negative self-esteem and being male were associated with lower participation.

**Personality Variables and Emotional Intelligence**

Robert AGEE, Karen DISHION, Jennifer HADDAD, Junko MURATA, Susanne THARP, Stephanie TOLMAN AND Jacqui TOWNSEND, Albertson College of Idaho

Emotional intelligence, taking into account the domains of self-awareness, empathy and social skills was measured. Thirty-six undergraduates were also administered tests to measure self-esteem, self-monitoring, personality type A/B and physical well-being. All scores were analyzed with multiple regression analysis.

PSI CHI

Graduate School Exchange



*Friday, 2 - 4 PM Silver King 1*

Moderator:

Joseph J. Horvat, Jr., Weber State University,

RMPA Past President, Psi Chi National Past-President.

Participants:

Mitchell Handelsman, representing Univ. of Colorado at Denver

Joan Post-Gorden, representing University of Southern Colorado

David Dodd, representing Utah State University

Paul Bell, representing Colorado State University

Jean Hill, representing New Mexico Highlands University

Laurie Wilson, representing University of Idaho

Michael J. Lambert, representing Brigham Young University

Kenneth R. Paap, representing New Mexico State University

Lora Schlewitt, representing University of Northern Colorado

Michael Wertheimer, representing University of Colorado-Boulder

**Learning And Memory**

***Friday, 2 - 3:15 PM Silver King 3***

Steven Meier, University of Idaho, Moderator

**2:00**

**Effects of List Length and Serial Position**

**on Concept Learning**

EDWARD L. DELOSH, Purdue University

The current study investigates the effects of list length and serial position on accuracy in a paired-associate task. Neither variable reliably affected the accuracy of transfer responses when paired associates were functionally related. Implications for associative-and rule-learning models of concept learning are discussed.

**2:15**

**Effects of Ethanol on Punishment: Implications for Decision Making**

STEVEN E. MEIER, University of Idaho; THOMAS A. BRIGHAM

AND LOUIS GRAY, Washington State University; TAMMY BOWEN, University of Idaho; DAVID WARD, Clemson University;

AND ROBERT MENDENHALL, University of Idaho

A series of studies examined how varying blood ethanol levels influenced the effectiveness of a negative punishment procedure in a risk-taking/decision-making task. Using a game task under four or five different BAC condition, results indicated no significant effects for ethanol under 3 levels of punishment certainty and severity.

**2:30**

**Testing Generate/Recognize Models of Recall**

MELISSA J. GUYNN AND MARK A. MCDANIEL, Univ. of New Mexico

A classic and a modified version of a generate/recognize model of recall were tested. Subjects studied a list of high and low frequency categorized words and were tested with category label cues and either direct or indirect test instructions. The cued recall results did not support either version of the generate/recognize model of recall.

**RMPA Student Award Paper**

**2:45**

**Inhibition and Facilitation Due to Associative Priming**

IRENE S. SCHWARTING, University of Utah

Two studies showing apparently conflicting effects of expectancy on performance were compared. Methodological differences which may account for the empirical discrepancy are described. An experiment correcting for the potential confounds replicated the study showing facilitory effects of expectancy. Implications for theories of attention are discussed and a potential reconciliation described.

**3:00**

**Multiple Phonemic Changes Before and After Critical Positions in Speech Recognition Memory**

THOMAS R. SHAFFER, LISA M. LEFEBVRE, WILLIAM P. WALLACE, University of Nevada, Reno, MARK T. STEWART, University of California-San Diego

Used non-words derived from target base words to Investigated the effects of phonemic changes before & after "critical" early and late phoneme positions. Changing additional phonemes BEFORE a "critical" early phoneme change but not AFTER a "critical" late phoneme change eliminates early/late differences in false recognition to base words.

**Panel Discussion**

***Friday, 2 - 3 PM Silver King 4***

*Using Professional Psychology Training Centers to Prepare Students as*

*Scientists-Professionals*

**CASSANDRA N. NICHOLS, WALTER C. BUBOLTZ, JR.,**

**AND PATRICK JOHNSON,** University of Utah Counseling Center.

The fostering of graduate student research is an important component of psychology program training clinics (PPTC). The University Counseling Center is one type of PPTC that is readily available setting for clinical service and training in research. The purpose of this presentation is to demonstrate how we have used our PPTC to conduct research, highlighting the "perils" and "successes."

**Gender And Health Psychology**

**Poster Session**

***Friday, 2 - 3 PM Coalition I & II***

**Gender Differences in Sense of Direction: Horizontal Rotation Has No Effect**

KAREN TILLMAN, TERESA HOPKINS, LESTER HUNT

AND BRAD IVERSON, Northern Arizona University

The effects of gender and horizontal rotation on sense of direction were examined. Twenty-four women and 24 men pointed toward local and distant landmarks following either no turns, four turns or eight turns in a chair. Males were better than females and distant landmarks were better than local landmarks. Results are consistent with an evolutionary model of spatial ability.

**American Ethnic Minority Women Sexual and Gender Roles: A Scale Validation Study**

JESSE N. VALDEZ, ALEXANDER H. VO, SUKI S. MONTGOMERY,

SCOTT THURLOW-HARRISON, JESSICA FROEHLICH, LIZZIE MONTANEZ-RAMIREZ AND KIMBERLY E. GRABER, Univ. of Denver

Scales measuring sexual attitudes and gender roles were administered to American ethnic minority women and white European American women. Factor analyses yielded three factors for each scale. Factors unique to ethnic American culture were identified. Results indicated that these scales can be used with ethnic minority women to assess culture specific and culturally relevant sexual attitudes and gender role attitudes.

**Taking the Psychological Vital Signs of Primary Care Patients**

NORMAN ANDERSON III, M. JANN DEWITT, MICHAEL RIGDON, ROBERT HILL AND KAREN SEELERT, Intermountain Health Care

and the University of Utah

Patients in primary care medical clinics commonly suffer from emotional distress. A new measure of emotional distress found 45 per cent of patients scored in the clinical range and spent twice as much time as others with physicians.

**Sexual Harassment: Do Gender Differences Affect Reporting?**

JULIE SELLERS, Fort Lewis College

The effects of the gender of an interviewer on male and female subjects responses to scenarios of sexual harassment were examined. Both males and females reported more behaviors as sexual harassment when interviewed by a woman.

**Perspectives of Healthy Children on Fetal-alcohol-syndrome Siblings**

CATHERINE WALLACE, AMY KERNS AND CATHERINE WEIR,

Colorado College

Healthy children reported attitudes toward siblings and compared themselves to peers. Three groups were studied: those whose siblings were healthy nonadapted, healthy fostered/adopted, or had fetal-alcohol-syndrome (FAS). The group with FAS siblings felt more isolated than their peers and this was not recognized by their parents. The group with healthy fostered/adopted siblings felt more pressure to achieve.

**RMPA Student Paper Award**

**Age-Related Differences in Preferences of Navajo Indians Toward Health Care Providers**

MELANIE L. BATTISTONE, University of Utah

Preferences of older and younger adult Navajo Indians for western and indigenous healthcare providers were assessed. Forty-eight adults were read vignettes depicting physical and mental illnesses and completed a series of forced-choice questions on health care preference. Although there was a preference for western providers, traditional healers were also utilized.

**The Impact of Sexual Assault on Mexican-American and White Non-Hispanic Adolescent Females**

JILL A. KUHN, CHARLEANEA M. ARELLANO AND ERNEST L. CHAVEZ, Tri-Ethnic Center for Prevention Research, Colorado State Univ.

A non-clinical sample of Mexican-American and White Non-Hispanic adolescent females was utilized to examine the effects of sexual assault. Participants were asked about their psychosocial, behavioral and emotional functioning. Differences in functioning were found between the assault and non-assault groups which were not explained by ethnicity.

**Gender Influences on Perception of Child Neglect**

BRANDY MICHELLE VERNAY, WILLIAM DOUGLAS WOODY

AND WAYNE VINEY, Colorado State University

Three hundred undergraduates read forty scenarios and rated on a five-point scale whether or not they believed each scenario was an example of child neglect. Effects of the gender of the parent, the gender of the child and the gender and sex-role identification of the participant were analyzed.

**Invited Symposium**

***Friday, 2 - 4 PM Theatre Lounge North***

*Following the Hazda*

**Nicolas Blurton Jones,** University of California, Los Angeles

**Kristen Hawkes,** University of Utah

**James O’Connell,** University of Utah

Since 1984, members of a University of Utah/UCLA research team have been working among the Hadza, traditional subsistence hunters in northern Tanzania. Studies have covered demography, child care, time allocation,and foraging strategies. Results illuminate the ecological opportunities and constraints associated with hunting and gathering in arid savanna environments. They have important implications for general arguments about human behavior and evolution.

