

# Greetings from the President

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Welcome to the 82<sup>nd</sup> annual convention of the Rocky Mountain Psychological Association! I am very pleased to announce that we have a strong and exciting program this year. We received an impressive 243 submissions from across the Rocky Mountain region and beyond, and these submissions have been reviewed and assembled into a tightly packed three-day program from the Teaching Take-Out session at noon on Thursday through the President's Reception on Saturday evening.

We also have an outstanding collection of invited presenters from a wide range of subfields of psychology. On Thursday, Carole Wade will present the Wertheimer-Portenier Teaching Conference Invited Address, *Critical Thinking: Needed Now More Than Ever*. At 5:00PM on Thursday, RMPA Distinguished Lecturer Roy Baumeister will formally start the main convention with his opening talk, *The What, Why, and How of Human Consciousness*. We have several other great speakers: Richard Bootzin will address sleep debt, Gary Wells will talk about mistaken eyewitness identification, Warren Bickel will present the APA Distinguished Scientist Lecture, *Self-Control Failure as a Trans-Disease Process: Competing Decision Systems and Their Repair*, James W. Loewen will ask, *In the Age of Obama, Is America a Post-Racial Society?*, Jeffrey Arnett will discuss culture and development, Robin Rosenberg will present *Life Lessons Superheroes Teach Us*, including scholarship from her recent book. On Saturday, William Wallace will address a statistical question, and Mark Bodamer will discuss his recent scholarship in his presentation, *Chimfunshi Wildlife Orphanage: Zambia's Growing Treasure and a Place for Us*. In addition to these talks and my Presidential Address, *Historical and Contemporary Perceptions of Confession Evidence*, there will be many concurrent sessions of oral papers and posters; we expect attendees to feel challenged with choices about what to attend!



I hope that you will seize the many social opportunities throughout the convention. The first opportunity to interact with invited speakers, presenters, and other scholars and students will be on Thursday at 6:00 PM for the RMPA Kick-off Reception and teaching posters. There will be many other opportunities, including social events sponsored by Psi Chi and the RMPA Diversity Council. The convention will close on Saturday at 5:30 PM with the combined President's Reception, Awards Ceremony, and business meeting. If you don't know us already, I know I speak for the Executive Committee when I encourage you to introduce yourself to us during social events, at sessions, or just in passing.

I would like to extend special very thanks to the RMPA Executive Committee (Pennie S. Seibert, Layton Curl, Nancy Karlin, Diane Martichuski, Rick Miller, Bob Rycek, Cheryl Sanders, and Wayne Weiten), the Convention Co-Managers (Gideon Caplovitz and Marian Berryhill), and Susan Becker, the Psi Chi Regional VP, for the extensive time and energy they have invested to make this convention a success.

Best Regards!

William Douglas Woody, RMPA President

## Greetings From University of Nevada Reno

On behalf of the University of Nevada, Reno (UNR) Psychology Department, I welcome you to the Silver State for the 82<sup>nd</sup> Annual Convention of the RMPA in Reno, Nevada. We are pleased to again serve as the host university, and we hope you enjoy this exciting conference.

UNR is located on North Virginia Street, several miles north of the Peppermill Hotel Casino, and near the downtown Reno city center. Reno offers great entertainment in the forms of casinos, concerts, and dining. Reno is also the gateway to the Tahoe region with its beautiful lake, fantastic hiking, and world class skiing opportunities. The Truckee River, flowing between Lake Tahoe and Pyramid Lake, provides rafting and fishing options for outdoor fun.

UNR is the oldest public institution in the Nevada System of Higher Education. We have approximately 18,000 students and nearly 1,000 undergraduate psychology majors. The Department of Psychology, in the College of Liberal Arts, is comprised of three programs: Cognitive and Brain Sciences, Behavior Analysis, and Clinical Psychology. We currently have 22 faculty members and over 100 graduate students. In conjunction with the Department of Biology, we administer the rapidly growing interdisciplinary Neuroscience undergraduate degree program. Our laboratories serve as important training environments in which undergraduates learn from graduate students and faculty alike. We work closely with our students to develop outstanding research programs. Presenting research findings at RMPA complements our goal of producing well-trained students with an in-depth knowledge of the research process.

RMPA offers students a fantastic opportunity to network, gain practice in presenting findings, and learn about some of the newest research. We hope you have a wonderful time at RMPA in Reno. Enjoy the conference, have some fun, and be safe.

Victoria M. Follette, PhD  
Foundation Professor and Chair  
Department of Psychology

## PROGRAM

### *Eighty-Second Annual RMPA Convention*

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# GENERAL INFORMATION

## Location:

All regular meetings will be held at the Peppermill Hotel Casino (866-821-9996). Most meetings are in the hotel Conference Center in the Naples and Sorrento Ballrooms on the second floor at the top of the escalators. Please consult the hotel wall reader boards next to each meeting room in the Conference Center for each day's events with rooms and times.

## Information and Messages:

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

## Internet Access:

There is free wireless internet access in the facility and is free for all hotel guests. Ask for the Wireless Internet password when you check in.

## Handicapped Access:

All conference rooms at the Peppermill Hotel Casino are handicapped accessible. The restaurants, bars, and lavatories are also accessible. Persons needing special accommodations should stop at the registration tables.

## Exhibitors:

The exhibits are all located in the Conference Center, along with the poster sessions. A list of all exhibitors is provided in the program addenda. Exhibitors provide support for the RMPA convention and the best way to say "thank you" is with your patronage.

## Smoking:

Smoking is permitted on the gaming floor; there is no smoking in the Conference Center at the Peppermill Hotel Casino.

## Registration:

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

Wednesday: 7:00 pm – 10 pm  
 Thursday: 10:00 am – 7:30 pm  
 Friday: 7:30 am – 7:30 pm  
 Saturday: 7:30 am - 11:30 am

## Getting Around in the Reno Area:

There are free shuttles to and from the Reno-Tahoe Airport. There is a bus service from the hotel to downtown Reno and free shuttle service from downtown Reno to the University of Nevada campus. Otherwise, your best bet is a taxi or rental car.

On-site registration fees are:

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

## Membership:

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

## Convention Protocol

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

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



## RMPA Executive Committee 2011-2012

### President:

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### Convention Coordinator:

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and

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gcaplovitz@unr.edu

## THE PROGRAM COMMITTEE

*Each of the 243 contributed abstracts was read by the Program Chair and one of the 33 distinguished psychologists, who served as reviewers. We would like to express our appreciation to them for their assistance in putting together this outstanding program.*

Aaron Ashley  
Todd Baird  
Steve Barney  
Mary Jo Carnot  
Jennifer Coleman  
Grant Corser  
Layton Seth Curl  
Mahlon Dalley  
Jeff Elison  
Bethany Fleck  
Matthew Genuchi  
Winford Gordon  
Lisa Kindleberger Hagan  
Lesley Hathorn  
Travis Heath  
Jeremy Ashton Houska  
Jeannine Klein  
Peter Kranz  
Suzanne Little  
Britton Mace  
Christopher Macemore  
Frederick Malmstrom  
Rona McCall  
Maura Pilotti  
Shawn Powell  
Aaron Richmond  
Anna Ropp  
Cheryl Sanders  
N. Clayton Silver  
Key Sun  
Jim Wallace  
Lynn White  
Bill Wozniak

Weber State University  
Weber State University  
Southern Utah University  
Chadron State College  
Western New Mexico University  
Southern Utah University  
Metropolitan State College of Denver  
Eastern Washington University  
Adams State College  
Metropolitan State College of Denver  
Boise State University  
Western Carolina University  
Metropolitan State College of Denver  
Metropolitan State College of Denver  
Metropolitan State College of Denver  
Concordia University Chicago  
University of Nevada, Las Vegas  
University of Texas Pan American  
Central Washington University  
Southern Utah University  
Jackson County Public Schools  
University of the Rockies  
Regis University  
New Mexico Highlands University  
Casper College  
Metropolitan State College of Denver  
Metropolitan State College of Denver  
Metropolitan State College of Denver  
University of Nevada, Las Vegas  
Central Washington University  
St. Lawrence University  
Southern Utah University  
University of Nebraska at Kearney

## ***RMPA WOULD LIKE TO THANK...***

### **RMPA LOCAL REPRESENTATIVES**

#### **California**

Point Loma Nazarene University Kim W, Schaeffer

#### **Colorado**

Adams State College Robert M. Demski  
 Colorado College Emily Chan  
 Colorado Mesa University Harry Tiemann & Susan Becker  
 Colorado State University Deana Davalos  
 Colorado State University – Pueblo Karen Yescavage  
 Denver University Ruth Chao  
 Front Range Community College Laura Manuel  
 Metropolitan State College Denver Aaron Richmond & Bill Henry  
 Regis University Rona McCall  
 United States Air Force Academy Michelle Butler  
 University of Colorado – Boulder Alice Healy  
 Western State College Charles Patrick Stark

#### **Idaho**

Boise State University Elizabeth Morgan  
 BYU – Idaho Sam Clay  
 College of Idaho Jann Adams

#### **Kansas**

Fort Hays State University Janett Naylor  
 Southwestern College Jay Nolan

#### **Montana**

Montana State University Michael Babcock  
 University of Montana Allen D. Szalda-Petree  
 University of Montana – Western Mark Krank

#### **Missouri**

Washington University Mark McDaniel

#### **New Mexico**

New Mexico Highlands University Maura Pilotti  
 New Mexico State University Steven Elias  
 San Juan College Ron Salazar  
 University of New Mexico Elizabeth Browning  
 Western New Mexico University Jennifer Coleman

#### **Nebraska**

Bellevue University Roxanne Sullivan  
 Chadron State College Mary Jo Carnot  
 University of Nebraska at Kearney Bill Wozniak

#### **Nevada**

University of Nevada – Reno William P. Wallace  
 University of Nevada – Las Vegas N. Clayton Silver

#### **North Carolina**

Appalachian State University Courtney Rocheleau  
 Western Carolina University Winford Gordon

#### **Texas**

University of Texas-Pan American Peter Kranz

#### **Utah**

College of Eastern Utah Heath Earl  
 Snow College Nick Marsing  
 Southern Utah University Steve Barney  
 University of Utah David Strayer

#### **Utah (cont.)**

Utah State University David Stein  
 Utah Valley University David Yells  
 Weber State University Theresa Kay  
 Westminster College Laura M. Bennett Murphy

#### **Washington**

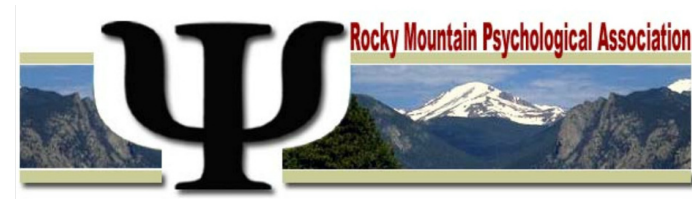
Central Washington University Danielle Polage  
 Pacific Lutheran University Michelle Ceynar

#### **Wyoming**

Casper College Shawn Powell

#### **CANADA British Columbia**

North Island College John Marton



## ***RMPA WOULD ALSO LIKE TO THANK...***

The RMPA Executive Committee would like to thank the following organizations for their support of this year's Rocky Mountain Psychological Association Convention.

The **American Psychological Association** for funding the APA Distinguished Scientist Lecturer and the **APA Education Directorate and APA Science Directorate** for funding outstanding student papers at the convention.

The **APA Education Directorate and STP** for the teaching conference and the teaching poster award.

The **Council on Undergraduate Research** for the best undergraduate paper award.

**Psi Chi** for bringing another set of great programs for students, including bringing in Dr. Richard Bootzin. Psi Chi also provided social events, snacks, and the Psi Chi student awards. They also co-sponsored our diversity council conversation hour and our diversity council speaker, Dr. James Loewen.

**Cengage Publishing** for funding an RMPA Distinguished Lecturer.  
**Pearson Publishing** for funding an RMPA Distinguished Lecturer.  
**Worth Publishing** for funding an RMPA Distinguished Lecturer.

## SUMMARY OF EVENTS

### Invited Addresses

Carole Wade.....Thursday, 2:00 pm  
*Critical Thinking: Needed Now More Than Ever*

Roy F. Baumeister.....Thursday, 5:00 pm  
*The Why, What, and How of Human Consciousness*

Richard Bootzin.....Friday, 9:10 am  
*If We Know Sleep is So Important, Why Do We Get So Little of It?*

Gary Wells.....Friday, 10:20 am  
*Mistaken Eyewitness Identification: Using Psychological Science to Understand and Improve Eyewitness Identification Evidence*

Warren K. Bickel.....Friday, 1:00 pm  
*Self Control Failure as a Trans-disease Process: Competing Decision Systems and Their Repair*

James (Jim) W. Loewen.....Friday, 2:10 pm  
*In the Age of Obama, is America a Post-Racial Society?*

Jeffrey Arnett.....Friday, 3:20 pm  
*How Culture Shapes Human Development From Beginning To End*

Robin Rosenberg.....Friday, 4:30 pm  
*Life Lessons Superheroes Teach Us*

William Wallace.....Saturday, 9:10 am  
*The Confidence Interval: A More Informative Alternative to an  $H_0$  Test of the Difference between Two Means*

Mark Bodamer.....Saturday, 10:20 am  
*Chimfunshi Wildlife Orphanage: Zambia's Growing Treasure and a Place for Us*

William Douglas Woody.....Saturday, 2:10 pm  
*Historical and Contemporary Perspectives of Confession Evidence*

### RMPA

Executive Committee Meeting.....Thursday, 8:00 am  
Portenier/Wertheimer Teaching Conference.....Thurs, 12-5 pm  
Teaching Conference Invited Address: Wade.....Thurs, 2:00 pm

Student Pre-Conference.....Thursday, 1-5 pm  
RMPA Kickoff Speaker: Roy Baumeister.....Thursday, 5:00 pm  
Opening Event Reception.....Thursday, 6:00 pm  
Ellis-Battig Memory Symposium.....Friday, 8:30 am  
RMPA Distinguished Lecture: Gary Wells.....Friday, 10:20 am  
RMPA Diversity Council Address: Loewen.....Friday, 2:10 pm  
RMPA Invited Speaker: Arnett.....Friday, 3:20 pm  
Diversity Council Panel: Children of LGBTQ.....Friday, 3:20 pm  
RMPA Invited Speaker: Rosenberg.....Friday, 4:30 pm  
Bell/Loomis Environmental Symposium.....Saturday, 8:00 am  
RMPA Past President's Address: Wallace.....Saturday, 9:10 am  
Gardner Memorial Lecture: Bodamer.....Saturday, 10:20 am  
RMPA President's Address: Woody.....Saturday, 2:10 pm  
RMPA Award Finalists Oral paper session 1.....Saturday, 2:10 pm  
RMPA Award Finalists Oral paper session 2.....Saturday, 3:20 pm  
RMPA Closing Session.....Saturday, 5:30 pm  
Presidential Reception and Social Hour.....Saturday, 5:30 pm  
Executive Committee Meeting.....Sunday, 8:00 am

### RMPA Diversity Events

Diversity Posters.....Friday, 8:00 am  
Lunch Conversation Hour: Jim Loewen.....Friday, 11:30 am  
RMPA Diversity Council Address: Loewen.....Friday, 2:10 pm  
Diversity Council Panel: Children of LGBTQ.....Friday, 3:20 pm  
Lunch Video Series: *Pursuit of Happiness*.....Saturday, 11:30 am  
RMPA Workshop: Counseling Victims of Prejudice....Sat., 3:20 pm

### Meetings

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

### Teaching Events

Teaching Take-Out.....Thursday, 12:00 pm  
Developing Critical Thinking Skills.....Thursday, 1:00 pm  
Make it Your Best Presentation Yet!.....Thursday, 1:00 pm  
STP Keynote Address: Carole Wade.....Thursday, 2:00 pm

## Teaching Events (cont.)

Balancing Family and Work in Academia.....	Thursday, 3:00 pm
High-interest Psych Courses- Nonmajors.....	Thursday, 3:00 pm
Student Engagement to Inspire Learning.....	Thursday, 4:00 pm
Studying Psychology Abroad.....	Thursday, 4:00 pm
Teaching Posters.....	Thursday, 6:00 pm
Teaching Oral Paper Session 1 .....	Friday, 8:00 am
Teaching Oral Paper Session 2 .....	Saturday, 8:00 am
STP Business Luncheon.....	Saturday, 11:30 am

## Student Events (Thursday only)

Selecting a Faculty Mentor.....	Thursday, 1:00 pm
Surviving Your First Year in Workplace.....	Thursday, 2:00 pm
Developing Award Winning Research Ideas.....	Thursday, 3:00 pm
Making the Most of your Time at RMPA.....	Thursday, 4:00 pm

## Non-Psi Chi Symposia

Developing Critical Thinking Skills.....	Thursday, 1:00 pm
High-interest Psych Courses- Nonmajors.....	Thursday, 3:00 pm
Ellis-Battig Memory Symposium.....	Friday, 8:30 am
Bell/Loomis Environmental Symposium.....	Saturday, 8:00 am
The Meaningful Life.....	Saturday, 10:20 am
The Failure of Whistleblowing.....	Saturday, 1:00 pm

## Panel Discussions/ Roundtables

Studying Psychology Abroad.....	Thursday, 4:00 pm
Diversity Council Panel: Children of LGBTQ.....	Friday, 3:20 pm

## Non-Psi Chi Workshops

Make it Your Best Presentation Yet!.....	Thursday, 1:00 pm
Balancing Family and Work in Academia.....	Thursday, 3:00 pm
Student Engagement to Inspire Learning.....	Thursday, 4:00 pm
Using Therapeutic Metaphors-Therapy with Men.....	Friday, 9:10 am
Improving the Odds (Treatment Program).....	Friday, 2:10 pm
Exploring Gifted Adolescents.....	Saturday, 1:00 pm
Counseling Victims of Prejudice.....	Saturday, 3:20 pm
Student Perspectives on Student Management Teams.....	Saturday, 3:20 pm

## Psi Chi Events

Student Preconference.....	Thursday, 1:00 - 5:00 pm
Welcome Breakfast.....	Friday, 8:00 am

Psi Chi Distinguished Lecture: Bootzin.....	Friday, 9:10 am
Conversation Hour with Dr. Bootzin .....	Friday, 10:20 am
Psi Chi Advisors Luncheon.....	Friday, 11:30 am
Graduate School: Lessons Learned and Practical Advice...	Friday, 1:00 pm
Psi Chi Award Paper Session .....	Friday, 4:00 pm
Psi Chi Awards Presentation and Quiz Competition.....	Friday, 6:00 pm
Psi Chi Coffee Break.....	Saturday, 8:00 am
Psi Chi Membership.....	Saturday, 9:10 am
Community Service and Outreach.....	Saturday, 10:20 am
Developing Leadership.....	Saturday, 1:00 pm
Recognizing and Warding Off Plagiarism.....	Saturday, 2:10 pm

## Conversation Hours

Psi Chi: Richard Bootzin.....	Friday, 10:20 am
Diversity Council: James Loewen.....	Friday, 11:30 am

## Oral Paper Sessions

### Friday, April 13

Law/Environmental.....	8:00 am
Teaching 1.....	8:00 am
Neuroscience.....	10:20 am
Social 1.....	10:20 am
Social 2.....	1:00 pm
Learning/Memory/Cognition.....	1:00 pm
Memory.....	2:10 pm
Health.....	3:20 pm
Psi Chi Award Papers.....	4:00 pm
Social 3.....	4:30 pm

### Saturday, April 14

Teaching 2.....	8:00 am
Religion.....	8:30 am
Perception/Emotion.....	10:20 am
Clinical 1.....	1:00 pm
Personality .....	2:10 pm
RMPA Award Finalists 1.....	2:10 pm
RMPA Award Finalists 2.....	3:20 pm
Clinical Oral 2.....	4:30 pm
Comparative.....	4:30 pm
Education/School.....	4:30 pm

## Poster Sessions

### Thursday, April 12

Teaching .....6:00 pm

### Friday, April 13

Education/Health/Community/Religion/Diversity/IO/Sports .....8:00 am

.....8:00 am

Social/Environmental.....9:10 am

### Saturday, April 14

Learning/Mem/Cog/Perception/Neuropsych..... 8:00 am

Law/Developmental/Measurement/Animal/Comparative....9:10 am

Personality/Clinical/Psychopathology/Military.....3:20 pm

## Social Events

RMPA Opening Event Reception (open to everyone).....