**Animal Experimental Psychology**

***Friday, 3 - 4:15 PM Silver King 2***

Allen Szalda-PetrEe, University of Montana, Moderator

**3:00**

**The Effects of Effort Requirements on Video Icon Choice with Rhesus Macaques**

ANDREW J. VELKEY, GEORGANN ZACHARY, ALLEN D. SZALDA-PETREE and ANN C. SZALDA-PETREE, Univ. of Montana-Missoula

Video-foraging behavior was investigated. Subjects were four Rhesus macaques (M. mulatta). A computer-generated foraging environment was used. Subjects made choices among pairing of icons representing three different effort levels. Subjects reliably selected the lowest effort condition in any given pairing.

**3:15**

**Effects of Reintroduction on Aggression Levels in a Small Colony of Macaques**

GEORGANN ZACHARY, LISA R. BROOKS, DUSTIN MERRITT, LISA M. FOSBENDER AND ANN C. SZALDA-PETREE, University of Montana

Social colony aggression levels were measured for two weeks prior and two weeks post animal removal from or reintroduction into the colony. The results suggest that removal and reintroduction of animals does not significantly affect long-term aggression levels.

**3:30**

**Effort Shifts and Contrast in the Running Wheel**

GEORGANN ZACHARY, NABIL F. HADDAD AND

ALLEN SZALDA-PETREE, University of Montana

A successive contrast preparation was used to examine the effects of effort shifts on running speed in rats (N=32). During acquisition the low effort condition produced significantly faster running speeds compared to the high effort condition. However, no contrasts effects were obtained in the postshift phase.

**RMPA Student Paper Award**

**3:45**

**The Effects of Force and Response Cost on Wheel Running in Rats**

LISA R. BROOKS, ALLEN D. SZALDA-PETREE AND

NABIL F. HADDAD, University of Montana

Wheel-running, in rats, under various force and distance (response cost) requirements was investigated using a computer automated running wheel. The results indicate that force requirements primarily affect actual speeds during running, while response cost affects the periods between running bouts.

**4:00**

**Transmission of a Novel Feeding Technique in Golden Hamsters**

MANDY MYERS, CROSBIE RONNING, PATRICIA SIMONET, MICHELLE OKASHIMA, PEGGY HOLMES, OLGA PAPKOVITCH, & APRIL BACKES, Sierra Nevada College

Golden hamster pups acquired a new feeding technique through interaction with their skilled mothers. The new behavior required the hamsters to retrieve a piece of food hanging from a chain by using their teeth and paws. The results suggest that social cues are used in the acquisition of the new behavior.

Invited Address



Neal F. Johnson

Ohio State University

*A Multisource Model of Lexical Activation*

*Friday, 3 - 4 PM Sundance Theatre*

Kenneth W. Nikels, University of Nebraska at Kearney, Moderator

**Personality Assessment**

***Friday, 3 - 4:15 Silver King 4***

Susan Crowley, Utah State University, Moderator

**3:00**

**The Application of Generalizability Theory to Parenting Stress Index Scores**

JIM SHARPNACK AND SUSAN CROWLEY, Utah State University

This study examined the application of generalizability theory to Parenting Stress Index scores collected from parents of children having disabilities. GENOVA analyses produced G coefficients for studies that varied based on time and item facets. The results of the various studies will be discussed as well as their practical applications.

**3:15**

**Vietnam, PTSD and Hollywood: Myths and Realities**

SUSAN K. FUHR, MARKO WHITELEY AND MATT CHRISTIANSEN, Weber State University

Thirty-three U.S.-made, feature length films of Vietnam veteran readjustment and posttraumatic stress disorder were evaluated. Four films (12%) met full DSM-IV criteria for diagnosis. Relationships to other film characteristics are explored, as are implications for a lay audience's understanding of veteran issues.

**RMPA Student Paper Award**

**3:30**

**Too Much of a Good Thing: Two Scales for Measuring Unrealistic Optimism**

ASHTON N. KOONS AND MAHLON B. DALLEY,

University of Northern Colorado

Attempted to expand the definition of optimism with respect to realism. One hundred seventy-nine students completed an "attributability scale" asking them to indicate whether they generally identify causes for life events. Attributability and optimism correlated positively and modestly, however, virtually no correlation was found between attributability and its validity measure.

**3:45**

**Polynesian, Asian and Caucasian Differences on the Outcome Questionnaire**

R. SCOTT NEBEKER, KENNETH L. SEELY, ANNETTE STEPHENSON

AND MICHAEL J. LAMBERT, Brigham Young University

The Outcome Questionnaire was administered to 495 students from 12 ethnic backgrounds. Cultural influences, rates of pathological item endorsement and response bias were examined for each ethnic group. Caucasians scored significantly lower than Asians and Polynesians and Polynesians scored significantly lower than Asians in the area of psychological distress.

**4:00**

**The Effects of Intensive Religious Lifestyles**

**on Levels of Perfectionism**

ART FINCH, MARIA PAGAN AND LAURA CASS, Brigham Young Univ.

The Multi-Dimensional Perfectionism Scale (MPS) was administered to 352 students at Brigham Young University, who were then compared and contrasted demographically in an attempt to evaluate and establish any significant correlation between an intensive religious lifestyle experience and higher levels of perfectionism.



**Division II/CTUP**

**Symposium**

***Friday, 3 - 4 PM Silver King 3***

*Using the Undergraduate Resource*

**PENNIE SEIBERT,** Boise State University, Moderator

Presenters:

**Dena Hammon, Karla West, Sarah Allen,**

**Dale Thompson and Traci Ruth,** Boise State University

Discussant:

**Noel Petterson,** University of Northern Colorado

Professors and undergraduates can form an alliance in learning that is productive for both parties if those experiences are well thought out and structured through collaborative efforts. The panel of undergraduates will present information on the Boise system in four areas: 1) teaching assistants, 2) research assistants, 3) academic peer advisors and 4) paraprofessionals.

**Panel Discussion**

***Friday, 4 - 5 PM Silver King 1***

*Experience and Advice From First Year*

*Graduate Students: Acceptance and Survival*

**RAYMOND L. LEVISTER AND DAWN C. BUSE,** University of Utah

Graduate school can be a challenging experience. This symposium, which will be targeted towards students, faculty, and administrators, will address issues including: Succeeding in the admission process, managing stressors commonly experienced by first year students, and dealing with the additional challenges and obstacles faced by multicultural and nontraditional students.

**CTUP/Groups UnderRepresented**

**Panel Discussion**

***Friday, 4 - 5 PM Silver King 3***

*"Out" in the Academy:*

*Mentoring Lesbian, Gay and*

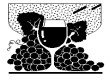
*Bisexual Students*

**Susan Morrow, Brian Campbell, & Rebecca Beardsley** University of Utah; **Brenda s. Voisard,** Center for Transpersonal Therapy.

Lesbian, gay, and bisexual (LGB) graduate students frequently enter psychology programs without openly LGB faculty to serve as mentors or role models. A faculty member and three present or former students will address responsibility for raising consciousness, research mentoring, null academic environment, and risks and rewards for being openly LGB.

Informal Reception

*In Honor of Trixie Gardner*



Sponsor:

Geoffrey Keppel, University of California, Berkeley

*Friday, 4:30 - 5:30 PM Theatre Lounge North*

Psi Chi Social Hour



Sponsors:

David Dodd, University of Utah

Richard Roberts, Utah State University

Joseph Horvat, Weber State University

Christina Frederick, Southern Utah University

*Friday, 5:30 - 6:30 PM Hospitality Suite, Room 436*

Top Ten + 1 Things

To Do Friday Night in Park City

11. Use the photo in your program of our own Jean Luc look-a-like to get free admission to the Regional Trekkie Convention in Heber.

10. Down a few too many and sing along with the Tabernacle Choir.

9. Tool over to Sundance and get “up close and personal” with Bob.

8. Join the AARP crowd and go contra-dancing with Marte Fallshore.

7. Catch the red eye to Vegas along with Pennie Seibert to once again try and double your department’s budget.

6. Talk to Roger Fouts and learn to cuss at apes in sign language.

5. Run a workshop for missionaries on what the words “no, I’m not interested” mean.

4. Ask Bill Wallace just how “dumb” his proposal to APA really was?

3. Stop by the Salt Flats and cheer as Alice Healy challenges the land speed record (on roller skates).

2. Watch Executive Committee talk their Hot Air Balloon into the sky.

1. Update Vita: Delete all references to cold fusion research. Apply for open position at the U of U.

SATURDAY

**PROGRAM ACTIVITIES**

Coffee and Sweet Rolls



*Sponsored by:*

University of Utah

*Saturday, 8:00 - 9:00 AM Coalition I & II*

**Psi Chi Award Papers**

***Saturday, 9 - 10 AM Silver King 1***

Nancy Karlin, University of Northern Colorado, Rocky Mountain Regional Psi Chi Vice-President, Moderator

**9:00**

**Cultural Diversity and Brian Injury: Implications for Evaluation, Treatment and Rehabilitation.**

TRACI M. RUTH, KARLA J. WEST, PENNIE S. SEIBERT, Idaho Neurological Institute & Boise State University; JEAN BASOM AND, CHRISTIAN ZIMMERMAN, Idaho Neurological Institute

A two case study investigation illustrates increased complication in evaluation, treatment and rehabilitation of culturally diverse traumatic brain injury patients. A cultural awareness checklist is offered to compensate these effects.