.....Thursday, 6:00 pm

Psi Chi Welcome Breakfast (open to everyone).....Friday, 8:00 am

Psi Chi Advisors Luncheon (by invitation only - see Susan

Becker).....Friday, 11:30 am

Diversity Council Lunch Discussion Hour (open to everyone)

.....Friday, 11:30 am

Psi Chi Awards Presentation and Reception (open to everyone)

.....Friday, 6:00 pm

Worth Publishers Social Hour (open to faculty).....Friday, 6:00 pm

Psi Chi Coffee Break.....Saturday, 8:00 am

STP Business Luncheon (open to everyone).....Saturday, 11:30 am

Diversity Lunch Video Series (open to everyone)..... Saturday, 11:30 am

President's Reception (open to everyone).....Saturday, 5:30 pm

Conference Evaluations -  
Let Us Know What You Think!

After the conference, go to the webpage for the link to the evaluation form ([www.rockymountainpsych.org](http://www.rockymountainpsych.org)).

### Become More Involved!

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

## PRE-CONVENTION ACTIVITIES

### RMPA

### Executive Committee Meeting



**Thursday 8:00 am -12 pm Room 1747**

**WILLIAM DOUGLAS WOODY, RMPA President**

University of Northern Colorado, Chair

### REGISTRATION



Registration is located in the second floor hallway

Registration Times:

Wednesday: 7:00 pm – 10:00 pm

Thursday: 10:00 am – 7:30 pm

Friday: 7:30 am – 7:30 pm

Saturday: 7:30 am - 1:30 pm



# Portenier/Wertheimer Teaching Conference

RMPA would like to thank the  
APA Education Directorate and the  
Society for the Teaching of Psychology  
for their sponsorship of this conference.



**Lillian Portenier**



**Michael Wertheimer**

## **Purpose of the Teaching Conference:**

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

## **Who Should Attend:**

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

## **Lillian Portenier**

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

## **Michael Wertheimer**

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

## RMPA Student Pre-Conference

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

- 1:00 - 1:55**      **Selecting a Faculty Mentor**
- 2:00 - 2:55**      **Surviving First Year Job w/ a B.S.**
- 3:00 - 3:55**      **Developing Award Winning Ideas**
- 4:00 - 4:55**      **Making the Most of RMPA**

### Psi Chi Workshop

*Student/Faculty Research Relationships:  
What You Need to Know*

*Thursday, 1:00 – 1:55 pm*

*Naples 4*

Presenters:

LESLIE CRAMBLET ALVAREZ, Adams State College  
KRISTA D. BRIDGMON, Colorado State University-Pueblo

This interactive workshop will address important questions surrounding selecting a mentor in research. Whether you are an undergraduate or graduate student, insightful activities will help guide assessing your needs in selecting a research mentor and address your questions about conducting research with a faculty member and eventually independently.

### Psi Chi Workshop

*Surviving Your First Year in the Workplace  
with a Bachelors Degree*

*Thursday, 2:00 – 2:55 pm*

*Naples 4*

Presenter: PAUL HETTICH, De Paul University

New baccalaureate graduates face several challenges in the workplace including organizational culture, application of the skills employers seek, and knowledge of behaviors that lead to promotion and termination. Students can strengthen their workplace readiness through part-time jobs, internships, job related coursework, career planning, co-curricular activities, volunteering, and related activities.

### Psi Chi Workshop

*Developing Award Winning Research Ideas*

*Thursday, 3:00 – 3:55 pm*

*Naples 4*

ROXANNE SULLIVAN, Bellevue University  
GIDEON CAPLOVITZ, University of Nevada Reno,  
SUSAN E. BECKER, Colorado Mesa University

This session will provide information about how to develop high quality research ideas, timing the research to be eligible for awards and what reviewers and judges look for. We will include inside information about judging criteria and have time for a question and answer session.

### Psi Chi Workshop

*Making the Most of Your Time at RMPA*

*Thursday, 4:00 – 4:55 pm*

*Naples 4*

WILLIAM WOZNIAK, University of Nebraska at Kearney  
SUSAN E. BECKER, Colorado Mesa University  
ALBERTO VARELA, University of Utah

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

# Portenier-Wertheimer Teaching Conference

## Teaching Take-Out

*Thursday 12:00 - 12:55 pm*

*Naples 6*

Moderator: WILLIAM DOUGLAS WOODY, University of Northern Colorado

### **Building a Play Dough Brain**

BETHANY K.B. FLECK, Metropolitan State College of Denver

Using this hands-on activity, students learn the major structures and functions of the brain. Partial demonstration of the activity will be conducted and resources distributed.

### **STOP! Students Experience Action Potential**

AARON S. RICHMOND, Metropolitan State College of Denver

Using a great hands-on activity, instructors can have students physically experience the processes involved in an action potential. Demonstration of the activity will be conducted.

### **e-Starbucks and More: Ways to Increase Student Engagement in your Online Course**

CHERYL E. SANDERS, Metropolitan State College of Denver

Teaching online can involve multiple challenges. One of the biggest challenges includes keeping students engaged in the online environment. This presentation will offer 3 strategies that will encourage students to want to return to their online classroom. All 3 strategies are easy to implement and reach every student in the course.

### **The Neuroanatomical Olympics**

STEVE T. BARNEY, Southern Utah University

Learning basic neuroanatomy is requisite for understanding brain function and eventual dysfunction. Students may not always be motivated by routine rote memorization. I developed the Neuroanatomical Olympics as a fun, interactive, and dynamic way to learn basic brain structures and functions.

### **Informal Mid-term Course Evaluations: More than an Evaluation**

KRISTA K. FRITSON, University of Nebraska at Kearney

This is a demonstration of a brief mid-term course evaluation procedure that has multiple intentions and benefits. The procedure is informal, but provides an opportunity for students to give professors feedback during the semester and potentially positively influence the current course--unlike end-of-term evaluations. Multiple benefits are discussed.

### **Teaching Take-Out (cont.)**

#### **Using Census Data to Reveal the Invisible Legacy of Historical Discrimination**

WILLIAM DOUGLAS WOODY, University of Northern Colorado

This demonstration will provide instructors with ways to use publicly available data from the US Census and other sources to present concise, easy to prepare, experiential demonstrations of the presence and invisibility of ongoing prejudice and discrimination in the United States.

## Teaching Symposium

### **Specialty Courses and Activities Designed to Develop Critical Thinking Skills in Students**

*Thursday 1:00 - 1:55 pm*

*Naples 1*

WILLIAM WOZNIAK, University of Nebraska at Kearney

NICK MARSING, Snow College

AARON S. RICHMOND, Metro State College of Denver

ERIC AMSEL, TODD BAIRD, and AARON ASHLEY, Weber State University

Approaches to incorporating critical thinking training into the Psychology curriculum will be presented and discussed. The presentations will range from particular critical thinking exercises to more global issues.

## Teaching Workshop

### **Make It Your Best Presentation Yet! Tips and Techniques to Wow Your Professors and Classmates**

*Thursday 1:00 - 1:55 pm*

*Naples 2*

RONA J. MCCALL, Regis University

RICHARD MILLER, University of Nebraska at Kearney

and CHRISLYN E. RANDELL, Metro State College of Denver

Do you have a presentation coming up? Nervous you will make a mistake? You will witness the do's and don'ts of presenting. New and different options for making your presentation the best it can be will be discussed. Be prepared to test out some techniques and learn ways to make your next presentation your best one yet!

**Portenier-Wertheimer  
Teaching Conference**  
*Invited Address*

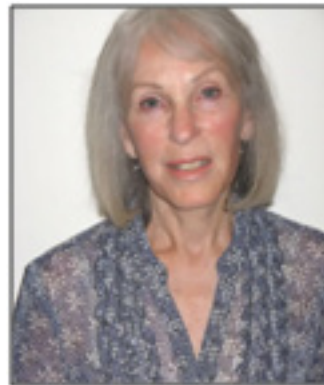
**CAROLE WADE**

Critical Thinking:  
Needed Now More Than Ever

**Thursday**  
**2:00 – 2:55 pm**

**Naples 6**

Moderator: WAYNE WEITEN,  
University of Nevada Las Vegas



It's easy for psychology teachers (and authors) to get discouraged about helping students think clearly, creatively, and critically when so many examples of mindlessness, entrenched bias, and blind emotion bombard us every day--in the media, in politics, on the Internet. But taking a broader historical view yields a more optimistic perspective. The tension between rational thought and impulsive irrationality has always been with us, and always will be. But by acknowledging this tension, and by teaching students the contributions of psychological scientists to understanding the emotional and social impediments to critical thinking, teachers can play an important role in increasing students' critical thinking skills. It's all about conveying to students why it is good to think critically, why so many of us have trouble doing so, and how we might break down some of those barriers.

**Teaching Symposium**

**High Interest Psychology Courses  
for Non-Majors**

*Thursday 3:00 – 3:55 pm*

*Naples 1*

Presenters:

THERESA WADKINS, RICHARD L. MILLER,  
WILLIAM WOZNAK, University of Nebraska at Kearney  
and NICK MARSING, Snow College

Varieties of high-interest courses in psychology for non-majors will be presented. The focus will be on the use of general interest materials and interdisciplinary topics. Prospects for recruitment of students to Psychology will also be discussed.

**Teaching Workshop**

**Perfect (Im)Balance! Balancing Academia,  
Family, and Life**

*Thursday 3:00 – 3:55 pm*

*Naples 2*

Presenters:

KRISTA FORREST, University of Nebraska at Kearney  
KAREN KWAN, Salt Lake Community College  
RONA J. MCCALL, Regis University  
LISA KINDLEBERGER HAGAN, CHRISLYN E. RANDELL,  
AARON S. RICHMOND, and CHERYL E. SANDERS, Metro-  
politan State College of Denver

Academic life can be a stressful and demanding process. Faculty members at all stages of their career will share practical advice and lessons learned in this workshop. Attendees will be asked to discuss their trials and tribulations with balancing, and finally everyone will share strategies on how to achieve a balanced work, family, and life.

## Teaching Workshop

### Is this Going to be on the Test? Using Student Engagement to Inspire Students' Desire for Learning

Thursday 4:00 – 4:55 pm

Naples 1

#### Presenters:

STEVE T. BARNEY, Southern Utah University  
AARON S. RICHMOND, and LISA KINDLEBERGER HAGAN,  
Metropolitan State College of Denver

In this workshop, we plan to discuss ways to implement and assess efforts to engage students in their undergraduate experiences. First, we will discuss how to encourage student engagement using a variety of teaching methods including lecture, discussion, and active learning instruction. We will also discuss how to engage students using a variety of teaching platforms including online and hybrid courses. Second, we will present effective engagement practices in a variety of psychology courses. Finally, we will discuss how one can encourage institutional student engagement. Following comments by the panelists, we hope to have an open exchange of ideas and best practices.



## Taking Our Show on the Road: Studying Psychology Abroad

Thursday 4:00 - 4:55 pm

Naples 2

#### Moderator:

LESLIE CRAMBLET  
ALVAREZ, Adams  
State College

#### Discussants:

LAYTON CURL, Metro  
State College Denver  
HOWARD INGLE, Salt  
Lake Community  
College

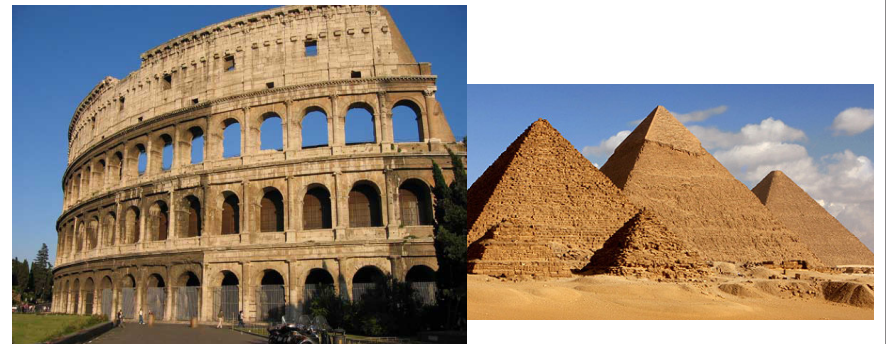
NANCY KARLIN,

University of Northern Colorado

RICHARD L. MILLER, University of Nebraska at Kearney



Travel abroad presents unique opportunities for undergraduates to become global citizens, understand others' perspectives, and appreciate their own unique culture. Study abroad can provide a vehicle for examining psychological concepts and engaging in cross-cultural research. This panel will explore ways in which Rocky Mountain region schools have integrated study abroad into psychology coursework and research.



## KICKOFF THURSDAY MAIN PROGRAM ACTIVITIES

**RMPA Distinguished Lecture and  
RMPA Opening Speaker**  
*Sponsored by Cengage Publishing*

**ROY F. BAUMEISTER**



Florida State University

### **The Why, What, and How of Human Consciousness**

*Thursday, 5:00 – 5:55 pm*

*Naples 6 and 7*

Moderator: WAYNE WEITEN, University of Nevada Las Vegas

Consciousness is a distinguishing trait of human experience, but does it cause behavior or serve other useful functions? Recent critiques, especially from studies of automatic processes and brain functions, have suggested that it is inefficient and ineffective for controlling action and unnecessary for perceiving the environment. This talk reviews experimental studies on how manipulations of conscious thought cause changes in behavior. It draws new conclusions about what conscious thought can and cannot do—and what it can do better than unconscious processes. It goes on to argue that the core functions of conscious thought are for relating to the social and cultural environment. This talk is based on articles in *Psychological Review* (2010) and the *Annual Review of Psychology* (2011).

## RMPA 82nd Annual Conference Opening Reception Welcome!



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

***Thursday 6:00 - 7:30 pm***

***Naples 6 and 7***

**WILLIAM DOUGLAS WOODY, RMPA President, Host**



## Teaching Posters

Poster Session, Thursday, 6:00- 7:00 pm, Naples 6 and 7

**1**

Mike and Molly Turn Six

JEANNINE KLEIN

University of Nevada, Las Vegas

In Mike and Molly Turn 6, child development course students are required to plan a birthday party for 6 year old fraternal twins in which they must plan a nutritional menu, activities and gift list that are age appropriate, and address the twins' social, cognitive and physical development needs.

**2**

Beyond the Term Paper: Alternative Research-Based Course Projects

KATHERINE G. HILL, LINDA LOCKWOOD, AND CHRISLYN E. RANDELL

Metropolitan State College of Denver

Projects that require students to do research but allow them to demonstrate knowledge in flexible, creative ways may be desirable alternatives to traditional term papers. Examples including student-designed websites, informational brochures, and classroom lessons geared towards middle school children will be presented.

**3**

A Randomized Control Experiment Testing the Effects of Picture Books on Higher Level Learning and Retention in Psychology

AARON S. RICHMOND, BETHANY

FLECK, TRAVIS HEATH, HEIDI

SHUKERT, JENNIFER RYAN,

BREANNA GARDNER, AND BRYCE

SKARDA

Metropolitan State College of Denver

The goal of this study was to investigate whether using children's picture books to teach educational psychology concepts could promote higher level thinking and retention of material. Over a 2-week period, 60 undergraduates will be taught either with picture books or direct instruction.



**4**

Students' Perceptions of Male and Female Professor Disclosures

TODD C. BAIRD AND TYANNE R. TIDMARSH

Weber State University

This study surveyed students regarding the perceived level of appropriateness of professor and student self-disclosure. Factors such as the sex of the professor and student and the content areas of self-disclosure were examined. Results indicated that students were more open to self-disclosure of male professors than female professors or students.

**5**

The Effect of Conceptual Integration During Practice on Test Performance

TYLER BRODERICK, MAURA PILOTTI, LINDA LAGRANGE, JENNIFER BOCHENEK, LYLE LUCERO, AND EDWARD MARTINEZ.

New Mexico Highlands University

The present study examined the effects of two types of practice on the acquisition of individual concepts. Consistent with the transfer-appropriate processing account, performance was superior when the focus of practice and test matched (i.e., they both emphasized individual concepts).

**6**

Developmental Process of a University Clinic: Supporting Training and Community Needs

SHAYNA BRODY WHITEHOUSE AND MEGHAN MCCARTHY

University of Denver

This presentation describes the decision-making process utilized to develop a training model within a university clinic while ensuring services to the community. Participants will understand links between training requirements, perceptions of clinic stakeholders, training at other university clinics and decisions made about the focus of the clinic.

### ***Special Thanks!***

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

*Thanks*

## FRIDAY PROGRAM ACTIVITIES

### *Welcome Breakfast Sponsored by Psi Chi*

**Friday, 8:00 – 9:00 am**

**Naples 4**



Come by for a quick bite, and meet other Psi Chi members!

Hosts: SUSAN E. BECKER, Colorado Mesa University,  
MICHAEL HALL, Psi Chi Past President, James Madison  
University

### **Education/Health/Community/Religion/ Diversity/ IO/Sports Posters**

Poster Session, Friday, 8:00- 9:00 am, Naples 7

**1**

A Comparison of the DISC and BFI Personality Test in Prediction of Social Loafing

ZACHARY KRISTENSEN AND TODD BAIRD

Weber State University

Personality measures are frequently used by companies in such activities as pre-employment screenings. Of interest in this study was the ability of the DISC and the BFI personality measures to predict the work related construct of social loafing. The utility of these two measures in assessing social loafing is presented.

**2**

Scientific Thinking and Ad Skepticism in College and High-School Students

TESSNIM AHMAD AND TODD BAIRD

Weber State University

This study examined relations between scientific thinking, advertising skepticism, and educational factors. College students were better scientific thinkers than high-school students. Scientific thinking increased with the number of psychology courses taken and with ad skepticism. Females scored consistently lower than males in scientific thinking.

**3**

Measuring Dating Preference for Asian Americans Versus White Americans

THAI INTARAKAMHANG

Metropolitan State College of Denver

In a survey of dating preferences, both male and female students (N = 80) from a large urban college showed a significant preference for white Americans as potential dating partners over other races, but especially over Asian Americans.

Faculty Sponsor: Dr. Lesley Hathorn

**4**

Kill the Indian, Save the Man: Native American Historical Trauma in College Populations

NOEL ALTAHA AND SUE KRAUS

Fort Lewis College

This study examined the effects of historical trauma in Native American college students. Surveys measured depression, anxiety, resilience, feelings/thoughts/behaviors towards oneself/others, and historical loss. Students who experience historical loss have higher levels of depression, anxiety, and negative feelings toward oneself and less resilience.

**5**

Profile of First-Generation College Students within a Hispanic-Serving Institution

TUCKER JONES AND LAURA HOPKINS

Adams State College

The differences between First-Generation college students (FGS) and Continuing-Generation college students (CGS) were examined. One hundred and eighty-four students participated and were asked to self-identify as either FGS or CGS. Students who self-identified as being FGS also reported lower GPAs than students who self-identified as CGS.

Faculty Sponsor: Dr. Leslie Alvarez

**6**

Negative Emotional and Behavioral Consequences of Texting

NICK MARSING, ANALISE BARKER, AND DANI STAPLES

Snow College

Social media has been found to have a near-addictive hold on college students. Surveys were administered to over 1800 college and high school students to expand such findings to the use of text messaging. An overwhelming majority reported anxious/depressive symptomology when deprived of the ability to text.





32

## **Education/Health/Community/Religion/ Diversity/ IO/Sports Posters (cont.)**

7

Body Image Ideals Influenced by Prime-Time Television  
ANALISE BARKER, MATTHEW COFFIN, TIFFANY HARRIS, AND JON COLE  
Snow College  
The effects of body image ideals by prime-time television shows were examined. Ninety students will be surveyed to see if television shows that target body image have an effect on how they make food choices. We predict that after watching the television shows, students will be more likely to make healthy food choices.  
Faculty Sponsor: Dr. Nick Marsing

8

Student Funding with Relation to Academic Success  
JAXON MILLS, NATHAN FILLMORE, AND AMBER EKSTROM  
Snow College  
Students' success in college may be related to the type of funding which they are receiving. Loans, grants, veteran benefits, work-study, and parental finance will all have different effects on students. A survey will be conducted to identify which methods of student funding have the best results on student academic success.  
Faculty Sponsor: Dr. Nick Marsing

9

Determinants of Support for Gay Rights Issues among a Population of Utah College Students  
JULIE CARTER, LEVIE JONES, CONNIE GREYSON, AND NICK MARSING  
Snow College  
Support for gay rights issues was examined in a religious, conservative, rural college population. Students were administered questionnaires ascertaining the effect close GLBTQ associations had on their opinions. Results were anticipated to demonstrate slight moderation of opposition to these issues.

10

The Subjective Placebo Effect: A Structural Equation Model  
CHARLES E. SEPERS JR.  
University of Nebraska at Kearney  
The psychological constructs that underpin the placebo effect as a bona fide treatment remain largely untested. The current research examines the mediating relationship of conscious expectations between past and predicted success, personality, and anxiety on self-reported, subjective outcomes during a sham appetite-suppression treatment.  
Faculty Sponsor: Dr. Richard Miller

11

Symbols and Mathematics: Adolescent and Adult Understanding of the<sup>33</sup> Equal Sign  
AMANDA-JEAN FOCHS  
Weber State University  
Middle school and college students in Algebra I completed an equivalency understanding questionnaire and their performance was categorized on a four-level scale. The results are discussed in terms of the acquisition of equivalency understanding and whether the same mathematical teaching practices should be used for adolescent and adult learners.  
Faculty Sponsor: Dr. Eric Amsel

12

LGBT Students' Perceptions of Safety in School and the Role of Gay-Straight Alliances  
RACHEL PETERSON, CAMILLE ODELL, JOSHUA COOPER, TAYLOR STROSHINE, AND JAMISON FARGO  
Utah State University  
LGBT students often feel unsafe in school, and report being bullied more often than heterosexual, non-transgender students. The current study explored feelings of school safety in LGBT students in Utah schools, and examined the effect of gay-straight alliances on frequency of hearing discriminatory remarks and overall school climate.



13

Preservice Teachers' Self Efficacy and Knowledge of Emotional and Behavioral Disorders  
SHANI SHILLINGFORD AND NANCY J KARLIN  
University of Northern Colorado  
Preservice teachers' self-efficacy and their knowledge of Emotional and Behavioral Disorders (EBD) were examined. Preservice teachers indicated their ability to identify and work with students with EBD. Participants had higher efficacy in instructional strategies than student engagement, and field experience and coursework had no impact on their self-efficacy.

14

Work-Family Commitment Conflicts: Male Doctoral Students' Perspectives  
CARLIE D. TROTT, ANDREW OGLE, JEREMY KANG, EMILY BECKMAN, LAUREN MILLARD, JOSHUA IHNEN, AND SILVIA SARA CANETTO  
Colorado State University  
Work-family commitment conflicts have been identified as impacting participation rates in STEM careers. Seven married male doctoral STEM students were interviewed. Their perspectives on work-family commitment conflicts were identified, including enhancing factors where family benefitted career and challenging factors where competing time commands impeded work-family integration.

## Education/Health/Community/Religion/ Diversity/ IO/Sports Posters (cont.)

15

Factors Influencing College Students' Physical Activity and Weight Status  
CRYSTAL MITCHELL-NOTHUS, TYLER FARROBA, JORDAN SLAVIN,  
AND ANDREA ERICKSEN

San Juan College

Healthy weight maintenance and physical activity are related to overall health status and reduced risk for obesity-related illness. The aim of the current study is to explore the influence of cultural identification, self-efficacy, and resilience on diverse college students' health. Findings will be discussed from theoretical and applied perspectives.

16

Psychometric Properties of the Test Anxiety Scale for Children in a Mexican-American Sample  
SYLVIA Z. RAMIREZ<sup>1</sup>, SACHIN JAIN<sup>2</sup>, LEILA L. FLORES-TORRES<sup>1</sup>, ROXANNA PEREZ<sup>3</sup>, AND PETER L. KRANZ<sup>1</sup>

<sup>1</sup>University of Texas-Pan American; <sup>2</sup>Oakland University; <sup>3</sup>Dallas Independent School District  
The study provides preliminary evidence of adequate reliability and validity of the Test Anxiety Scale for Children (TASC) for use with Mexican-American children. In addition to the TASC, concurrent and divergent validity measures that were administered to 57 Hispanic students in South Texas included self-esteem, anxiety, depression, and reading ability.



17

Increased Knowledge and Personal Goals Achieved by Youth Participating in a Multicultural Integrated Kidney Education Program

SUSAN LI, NICHOLE SAGE, AND CHERYL NEAL

Pacific University and Multicultural Integrated Kidney Education Program

This study investigated positive effects of a Multicultural Integrated Kidney Education Program (MIKE Program) for youth at-risk for chronic kidney disease (CKD). Youth participating in MIKE Program demonstrated increased knowledge of kidney disease, anatomy and function at post-test, and successfully met personal goals to learn how to avoid CKD.

18

Caregiver Satisfaction with Children's Publicly Funded Mental Health Services

MARISA BLACK, SUSAN TINSLEY LI, AND L. KRIS GOWEN

Pacific University

The role of expectation in caregiver satisfaction with children's mental health treatment was examined. The Youth Services Survey for Families (YSSR) was administered to 1268 child caregivers in the state of Oregon. Having an expectation regarding treatment and perceiving fulfillment of that expectation was significantly related to satisfaction with outcome.

19

BMI and Subjective Measures of Self-Perception and Media Influence  
YOLANDA SANDERS, ERIKA DERKAS, MAURA PILOTTI, EDWARD GENTZ, AND TYLER BRODERICK

New Mexico Highlands University

The present study examined the relationship between Body Mass Index (BMI) and subjective measures of self-perception and media influence in college students. Although BMI predicted perceived body size in both sexes, it predicted ideal body size and media exposure in females and body dissatisfaction in males.



20

Self-Directed CBT May Not Be Effective for College Students

ALEX NORTH, PAMELA DAHLE, THOMAS DALBECK, PAUL GARN, KEVIN LEATHAM, AMMON MATTHEWS, MATTHEW NEARENTS, AND ISAAC VAZQUEZ

Brigham Young University-Idaho

The purpose of this study was to test a Cognitive Behavioral Therapy (CBT) intervention for college students delivered through the Internet. A total of 29 students participated in the study in an experimental and control group. Independent samples t-tests found no significant difference between the groups throughout the study.

Faculty Sponsor: Dr. Eric Gee

21

Different Strokes for Different Folks: Differences in Perceptions of Female and Male Masturbators

BARBARA HUNTER<sup>1</sup>, KAITLIN PORTZ<sup>1</sup>, JOSHUA FARMER<sup>1</sup> AND BRENNAN PETERS<sup>2</sup>

<sup>1</sup>Southwestern Illinois College, <sup>2</sup>Loyola University New Orleans  
Previous research has found sex similarities in masturbatory behavior and attitudes toward masturbation. The present study looks at perceptions of men versus women who masturbate and finds significant differences. Additionally, terms for female masturbation are less prevalent in our culture than terms for male masturbation.

**22**

Examining Aspects of Religiosity, Perfectionism, Scrupulosity, and Well-Being among Mormons

G. E. KAWIKA ALLEN, DAN REID, HILLARY FORTENBERRY, ASHLEY KELLY, KELCY ORTON, SHAY BARUFFI, AND KARYN COKER

Southern Utah University

Relationships between religiosity, perfectionism, scrupulosity, and psychological adjustment among LDS individuals were examined. One hundred and ninety students were administered inventories related to the above variables. Scrupulosity was positively linked to depression and anxiety. Maladaptive perfectionism was negatively correlated with religiosity.

**23**

Examining the Relationship Between Socioeconomic Status and Academic Achievement

CALISHA BROOKS

Tennessee State University

Student data from the National Education Longitudinal Study (NELS:88/2000) was collected and analyzed to examine whether a relationship exists between socioeconomic status and academic achievement. A Chi-Square Test revealed that low-socioeconomic students are more likely to drop out of high school than students from high-socioeconomic populations.

Faculty Sponsor: Dr. Stephen Trotter

**24**

Differences in Defensive Player Salaries in the NFL

STEVEN G. MANNING AND N. CLAYTON SILVER

University of Nevada, Las Vegas

Salaries and statistics from 788 defensive players of the NFL were obtained. Defensive ends were paid more than safeties and linebackers. African-American players were paid more than Caucasians, and those who played longer than five years made higher salaries than those who played less.

**25**

Predicting Linebacker Salaries in the NFL

N. CLAYTON SILVER AND STEVEN G. MANNING

University of Nevada, Las Vegas

Two hundred forty-five linebackers' salaries were predicted from tackles, assists, experience, and sacks. For both African-American and Caucasians, experience contributed significantly to the equation. For African-Americans, the number of tackles also contributed significantly to the equation. Salary was moderately correlated with these four variables.

**26**

Student Perceptions of Parental Support: An Examination of Non-Cognitive Factors and Academic Achievement

AMY MELLING AND PAUL GORE

University of Utah

This study looked at the relationship between student perceptions of parental involvement and academic outcomes. Results indicated higher perceived involvement in certain areas was related to higher GPA and ACT scores, fewer absences, and increased application rates to college. Overall, parents perceived their involvement as higher than students did.

**27**

Learning Objectives and Accountability Assessments: A Benefit to Higher Education?

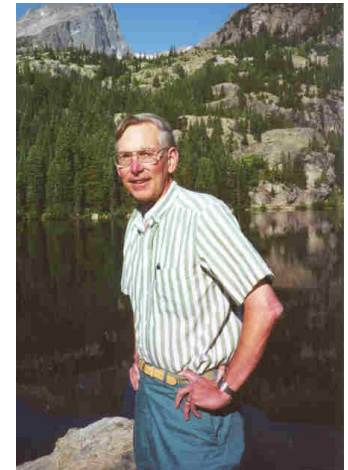
KATHLEEN NOSS, PENNIE SEIBERT, JENNIFER VALERIO, YUSTINA RAFLA, AND KIMBERLY HENDERSON

Saint Alphonsus Health Systems and Boise State University

We explored different methodologies for the evaluation of higher education. We investigated the influence of learning objectives, standardized criteria on student learning, and the recent interest towards accountability by mandated standardized testing for higher education. We tested a pre-test/post-test pilot to investigate standardized testing in an introductory psychology course.

## ***RMPA Presents a New Award The RMPA Mentor Award***

The RMPA Mentor Award is presented each year to an outstanding mentor. Last year was our first award, and the award went to Dr. Paul A. Bell of Colorado State University, who has been bringing students to RMPA for over 30 years. Congratulations Paul!



## Law/Environment Oral

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

Moderator: KRISTA FORREST, University of Nebraska at Kearney

8:00

Approaching Grizzly Bears in Yellowstone National Park: The Role of Context, Individual Differences, and Decision-Making Factors

CAMILLE B. LALASZ

University of Nevada, Reno

Approaching grizzly bears in Yellowstone National Park was investigated. Results indicate that sensation seeking and decision-making factors (i.e., attitudes, norms, behavioral control, past behavior) positively predict approach intention. Further, the animal's behavior matters; intention was greater for a calm bear than an alert/agitated bear.

Faculty Sponsor: Dr. Daniel J. Weigel



8:15

The Value of Nature and the Outdoors in Child Care Settings

KRISTA L GURKO, PETER G TAUBER, AND ANN M. BERGHOUT AUSTIN  
Utah State University

This study examined the importance for parents (N = 41) of various features of childcare settings for young children. In contrast to research and government accrediting agencies, parents do not highly value exposure to nature or outdoor environments compared to indoor environments. Implications of these findings are discussed.

8:30

Religious Characteristics are Related to Legal Attitudes and Processes in Capital Trials

JULIANNA C. CHOMOS AND MONICA K. MILLER

University of Nevada, Reno

The relationship between religious characteristics and capital juror decision-making was examined. Two hundred thirty-five students read a trial summary and completed scales pertaining to religious characteristics, verdict, death penalty support, and other decision-making factors. Results show that religious variables are related to death qualification status, attitudes toward the death penalty, and verdicts.

8:45

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

WILLIAM DOUGLAS WOODY<sup>1</sup>, KRISTA D. FORREST<sup>2</sup>, JOSHUA M. STEWART<sup>1</sup>, KARLEE PROVENZA<sup>1</sup>, SKYE A WOESTEHOFF<sup>3</sup>, ALEXIS T. WALKER<sup>4</sup>, CHRISTOPHER SHERIDAN<sup>1</sup>, CHRISTOPHER LYSLO<sup>1</sup>, JOSEPH TAMAYO<sup>1</sup>, AND KAITLYN EVANS<sup>1</sup>

<sup>1</sup>University of Northern Colorado; <sup>2</sup>University of Nebraska, Kearney;

<sup>3</sup>University of Texas, El Paso; <sup>4</sup>Millersville University

We evaluated juries' verdicts and individual jurors' pre- and post-deliberation decisions in a case involving false-evidence ploys within police interrogations. Police deception shaped jurors' decisions and several aspects of their perceptions of the trial. We discuss implications of these findings for attorneys, expert witnesses, and police interrogators.

## Teaching Oral 1

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

Moderator: LISA KINDLEBERGER HAGAN, Metropolitan State College of Denver

8:00

The Undergraduate Teaching Assistantship: A Win-Win Situation for Both Faculty and Students.