**9:15**

**Quantitative Dendritic Analysis of a Bulimic Brain:**

**A Case Study**

BIRGIT M. FISHER AND BOB G. JACOBS, Colorado College

Using the Golgi staining technique, basilar dendrites from five frontal lobe areas were quantitatively examined to investigate neuroanatomical abnormalities related to bulimia. An anterior-posterior gradient emerged whereby the greatest dendritic/spine differences between the bulimic subject and the control group were found in anterior cortical regions.

**9:30**

**The Effectiveness of a Token Economy**

**in a Residential Facility**

GILBERT S. MACVAUGH III, Fort Lewis College

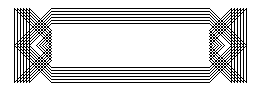
The utilization of a token economy as an effective method of motivating and reinforcing Adaptive Living Skills of chronically mentally ill clients was examined. Ten clients received points and tokens for various ADL skill behaviors. After implementation of the token economy, clients' overall ADL skill behaviors increased significantly.

**9:45**

**Fish Out of Water: A Qualitative Inquiry Exploring Perceptions of Alternative Education**

ADRIENNE V. NEWMAN AND HILLARY A. BISH, Fort Lewis College

Perceptions of participants in an alternative high school were studied using qualitative methodology over four months. Interviews with ten students and three teachers revealed student awareness and maturity greater than most traditional students. Program attributes such as self-pacing and individual attention were perceived as enhancing student's academic and personal success.



**Clinical Psychology I**

***Saturday, 9 - 10 AM Silver King 3***

Richard A. Weigel, University of Utah, Moderator

**9:00**

**MMPI and Financial Gain Among Back Patients:**

**Fake Good to Seem Bad**

KEVIN S. MASTERS, Utah State University

The ability of the MMPI "defensive conversion V" profile to detect exaggeration of pain complaints among low back pain patients was investigated. It appears that a pattern of virtuous presentation combined with admission of physical symptoms on the MMPI is related to financial gain issues. Illustrative cases are presented.

**9:15**

**On the Validity of the "Freshman 15": A Longitudinal Dietary Assessment**

DAVID M. STEIN AND NICOLE PUOPOLO, Utah State University

The present study evaluated whether Fall quarter dietary intake predicts body fat composition changes over time (i.e., the "Freshman 15"). Mean body mass and body fat composition changes over time are reported. Food group consumption predictors of body fat composition changes over time are highlighted.

**9:30**

**Development of and Recovery from Eating Disorders:**

**The Client's View**

SEAN O'HALLORAN, University of Northern Colorado

This study seeks to understand the development of and recovery from eating disorders from the perspective of the client. Fifteen women who had been asymptomatic for eating disorders for at least one year were interviewed extensively about their perceptions regarding the development of their eating disorder and the process of recovery.

**9:45**

**Risk-Factors for the Development of Eating Disorders:**

**A Proposed Model of Etiology**

ANNE C. DOBMEYER AND DAVID M. STEIN, Utah State University

A comprehensive review concerning the risk factors for eating disorders was conducted. While results from correlational and retrospective studies are discussed, recent prospective research finding are highlighted. A model of the development of eating disorders based primarily on the results of recent, prospective studies is offered.

**Roundtable Discussion**

***Saturday, 9 - 10 AM Silver King 2***

*Psychology and Philosophy:*

*Both Keys to Human Nature?*

**WILLIAM E. ROWETON,** Chadron State College.

This paper, to begin, contrasts conceptualizations of "human consciousness" as suggested by several computer-simulation models (e.g., Crick, 1995: Penrose, 1994). Next, it demonstrates how each model, regardless of its computational rigor, is anchored ultimately in metaphysical discourse. So many human psychologists, this paper indicates, employ computational analysis more facilely than they articulate their philosophical presuppositions.

**Physiological And Comparative Psychology**

**Poster Session**

***Saturday, 9 - 10 AM Coalition I & II***

**Ethanol Teratogenesis in a Reciprocal Cross**

**of B6 and D2 Mice**

CHRIS J. DOWNING AND DAVID M. GILLIAM,

University of Northern Colorado

A reciprocal cross mating design was used to examine maternal effects on malformations in ethanol-exposed fetal mice. Dams were incubated with 5.8 g/kg ethanol on day 9 of pregnancy. Fetuses were removed on day 18 and assessed for skeletal malformations. Results indicate a maternal effect on fetal malformations.

**Test Administration Order and the Portland Digit Recognition Test-Computerized: Administer at Will**

LEANNE R. PARKER AND STUART HALL, University of Montana

The present experiment investigated the effect that order of test administration has on Portland Digit Recognition Test-Computerized (PDRT-C) performance. Control and simulated malingering subjects were assigned to one of three conditions which varied the order of administration of the PDRT-C. Results indicated that malingering subjects scored significantly lower than control subjects. The performance of the groups was not affected by the order of the PDRT-C administration. Implications for clinical sensitivity are discussed.

**Signing During the Daily Routine of Cross-Fostered Chimpanzees**

Mary K. RADEKE, R. Allen GARDNER AND Beatrix T. GARDNER, University of Nevada, Reno.

Four chimpanzees lived like human children from birth for 24 hours per day, seven days per week, immersed in ASL. Daily journals recorded signing during meal time and bath time. During the first two years the patterns of development of signing about the next event in the routine were similar to that of human children.

**Biological Correlates of Aggression-Hostility: Adjudicated Adolescent Males vs. Control Adolescent Males**

LYNN MATYKIEWICZ, LINDA LAGRANGE, PETER VANCE,

AND MU WANG, New Mexico Highlands University

Two groups of adolescent males, adjudicated juveniles and middle school controls, were compared on specific behavioral and biological measures. Seventy-four volunteer subjects were administered a personality inventory for impulsivity and aggression and an oral glucose loading with blood glucose levels taken at three intervals. Adjudicated adolescent males had significantly higher aggression scores and a significantly lower glucose nadir.

**Play With Toys and Pictures by Five Cross-Fostered Chimpanzees**

J. Quentin DAVIS, R. Allen GARDNER AND Beatrix T. GARDNER, University of Nevada, Reno

Five chimpanzees lived like human children from birth for 24 hrs/day, 7 days/wk. Daily journals recorded behavior including animated play with toys and pictures, e.g., "feeding" a doll. This study traces reports for such animated play from months six through twenty-five and shows developmental patterns comparable to those of children.

**Human Performance Symposium**

***Saturday, 9 - 11 AM Silver King 4***



Moderator:

**Roger Whitehead,** University of Colorado at Denver

Participants:

**S. D. Schliebner,** University of Utah

**B. G. Bell,** University of Utah

**C. J. Wang and J. J. Schuett,** University of Colorado at Denver

**L. Murphy,** University of Colorado at Denver

**T. MacKenzie**, University of Colorado at Denver

Empirical studies of performance decrements in relation to expertise and task difficulty will be presented. A group from the University of Utah will emphasize the crucial role of memory in their findings, while researchers from the University of Colorado at Denver will highlight attentional mediation.

**CTUP Teachng Take-Out**

***Saturday, 9 - 10 AM Theater Lounge North***

*Teaching Demonstrations and Exercises*

Moderator:

**Richard L. Miller,** University of Nebraska at Kearney

Participants:

**Jim Korn**, St Louis University

**Theresa Wadkins**, University of Nebraska at Kearney

**Genie Canales**, University of Northern Colorado

**Lorna Weiland and Rick Miller**, U. of Nebraska at Kearney

**Mark Winter,** Southern Utah University

**Social Psychology II**

***Saturday, 10 - 11:30 AM Silver King 3***

Beal Mossman, Montana State University - Billings, Moderator

**10:00**

**Taking the Keys: Intervening with a Same or Other-sex Drinking Driver**

ELIZABETH A. SELF, Eastern New Mexico University

University students were shown a video simulation of a college drinking party and asked to estimate their likelihood of taking the keys from a drinking driver of either their own or the other sex. Consumption level of the driver was also varied.

**10:15**

**Self Presentation and Deception: Contrasting Concepts**

ALANE S. BROWN AND MAVON LEE, Fort Lewis College

The differences between the way self presentation and deception are viewed was examined. Twenty subjects responded to a questionnaire that compared their views about self presentation and deception. Women saw self presentation as more justifiable than deception and reported greater skill in using self presentation than did men.

**10:30**

**Agreement and Satisfaction in Romantic Relationships**

NATASHA GALSTON AND ALANE BROWN, Fort Lewis College

The relationship between the level of agreement on interpersonal issues between romantic couples and their satisfaction was studied. Couples answered relationship satisfaction and attitude questionnaires. It was found that the more one perceives oneself and one's partner to agree upon issues similarly, the more one is satisfied with one's relationship.

**10:45**

**Identities and Prejudices of White- English and Afrikaans-speaking South African Adolescents**

TIMOTHY B. SMITH, CHRISTOPHER STONES

AND RICHARD N. ROBERTS, Utah State University

To examine issues of intergroup identity and prejudice within the context of the "New" South Africa, data were collected from 553 English- and Afrikaans-speaking White South African adolescents. The results indicated that the subjects found themselves in a state of transition.

**11:00**

**Perceptions of Social Activities as a Function**

**of Drinking Habits**

ROBERT TURRISI, LEANN THOMAS AND MARK SNOW,

Boise State University

The relationship between drinking habits and perceptions of social activities was examined in a college sample. Respondents completed questionnaires that assessed quantity and frequency of alcohol consumption, perceptions about traditional and nontraditional alcohol related social activities (e.g., a bar/party vs. a campus musical event/coffee house) and recent social activities. Heavy drinkers were resistant to participating in nontraditional social activities and held more negative perceptions of such activities.

**11:15**

**The Effects of Status on Perceived Attractiveness**

LORNA WEILAND, JACCI MCDERMOTT AND MICHELLE HAMAKER, University of Nebraska at Kearney

The perception of physical attractiveness as a function of gender, status and age of the stimulus person and the gender of the rater was examined. Young, low status males were rated as least attractive whereas older, low status males were found more attractive. Status did not effect that ratings of females.

PSI CHI

Chapter Information Exchange

*Saturday, 10 - 11 AM Silver King 1*

Nancy J. Karlin, University of Northern Colorado,

Rocky Mountain Regional Vice-President of Psi Chi, Moderator

Participants:

Karen E. Ford, Mesa State College

Lora Schlewitt, University of Northern Colorado

Jann Adams, Albertson College of Idaho

Paul Bell, Colorado State College

David Dodd, University of Utah

**CTUP Poster Session**

**Teaching /Educational And School Psychology**

***Saturday, 10 - 11 AM Coalition I & II***

**A Comparison Study of Internalizing Disorders Between Gifted and Nongifted Children**

TODD MCFARLAND, HOLLY MCFARLAND AND KENNETH W. MERRELL, Utah State University

The difference in internalizing disorders between gifted and nongifted students was studied. Approximately 1800 students from various geographical areas in the United States were given the Internalizing Disorders Evaluation Scale for Children. Gifted students reported experiencing significantly fewer difficulties with internalizing disorders than did a matched sample of nongifted students.

**Gender, Ethnicity and Sexual Orientation: Changing Student Attitudes?**

JILL OLIVER, Arizona State University; MARIA D. PARRILLA DE KOKAL AND WILLIAM N. MCVAUGH, Weber State University

Entry-level college students were surveyed on their attitudes about gender roles, homosexuality and diverse ethnicities. A version of the QDI was administered. College rank predicts lower ethnic bias. Religion is the best predictor of gender and sexual orientation bias. Health Science and Business majors exhibit more bias than Social Science and Education majors.

**Crime and Gang Activity: A Rural Community Problem**

PAUL CALDARELLA, JIM SHARPNACK, TRAVIS LOOSLI

AND KENNETH MERRELL, Utah State University

Forty-one rural school counselors from eight western states responded to a survey assessing their perception of gang/crime problems in their schools and communities. The study's results suggest an emerging gang/crime problem in these rural areas. Future research and intervention goals include curriculum development towards the prevention of gang activity.

**Multicultural Training in Clinical Psychology**

Sara WEISSER, Amalk SIROLLI, Julie RUIZ, Vanessa CHAMBERLAIN AND Martha BERNAL, Arizona State University

The available published multicultural training information for all APA-accredited clinical psychology programs was quantified and organized for use by students seeking multicultural training. Recommendations were made about the most useful kinds of information that programs should provide. Outstanding models of training were described.

**Facilitating Teacher Effectiveness in Differentiating Disruptive Behavior Disorders**

LAURIE J. WILSON, MYRA L. DARTY AND CURT C. BRAUN,

University of Idaho

Knowledge of the three Disruptive Behavior Disorders was assessed for one hundred ninety-three teachers and administrators. Subjects participated in a workshop and were re-tested. Results showed significant improvement from pre-test to post-test.

**RMPA Groups UnderRepresented**

**Student Paper Award**

**Graduate Students' Views of the Relevance of Multicultural Training in Clinical Psychology**

Amalia SIROLLI, Sara WEISSER, Julie RUIZ AND Vanessa CHAMBERLAIN, Arizona State University

Ethnic minority and Anglo students' views of the relevance of multicultural training to their choices of programs were examined. In a mail survey, ethnic minority students rated multicultural training items higher than Anglo students.

**Panel Discussion**

***Saturday, 10 - 11 AM Silver King 2***

*Counseling Psychology: A Funny Thing*

*Happened on the Way to the Millennium*

**RICHARD, G. WEIGEL,** University of Utah; **E.R. OETTING,** Colorado State University; **WESTON H. MORRILL,** University of Oregon;

**JAMES C. HURST,** University of Wyoming.

During the late 1960's and early 1970's, Colorado State University was the site of significant innovations in counseling psychology. Participants from those Camelot days reflect on developments in counseling psychology in the ensuing years, and discuss factors suggesting that a hoped for not-too-distant millennium is unlikely to come to pass.

RMPA Distinguished Lecture



Roger and Deborah Fouts

Central Washington University

*Recent Chimpanzee Sign Language*

*Studies: A Research Report from CHCI*

*Saturday, 10 - 11 AM Sundance Theatre*

William Wallace, University of Nevada, Reno, Moderator

**Clinical Psychology II**

**Poster Session**

***Saturday, 11 AM - 12 PM Coalition I & II***

**The Effects of Peer Counseling Training and Experience**

**on Peer Counselors.**

HOLLY DAY MCFARLAND, Utah State University

The effects of an intensive three-month training period on peer counselors' communication skills were examined. Eleven students were administered the Interpersonal Communication Inventory (ICI) and were asked to rate themselves on a number of factors including awareness and clarity. Results indicated a substantial improvement in the subjects' communication scores.

**Binge Eating Disorder: Mental Disorder or**

**Non-Psychiatric Problem?**

M. SCOTT DEBERARD AND DAVID M. STEIN, Utah State University

The present purpose is to assess the available research bearing on whether BED meets the criteria for a mental disorder: or, whether BED is best considered a non-psychiatric problem evidenced by regular overeating. An analysis of BED research in light of the current DSM-IV definition of a mental disorder is presented.

**Associated Features of Disruptive Behavior**

**Disorders in Adults**

LAURIE J. WILSON AND CURT C. BRAUN, University of Idaho

The associated features of Attention-Deficit Hyperactivity Disorder, Oppositional Defiant Disorder and Conduct Disorder were examined in 100 college students. Results will explore differences in family and individual features for subjects who met diagnostic criteria in comparison to controls who did not meet diagnostic criteria.

**Prevalence of Disruptive Behavior Disorders in Adults**

LAURIE J. WILSON AND CURT C. BRAUN, University of Idaho

One hundred subjects were evaluated for Disruptive Behavior Disorders (Attention-Deficit Hyperactivity Disorder, Oppositional Defiant Disorder, Conduct Disorder) with both DSM-III-R and DSM-IV diagnostic criteria. Significantly more subjects met diagnostic criteria for each disorder with the DSM-IV criteria than with the DSM-III-R criteria.

**Effects of Acculturation on Alaska Native**

**Adolescents' Self-Esteem**

STACEY D. SEITZ AND LAURIE J. WILSON, University of Idaho

Effects of acculturation on adolescents' self-esteem was examined. Alaska Southeast youth attended either a cultural camp or a traditional, non-cultural summer camp. Results indicate that cultural camp participants increased self-esteem compared to those who attended traditional camp.