VANESSA FARRERA, REILEY ALTENBORG, TRELAWNEY COPLEY-SMITH, KATHERINE MILLER, PEIMON POURRIHI, ARIANA OPPENGARD, AHSHA HAZEN, VICTOR BEDFORD, ALICIA BURTARD, KAYLA SCHLOTE, YESSENIA SILVA, AND CHERYL SANDERS

Metropolitan State College of Denver

The Teaching of Psychology program at Metropolitan State College of Denver is a unique course allowing undergraduate Psychology students to serve as teaching assistants. This course not only provides advanced students with the opportunity to take on various teaching responsibilities at the college level, but also provides career development resources and direction. Students and faculty will share their experiences and provide information on the framework of this program.

8:15

Teaching Assistantships and Teacher Training for Undergraduate and Graduate Students: The Early Development of Psychology Instructors

DAVID SWACKHAMER AND JENNIFER G. COLEMAN

Western New Mexico University

Preparing to teach psychology requires more than knowledge of the field; a strong basis in teaching skills and experiences is beneficial to anyone entering the profession. The value of teaching experiences at the undergraduate and Master degree level are explored through case study, qualitative and quantitative research.

## Teaching Oral 1 (cont.)

8:30

Critically Exploring the Use of Teaching Assistants for Introductory Psychology Classes at a Community College

HOWARD INGLE, KAREN KWAN, AND SHANNON FLYNT

Salt Lake Community College

We will present information that examines the positive and negative effects that students experience as teaching assistants at the Community College level. The topics of mentoring, ethics, learning goals and outcomes, and how the experience of being a teaching assistant impacts students in their futures in the field of psychology and academia will be discussed.

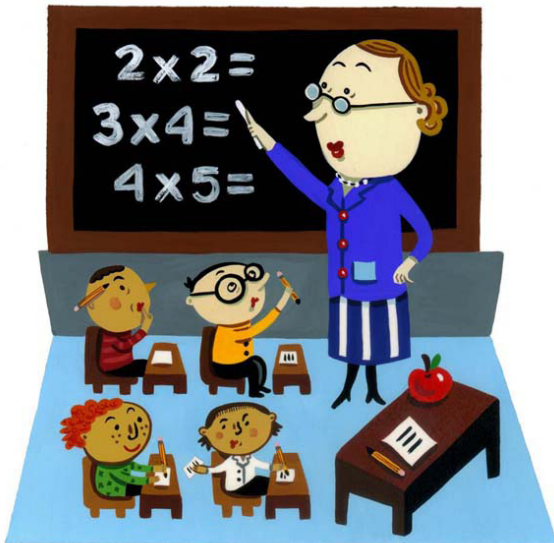
8:45

Preparing to Collaborate and Advocate: Evolution of Training Partnerships

SHAYNA BRODY WHITEHOUSE, LESA SCHIRMACHER, KIRSTEN BROWN, KARIN DITTRICK-NATHAN, AND MARCY WILLARD

University of Denver

Participants will gain an understanding of the evolution and data-based outcomes of the university based collaborative training model and its implementation across multiple partner school settings to target the goals of training future psychologists and children's well-being. Case examples will demonstrate collaboration, intervention, and advocacy.



## Ellis-Battig Memory Symposium 41

### Working with Memory: Behavioral and Neurostimulation Studies of Visual Working Memory from UNR

Friday, 8:30 – 10:10 am

Naples 3

Moderator: AARON S. RICHMOND, Metro State College of Denver

Approaching Memory from Different Angles

MARIAN E. BERRYHILL

The Memory and Brain Lab at the University of Nevada approaches memory using multiple research techniques: neuropsychology, neurostimulation, behavioral studies and eye tracking. Here, I provide an overview of the research questions we are currently investigating and the rationale for using diverse experimental approaches.

Benefits of Gestalt Principles of Grouping for Visual Working Memory

DWIGHT J. PETERSON, MEGAN A. TILLMAN, AND MARIAN E. BERRYHILL

The role of Gestalt principles of grouping in perception is well established. The extent to which these principles are instantiated in visual working memory (VWM), however, requires further inquiry. In these experiments we displayed stimuli grouped according to several Gestalt principles and found that such grouping can facilitate VWM performance.

An Inch or a Mile: Internal Attention Requires a Quantal Amount of Time to Shift

RYAN T. TANOUE

Both pre- and retro-cues were utilized to determine whether shifts of internal attention differ from perceptual attention. Shifts of perceptual attention were modulated by distance. Surprisingly, internal attention was not affected by object eccentricity, indicating that shifts of internal attention are “all or nothing” in nature.

Faculty Sponsor: Dr. Marian E. Berryhill

How Does Caffeine Impact Working Memory Performance in Extraverts and Introverts?

JACLYN JANSEN, GABRIELLA DIMOTSANTOS, AND MARIAN E. BERRYHILL

Caffeine is a widely consumed stimulant with poorly understood cognitive effects. Some work shows that caffeine augments working memory (WM) in extroverts. Here, we report that caffeine inhibits WM performance in introverts. These data extend our understanding of the interaction between individual differences and cognitive performance.

## Social/Environmental Posters

Poster Session, Friday, 9:10-10:10 am, Naples 7

**1**

Following the Herd or the Lone Maverick: Testing Messages to Increase Recycling Behavior on Campus

KIMBERLY MARTIN

Colorado Mesa University

The impact of minority and majority messages to encourage recycling behavior through social norms was examined. Majority messages specific to the residence hall setting are the most successful but a minority message that appeals to nonconformist ideals may also have a positive influence on recycling in this population.

Faculty Sponsor: Dr. Susan E. Becker

**2**

The Social Cognitive Influence of Sexualized Television Content

ERIC PEARSON, KRIS TRIMBLE, AND MATTHEW LESCROART

Colorado Mesa University

Sexualized television content is hypothesized to prime sexual thinking, including attitudes toward sex, ratings of attractiveness, and willingness to engage in risky sexual behavior. Using an experimental design we compared sexualized, violent, and neutral television content. Differential responses of male and female participants are reported.

Faculty Sponsor: Dr. Susan Becker

**3**

Predicting Fear of Negative Evaluation from Eating Attitude

N. CLAYTON SILVER AND JEANNINE KLEIN

University of Nevada, Las Vegas

A sample of 568 undergraduate students completed the brief Fear of Negative Evaluation Scale and the Eating Attitudes Test. The overall model was statistically significant. Diet and Oral Control were the most important predictors. Differences between sexes and ethnicities will be addressed.

**4**

Predicting Fear of Negative Evaluation from the Internet Related Problem Scale

JEANNINE E. KLEIN AND N. CLAYTON SILVER

University of Nevada, Las Vegas

A sample of 568 undergraduate students completed the brief Fear of Negative Evaluation Scale and the Internet Problem Related Scale. In general, fear of negative evaluation was significantly predicted from the six factors of the IRPS. Specifically, productivity was the most important predictor. For Hispanics, however, lack of control was the most important predictor.

**5**

Jerks, Jocks, Jokers and Geeks: Predictors of Romantic Preference in Women

BARBARA HUNTER<sup>1</sup>, JOSHUA FARMER<sup>1</sup>, KAITLIN PORTZ<sup>1</sup>, AND BRENNAN PETERS<sup>2</sup>

<sup>1</sup>Southwestern Illinois College, <sup>2</sup>Loyola University New Orleans

The present study examined personality characteristics and family history as predictors of preferences for romantic type. The results lend strong support to the Similarity/Attraction theory. Participants preferred types that reflected their own personality types and family dynamics.

**6**

Attitudes of Peace and Reconciliation from Botswana and US Students

MAHLON DALLEY, ALLISON PAPARELLA, JENNIFER HEINECKE, JASON MCALLISTER, MICHAEL JONES, ELIZABETH DAVILA, AND ADRIANNE BEASLEY

Eastern Washington University

Botswana and US students completed the PAIRTAPS. Botswana male students agreed more than others that children have the right to grow up in a world of peace. Botswana students also agreed more than US students that human beings have a right to peace and that an apology can improve reconciliation.

**7**

Preoccupied Attachment and the Need to Belong

PO SEN CHU

Western New Mexico University

The relationships between preoccupied attachment style, need to belong, and perceived discrimination will be examined. We hypothesize that female participants who are motivated to be accepted by a deceptive male participant will have lower perceived discrimination but not for those with higher preoccupied attachment style.

**8**

Current Experiences, Past Experiences, and the Human Connection to Nature

PETER G. TAUBER

Utah State University

Previous work has identified a deep human need to affiliate with nature. College students (N = 184) completed a survey describing their sentiments of connectedness to nature (CTN), their current experiences, and childhood experiences. Significant correlations were found between current experiences, childhood experiences, and CTN.

Faculty Sponsor: Dr. Gayle Morse



**9**

College Students' Attitudes Toward Interracial Couples  
ARIEL PREVETT AND JESSICA MCIVER  
Southwestern College

This study explores the attitudes college students from a small college in the Midwest hold toward interracial dating. Variables were chosen based on the contact hypothesis. Participants were asked to rate attitudes towards various interracial couples. Results showed familial influence, previous contact, and location of hometown impacted the participants' opinions.

Faculty Sponsor: Dr. Hannah Lann-Wolcott

**10**

Sustainability: A Behavioral Approach to Addressing Environmental Issues

WILLIAM BARBER, MAXWELL CRINO, BLAKE TODD, ALISON BELL, KATELYNN HALL, AND SCOTT COHN  
Western State College of Colorado

In recent studies waste auditing procedures were used to provide quantitative endpoints in sustainability research related to enhancing ongoing waste diversion efforts. This quantitative analysis permits these enhancements to be measured in both psychological and economic terms. This study focused on replicating these results in a novel academic setting.

**11**

The Effects of Double Stigma on the Evaluation of Job Applicants  
REBECCA MECHAM AND AZENETT GARZA

Weber State University

Double stigma, as defined in this study is: the stigma associated with having a mental illness diagnosis and belonging to an ethnic minority group. This study examined how stigmatized conditions, when made salient, influence the evaluation of job applicants. Results will be discussed.

**12**

Anticipation, Empathy and the Spotlight Effect

JESSICA PERSING-TODD, SARAH ROWAN, KELLY PARKER, BIANCA HOLLEY, SARAH LIEBERENZ, SENECA WIDVEY, JAMES JACKSON, AND LYDIA TOMLINSON

Metropolitan State College of Denver

Does public speaking cause one to focus on the self or empathize with others going through the same ordeal? We explored the effect of anticipating public speaking on performance evaluations of other speakers. Preliminary analyses found that speakers judged other speakers less harshly than non-speakers.

Faculty Sponsor: Dr. Chad Mortensen

**13**

Decision Making When Risk is Involved: Immediate Versus Future Consequences and the Effects of Questioning Method  
DANIELLE GONZALEZ AND REBECCA BETJEMANN  
Regis University

This study explores the field of decision making and how people evaluate risk. Participants rated higher likelihood of risky behavior when consequences were in the future, as opposed to immediate. Participants also reported higher likelihood of risky behavior when responding orally to the researcher, compared to those who answered privately.

**14**

The Effect of Facebook on Self-Esteem and Social Support Networks in College Students

ERIC ZITTEL

Metropolitan State College of Denver

The project determined a relationship between self-esteem, perceived social support and Facebook usage patterns. A correlational analysis was performed on surveys collected from 174 subjects. Results of the study showed significant correlations between the number of Facebook friends a person has and both self-esteem and perceived social support.

Faculty Sponsor: Dr. Martin Lanik

**15**

Predicting Planning Behaviors for HIV Prevention: The Moderation Effects of Erotophobia, Alcohol Use, and Self-Esteem in the Information-Motivation-Behavioral Skills Model

LINDSEY C. HARKABUS, JAMIE PUNTENNEY, AND JENNIFER J. HARMAN

Colorado State University

This study used the Information Motivation Behavioral skills model as a framework to investigate HIV risk behaviors among young adults. This study also examined the moderating effects of erotophobia, self-esteem, and alcohol use variables on the relation between IMB model predictors and HIV-preventive behaviors.

**16**

Need For Cognition: Views and Attitudes Towards Homosexuality  
DONALD VERGO

Metropolitan State College of Denver

The relationship between need for cognition and homophobia has not been examined before, but there is reason to believe there is a negative correlation between the two variables. However, the results of this study show a significant positive correlation. Future research should examine this relationship further.

Faculty Sponsor: Dr. Anna Ropp

**17**

The Random Affect Misattribution Procedure Allows Simultaneous Explicit and Implicit Measures

SHAUNA MOODY, ASHLEY SHEMERY, NOELLE MCCONNELL, AND WINFORD GORDON

Western Carolina University

The Random Affect Misattribution Procedure (RAMP), a variation of the AMP, captures both an explicit and implicit rating of an image in the same test. This procedure both supports the theoretical assumptions underlying the original AMP and offers a new tool for simultaneous explicit and implicit measurement of attitude.

**18**

Measuring Attention Recovery in Real Time across Various Environments

ASHLEY SHEMERY, NOELLE MCCONNELL, MATT HALLIDAY, AND WINFORD GORDON

Western Carolina University

Participants' attention was fatigued and then measured after a 15-minute walk in natural versus indoor environments. The restorative effect of nature was not seen in this study. It is possible that the participants did not see the forest trail as a restorative environment and did not experience a recovery of attention.

**19**

Gender Differences in Superhero Characters' Roles, Appearances, and Violence as Portrayed in Superhero Movies

JESSICA A. RAUCH AND MONICA K. MILLER

University of Nevada, Reno

This content analysis of superhero movies analyzed differences in gender roles, appearance, and violence. Males were more likely to appear as the main character, use more weapons, have more abilities, and be more muscular and powerful. Females were more likely to appear attractive, sexy, thin, and wear more revealing clothing.

**20**

Stressful Life Events, Religious Coping, and Psychological Distress

MICHAEL J. DOANE AND MARTA ELLIOTT

University of Nevada, Reno

The effects of stressful life events and religious coping on psychological distress are examined. To further current research, we use data from the National Comorbidity Survey to test whether the effect of religious coping on psychological distress depends on the type of stressful event individual's experience.

**21**

Terror Management Theory and The Commons Dilemma

RYAN OWENS, JAKE DENISON, AND BRITTON MACE

Southern Utah University

Mortality salience produces anxiety-laden thoughts, which are countered by employing psychological buffers. One hundred twenty undergraduates participated in a commons dilemma simulation, half with mortality being salient. Results indicate the terror associated with death preserves the commons longer.

**22**

Correlation Between Facebook Profile Pictures and Posts

NICK MARSING, BROOKELYN MAYLETT, CASSIE DAVIS, DAKOTA

ANDERSON, AND RICKIE IVORY

Snow College

In the present study, we are testing to see if Facebook profile pictures can influence what people will post. About 50 students will be tracked, and their posts will be documented into different categories of positive attention, positive non-attention, negative attention, negative non-attention, non-important, and inside posts. Results will be discussed.

**23**

Cartoon Creep

NICK MARSING, MANDY REES, TAYLOR ANDERSON, AND LAVEDA

MCINELLY

Snow College

The intent of the research was to find if there has been an increase of adult content and images in cartoons and if it has a positive correlation with the increase of similar content in other rated shows. Developmental stages were taken into consideration.

**24**

A Meta-Analysis of Criminal Portrayals, Program Intensity, and the Mythology of the Middle Class

NICK MARSING, CHANDLER OLSEN, TAMARA PETERSON, AND MEGAN HUNT

Snow College

The present study examines how criminals' social classes are portrayed in popular crime related programming. We anticipate a confirmation of the racial and social inequality in the portrayal of criminals in popular TV programming.

**25**

Measurement of Perceived Risk of Self-Disclosure

NICOLE P. FISHER

Westminster College

A measurement for self-disclosure and risk was developed and tested. A preliminary sample of 28 students were administered an online version of the measurement, asking to rate the risk of disclosing topic information. Results show that the SDRQ appears to be a reliable measure.

Faculty Sponsor: Dr. Seong-In Choi



## Social/Environmental Posters (cont.)

26

Assessing Risk in Infidelity Conducive Situations  
 CAMILLE B. LALASZ, VICTORIA SPRINGER, AND DANIEL J. WEIGEL  
 University of Nevada, Reno

Risk assessments in the performance of sexual infidelity behaviors were investigated. Results suggest that individuals assess a high degree of risk in these behaviors. Further, risk assessments were higher for those with negative attitudes and lower perceived norms regarding the behavior and for those who are lower in sensation seeking.

27

Emotion and Perceived Reality in Non-Goal Based Reality Television  
 SARA TORREZ

Metropolitan State College of Denver

Three aspects of perceived realism, emotion, and behavioral effects of non-goal based reality (e.g., Jersey Shore) and goal-based (e.g., Top Chef) reality television were investigated. Participants found goal-based shows to be more realistic, and experienced more negative emotional outcomes after watching non-goal based shows.

Faculty Sponsor: Dr. Lesley Hathorn

### RMPA WORKSHOP

#### Using Therapeutic Metaphors to Facilitate Interpersonal Process Therapy with Men

*Friday, 9:10 - 10:10 am*

*Naples 1*

Presenters:

MATTHEW C. GENUCHI, Boise State University  
 AND BRIAN HOPPER, University of Idaho

Traditional men are likely to be presented with specific challenges in psychotherapy. Multiple aspects of the masculine socialization process result in interpersonal and emotional difficulties for men. This workshop is focused on using metaphors with men as a means of discussing interpersonal concerns and the emotional distress associated with these concerns.

## Psi Chi Distinguished Lecture

*If We Know Sleep is So Important,  
 Why Do We Get So Little of It?*

RICHARD BOOTZIN

University of Arizona



*Friday, 9:10 – 10:10 am*

*Sorrento 3 and 4*

Moderator: SUSAN E. BECKER, Colorado Mesa University

Good quality sleep is intricately entwined with our health, sense of well-being, productivity, emotion regulation, memory and cognitive functioning, and positive social interaction. Yet, the stresses of daily life, 24-hour businesses, sleep-disrupting technology such as instant messaging, late-night TV, computer gaming, and social networks put pressure on sleep leading to sleep deprivation and the development of insomnia. A developmental perspective underscores the conclusion that persistent sleep disturbance at any time during the life span from infancy to old age has a lasting impact. Dr. Bootzin will provide vivid illustrations of the paradox we face and explore how we can live our lives in the 21st century without destroying our sleep and all that it affects.