**Recovery from Anorexia Nervosa and Bulimia Nervosa: The Client's Perspective**

BENITA J. QUAKENBUSH AND DAVID M. STEIN, Utah State Univ.

Critical factors that women with eating disorders believed were crucial in prompting or facilitating their recovery were examined. Identification of these factors was accomplished through a systematic content analysis of semi-structured interviews with 11 anorexic women and 11 bulimic women. Of interest were factors that prompted them to begin and maintain recovery and cope with relapse.

**The Role of Ethnic Identification and Acculturation in Bulimic Symptomotology**

JENNIFER GRAY AND TRACI L. BERGTHOLD, San Diego State Univ.

The role of ethnic identification, affiliation, discrimination and mainstreaming as it pertains to bulimic symptomotology were investigated. Participants were 165 undergraduate women who completed an ethnic identity and a bulimic symptoms questionnaire. Results of this study suggest the importance of further examination of the ethnic factors involved in the development and maintenance of disordered eating.

Groups UnderRepresented

Invited Address

Martha Bernal

(Member of the APA Commission on Ethnic

Minority Recruitment, Retention and Training)

*Creating a Culturally Diverse Faculty*

*Saturday, 11 - Noon Sundance Theatre*

**Susan P. Bromley**, University of Northern Colorado, Moderator

**CTUP Teaching Issues**

***Saturday 11 AM - 12:15 PM Theatre Lounge North***

Richard L. Miller, University of Nebraska at Kearney, Moderator

**11:00**

**Student Preferences for Various Teaching Styles**

MEAGAN J. BEISHLINE AND COOPER B. HOLMES, Emporia State U.

One-hundred-fifty-four students were surveyed in a variety of graduate and undergraduate classes to determine which teaching styles they preferred or disliked. The results showed a clear preference for lecture with voluntary student participation. Two styles were overwhelmingly disliked: lecture only and presentations by other students.

**11:15**

**Personality, Scientific Reasoning and Beliefs**

**about the Origins of Human Behavior**

MARK WINTER, Southern Utah University

Over 200 students completed the California Personality Inventory, the Group Embedded Figures Test, the Life Regard Index, the Lawson Classroom Test of Scientific Reasoning and the Belief in Origins of Human Behavior Scale-Revised.

**11:30**

**Recommendations for the Effective Presentation**

**of Cross-Cultural Subject Matter**

DAVID M. GONZALEZ, University of Northern Colorado

Presenting subject matter that deals with cross-cultural issues carries with it some inherent pitfalls that can make the experience frustrating for both instructors and students. This presentation will outline the inherent and potential problems involved in this type of endeavor and provide suggested solutions to those problems.

**11:45**

**Postdoctoral Training: A Collaborative Venture Between a Counseling Center and a Department of Medicine**

KATHLEEN BOGGS, MICHAEL RIGDON, JANN DEWITT,

AND MARTHA EMPEY, University of Utah

Financial, political, management and supervision issues in the innovation and maintenance of the program will be presented. Two postdoctoral fellows will discuss their experiences working in a medical setting in contrast to a counseling center.

**12:00**

**Ability of the GRE to Predict Completion of Ph.D.**

MEGAN J. BEISHLINE, Emporia State University

The combined (Verbal + Quantitative) Graduate Record Examination score was obtained for 24 students to examine how well the test predicted completion of the Ph.D. or withdrawal from a doctoral program. Computation of correction classifications, false positives and false negatives revealed poor predictive validity for the GRE.

**Invited Symposium**



***Saturday, 11 - 1 PM Silver King 4***

*Research with Cross-fostered Chimpanzees: In Memory of Beatrix Gardner*

**Thomas E. Van Cantfort,** Fayetteville State University, Moderator

***Her Contribution to Developmental Psychobiology***

**Thomas E. Van Cantfort**, Fayetteville State University

***Developmental Patterns of Object Manipulation: A Comparison of Children and Cross-Fostered Chimpanzees***

**E. E. Hanson,** University of Nevada, Reno

***Initiation & Maintenance of Interactions by Signing-Chimpanzees***

**M. D. Bodamer,** John Carroll University

***Chimpanzees Responses to Questions Series***

**M. L. Jensvold,** University of Nevada, Reno

**Clinical Psychology II**

***Saturday, 12 - 1 PM Silver King 3***

Kathleen Boggs, University of Utah, Moderator

**12:00**

**Thanks for the Memory?: Ethical Judgments of Memory Recovery Strategies**

MITCHELL M. HANDELSMAN, KAREN BERSHENYI, DEE WHETSEL, DONALD MAESTAS, JR. AND KRISTEN BOYNTON,

University of Colorado at Denver

Over 700 therapists rated the ethics of several therapeutic practices after reading a vignette about a client described either as having been abused as a child, wondering if she had been abused, or not mentioning abuse. Information about abuse influenced ratings, as did how long the client had been in therapy.

**12:15**

**Perceptions of Stress, Coping and Eating Problems Among High School Students.**

SEAN O'HALLORAN AND ELLIS P. COPELAND,

University of Northern Colorado.

The relationships among eating problems, major and minor life stressors and coping strategies were examined. Over two hundred students were given eating behavior and stress and coping inventories. Daily stressors were more likely to predict disturbed eating problems than major stressors. Individuals with eating problems relied on maladaptive coping strategies.

**12:30**

**Searching for the Abominable Consent Form: The Impact of Readability and Personalization.**

LAURA WAGNER, SHANNA DAVIS AND MITCHELL HANDELSMAN, University of Colorado-Denver

We assessed the impact of readability and personalization of informed consent forms on impressions of therapists. Participants received consent forms from a hypothetical therapist. More readable forms increased participants' impressions of the therapist's expertise and the form's usefulness. Personalized forms increased ratings of therapist attractiveness and satisfaction with the forms.

**12:45**

**Handling Secrets in Marital Therapy: Ethical and Therapeutic Considerations**

KRISTEN BOYNTON, University of Colorado at Denver

Three approaches to handling secrets in marital therapy were discussed. Using ethical principles and case examples, the two extreme policies of secret-keeping and not allowing secrets were shown to be more problematic than the third, more flexible policy. This third policy handles secrets on a "disclosure as needed" basis and involves the use of a four-step decision-making process.

Groups UnderRepresented

Symposium

*Saturday, 12 - 1 PM Silver King 2*

*Doing Research with Women of Color:*

*Is it Different?*

Moderator:

Genie Canales, University of Northern Colorado

Participants:

Dottie Morris, University of Northern Colorado

Pamela Jumper-Thurmon, Colorado State University

Research with minorities is not well represented in the literature. Few researchers have adopted the methodologies that ensure more representative responses from these populations. The panel members will present information to clarify these issues and offer recommendations for research techniques that are effective in gathering data on underrepresented populations.

Psi Chi Awards Luncheon

All Psi Chi students who present papers or posters at the convention will receive a Psi Chi certificate recognizing their achievement at this session.

*Saturday, Noon - 1 PM Hospitality Suite, Room 436*

Nancy J. Karlin, University of Northern Colorado,

Rocky Mountain Regional Vice-President of Psi Chi, Moderator

**Social Psychology I**

**Poster Session**

***Saturday, 12 - 1 PM Coalition I & II***

**Rater Gender Moderates the Effects of Adoptive Status**

**on Children's Evaluations**

S. LYNN MULCARE AND HERMAN AGUINIS, U. of Colorado at Denver

Examined introductory psychology student (N=129) evaluations and attributions regarding adopted, nonadopted and "semi-adopted" (i.e., born of artificial insemination with donor sperm) children. As predicted, female participants rated semi-adopted children less favorable than either adopted or nonadopted children, whereas male participants did not show a preference based on adoptive status.

**Prospective Participant Reactions to Using the Bogus Pipeline in Social Psychological Research**

HERMAN AGUINIS, MARY F. FRONTCZAK, ANDREW J. BLEVINS

AND RODRIGO A. ARAYA, University of Colorado at Denver

Examined introductory psychology student (N=180) reactions to using the bogus pipeline (BPL) in six types of social psychological experiments. Prospective participants in BPL research did not express significant concerns regarding ethical issues. Based on these results, recommendations are provided for Institutional Review Boards and researchers planning to use the BPL.

**The Aftermath of Deception in Close Relationships**

NADYA TOMASI AND ALANE BROWN, Fort Lewis College

The effects of deception in romantic relationships was studied. Twenty-four subjects were given a questionnaire that explored how the subject and partner found out about the deception, how they apologized, what excuse they gave and impact on the relationship. The most common excuse used was fear of damaging the relationship.

**Emotional Stereotyping of Men and Women**

HEIDI L. EYRE AND TAMARA J. FERGUSON, Utah State University

Gender stereotypes of guilt and shame, as well as general masculinity and femininity, were assessed by 138 students. Students responded to questions regarding "typical males" and "typical females" on the Bem Sex Role Inventory and Test of Self-Conscious Affect- Modified. Women were perceived to experience more maladaptive guilt, adaptive guilt and shame.

**How Do Children Form Stereotypes? Exploring the Role of Statistical Reasoning**

CHARLES H. ASP, LAURA TAYLOR AND MARK SCHALLER,

University or Montana

Two studies investigated the effects of children's statistical reasoning ability on stereotype formation. Eighty-five participants, ages 7 to 13, received information about two groups that contained a confounding factor. Results indicated that children with advanced reasoning abilities were less likely to form erroneous group stereotypes. Educational interventions are proposed and discussed.

**Comprehension Processes and Persuasion: Evidence for Biased Processing**

STEPHEN S. ALLEY AND GINA AGOSTINELLI, Univ. of New Mexico

The effects of message comprehension on message elaboration were examined. Strong and weak persuasive messages were presented by computer in either intact grammatical phrases, fragmented grammatical phrases, or in whole text form. Favorable message elaboration increased in both the intact and fragmented presentations irrespective of message strength.

**Misperceptions About the Vietnam War as Learned**

**From the Movies**

TODD R. WOODWARD AND SUSAN K. FUHR, Weber State Univ.

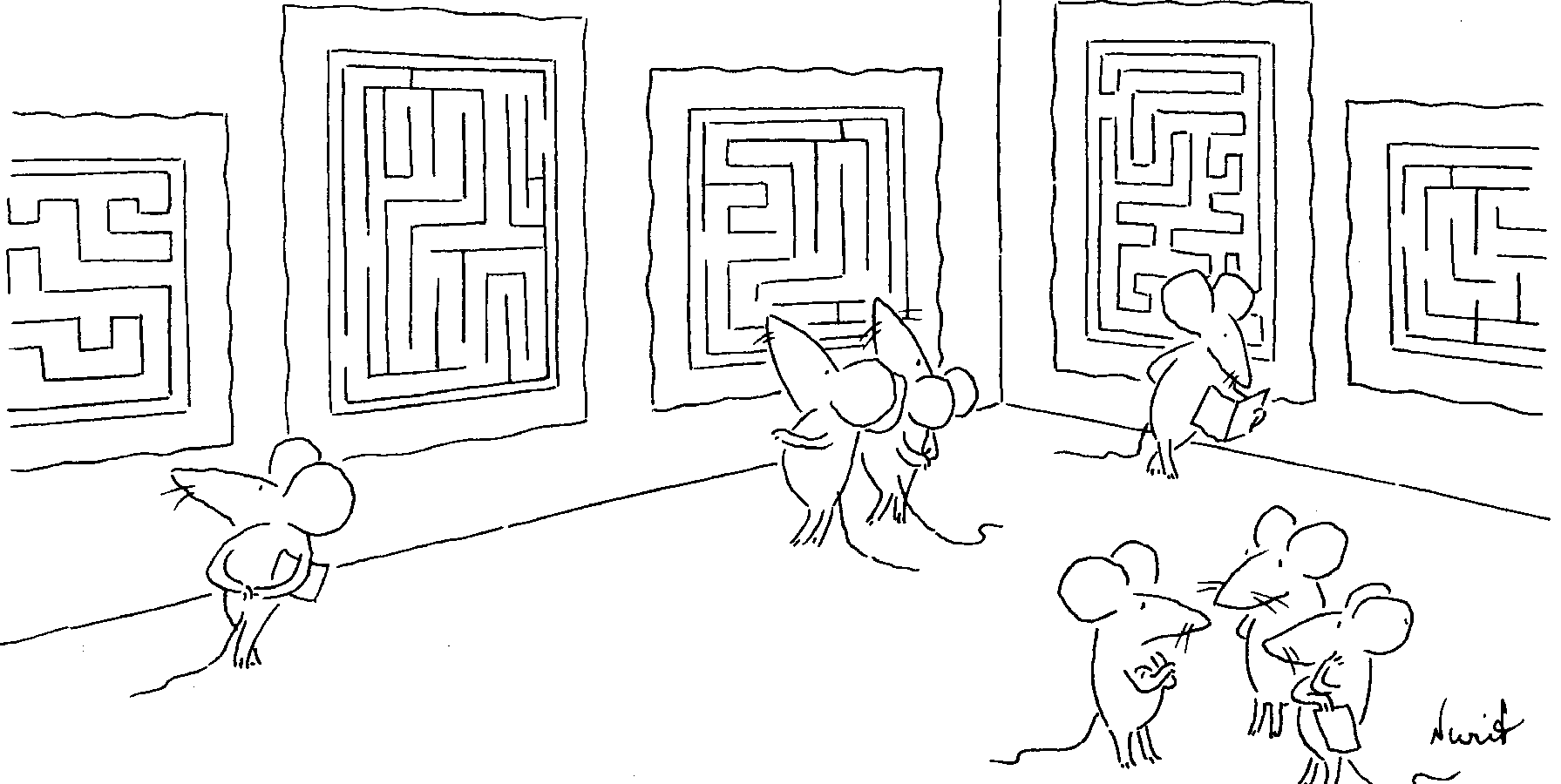
While most would agree that Hollywood portrays the Vietnam War inaccurately, this study further explores the issue, to see exactly how inaccurate the portrayals are. Thirty-six movies were coded against 80 criteria related to portrayal of in-country content. The results suggest why false impressions of the war abound.

**The Double-Edged Sword of Self-Handicapping:**

**The Protection and Enhancement of Self-Esteem**

DAVID L. FEICK AND FREDERICK RHODEWALT, University of Utah

A field study was conducted to test the self-protective and self-enhancement benefits of self-handicapping for self-esteem. One hundred twenty-one students completed measures of handicapping and self-esteem to determine the impact of handicapping in interaction with feedback on self-esteem. High handicappers' self-esteem was buffered in cases of failure and experienced greater self-esteem in cases of success relative to low self-handicappers.



APA Distinguished Lecture



Sara J. Shettleworth

University of Toronto

*The Ecology of Spatial Memory: A Case Study in Evolutionary Psychology*

*Saturday, 1 - 2 PM Sundance Theatre*

Pennie Seibert, Boise State University, Moderator

**Comparative Psychology**

***Saturday, 2 - 3 PM Silver King 2***

Roger S. Fouts, Central Washington University, Moderator

**2:00**

**Chimpanzee to Chimpanzee ASL Communication During High Arousal Interactions**

SHANNON N. CIANELLI AND ROGER S. FOUTS,

Central Washington University

The use of the signs of American Sign Language by chimpanzees during high arousal interactions was investigated. Videotapes from a ten year period were randomly selected and analyzed for the presence of signing during high arousal interactions. Signing was present and used in appropriate contexts within the high arousal interactions.

**2:15**

**The Development of Helping Behavior in Cross-Fostered Chimpanzees**

VALERIE J. CHALCRAFT, BEATRIX T. GARDNER,

AND R. ALLEN GARDNER, University of Nevada, Reno

Four chimpanzees lived like human children from birth for 24 hours per day, seven days per week. Daily journals recorded behavioral development including helping behavior with household chores. This study traces the development of helping behavior during the first two years of life. The patterns of development of the cross-fostered chimpanzees were comparable to patterns reported for human children.

**2:30**

**Onset and Development of Sharing in Cross-Fostered Chimpanzees**

PATRICIA SIMONET, BEATRIX T. GARDNER AND R. ALLEN GARDNER, University of Nevada, Reno

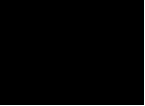
Four chimpanzees lived from birth in a human environment. Daily journals recorded the behavioral development of sharing, including taking a toy from another and giving food unprompted. This study traces the developmental trend from month six through 24. The development of sharing was comparable to the developmental pattern reported for human children.

**2:45**

**Conversational Styles of Cross-Fostered Chimpanzees**

Caron M. IDEN, Beatrix T. GARDNER AND R. Allen GARDNER, University of Nevada, Reno

Three chimpanzees lived like children from birth, 24 hours a day, seven days a week, immersed in American Sign Language (ASL). The chimpanzees initiated most of their conversations with their human companions. This report analyzed the variations in the chimpanzees' conversational replies to the humans. The quality and amount of further conversation depended on the signed responses of the humans.



**Groups UnderRepresented**

**Video Screening**

***Saturday, 2 PM - 4 PM Silver King 1***

*Psychotherapy with Gay & Lesbian Clients*

**Diane Martichuski,** Wayne State College, Moderator

“Psychotherapy with Gay and Lesbian Clients” is a series of five new educational videos designed to sensitize psychotherapists and students to contemporary clinical approaches in understanding and treating gay and lesbian clients. The programs reflect the most recent research in this rield and features some of the leading names in gay/lesbian psychology.