## RMPA Distinguished Lecture

### Mistaken Eyewitness Identification: Using Psychological Science to Understand and Improve Eyewitness Identification Evidence

**GARY WELLS**

Iowa State University

*Friday 10:20 – 11:20 am  
Naples 6*



Moderator: WILLIAM DOUGLAS WOODY,  
University of Northern Colorado

The justice system has only recently given serious consideration to the vagaries of eyewitness identification evidence. The attention has been driven primarily by forensic DNA testing that has resulted in exonerations of people who were convicted by juries. Over 75% of these cases of conviction of the innocent are cases of mistaken identification. Programmatic lab studies in psychology, however have been studying the problem for nearly 40 years, which has resulted in the justice system turning to scientific psychology for an understanding and possible solutions to the problem. This talk will review the DNA exoneration pattern related to mistaken identifications, discuss the major findings from lab studies that clarify the processes underlying mistaken identification, and describe the recommendations for how to improve eyewitness identification evidence. A recent experiment that used actual witnesses to serious crimes shows corroboration for lab experiments. Finally, the impact of this line of work will be described in terms of police jurisdictions across the U.S. that have adopted the recommendations from psychological science.

## Neuropsych Oral

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

Moderator: MAURA PILOTTI, New Mexico Highlands University

10:20

Validity of Brief Emotion, Physical Health, and Timed Performance Measures

JENNIFER WINEBERG, KAJA RACZYNSKA, J. MILES, BRIANA PARSONS, AND LAURA CAPASSO

University of Wyoming/Casper College

Brief measures of stress, anxiety, physical health, depression, and timed neuropsychological performance tests were correlated to assess their validity. Participants were 109 college students who completed the Stroop Test, Trails A and B, PSS, GAD-7, PHQ-15, and PHQ-9. Results suggest these brief screening measures have adequate convergent and divergent validity.

Faculty Sponsor: Dr. Shawn Powell

10:35

The Complex Concomitant Relationship Shared by Chronic Pain and Sleep Disorders

JESSICA COPELAND, PENNIE SEIBERT, JENNIFER VALERIO, YUSTINA RAFLA, FRED GRIMSLEY, AND CHRISTIAN ZIMMERMAN

Saint Alphonsus Health System and Boise State University

An estimated 20% of the world's population suffers from chronic pain (CP) and 25% experience sleep disturbances. The concomitance of CP and sleep disorders (SD) negatively impact general health and well-being. Analysis of participants with SDs revealed that participants who experienced CP had greater prevalence of negative health symptoms.

10:50

Illuminating the Comorbidity of Sleep Disorders and Cardiovascular Disease

JENNIFER VALERIO, PENNIE SEIBERT, YUSTINA RAFLA, FRED GRIMSLEY, AND STEVEN WRITER

Saint Alphonsus Health System and Boise State University

Cardiovascular disease (CD) is a leading cause of death, while sleep disorders (SD) affect an estimated 30% of the world's population. Both are intimately related to quality of life, and the comorbidity appears to influence the progression of CD. This relationship needs to be examined to enhance treatment and well-being.



## Social 1 Oral

Oral Paper Session, Friday, 10:20 – 11:20 am, Naples 2

Moderator: BRITTON MACE, Southern Utah University

10:20

Effects of Conversational Partner Familiarity in Deaf Humans

AMANDA C. DAVIS

Central Washington University

Many factors can influence the exchange of information between individuals; one factor being familiarity of the conversational partner. Eight deaf humans were videotaped interacting with familiar and unfamiliar signing partners. Results showed that participants signed slower and reiterated signs more often when interacting with an unfamiliar partner.

Faculty Sponsor: Dr. Mary Lee Jensvold

10:35

The Interactive Effects of Time Perspective and Organizational Cynicism on Organizational Commitment

JONATHAN WORTHEY<sup>1</sup>, J. JACOB YOTTER<sup>1</sup>, JOSEPH M. GOODMAN<sup>1</sup>, AND GRANT C. CORSER<sup>2</sup>

<sup>1</sup>Illinois State University and <sup>2</sup>Southern Utah University

Organizational commitment is essential to a firm's success. Past studies support a negative relationship between future time perspective and commitment. Recently, research has supported several moderating variables for this relationship. The current study tests organizational cynicism as a moderator. Data support a moderating effect on affective and continuance commitment.

10:50

Mitigating the Backfire Effect with Self-Affirmation

SARAH ROWAN AND CHAD MORTENSEN

Metropolitan State College of Denver

Nyhan and Reifler (2010) reported a "backfire effect" wherein corrections to political misinformation increased misperceptions in some ideological groups. We replicated their study and investigated whether engagement in self-affirmation prior to reading corrections would mitigate the effect. Data were collected for 51 participants. Results will be discussed.

11:05

Authoritarian Personality Moderates the Deleterious Effects of Ostracism

MICHAEL J. WILLIAMS AND DEBORAH DAVIS

University of Nevada, Reno

Ostracism threatens four social needs: self-esteem, belonging, sense of control, and sense of meaningful existence (Williams, 2009). Until now, no personality trait has been found to moderate those deleterious effects. This study uncovered the first such trait, ironically, one that—at least in the extreme—is often considered undesirable: authoritarianism.

## Psi Chi Student Conversation Hour

with

**Dr. Richard Bootzin**

University of Arizona

*Friday, 10:20-11:20 am*

*Naples 4*

Moderators: LESLIE CRAMBLET ALVAREZ, Adams State College and SUSAN BECKER, Colorado Mesa University

## LUNCH BREAK FROM 11:30 - 1:00 PM

## PSI CHI

## Advisors Appreciation Lunch

## Special Guest: Dr. Richard Bootzin Invitation-Only Event

*Friday, 11:30 am - 1:00 pm*

*Sorrento 2*

HOST:  
SUSAN E.  
BECKER,  
ROCKY MOUNTAIN  
REGION VICE  
PRESIDENT



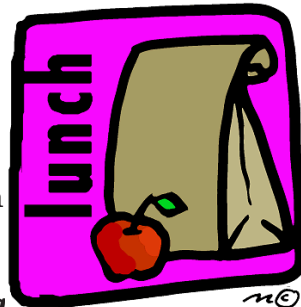
## **RMPA DIVERSITY COUNCIL LUNCHEON**

*Conversation Hour with Dr. James (Jim) Loewen-  
Diversity Keynote Speaker*

*Friday, 11:30 am to 1:00 pm Room 1747*

HOST: Dr. Layton Seth Curl, Metro State College of Denver

Come share some food and visit with our guest speaker, Dr. James (Jim) Loewen, author of *Lies My Teacher Told Me*, *Lies Across America*, *Sundown Towns*, *Teaching What Really Happened*, and a forthcoming book on *Confederates and neo-Confederates*.



**Thanks to Psi Chi for co-sponsoring this event!**

## **Psi Chi Panel Discussion**

*Graduate School: Lessons Learned and  
Practical Advice for Students and Faculty*

*Friday, 1:00 – 2:00 pm Naples 4*

Panelists:

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

PETE KRANZ, University of Texas-Pan American

BRITT MACE & GARRETT STROSSER, Southern Utah University

WILLIAM WOODY, University of Northern Colorado

Presenters from a range of psychological subfields will discuss their experiences in graduate school and provide concrete teaching and learning recommendations for students and advisors.

## **APA Distinguished Scientist Lecture**

### **Self Control Failure as a Trans-disease Process: Competing Decision Systems and Their Repair**

WARREN K. BICKEL  
Virginia Tech University



*Friday, 1:00 – 2:00 pm Sorrento 3 and 4*

Moderator: RICHARD L. MILLER, University of Nebraska at Kearney

Recently a new theory has been proposed to address addiction, referred to as the Competing Neurobehavioral Decisions Systems Theory. This hypothesis specifies that addiction results from hyperactive impulsive systems (associated with the limbic and para-limbic brain regions) and hypoactive executive systems (associated with the prefrontal cortex). This provides a new conceptual system by which to examine the self-control failure of suboptimal behaviors such as addiction, gambling, obesity, risky sexual behavior, and other risky health behaviors. In this presentation, data supporting this new theory will be reviewed as well as the implications for developing new interventions and initial observations regarding these candidate therapies.

## Social 2 Oral

Oral Paper Session, Friday, 1:00 – 2:00 pm, Naples 2

Moderator: WINFORD GORDON, Western Carolina University

1:00

Combat Veterans' Experiences: Pre, During, and Post Deployment  
LINDSEY WOODY<sup>1,2</sup>, NIKOLE ROBERTOZZI<sup>1,2</sup>, AND SKYE WEAVER<sup>2</sup>  
<sup>1</sup>University of Wyoming, <sup>2</sup>Casper College

This was an exploratory, qualitative study that involved interviewing six United States military veterans. Two participants served during Desert Storm, and four served during the Global War on Terror. Information was obtained through semi-structured interviews. A grounded theory research methodology was applied to understand themes in the participants' experiences.

Faculty Sponsor: Dr. Shawn Powell

1:15

Stereotype Threat Affects Older Adult Driving Performance  
CHRISTINA FITZPATRICK, ANN E. LAMBERT, JASON M. WATSON,  
NATHAN MEDERIOS-WARD, AND DAVID L. STRAYER  
University of Utah

This study examines the effect of stereotype threat on older adult drivers. Thirty-nine older adults completed driving scenarios in a driving simulator followed by a test of working memory capacity. Stereotype threat produced longer brake reaction time and following distances in participants lower in working memory capacity.

1:30

Leading a Cyberlife in a Cyberworld: Impact on Face-to-Face Social Interactions  
LYNN H. WHITE, ASHLEY KELLY, AND STEVE T. BARNEY  
Southern Utah University

This study assessed how cyberimmersion (the extent to which someone uses and relies on computer-based forms of communication) impacts cybersocialability and face-to-face social interactions. Relationships between cyberimmersion, socialability, social anxiety, and extraversion were explored via online inventories and face-to-face interactions.

1:45

Addressing the Homosexual Lifestyle in a Heteronormative World  
KYLE CRANNEY  
Southern Utah University

The assumption that individuals are heterosexual pervades most aspects of Western society. Once an individual is perceived outside the normative heterosexual role, gender-role assumptions are often made. This study assessed the participants' perceptions of a variety of social behaviors as it relates to their own degree of heteronormativity.

Faculty Sponsor: Dr. Garrett Strosser

## Learning/Memory/Cognition Oral

Oral Paper Session, Friday, 1:00 – 2:00 pm, Naples 1

Moderator: AARON ASHLEY, Weber State University

1:00

A Study in the Differences between Chinese and American Thought Processes  
XIAOQING YAO

Southwestern College in Winfield, KS

Research on Asian and Western cultures based on the Whorf hypothesis suggest cognitive differences exist. This study explored differences in thinking between Chinese and Americans. Participants categorized objects based on similarities. Chinese categorized faster than Americans concluding that Chinese were holistic in their thinking and analytical, whereas Americans were analytical.

Faculty Sponsor: Dr. Hannah Lann-Wolcott

1:15

American College Students' Comprehension and Processing of Japanese Manga

HELENA D.DARGER, KIMBERLY BENSON, SARAH DEMILLE, WILLIAM SHELBY, DAVID W. SHWALB, AND JUN NAKAZAWA  
Southern Utah University

This study assessed American Undergraduate students comprehension of Japanese manga. Researchers administered an English translation of the Chiba Manga Comprehension Test individually to 158 students. Participants showed a lack of awareness and comprehension of Japanese manga. This was the first psychological Manga study done outside of Japan.

1:30

Problem Behavior in Kinesthetic Learners  
ROBERT ROUAULT, JOSH KIRBY, NATALIA PALACIO, AND JUDY HO  
Pepperdine University

The present investigation explores whether a relationship exists between the adoption of a kinesthetic learning style and the presence of emotional/behavioral problems. Our sample consisted of 28 at-risk 6th grade children enrolled in Santa Monica Malibu Unified School District and their caregivers.

1:45

The Testing Effect and Environment-Dependent Contextual Learning  
MARKEYA DUBBS  
University of Nebraska at Kearney

Interactions between the testing effect and context-dependent learning were investigated. Using one of two study methods, 88 participants studied a passage and later attempted to recall the information. The two sessions took place in one of four environmental combinations. The group whose conditions resembled traditional studying outperformed all.  
Faculty Sponsor: Dr. William Wozniak

## RMPA DIVERSITY COUNCIL KEYNOTE ADDRESS

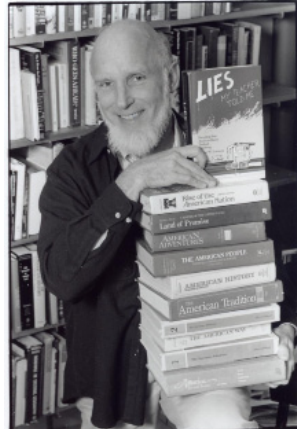
*In the Age of Obama,  
Is America a Post-Racial Society?*

**JAMES (JIM) W. LOEWEN**  
University of Vermont

**Friday 2:10 - 3:10 pm**  
**Naples 6**

Moderator: LAYTON SETH CURL,  
Metropolitan State College of Denver

Dr. Loewen taught race relations for twenty years at the University of Vermont. His gripping retelling of American history as it should, and could, be taught, *Lies My Teacher Told Me*, has sold more than 1,250,000 copies and continues to inspire K-16 teachers to get students to challenge, rather than memorize, their textbooks. He has been an expert witness in more than 50 civil rights, voting rights, and employment cases. His awards include the First Annual Spivack Award of the American Sociological Association for "sociological research applied to the field of intergroup relations," the American Book Award (for *Lies My Teacher Told Me*), and the Oliver Cromwell Cox Award for Distinguished Anti-Racist Scholarship. He is also Distinguished Lecturer for the Organization of American Historians, Visiting Professor of Sociology at Catholic University in Washington, DC, and Visiting Professor of African-American Studies at the University of Illinois in Urbana/Champaign.



***Thanks to Psi Chi for co-sponsoring this event!***

## Memory Oral

Oral Paper Session, Friday, 2:10 – 2:55 pm, Naples 1

Moderator: LESLEY HATHORN, Metropolitan State College of Denver

2:10

The Production Effect Explored

AARON T. FLETCHER AND DAVID P. YELLS

Utah Valley University

The Production Effect was further explored. In Experiment 1, words spoken aloud were recalled better than words studied silently, replicating the fundamental Production Effect. Preliminary results of Experiments 2 and 3 indicated a similar effect using a physical gesture or the experimenter's voice as the production mechanism.

2:25

The Production Effect: Further Studies on a Memory Enhancing Phenomenon

PETER SUNDWALL AND DAVID YELLS

Utah Valley University

Three experiments evaluated the Production Effect, an effect in which pronouncing words aloud during study can result in improved memory. Experiment 1 revealed the effect in a between-subject design. Experiment 2 tested pronouncing aloud versus writing. Experiment 3 explored how a translation manipulation might influence the Production Effect.

2:40

The Effect of Remorse on Memory and Preferences

TYLER BRODERICK, MAURA PILOTTI,

TIFFANY ABEYTA, JENNIFER

BOCHENEK, JOSE GRIEGO, AND

ELIZABETH LONG

New Mexico Highlands University

How can people contend with memories of past misdeeds? The present study found that participants who remembered a misdeed they committed in the past were more likely to recall threat words and desire a cleansing product than control participants.



## RMPA WORKSHOP

### Improving the Odds (ITO): Pathways to Responsible Living

Friday, 2:10 - 3:10 pm  
Naples 2

Presenters:

HARVEY MILKMAN, TRAVIS HEATH,  
KATHERINE MILLER, AND THAI  
INTARAKAMHANG  
Metropolitan State College of Denver



Improving the Odds (ITO): Pathways to Responsible Living is an evidenced-based, seven-session, manual-guided treatment program for adults, ages 18 or older, with a history of high-risk gambling and gambling addiction. This workshop will introduce attendees to the basic tenets of the work including some specific activities and interventions used.

## RMPA LGBTQ Invited Panel

### Challenging the Myths about LGBTQ Individuals and Their Children

Friday, 3:20 – 4:20 pm  
Naples 2



Panelists:

ANNA ROPP, Metropolitan State College of Denver  
LISA BADANES, Metropolitan State College of Denver

How does having a LGBTQ parent affect a child's development? Are children of gay and lesbian parents more likely to become gay themselves? Are LGBTQ individuals less likely to stay in long-term, committed romantic relationships? Focusing on the relevant empirical research, Drs. Anna Ropp and Lisa Badanes discuss some of the myths and stereotypes surrounding lesbian, gay, bisexual, transgender, and queer individuals and their children.

## Health Psych Oral

Oral Paper Session, Friday, 3:20 – 4:20 pm, Naples 3

Moderator: TRAVIS HEATH, Metropolitan State College of Denver

3:20

The Relationship Between Optimism/Pessimism, Social Experiences, and Physical Health for College Students: A Semester in Review  
STEVE T. BARNEY, GRANT C. CORSER, AND ASHLEY J. KELLY  
Southern Utah University

Students' level of optimism/pessimism was assessed at the beginning and end of a semester. During the 15-week term, the 82 students reported on their physical health/wellness and the number and nature of social experiences they had. Results will be discussed.

3:35

Ethical Decisions on Quality of Life: A Model Examining the Decision Process

YUSTINA RAFLA, PENNIE SEIBERT, JENNIFER VALERIO, AND  
CHRISTIAN ZIMMERMAN

Saint Alphonsus Health System and Boise State University

Medical professionals and family members of those affected by illness or injury often struggle to ascertain effects of life-sustaining procedures on eventual Quality of Life (QoL). Predicting QoL potential is an extraordinarily complex process involving numerous ethical challenges. We present a model highlighting variables to guide the decision process.

3:50

Workplace Well-Being: Tips from the Field of Positive Psychology  
M. ALEXIS KARRIS

Metropolitan State College of Denver

Do you wish your work place fostered higher employee satisfaction, engagement, motivation, well-being and productivity? Positive Psychology is the scientific study of optimal human living and thriving. In this session, Dr. Karris will cover the most up-to-date Positive Psychology tips for enhanced well-being in the workplace.

4:05

Trait Mindfulness and Stress in College Students

MAKENZIE ELLSWORTH, ELLEN GOTT, JACOB MAMER, RENEE  
HOWELLS, AND MEREDITH MINEAR

The College of Idaho

Mindfulness is a state of consciousness where one pays acute attention to one's thoughts and sensations in a non-judgmental fashion. We tested the relationship between mindfulness, stress, self-esteem, hope, happiness, and forgiveness in 50 college students. Mindfulness was negatively correlated with stress and positively correlated with self-esteem, forgiveness, and hope.

**RMPA Invited Speaker**  
**Sponsored by Pearson Publishing**

*How Culture Shapes Human Development  
 From Beginning To End*

**JEFFREY ARNETT**  
 Clark University

*Friday, 3:20 – 4:20 pm*  
*Sorrento 3 and 4*



Moderator: WILLIAM DOUGLAS  
 WOODY, University of Northern  
 Colorado

Our world is an increasingly global one where we can have contact with people from all over the world through travel, economic connections, and the internet, as well as within our local communities. Consequently, understanding the cultural approach to human development is likely to be useful in all aspects of life, in helping to communicate with and understand the perspectives of others in a diverse, globalized world. Dr. Arnett will talk about the value of the cultural approach to understanding human development from the prenatal period through late adulthood.



**PSI CHI Award Winners**

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

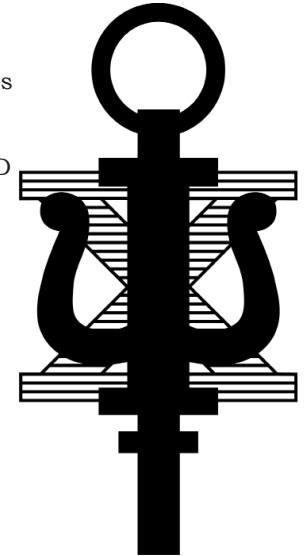
Moderators: LESLIE CRAMBLET ALVAREZ, Adams State College and  
 GIDEON CAPLOVITZ, University of Nevada Reno

4:00

Development and Psychometric Properties of a New Scale: The Self-Report Scale for Schizoid Behaviors (SRSSB)  
 PETER D. MARLE, ALISA J. ESTEY, LAURA J. FINAN, AND  
 KARENLEIGH A. OVERMANN  
 University of Colorado Colorado Springs  
 Psychometric properties of a new scale, the Self-Report Scale for Schizoid Behaviors (SRSSB), were examined. Participants (257 undergraduates) were administered inventories measuring schizoid behaviors. The SRSSB had good inter-item reliability and convergent validity with an established measure. Future research with the SRSSB is warranted.  
 Faculty Sponsor: Dr. Frederick Coolidge

4:15

Associations Between Informant Discrepancies  
 of Parenting Behaviors and Externalizing  
 Problems in Youth  
 KAT GREEN, TESSA SALISBURY, AND JARED  
 WARREN  
 Brigham Young University  
 The predictive value of parent-child  
 discrepancies of perceived parenting  
 behaviors on child externalizing problems  
 were examined. Six hundred and nineteen  
 parent-child dyads participated. Parent-  
 child discrepancies on reports of parental  
 monitoring and authoritarian parenting  
 predicted increased externalizing problems.



4:30

The Process of Cultural Identity Formation in  
 College Students  
 ANNETTE PETERS  
 University of Northern Colorado  
 The process of forming a cultural identity when belonging to different  
 cultural groups was examined at a university in the Rocky Mountain  
 region. Ten undergraduate and graduate students completed 45-minute  
 semi-structured interviews in which six themes emerged: language, race,  
 religion, cultural appreciation, education, and dominant culture.  
 Faculty Sponsor: Dr. Basilia Softas-Nall



4:45

Priming and the Brain: A Case of Unexpected Reverse Priming

HEIDI A. VULETICH

Regis University

This study examined the behavioral and neurological influences of goal-priming by priming participants for opposing goals, both individually and simultaneously. Only the positive goal had any influence on brain activity or behavior, regardless of the presence of the negative goal, but it was opposite of what was predicted.

Faculty Sponsor: Dr. Rona McCall

5:00

Psychometrics of the Imaginative Involvement Questionnaire (IIQ): Addressing Positive Valence in Fantasy, Absorption, and Daydreaming

EMILEE R. NAYLOR

Westminster College

An adaption of past Imaginative Involvement (II) measures was conducted to eliminate item overlap and address positive valence in II. Factor analytic findings supported hypotheses of four orthogonal lower-order traits underpinning II. Good internal consistency was found. Personality and temperament correlates of II are examined.

Faculty Sponsor: Dr. Jennifer Simonds

5:15

The Effects of Nature and Urban Environments on Working Memory Capacity

ASHLEY L. PYNE, A. EVE MILLER, JASON M. WATSON, AND DAVID L. STRAYER

University of Utah

Restorative effects of nature on executive attention were examined. Prior research remains unclear if the effects of nature would generalize to other tests of executive attention, (i.e., OSPAN) and if variations in the nature interaction (i.e., videos) would alter restorative effects. Our null findings suggest the need for refining methodology.



*PSI CHI AWARD WINNERS will receive their awards during  
the Psi Chi Awards Reception and Quiz Competition,  
Friday at 6 pm in Naples 4*

**Social 3 Oral**

Oral Paper Session, Friday, 4:30 – 5:30 pm, Naples 1

Moderator: JEREMY ASHTON HOUSKA, Concordia University Chicago

4:30

Medical Professionalism: An Experimental Look at Physicians' Facebook Profiles

JOSEPH W. CLYDE

Utah State University

This experiment examined perceptions of professionalism between six Facebook profiles of physicians. Profiles with healthful personal content received the highest professionalism ratings, while unhealthful content received the lowest. The female physician received higher professionalism ratings than the male across all three conditions.

Faculty Sponsor: Dr. Melanie Domenech Rodriguez

4:45

Kissing Plus: How Much is Too Much?

KELLY PARKER

Metropolitan State College of Denver

When you are part of a couple, what displays of affection make those around you uncomfortable? Is holding hands ok? Kissing? Participants were accepting of minimal displays, such as holding hands and a small kiss, but not more extreme displays, including passionate kissing.

Faculty Sponsor: Dr. Lesley Hathorn

5:00

Evaluating Attitudinal Assessment Methodologies and the Role of Cultural Knowledge in Reported Attitudes

GARRETT STROSSER AND ASHLEY REID

Southern Utah University

The accuracy of three different attitude assessment methodologies was assessed in light of reported cultural knowledge (i.e., awareness of societal attitudes). Participants completed attitude and cultural knowledge questionnaires and a paper version of the IAT. The accuracy of each methodology and the relation to cultural knowledge were clarified.

5:15

Validity Testing of the CoSS: Differences Between Rejection and Fear

TUCKER JONES, JEFF ELISON, AND KATHERINE PUGLIESE

Adams State College

An induction was developed to assess if there were differences on Compass of Shame Scale (CoSS) scores following an induction of fear for one's safety and feelings of rejection/social exclusion. The induction was administered to 60 participants split into three groups including a control group.

**RMPA Invited Speaker**  
**Sponsored by Worth Publishing**

Life Lessons Superheroes Teach Us

ROBIN ROSENBERG



*Friday, 4:30 – 5:30 pm*

*Naples 6*

Moderator: WILLIAM DOUGLAS WOODY, University of Northern Colorado

Superheroes and their stories are more than interesting fiction. The characters and stories tap into essential truths about human nature and illustrate the findings of psychological research. Topics to be discussed, along with their psychological underpinnings, include: Why the costume counts, how being different can give you power, that superheroes aren't the only ones with alter egos, and how, like superheroes, trauma can make us social activists.



*You are cordially invited to attend the*

**WORTH PUBLISHERS**

**Reception**

*at the*

**Rocky Mountain Psychological Association Convention**

**Friday, April 13, 6:00 to 8:00 pm**

**Peppermill Resort**

**Location: Sorrento 3 & 4**

**Reno, Nevada**



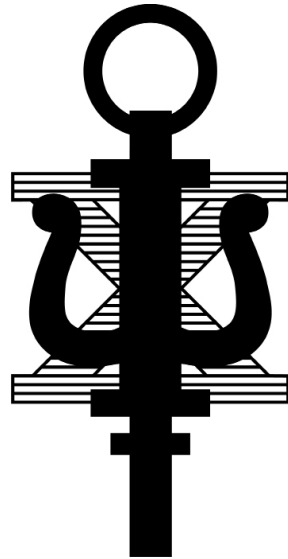
**RMPA would like to thank Worth Publishers  
 for their continued support!**

## ***Psi Chi Awards Reception and Quiz Competition***

*Friday 6:00 – 7:00 pm*

*Naples 4*

Hosts: SUSAN E. BECKER,  
Colorado Mesa University  
LESLIE CRAMBLET ALVAREZ,  
Adams State College  
GIDEON CAPLOVITZ,  
University of Nevada Reno, and  
KRIS TRIMBLE,  
Colorado Mesa University



All students are welcome to come congratulate the award winners. Gather your trivia loving friends, and compete for prizes during the quiz competition!

## **Top Ten Things to Do in Reno on Friday Night**



1. Attend the political debate between Carole Wade and the critical thinking deniers.
2. In the beloved memory of Washoe, order a beverage in American Sign Language.
3. Go to the Senator Harry Reid Community Center and sit in on a dynamic speaking class.
4. Free tinnitus testing! Meet at the slot machine room.
5. Spend a lovely evening over beverages discussing what superpower each member of the RMPA Executive Committee should never have.
6. Visit the set of the TV show, Reno 911, as certain unnamed members of the executive committee try out for the role of Jim Dangle.
7. Might as well get in line to buy tickets for Tuesday's concert by Florence and the Machine... or is it the line to buy the iPhone 5?
8. Join President-elect Weiten as he attends a Reno Raiders /Las Vegas Wranglers exhibition hockey game in the parking lot of the Peppermill—hope for cold weather or for the Raiders rink to be completed.
9. Help with the fundraiser to bail President Woody out of city jail because he falsely confessed to a crime that an eye-witness saw him commit with a high degree of confidence during an altered state of consciousness because of lack of sleep.
10. Philosophical Thought for the Evening: Why are so Many RMPA Talks' Titles in a Format that Includes a Colon?

## SATURDAY ACTIVITIES

HAPPY  
SATURDAY!



### *Psi Chi Saturday Morning Coffee Break*



8:00 - 9:00 am



Naples 4

Host:  
SUSAN E. BECKER,  
Colorado Mesa University

## Teaching Oral 2

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

Moderator: N. CLAYTON SILVER, University of Nevada, Las Vegas  
8:00

To Lecture or Use Active Learning: That is the Question. What Influences the Teaching Methods Instructors Choose to Use?

LISA KINDLEBERGER HAGAN, AARON S. RICHMOND, KRISTEN BROUSSARD, AND NICKI CUPIT

Metropolitan State College of Denver

Despite the large amount of research advocating the use of active learning instruction, direct instruction continues to be the prominent if not sole method of instruction used by many psychology instructors. This study examines what factors predict the teaching methods instructors choose to use.

8:15

Journaling in the Classroom: Students' Perspectives

KRISTA K. FRITSON, DESTINEE NELSON, AND HANNAH VONTZ  
University of Nebraska at Kearney

This study explored students' perceptions of reflective journaling as part of their psychology course requirement. A content analysis of 110 students' perceptions of the effects of journaling on their course efforts and behavior was conducted. Results suggest students view reflective journaling as beneficial.

8:30

The Effects of Journaling on Self-Efficacy and Course Engagement on College Students

DESTINEE A. NELSON AND HANNAH K. VONTZ  
University of Nebraska at Kearney

The effects of journaling on student course engagement and self-efficacy were studied. Students journaled for 7 weeks in either the first or last half of the semester. Data regarding students' course engagement and self-efficacy were obtained at three times during the semester. Comparisons explored the effect of journaling.

Faculty Sponsor: Dr. Krista Fritson

8:45

Profs Who Tweet: Student Impressions and Implications

BENJAMIN P. BAIN, ABBI R. HOFFMANN, AND JEREMY ASHTON HOUSKA

Concordia University - Chicago

Tweets demonstrated psychology knowledge, interpersonal warmth, and use of emoticons. Thirty-five participants rated the profiles for competence, overall impression, and likelihood of enrolling in the professor's course. Profiles with high knowledge/warmth yielded significantly more positive impressions relative to low knowledge/warmth and control.

## **BELL/LOOMIS ENVIRONMENTAL PSYCHOLOGY SYMPOSIUM**

*Saturday, 8:00 – 10:00 am*

*Naples 2*

**MODERATOR: PAUL A. BELL, Colorado State University**

**Visual and Auditory Effects of High Altitude Jets on Landscape Evaluation**

**JAKE DENISON, BRITTON MACE, AND GRANT CORSER**  
Southern Utah University

The visual and auditory effects of high altitude jets on natural landscapes were compared in a laboratory simulation. Two hundred and thirteen students served in one of four conditions and evaluated scenes and sounds on six dependent variables. Results suggest the presence of jets in natural environments causes negative evaluations.

**Natural Sounds and Human Voices: Visitor Outcomes in a Wildlife Museum**

**ROBERT JAKUBOWSKI AND PAUL A. BELL**

Colorado State University  
High and low amplitude sounds of nature or human voices were added to a nature art exhibit or a nature, family-oriented interactive exhibit in wildlife museum. Added human sounds had minimal impact in the interactive exhibit but negatively impacted the experience in the art exhibit.



**What Cognitive Processes Benefit by Interacting with Nature?**

**ALEXANDRA TRANI, A. EVE MILLER, JASON WATSON, AND DAVID STRAYER**

University of Utah

Interacting with nature may improve executive attention. Across four repeated study/test trials, participants attempted to memorize a 90-item list of semantic associates (e.g., bed, rest) while watching videos of naturalistic or urban scenes. Results indicated improved free recall across trials, but slightly more when encoding occurred in nature conditions.

**Introducing the Six-Segment Health Model: Incorporating Environment into Health Assessments**

**PATRICIA A. ROMANO AND PAUL A. BELL**

St. Edwards University and Colorado State University

This presentation emphasizes the importance of adding an environmental component to the traditional biopsychosocial perspective in health psychology. Participants will learn how to use the Six-Segment Health Model for identifying the influence of the built and natural environment on health.

**Classrooms with a View of Nature Out the Window: Are There Benefits?**

**PAUL A. BELL, GRETCHEN A. NURSE, and JACOB A. BENFIELD**  
Colorado State University, University of Arizona, and Pennsylvania State University-Abington

Student outcomes were compared for Freshman Writing courses in classrooms with a view of nature or a view of a concrete wall. Nature view classrooms were preferred but there were no differences in academic performance across the views.



**Mortality Salience, Collectivism, and the Tragedy of the Commons**

**BRITTON MACE, RYAN OWENS, AND JAKE DENISON**

Southern Utah University

Terror-management theory proposes we are motivated to suppress the awareness of death by invoking anxiety buffers such as relying on cultural worldviews. Results indicate when mortality becomes salient, a common pool of resources is preserved for a longer period of time by those with a collectivistic orientation.

## Learning/Memory/Cognition/Perception/ Neuropsychology Posters

Poster Session, Saturday, 8:00- 9:00 am, Naples 7

**1**

Fiscal Knowledge and Delay Discounting

LESLEY HATHORN, ALEAH DEGENERES, ANDREW DELAO, RYAN HOFFMAN, JESSICA PERSING, SARA TORREZ, AND LASHON YOUNG  
Metropolitan State College of Denver

Participants discounted a hypothetical, monetary, long-term, larger reward over a smaller, immediate reward, and this discounting did not differ by high or low financial knowledge. Instead, it differed by participants' ability to delay gratification at every time period, suggesting that immediacy rather than visualizing the future determined decisions.

**2**

An Exploratory Study on Taboo Word Expressions

TAMARA COLE-SNEE, ELIZABETH LONG, TYLER BRODERICK, MAURA PILOTTI, ERIKA DERKAS, AND ALLISON TROSCLAIR  
New Mexico Highlands University

The study examined whether gender and ethnic differences existed among college students in the use of taboo word expressions to refer to males and females. Overall, Caucasian males reported using more taboo words, mostly involving sexual references, than Hispanic males. Reports by Caucasian and Hispanic female respondents were more uniformly distributed.

**3**

A Preliminary Exploration of the Relation Between Reading and Cognitive Skills in College Students

REBECCA S. BETJEMANN  
Regis University

Reading and cognitive skills were explored in a college sample. In contrast to younger readers, college students show lower correlations between word and non-word reading and lower correlations between fluency and reading measures. SAT/ACT scores were strongly correlated with word reading and vocabulary but not with reading comprehension.

**4**

The Role of Awareness in Modulating Perceptual Interference

AMBER HUTCHINS, CAITLIN REDMOND, TREVOR SMYTHE, AND AVA SANTOS

Fort Lewis College

Perceptual interference occurs when one verbalizes or images a nonverbal experience, activating prototypical representations and consequently has less accurate memory for the original experience. The current experiment seeks to determine whether awareness of a phenomenon will affect its strength.

**5**

The Perception of Medical Images Following Adaptation

LAWRENCE JAMES<sup>1</sup>, ELYSSE KOMPANIEZ<sup>1</sup>, CRAIG K. ABBEY<sup>2</sup>, JOHN M. BOONE<sup>2</sup>, AND MICHAEL A. WEBSTER<sup>1</sup>

<sup>1</sup>University of Nevada, Reno and <sup>2</sup>University of California, Davis

Radiologists visually judge medical images for diagnoses. We show that these judgments can be biased by perceptual adaptation to images seen previously (e.g., ratings of "dense" vs. "fatty" tissue change after viewing dense images). Thus visual adaptation may be an important factor affecting how medical images are perceived and interpreted.