**Industrial/Organizational Psychology**

**and Social Psychology II Poster Session**

***Saturday, 2 - 3 PM Coalition I & II***

**Consequences of Female Managerial Influence Style**

HERMAN AGUINIS, University of Colorado at Denver,

CHARLES A. PIERCE, Montana State University and LONE M. VENG,

University of Colorado at Denver

Experimentally examined the relationship between female managerial influence style and perceptions of managerial power and effectiveness. Results indicated that a female manager's use of various influence strategies affected variables related to organizational advancement such as perceptions of her power, perceptions of her effectiveness and resistance to her influence attempts.

**Formation and Impact of Workplace Romances**

CHARLES A. PIERCE, Montana State University,

and HERMAN AGUINIS, University of Colorado at Denver

Assessed the validity of part of the Pierce, Byrne and Aguinis (in press) model of workplace romance (WR). Results indicated that (a) females held less favorable attitudes toward WR than males, (b) participating in a WR was positively associated with one's job performance and (c) loving feelings for a romantic partner were positively associated with an individual's work motivation, job involvement and job satisfaction.

**Selection Procedures in Academic Departments of Psychology**

EUGENE P. SHEEHAN, HEATHER C. ROSS AND TERESA M. MCDEVITT, University of Northern Colorado

Chairs of 71 psychology search committees responded to a survey designed to investigate the hiring procedures used by academic departments of psychology. Data reveal the typical search process, criteria used to rate candidates during all screenings, factors determining who was ultimately hired, errors made by candidates.

**Leadership Skills: Ratings of Self and Superiors in a Large Consulting Firm.**

PATRICK SHERRY, JULIANNE CLEMMONS AND MICHELLE BOBULINSKI, University of Denver

A measure designed to measure leadership behavior in organizations was examined using a sample of 271 managers from a large consulting firm. Scale reliabilities were moderate to high. Significant differences were observed between self-ratings of leadership skills and ratings of supervisors leadership skills on a self-report instrument.

**Traffic Accidents, Job Stress and Supervisor Support in the Trucking Industry.**

PATRICK SHERRY, ALLISON GAA, SCOTT THURLOW-HARRISON, KIMBERLY GRABER, JULIANNE CLEMMONS AND MICHELE BOBULINSKI, University of Denver

Results of correlational analyses indicated that significant relationships existed between supervisor support (r=.36), level of perceived stress (r--.44) and the occurrence of accidents and injuries in a sample of 48 long-haul truck drivers. These results have implications for training efforts to improve productivity in the workplace.

**An Examination of the Relationship Between Employee Empowerment and Job Satisfaction**

SUSAN R. ADAMS, STEVE HOTTOVY, DAVID BECKER, LORI MILLER, SAHAR BAGHAEI AND KATHY HANSEN, U. of Colorado at Denver.

Empowerment theory predicts that employees who are empowered to make job related decisions are more satisfied workers. We tested this prediction by surveying ninety-five employees regarding their level of empowerment, support, rewards, job satisfaction and management credibility. Results from stepwise regression analysis indicate a positive relationship exists between empowerment and job satisfaction.

**Factors Relating to Sports Participation and Withdrawal**

BELISA OLIVARES, ARINA ULMAN AND ROGER WHITEHEAD,

University of Colorado at Denver

The study constitutes a descriptive exploration of reasons for participating in and withdrawing from sports. The findings reinforce the arguments of Pemberton et al. (1987) in that they suggest that individual differences exist in motivation for sports participation and withdrawl.

Psi Chi Distinguished Lecture



David L. Rosenhan

Stanford University

*Ardent Faith*

*Saturday, 2 - 3 PM Sundance Theatre*

Moderators:

**Norine Jalbert**, Western Connecticut State University,

National Psi Chi President

Nancy J. Karlin, University of Northern Colorado,

Rocky Mountain Regional Psi Chi Vice President

**Panel Discussion**

***Saturday, 2 - 3 PM Theatre Lounge North***

*Postdoctoral Training: A Collaborative*

*Venture Between a Counseling Center*

*and a Department of Medicine*

**Kathleen R. Boggs,** **Michael Rigdon,** **Jann DeWitt,**

**& Martha Empey,** University of Utah

Financial, political, management, and supervision issues in the innovation and maintenance of the program will be presented. Two postdoctoral fellows will discuss their experiences working in a medical setting in contrast to a counseling center.

William Battig Memorial Lecture

Richard M. Shiffrin

Indiana University

*REM: A New Model for*

*Explicit and Implicit Memory*

*Saturday, 3 - 4 PM Sundance Theatre*

Alice F. Healy, University of Colorado, Moderator

RMPA

Presidential Address

R. Allen Gardner

University of Nevada - Reno

*Beatrix T. Gardner:*

*‘On the Side of the Apes’*



*Saturday, 4 - 5 PM Sundance Theatre*

Mark A. McDaniel, University of New Mexico, Moderator

RMPA Open Business Meeting

Reports of RMPA Business for 1995-1996

Presentation of Student Paper Awards



*Saturday, 5 - 5:30 PM Sundance Theatre*

William Wallace, University of Nevada-Reno, Moderator

RMPA Presidential Reception

and Social Hour



*Saturday, 5:30 - 6:30 PM Silver King Rooms 1-4*

William Wallace, University of Nevada-Reno, Moderator

SUNDAY

PROGRAM ACTIVITIES

**Workshop**



***Sunday, 9 AM -12 AM Silver King 3***

*Psychopharmacology: Major Depression and Obsessive-Compulsive Disorders*

**Dan Egli,** Williamsport, Pennsylvania

This workshop will focus on pharmacological treatments for major depressive episode (MDE) and obsessive-compulsive disorder (OCD). The two-fold focus of the workshop will be an overview of the antidepressant and an integrated (pharmacological and behavior) treatment model for OCD.

**Psi Chi Poster Session**

***Sunday, 9 - 10 AM Coalition I & II***

**Greater Windows of Opportunity Using Memory Notebooks During Acute Care**

KIMBERLY A. WIERSMA, PENNIE S. SEIBERT, Idaho Neurological Institute & Boise State University; JEAN BASOM AND CHRISTIAN ZIMMERMAN, Idaho Neurological Institute

We designed a memory notebook to serve as a memory for patients while in a comatose or other incoherent state and to lay a foundation for later rehabilitation when traditional notebooks are implemented. We discuss our results in the form of five case studies of traumatic brain injured patients.

**Directed Agitation as a Means of Communication in Brain Injured Patients**

RACHEL E. CLEMENTS, PENNIE S. SEIBERT, Idaho Neurological Institute and Boise State University; DENISE LORD,

AND CHRISTIAN ZIMMERMAN, Idaho Neurological Institute

Agitation is indicated as both troublesome and elusive in regards to traumatic brain injury (TBI). Our research suggests that rather than simply being a stage in recovery, agitation is an expression of specific communication.

**Flat Affect/Impaired Emotional Recognition Following TBI: New Model of Emotion Indicated**

ELISABETH P. WOODALL, PENNIE S. SEIBERT, Idaho Neurological Institute & Boise State University; CHRISTIAN ZIMMERMAN,

AND JEAN BASOM, Idaho Neurological Institute

It is our view that lack of affect in TBI patients is related to impaired emotional recognition from an internal perspective and that established models of emotion cannot clearly explain this phenomenon. Thus, a new model of emotion is indicated for TBI patients.

**Measures of Cognitive Functioning in Comatose Brain Injured Patients.**

LAURIE L. PARKER, PENNIE S. SEIBERT, Idaho Neurological Institute & Boise State University; JEAN BASOM AND CHRISTIAN ZIMMERMAN, Idaho Neurological Institute.

Development and implementation of a measure for evaluating cognitive functioning of comatose brain injured patients is reviewed. Initial results show that with further development of implicit measures, assessment of cognitive functioning during a comatose state may facilitate the process of early cognitive restructuring.

**Drawing Characteristics Reveal Cognitive Deficits Resulting from Traumatic Brain Injury**

JEANNETTE CURTIS, PENNIE S. SEIBERT, Idaho Neurological Institute & Boise State University; JEAN BASOM AND

CHRISTIAN ZIMMERMAN, Idaho Neurological Institute.

Drawings produced by seven TBI patients illustrate the usefulness of analyzing drawing characteristics to provide information about cognitive deficits resulting from injury and to advance information about the processes of the human mind.