**6**

Adding Years to Your Life (Or at Least Looking Like It): Adaptation and The Perception of Age

AMY MAC, MARK MAZZOCCHI, SEAN F. O'NEIL, AND MICHAEL A. WEBSTER

University of Nevada, Reno

The perceived age of faces change after viewing younger or older faces. We explored this adaptation over a wide range of ages, by asking observers to guess the age of test faces. This allowed us to test both the nature of the adaptation and of the perceptual coding of age.

# 2 + BLUE = PURPLE

**7**

Two Plus Blue Equals Purple: Bidirectionality in Synesthesia is Revealed by Math with Colors

LIANNE BARNES, J. DANIEL MCCARTHY, AND GIDEON P. CAPLOVITZ  
University of Nevada, Reno

Bidirectionality in synesthetes was examined using an arithmetic task. Three synesthetes were shown simple math problems with a color patch substituted for 1-3 of the numbers and indicated whether the presented solution was correct. Results demonstrate that synesthetes can perform the task above chance in the absence of numerical information.

**8**

Synesthetic Shape Pop-Out Effects at Varied Stimulus Presentation Durations

CHRISTOPHER BLAIR, DAN MCCARTHY, NICOLE CLARK, AND GIDEON CAPLOVITZ

University of Nevada, Reno

Color-grapheme synesthete MC2 shows an advantage over controls in a series of shape pop-out tasks using pseudorandom letter arrays presented for different amounts of time. Data from a control participant run on the same number of trials as MC2 indicates that relative results are not due to practice effects.

## 76 Learning/Memory/Cognition/Perception/ Neuropsychology Posters (cont.)

9

The Effect of Attention on Context Dependent Synesthetic Experiences  
CHRISTOPHER BLAIR AND GIDEON CAPLOVITZ  
University of Nevada, Reno

We examined the role of attention in mediating the contextual effects of synesthetic experiences by simultaneously presenting grapheme-color synesthete MC2 with contexts that bias the perception of the grapheme '0' to be perceived as a letter or a number. Results indicate that MC2 perceived the synesthetic color associated with the cued context more often than that associated with the un-cued context.

10

Size Perception of Arrays  
ALEXANDRIA BOSWELL, GIDEON CAPLOVITZ, AND SAMANTHA CHUANG  
University of Nevada, Reno

Three experiments were performed which focused on how manipulating element size, element orientation, and the line width of a circle affected the perceived size of an array or circle. Results indicate perceived size relies on the center of gravity of elements and the inner outline of a circle.

11

The "Color" of Music: An Investigation of Timbre and Color Association  
MEGAN STRICKER  
University of Nevada, Reno

This study investigated color association based on musical instrument differentiation, or timbre. Three experiments included instrument images and sounds, resulting in choosing a color. Preliminary findings contributed to the popular knowledge base of music and the brain by signifying a perceptual correlate between timbre and color association.  
Faculty Sponsor: Dr. Gideon Caplovitz

12

The Retro-Cue Benefit: When Does it Emerge and How Long Does it Last?  
TERINA METOYER AND RYAN T. TANOUE  
University of Nevada, Reno

We investigated how quickly attention can shift among items held in visual working memory (VWM). Retrospective attentional cues (retro-cues) presented 800-24000 ms after stimulus offset benefit VWM performance. Invalid retro-cues do not impair VWM performance demonstrating that uncued items are not eliminated from VWM.  
Faculty Sponsor: Dr. Marian E. Berryhill

13

Parietal Contributions to Visual Working Memory Depend on Task Difficulty  
KEVIN JONES, CAITLIN CRANE, ABBY FEENSTRA, AND MARIAN BERRYHILL  
University of Nevada, Reno

Parietal lobe contributions to working memory (WM) may vary with task difficulty. We tested this hypothesis by applying transcranial direct current stimulation (tDCS) applied to parietal cortex. In several studies, we found that parietal tDCS improved WM performance in difficult tasks, but only for individuals with high WM capacity.

14

Investigating the Lost Key Phenomenon  
KATIE BIPES AND BRENDA TRUITT  
Southwestern College

This study investigated the capacity of the visuospatial sketchpad (VSSP). The first part of the experiment involved a series of memory recall tasks in which stimuli were present. In the second portion, stimuli were presented then removed. The results showed that the VSSP was more active when stimuli were absent.

Faculty Sponsor: Dr. Hannah Lann-Wolcott

15

Measuring Attention with Reversible Figures  
MATT HALLIDAY AND WINFORD GORDON  
Western Carolina University

The Necker Cube Test of attention was extended by using a letter search fatigue task and by measuring reversals for four additional reversible figures. Letter search is an effective operation for fatiguing attention and that all of the reversible figures appear to show the same attention fatigue effect.

16

The Spongebob Effect: Fatiguing Attention with Frequent Change  
SUSAN ALKHAFI, DAKOTA LAWSON, BRIAN VISCONTI, AND WINFORD GORDON  
Western Carolina University

Children show fatigued attention after watching a fast-paced cartoon. This suggests that frequent change fatigues attention. This study measured attention fatigue with the Necker Cube Test after art, video, cartoon or music conditions featuring 1 or 6 changes per minute. The art and music condition showed significant changes in attention.



78 **Learning/Memory/Cognition/Perception/  
Neuropsychology Posters (cont.)**

**17**

Hypomagnesaemia in a Young Child: A Case Study Examining Neurocognitive and Behavioral Effects

DIANA I. MILNER

Arizona State University

The neurocognitive effects of hypomagnesaemia in the pediatric population are not well known. This is a case study of a 6-year-old female patient who underwent neuropsychological assessment. Results from the assessment showed executive functioning deficiencies, presence of atypical behaviors like social withdrawal and rule-breaking behavior.

Faculty Sponsor: Dr. John Fulton

**18**

Body Mass Index: A Central Indicator for Alternative Intrathecal Infusion Pump Placement

MAEGAN WAGNER, MEGHAN CARLIN, PENNIE SEIBERT, JENNIFER VALERIO, YUSTINA RAFLA, AND JEFFREY SHILT

Saint Alphonsus Health System and Boise State University

Intrathecal infusion therapy is an effective treatment for the reduction of spasticity. Traditionally, the pump is placed in the abdomen. Increased body mass index presents complications with abdominal placement, thus to improve quality of life for these individuals, placement in the infraclavicular fossa has been developed as an alternative approach.

**19**

Effects of Victim Sex on Perceptions of Intimate Partner Violence Severity in Heterosexual Relationships

ALANNA SHORES AND MARTE FALLSHORE

Central Washington University

Intimate partner violence (IPV) is incorrectly perceived to be committed against women more often than men. Participants rated the severity of an IPV crime featuring a heterosexual couple, which varied the sex of the victim. We expect participants will rate IPV crimes committed against women more severely than those committed against men.

**20**

Verbal Overshadowing and Humor Perception

ERIN SIGEL AND MARTE FALLSHORE

Central Washington University

This study examined verbal overshadowing and humor perception. After participants were read a joke, the experimental group described why the joke was funny while the control group performed a distractor task. It was expected that the experimental group would find the joke less funny because verbal description will impair their perception of it.

**21**

Age-graded Influence on the Encoding of Public Flashbulb Memories  
NICK MARSING, ALYSSA SHEWELL, AND AMANDA STOUFFER

Snow College

Various historical events were presented to the subjects. The subjects were asked to rate the emotionality and surprise encompassing each personal memory of applicable historical events. Age at which these events took place will be examined for age-related effects. Results will be discussed.

**22**

Anxiety on the Perception of Eye Contact: How Can Eye Tell?

TAYLOR JONAS

Regis University

The effect of anxiety and eye contact on the perception of trustworthiness was examined. Participants rated perceived trust of faces displaying both direct and averted eye contact. A Likert scale measuring anxiety was also administered. Significant differences were not obtained, however, additional data will be collected, analyzed, and presented.

Faculty Sponsor: Dr. Brian Drwecki

**23**

Getting Lost in the Moment: The Effects of Musical Tempo and Cerebellum Activation on Retrospective Time Estimation

CAMERON LIGGETT

Regis University

The potential moderating effect of cerebellum activity on the effect of music tempo on time perception was examined in a 2 X 2 experimental design. Results suggest that accurate time perception is enhanced when the cerebellum is activated via either high tempo music or an established finger-tapping procedure.

Faculty Sponsor: Dr. Brian Drwecki



**24**

Retrieval-Induced Facilitation of Categorized Materials

CHRISTOPHER A. ROWLAND, AIDEN MONTGOMERY, AND EDWARD L. DELOSH

Colorado State University

The influence of retrieval practice on related, though untested, information was examined. One hundred and thirty participants studied lists of categorized words, and in some cases practiced retrieval on a subset of words in a list. Later free recall results indicated a facilitation effect of retrieval practice on related, non-tested words.



## 8 Learning/Memory/Cognition/Perception/ Neuropsychology Posters (cont.)

25

A Computer-Based Stroop Variant Task

LINDA SORENSEN, TIM INDAHL, AND DAN WOLTZ

University of Utah

This study investigated the utility of a computerized variant of the well-known Stroop color task. Participants responded to congruent, incongruent, and neutral stimuli on a standard PC keyboard. Large interference effects were observed in both latency and error data, while facilitation effects were small and counter to expectations.

26

Multiplication and Division: Memory Representation and Priming

TIMOTHY INDAHL, DAN WOLTZ, AND LINDA SORENSEN

University of Utah

The mental representation of multiplication and division facts is explored in a priming study. Twenty-seven undergraduate students solved basic multiplication and division problems with intervening subtraction problems. Students performed more accurately and quickly on division problems when they solved a related multiplication problem previously.

### Religion Oral

Oral Paper Session, Saturday, 8:30 – 9:00 pm, Naples 3

Moderator: FREDERICK MALMSTROM, University of the Rockies

8:30

Exploring the Impact of Religiosity, Religious Oppression, Self-Esteem, and Life Satisfaction among Mormon Women

G.E. KAWIKA ALLEN, DAN REID, STEVEN HYDE, ANDREW BOZZELLI, GREG RODGERS, AND FABIO SAGEBIN

Southern Utah University

Correlations were examined between religiosity, religious oppression, self-esteem, depression, and life satisfaction among Mormon women. Eighty-four participants were analyzed indicating a negative association between religiosity and religious oppression as well as depression, while a positive correlation was found between religiosity and life satisfaction.

8:45

Mormon Pacific Islanders: Religiosity, Acculturation, and Psychological Well-Being among Immigrant Polynesians in the Midwest

G. E. KAWIKA ALLEN

Southern Utah University

Study examined religiosity, collectivistic coping, and well-being among 94 LDS Polynesians in the Midwest. Religiously committed LDS Polynesians were more likely to have healthier well-being and use collectivistic coping styles (i.e., family support). Family support also moderated the relationship between religious commitment and well-being.

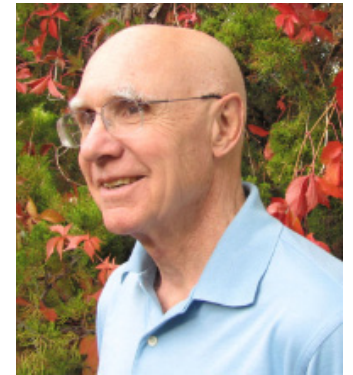
## RMPA Past President's Address

### The Confidence Interval: A More Informative Alternative to an $H_0$ Test of the Difference between Two Means

WILLIAM WALLACE  
University of Nevada-Reno

*Saturday, 9:10 – 10:10 am  
Sorrento 3 and 4*

Moderator: WILLIAM DOUGLAS  
WOODY, University of Northern  
Colorado



Two-group experiments are rare; however, statistical tests comparing pairs of group means often follow a multiple-group analysis of variance. The common test statistic for pair-wise contrasts is  $t$  or  $F$ . (1) A “significant” result indicates that a numerical difference between means is likely *not 0*. Constructing a confidence interval (CI) for the difference between the same two means would also indicate the difference is likely not 0, as well as identifying many equally unlikely numerical differences. (2) A “non-significant”  $t$  or  $F$  merely indicates that a 0 difference between two groups is “possible.” A corresponding CI identifies many possible numerical differences in addition to 0. Thus, constructing CIs for pair-wise comparisons is more informative and more instructive compared to  $t$  and  $F$ ; and computational procedures are reasonable for inclusion in beginning statistics textbooks.

## Law/Developmental/Measurement/Animal Experimental/Comparative Posters

Poster Session, Saturday, 9:10- 10:10 am, Naples 7

**1**

Spontaneous and Adjacent Utterances in Chimpanzee Conversations  
CHARLES AUSTIN LEEDS AND MARY LEE JENSVOLD

Central Washington University  
Spontaneous utterances follow pauses in conversations and adjacent utterances are replies. This study examined spontaneous and adjacent utterances in signing chimpanzee conversations with human caregivers. Overall 37% of the chimpanzees' utterances were spontaneous. This percentage is similar to that of children in another study.



**2**

The Effect of Signage on Zoo Visitors at a Chimpanzee (*Pan troglodytes*) Exhibit

JESSICA MAS, ALEXANDER PRITCHARD, MARY LEE JENSVOLD, AND LINDSAY ZAGER

Central Washington University  
Zoo visitors at a chimpanzee exhibit were videotaped in the presence of a sign encouraging affiliative chimpanzee behaviors, such as head nods. Most visitors looked at the sign for 3 seconds (mode) and 37.5% of looks were followed by a head nod.

**3**

Gesture Use by Free-living Chimpanzees (*Pan troglodytes*) Related to Partner Attentional State

GLEE LARSEN, TRACY L. CAMPION, AND MARY LEE JENSVOLD

Central Washington University  
The use of gestures by a group of free-living chimpanzees was examined. Gesture modality was compared with the attentional state of the communicative partner. Chimpanzees used a visual gesture significantly more often when the partner was attending, and used a tactile gesture significantly more often when the partner was inattentive.

**4**

Use of Citations in Academic Journals

SENECA WIDVEY, JESSICA PERSING, ANDREW DELAO, SARA TORREZ, ALEXANDER HOWARD, BRITTNEY JACKSON, AND LAUREN KOLKER

Metropolitan State College of Denver

A literature review examined the use of citations of journal articles over 30 years. Articles that cited Caldwell and Pepau (1982) were used for analysis. Citations were coded for accuracy and characteristics found in the original paper. It was found that 50% of the citations inaccurately referenced the target paper.

Faculty Sponsor: Dr. Lesley Hathorn

**5**

In Influence of PIP on Parenting Outcomes

JULIANA ROSA, KRISTEN KONKEL, KRISTINA WILSON, CHRISTINE CERBANA, JESSICA WIEST, AND BREANNA GRAVES

Colorado State University

Positive parenting is essential to help promote positive development in children. PIP is a parent education curriculum designed to strengthen family relationships. This study used a randomized design with an immediate and delayed condition. Overall, the results showed that the curriculum is having positive effects with parents.

Faculty Sponsor: Dr. Kim Henry

**6**

The Importance of Feeling Understood: Dyadic Perspective-Taking Within the Parent-Child Relationship

APRIL KNIGHT AND TODD BAIRD

Weber State University

Five hundred seventy-one participants completed assessments to measure the influence of dyadic perspective-taking on parent-child relationships. Significant correlations were found between other dyadic perspective-taking, self dyadic perspective-taking, connection, communication, and relationship satisfaction. SEM was used to estimate causal relationships.

**7**

Understanding Validity and Gender Performance Differences on the WISC-IV Cancellation Subtest

AMANDA TERRELL, KRISTEN POPPERT, AND SUSAN T. LI

Pacific University

This study examined relations between the WISC-IV Cancellation subtest and relevant indexes while also analyzing differences in gender performance in a sample of 76 youth. Contrary to expectations, there were no gender differences. Further, Cancellation was significantly related to the Verbal Comprehension index, but not the Processing Speed Index.

## **8<sup>Law/Developmental/Measurement/Animal Experimental/Comparative Posters (cont.)</sup>**

**8**

Partner Perceptions of Jealousy in Young Adult Romantic Relationships  
KELSEY NICHOLS, PAMELA HAWKINS, SOFIA FERNANDEZ, AND  
ELIZABETH MORGAN  
Boise State University

Ninety-eight romantic couples were interviewed about their own jealousy and their partner's jealousy in their current relationship. The majority of participants reported being jealous and accurately identified if their partner was or was not jealous. Sources of jealousy included planned and casual interactions with members of the other sex.

**9**

College Student's Schemas for Interrogations Involving Drinking and Driving  
CHELSEA A. ATKINS

University of Nebraska at Kearney

Participants read arrest scenarios describing either the interrogation of a friend, stranger, or themselves. Participants wrote more about suspect behavior when writing about their friend's or own interrogation. Our research could help jurors understand how a suspect's expectations of an interrogation might influence his or her behavior within the interrogation.

Faculty Sponsor: Dr. Krista Forrest

**10**

Personality Characteristics of College Students in a False Confession Situation

DESTINEE A. NELSON AND KYLE BRANDYBERRY

University of Nebraska at Kearney

We hypothesized certain personality characteristics such as extraversion, conscientiousness and interaction anxiousness would influence false confessions. We gathered data from 37 college students using Kassin and Kiechel's (1996) alt key paradigm. Compared to non-confessors, personality characteristics did not differ for those who falsely confessed.

Faculty Sponsor: Dr. Krista Forrest

**11**

The Effects of Attachment Styles and Gender on Emotional Intelligence  
PALOMA LOPEZ, RAINA WALTERS, AND ROBERT DEMSKI  
Adams State College

The effects of attachment styles and gender on emotional intelligence were examined. One hundred twelve undergraduate college students participated in this study. It was hypothesized that securely attached females would show higher emotional intelligence compared to avoidantly attached males. A main effect for attachment styles was found.