**The Development and Implementation of a Comprehensive Outcomes Database for Traumatic Brain Injury**

KARLA J. WEST AND PENNIE S. SEIBERT, Idaho Neurological Institute & Boise State University; JEAN BASOM AND

CHRISTIAN ZIMMERMAN, Idaho Neurological Institute.

This Traumatic brain Injury Database tracks brain injured patients in a detailed, consistent, way from onset of injury through rehabilitation. Measures include, but not limited to, the following categories: Demographics, event of injury, pre-injury/social/family data, evaluation and treatment in emergency, intensive care, neuroscience and rehabilitation and neuropsychological and cognitive assessments.

**Semantic Priming and Automaticity in Word Recognition**

JOHN L. STRICKER AND FRANCES J. FRIEDRICH, University of Utah

The effects of presenting irrelevant stimuli above the prime word in the semantic priming paradigm are examined. Thirty-six students were run through a computerized task in which they named the target word as quickly as they could. The presence of the distractor significantly increased target response time.

**Psi Chi Student Paper Award**

**The Effects of Chronic Paternal Alcohol Exposure**

**on Offspring**

MARGARET MCCONNELL, KRISTIE DAVIS AND MICHAEL F. HULL, Mesa State College

The effects of chronic paternal alcohol exposure on offspring among Sprague-Dawley rats were examined. Groups of male rats who had been fed either grain alcohol or plain tap water were mated with female alcohol-naive rats. Birth weight, litter size and mortality rate were compared for experimental and control groups. No differences were found.

**Social Support and Health: An Exploration of the Literature's Complexity**

CONSTANCE M. CASS, Mesa State College

A historical, theoretical, conceptual and methodological review of selected published literature studying social support roles in health was conducted. Problems inherent in synthesizing the literature are identified. Progress at overcoming research challenges are noted. A "topdown" approach for social support research is discussed.

**Brand Loyalty and Schedule of Reinforcement**

TAMARA L. PENDERSON AND DENNIS E. CLAYSON,

University of Northern Iowa

Product loyalty was investigated as a function of schedule of reinforcement. Questionnaires were completed by 110 subjects describing their experiences at different restaurants. The quality of food was found to be the primary reinforced and the variability of reinforcement was marginally related to loyalty. A certain amount of variability in a service may actually improve brand loyalty.

**Psi Chi Student Paper Award**

**Complex Stimuli Recognition in the Peripheral Fields**

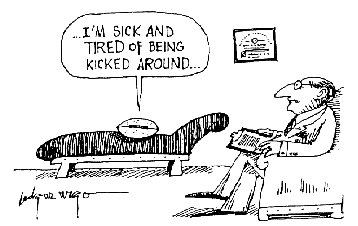
PAMELLA T. ROPER AND NANCY K. HEFTY, University of Northern Colorado

Facial recognition was tested in three different degrees of eccentricity in the right and left visual half fields. Sixteen psychology students verbally identified the target face from other facial distractors, which included a baboon's face. Significant results were found beyond 12.5 degrees eccentricity with no difference in visual half-fields.

**Traditional and Non-Traditional Gender Roles and Women's Sexual Fantasies**

ERIN J. RAND, Carroll College

The relationship between traditional or non-traditional gender roles and dominant or submissive sexual fantasies was studied. Questionnaires assessed women's perceptions of a typical man and woman and their responses to various sexual fantasy scenarios. Non-traditional male roles correlated with dominant fantasies; traditional male roles correlated with submissive fantasies.



[Nebraska is STILL Number 1]

**Roundtable Discussion**

***Sunday, 9 - 10 AM Silver King 4***

*Like a Lasting Storm: Implications*

*for Assessment and Treatment*

**MAUREEN C. PIERCE,** Emporia State University.

Holmes' concept of real-life problems, problems resulting from actual life events, is discussed in relation to issues of assessment and treatment. Areas of concern are noted, such as distinguishing normal from abnormal reactions and improving recognition of real-life problems. Modifications in traditional treatment philosophies and techniques are discussed.

RMPA

Executive Committee Meeting



***Sunday, 9 - 11 AM Board Room***

**MARK A. McDANIEL**, RMPA President

University of New Mexico, Chair

PSI CHI Panel Discussion

*Sunday, 10 - 11 AM Silver King 1*

*Getting Into and Succeeding at Graduate School in Psychology*

David Dodd, University of Utah, Moderator

*What to do and When to do it*

Christine Frederick, Southern Utah University

*The Admission Process*

Richard Roberts, Utah State University

*How to Succeed in Graduate School*

Carl Granrud, University of Northern Colorado

*A Graduate Student’s Perspective*

Patty Ellison-Potter, Colorado State University

Groups UnderRepresented

Symposium

*Commonalities and Differences in Issues Facing Women Across Different*

*Fields of Psychology*

*Sunday, 10 - 12 PM Silver King 2*

Diane Martichuski, Wayne State College, Moderator

Participants:

Joan Post-Gorden, University of Southern Colorado

Julie Jett, Frontier Psychological Associates

The panel will discuss similar challenges as well as different challenges that women face in careers across psychology. Careers will include academia, private practice counseling, and the business world.

**SPECIAL**

**PRESENTATION**

**ROCKY MOUNTAIN PSYCHOLOGICAL ASSOCIATION**

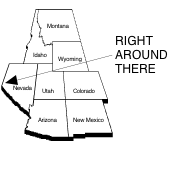
IS PLEASED TO ANNOUNCE

***YET ANOTHER CONVENTION***

**APRIL 18-20, 1997**

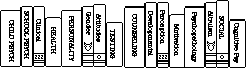
**Sparks, Nevada**

***(very, very close to Reno)***



***Suggestions for the "Top Ten List" of things to do in Sparks on Friday night should be forwarded to the Program Chairs***

**EXHIBITORS**



**Place: *Coalition I & II***

**Times: *Friday, 9:00 am - 4:30 pm***

***Saturday, 9:00 am - 4:00 pm***

**Organization Booth**

**Prentice Hall 1**

A Simon & Schuster Company

Englewood Cliffs, NJ 07632

**Utah Psychological Association 2**

Salt Lake City, Utah

**APA: Division II (Teaching of Psychology) 3**

c/o Susan Bromley

Department of Psychology

University of Northern Colorado

Greeley, CO 80639

**PSI CHI 4**

c/o Nancy Karlin

Department of Psychology

University of Northern Colorado

Greeley, CO 80639

**Rocky Mountain Psychological Association 5**

c/o William Wallace

Department of Psychology

University of Nevada, Reno

Reno, NV 89557

**1996 STUDENT PAPER AWARDS**

Two special review committees read the full papers submitted by students for this competition. They selected the following individuals for recognition as first authors of outstanding scholarly efforts. Each will receive a cash award. Thanks are due to Susan Bromley, Chair of Groups UnderRepresented in Psychology and to Nancy J. Karlin, Psi Chi Regional Vice President for chairing the review committees.



**RMPA STUDENT PAPER AWARDS**

**(Students will be recognized at the RMPA**

**Business Meeting on Saturday at 5:00 PM)**

IRENE SCHWARTING, University of Utah

***"Inhibition and Facilitation Due to Associative Priming"***

LISA R. BROOKS, University of Montana

***"The Effects of Force & Response Cost on Wheel Running in Rats"***

ASHTON N. KOONS, University of Northern Colorado

***“Too Much of a Good Thing: Measuring Unrealistic Optimism"***

MELANIE L. BATTISTONE, University of Utah

***"Age-related Differences in Preferences of Navajo*** ***Indians Toward Western and Traditional Health Care Providers"***

SCOTT C. BATES, Colorado State University

***"Differences in ethnic identity and adjustment among adolescents with mixed-heritage backgrounds and adolescents with single-heritage backgrounds"***

**Groups UnderRepresented in Psychology**

**STUDENT PAPER AWARD**

AMALIA SIROLLI

Arizona State University

***"Graduate students’ views of the relevance of multicultural training to their application to clinical psychology programs"***

**Rocky Mountain Psychological Association**

**Presidents (1930-1997)**

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 Medical 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 University)*

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)*

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 **Karl 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** *(University of New Mexico)*

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. Sechrist** *(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)*

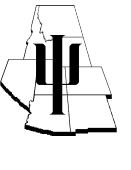
1993/94 **Joseph Horvat**  *(Weber State University)*

1994/95 **Alice F. Healy**  *(University of Colorado)*

1995/96 **Beatrix T. Gardner** *(University of Nevada, Reno)*

**(William P. Wallace,** Acting President, *U. of Nevada)*

1996/97 **Mark McDaniel** *(University of New Mexico)*



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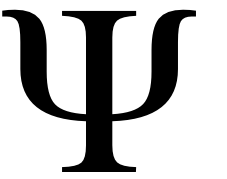
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