**12**

Is Maternal Reminiscing Style Affected by the Presence of Documentation? A Preliminary Analysis

BETHANY FLECK, AARON S. RICHMOND, JORDACE SANDERSON,  
DARA L. TABUGADIR, AND SARA YACOVETTA

Metropolitan State College of Denver

This study examined the effects of documentation on maternal reminiscing style with preschool age children. Mother-child conversations about learning events were recorded both in the presence of documentation and absence. Results indicated greater maternal, high-elaborative speech in the presence of documentation.

**13**

Italian Lessons on Aging In Place: The Day-to-Day Lived Experiences of Elders at a Roman Senior Center

JOYCE WEIL, NANCY KARLIN, AMY FULTON, BRYDEN SPENCER, AND  
ANTHONY DEMUSIS

University of Northern Colorado

To understand the daily experience of Italian elders (aged 63 to 90), aging in place, and types of programs and services available to assist older adults, twenty-seven in-depth interviews were conducted at a local senior center in Rome. Data revealed elders' report having what it takes to lead a happy life; however, several problems were indicated.

**14**

Sex and Ethnicity Differences on the Caregiver Readiness Awareness Scale

JEANNINE KLEIN AND N. CLAYTON SILVER

University of Nevada, Las Vegas

Many older adults are relying on familial caregiving, but younger relatives often are ill-equipped to deal with related demands. This study examines sex and ethnicity differences on a caregiving readiness awareness scale currently under development which will assist families in determining who is best-suited for various aspects of familial caregiving to an aging adult.

**15**

Middle School Students and Organized Activities: Is Participation Related to Risky Behavior?

JAMES R. WALLACE AND KIMBERLY WATCKE

St. Lawrence University

Is participation in extracurricular activities associated with risky behavior? Questionnaires completed by 97 students from the 7th and 8th grades indicated that greater participation in different extracurricular activities correlated with taking fewer risks that would be discouraged by parents and more risks that would be encouraged.

## **8<sup>Law/Developmental/Measurement/Animal Experimental/Comparative Posters (cont.)</sup>**

**16**

Parenting Styles, Safety Equipment, and Recreational Risk

JAMES R. WALLACE AND DENISE KYTE

St. Lawrence University

Forty-one seventh and eighth grade students completed questionnaires on parenting style, risk perception, and participation in common recreational activities (with or without the use of safety equipment).

Only when safety equipment was not used did parenting style predict perceived risk and participation rates.

**17**

The Bilingual Jury: How Language and Ethnicity Shape Jury Deliberation

MARKUS KEMMELMEIER, H. LYSSETTE CHAVEZ, JOSE H. VARGAS, AND LUIS M. GARCIA

University of Nevada, Reno

This study examines social-psychological aspects of New Mexico's practice of allowing non-English speaking (NES) jurors to serve on juries. Using a 2 (NES juror: absent vs. present) x 2 (Anglo majority vs. Latino majority) design, our study reveals that the presence of NES may highlight intergroup divisions and inadvertently permit bias.

### **Psi Chi Leadership Program**

*Psi Chi Membership: Making the Most of It*

*Saturday, 9:10 – 10:10 am*

*Naples 4*

Presenters:

KRISTA K. FRITSON & CHARLES E. SEPERS, JR.,  
University of Nebraska at Kearney

LESLIE CRAMBLET ALVAREZ, Adams State College

SUSAN E. BECKER, Colorado Mesa University

MICHAEL HALL, Psi Chi Past President, James Madison University

This panel of Psi Chi students and Psi Chi advisors will discuss the benefits of Psi Chi and how students can make the most of their membership. Students' and advisors' perspectives will be discussed. This is an interactive program that promotes the generation of new ideas and offers resources to students about existing programs/benefits for Psi Chi members.

## **Gardner Memorial Lecture**

87

### **Chimfunshi Wildlife Orphanage: Zambia's Growing Treasure and a Place for Us**

**MARK BODAMER**

Gonzaga University

*Saturday, 10:20 – 11:20 am*

*Naples 6*

Moderator: WILLIAM DOUGLAS WOODY, University of Northern Colorado



The Chimfunshi Wildlife Orphanage is a sanctuary dedicated to the long term care and preservation of over 125 chimpanzees and an assortment of other animals. This 24,000 acre safe haven provides a place where these individuals can live out their lives. Chimfunshi also has an Education Center that includes a classroom, library, and dormitories that facilitate behavioral research and also accommodates educational outreach programs. Over the years many humanitarian service opportunities have been completed. More projects for behavioral research, educational outreach and community service are always being considered. Past, present and future plans and discoveries will be highlighted. Much has changed over the last 11 years. Current plans call for the initiation of a Liberal Arts Field Station that will continue to explore and celebrate the rich biodiversity of this protected region through the eyes of different disciplines. Already many colleagues, from a variety of disciplines, have experienced the place called by Dr. Jane Goodall "the most wonderful place on earth." By enticing colleagues from different disciplines to participate this will enhance the long term sustainability of the relationship between Gonzaga University and the Chimfunshi Wildlife Orphanage Trust. Chimfunshi is not only a place for students to acquire new academic knowledge and skills, but it is also a place to experience a third world country, one of the poorest of poor, and use their skills to become men and women for others.

## RMPA SYMPOSIUM

### The Meaningful Life

*Saturday, 10:20 - 11:20 am Naples 1*

#### Presenters:

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

How do we add meaning to our lives? This symposium explores psychological factors from two cultural perspectives: the United States and Ethiopia. While these countries differ in economy, culture, and history, we will focus on what makes for a meaningful life in both countries. This presentation includes an educational film.

## Psi Chi Leadership Program

### *Best Practices in Community Service and Outreach*

*Saturday, 10:20 – 11:20 am Naples 4*

#### Moderators:

KRIS TRIMBLE, Colorado Mesa University  
AARON S. RICHMOND, Metropolitan State College of Denver

#### Panelists:

ALEXANDER HOWARD, KRISTIN BROUSSARD, SENECA WIDVEY, KRISTINA SANDERS AND MARY SHARPE, Metropolitan State College of Denver  
MISSKE TJANDRA, ERIC PEARSON, ERIKA JORDAN, ALEX KNOLL, SARAH WITMER, Colorado Mesa University

Officers from two successful chapters will discuss their most successful community service projects, the processes by which the projects were completed, and the success and pitfalls of the projects. We will then have workshop time where the audience can discuss and design community outreach projects for their own chapters.

## Perception/Emotion Oral

Oral Paper Session, Saturday, 10:20 – 11:20 am, Naples 3

Moderator: MAURA PILOTTI, New Mexico Highlands University

10:20

Does the Optimistic Individual Behave Differently than Less Optimistic Counterparts? The Relationship between Optimism and Risk Behavior in College Students

TRAVIS SKODACK

Boise State University

Although optimism has been associated with various life outcomes, little research has examined optimism and behavior. The current study investigates the relationship between optimism and risk behavior. Optimism was significantly related to specific types of current risk behaviors as well as to overall prior risk behaviors.

Faculty Sponsor: Dr. Kimberly McAdams

10:35

The Effects of Tactile and Indirect Contact with Dogs in a College Population

KALINA WELCH, CHRISTOPHER COLLINS, AND LESLIE ANGEL  
Carroll College

Physiological and perceptual stress responses were recorded in undergraduate students while being exposed to varied levels of canine contact. While physiological responses were similar in all groups, the perception of stress was higher for participants without canine interaction than for those who maintained tactile contact during the study.

10:50

Field Dependence and Harmonic Dictation Scores for Music Theory Students

BRANDON CHANDLER AND MARTE FALLSHORE

Central Washington University

Music theory students participate in a study on field dependence and its relation to harmonic dictation (HD) scores. Participants are tested for field dependency using the Group Embedded Figures Test (GEFT). We expect a positive correlation between GEFT and HD: field independent students will score higher than field dependent students on HD.

11:05

Leave Well Enough Alone, But Enhance the Negative: Effects of Contextual Valence on Subjective Evaluation

GRANT C. CORSER<sup>1</sup>, JOSEPH GOODMAN<sup>2</sup>, AND STEVEN HYDE<sup>1</sup>

<sup>1</sup>Southern Utah University and <sup>2</sup>Illinois State University

This paper describes effects of positive and negative contexts manipulating the evaluation of positive and negative objects. Participants listening to positive or negative music evaluated positive or negative objects. Results indicated that both positive and negative objects are affected by the contextual manipulation.

## Society for the Teaching of Psychology

### **Luncheon Planning Meeting**

Faculty interested in planning the RMPA Teaching Conference for 2013 are encouraged to attend.



*Saturday, 11:30 am - 1:00 pm  
Sorrento 2*

### **RMPA DIVERSITY COUNCIL LUNCHEON AND VIDEO SERIES**

#### *The Pursuit of Happiness*

*Saturday, 11:30 am to 1:00 pm                      Room 1747*

HOST: LAYTON SETH CURL, Metro State College of Denver  
DISCUSSANT: ALEXIS KARRIS, Metro State College of Denver

Have you ever wondered what makes people truly happy? Are factors that lead to happiness on one continent the same as those on a continent thousands of miles away? These questions and more are explored in the newest documentary production by the educational film team of Dr. Mary Ann Watson, Dr. Layton Seth Curl, and Mr. Scott Houck. Their latest diversity film premieres with footage from Africa to North American, exploring positive and social psychology. Please join us for a stimulating film, engaging discussion, and some lunch time treats.

*Thanks to Metropolitan State College of Denver  
for sponsoring this event!*

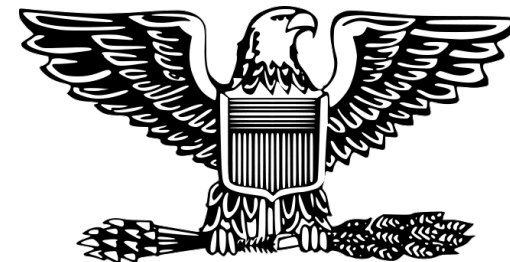
## **RMPA SYMPOSIUM**

### *The Failure of Whistleblowing: A Half-Century of U.S. Service Academy Honor Codes*

FREDERICK MALMSTROM and JAMES ORAKER,  
University of the Rockies and  
R. DAVID MULLIN, University of Colorado at Colorado  
Springs

*Saturday, 1:00 – 2:00 pm                      Sorrento 3 and 4*

From surveys of 2,465 randomly selected service academy graduates of the U.S. Military, Naval, and Air Force Academies, we investigated their self-admitted violations and adherence to the honor codes. Results from this longitudinal survey of graduates of classes of 1959 through 2010, indicates conservatively that more than 50% of academy graduates have, in retrospect, admitted to lying, cheating, stealing, and, especially, tolerating the dishonesty of other cadets and midshipmen at least once. Furthermore, the trend in toleration of dishonesty has been accelerating. Major contributing factors to this increase in lying, cheating, and stealing appear to be both cynicism and a lack of resolve to report or even confront classmates on their lapses in both ethics and honor. Our findings have implications in explaining the failures of federal mandates as the Sarbanes-Oxley Law and the Whistleblower Protection Act.



## Clinical Oral 1

Oral Paper Session, Saturday, 1:00 – 2:00 pm, Naples 2

Moderator: STEVE BARNEY, Southern Utah University

1:00

Problematic Text Messaging, Attachment Style, and Obsessive-Compulsive Tendencies

TESSNIM AHMAD AND THERESA KAY

Weber State University

As texting has become a popular communication form, researchers have begun to study its use and misuse. This study examined relations between problematic texting, attachment style, and obsessive-compulsive tendencies. Problematic texting showed significant positive correlations with anxious attachment and obsessive-compulsive tendencies.

1:15

The Effects of Journaling on Academic Self-Efficacy, Self-Efficacy, Course Engagement, and Test Anxiety Among College Students

HANNAH VONTZ AND MARIAH RAMOLD

University of Nebraska at Kearney

The effects of reflective journaling on students' self-efficacy, course engagement, and test anxiety were examined. Data were collected from three psychology courses. Within subjects data were analyzed for times when students journaled compared to times when they did not journal during the same semester. Results will be discussed.

Faculty Sponsor: Dr. Krista Fritson

1:30

Treatment for Interpersonal Violence Offenders: Theories and Efficacy

TANDIS HASHEMI, JONATHAN LUSSIER, JACQUELIN FIEGL, VANESSA FARRERA, GREGORY SEIBERT, MARY KAY SHARPE, JOSIAH MILLER, PAULO ARROYO, AND TRAVIS HEATH

Metropolitan State College of Denver

Interpersonal violence is an issue that remains a consistent plague among couples of all walks of life regardless of race, ethnicity, sexual orientation and socioeconomic status. While Cognitive Behavioral Therapy has been found to be an effective form of treatment, this paper would focus on different forms of treatment.

1:45

Parenting Behaviors as Predictors of Child Aggression

TESSA SALISBURY, KAT GREEN, AND JARED WARREN

Brigham Young University

Parenting behaviors as predictors of child aggression were examined. Four hundred fifty parents completed questionnaires assessing their level of parental monitoring, media monitoring, proactive parenting, marital conflict, and their child's aggression level. Parental monitoring and marital conflict were found to be predictive of child aggression.

## Psi Chi Leadership Program

*Using Your Personal Strengths to  
Develop Leadership Potential*

*Saturday, 1:00 – 2:00 pm*

*Naples 4*

Presenters:

SUSAN E. BECKER & KRIS TRIMBLE, Colorado Mesa University

This workshop will provide resources and strategies for students and faculty to develop productive leadership in your club/chapter, research and community activities. Using a personality based system (assessment provided to first 30 in attendance) we will help attendees explore their leadership strengths and develop a method for working with others who have different strengths and challenges.

## RMPA WORKSHOP

**Exploring the Socio-emotional Dimensions  
of Gifted Adolescents**

*Saturday, 1:00 – 2:00 pm*

*Naples 1*

Presenters:

KARIN DITTRICK-NATHAN, SHAYNA BRODY WHITEHOUSE, MARCY WILLARD, KIRSTEN BROWN, AND LESA SCHIRMACHER

University of Denver

Adolescence is frequently associated with “storm and stress.” How do adolescents with characteristics such as perfectionism and intensity maneuver through what is already considered a stressful stage of life? This workshop will explore how to support gifted adolescents to flourish socially and emotionally.

## RMPA Presidential Address

### Historical and Contemporary Perspectives of Confession Evidence



**WILLIAM DOUGLAS  
WOODY**

University of Northern Colorado

*Saturday, 2:10 – 3:10 pm  
Sorrento 3 and 4*

Moderator: NANCY KARLIN, University  
of Northern Colorado

Views of confession evidence continue to change radically in Western culture. Prior to the 1930s, secular and ecclesiastical courts as well as police forces accepted physical coercion (i.e., torture) as an appropriate method to inspire true confessions. In the 1930s, the Wickersham Report publicized the torture by police, and courts enacted legal reforms for treatment of suspects (e.g., *Brown v. Mississippi*, 1936). Since these reforms, police and other interrogators moved to psychological tactics, including deception, to induce confessions. In the mid-1900s, trainers of police interrogators (e.g., Inbau, Reid, and others) argued that confessions remained overwhelmingly likely to be true, but Western scholars of communist interrogation (e.g., Lifton, Sargant, Merloo, and others) readily accepted the possibility that psychological tactics could induce false confessions. I will conclude with recent debates and developments in the study of interrogation and confession as well as our recent scholarship regarding jurors' perceptions of confession evidence.



## Personality Oral

Oral Paper Session, Saturday, 2:10 – 3:10 pm, Naples 3

Moderator: JEANNINE KLEIN, University of Nevada Las Vegas

2:10

Through the Filter of Faith: An Examination of How Individuals Construct and Define Meanings in Their Lives

SHERRI SASNETT

University of Wyoming

This research examines how people are creating meanings in their lives during a period of conflict. Religion serves as the filter, and the issue of homosexuality is the catalyst for change forcing a group of individuals to redefine their religious identities.

2:25

Psychological Hardiness Among College Athletes and Students

GRANT C. CORSER, HILARY J. BRODERICK, LAUREL UDY, AND STEVEN HYDE

Southern Utah University

In this paper we discuss data regarding dispositional resilience (hardiness). Differences between NCAA student-athletes and non-athletes are highlighted. Although it might be predicted that there should be many differences between athletes and non-athletes, in terms of hardiness, results indicated only minor (though significant) differences.

2:40

Persuasion and the Five Factor Model of Personality

GRANT C. CORSER, STEVEN HYDE, HILARY J. BRODERICK, AND LAUREL UDY

Southern Utah University

The FFM of personality proposes that personality can be described through five broad traits. The theoretical model proposes that these traits are predictive of specific behaviors. In this presentation, the FFM was used to test whether the traits predicted susceptibility to persuasion. Results are discussed from a personality trait perspective.

2:55

Measuring and Defining Exaggeration as a Trait

DALLAS HALL, GARRETT STROSSER, AND STEVE BARNEY

Southern Utah University

Exaggeration, consisting of magnification of emotions, difficulty, importance, extent of effect, probability, and duration were measured. Students answered projection-style and peer-review questions on a computer based survey. Survey scores were evaluated as a function of exaggeration.



## Psi Chi Leadership Program

*On Flattery and Faltering:  
Recognizing and Warding-off Plagiarism*

*Saturday, 2:10 – 3:10 pm*

*Naples 4*

Moderator: MELANIE DOMENECH RODRIGUEZ, University of Utah

Panelists:

CASEY J. ZOBELL, HEATHER N. HADERLIE & JESSICA L. CHRISTENSEN, University of Utah

Plagiarism, the sincerest form of flattery, can also be your one way ticket out of school. In three collaborative projects, Psi Chi members will share their findings on the presence of plagiarism in indexed doctoral dissertations and their techniques for identifying and preventing plagiarism. Learn how avoid the plagiarism trap.

## RMPA EARLY CAREER AWARD WINNERS



- 2003 William Douglas Woody,  
University of Northern Colorado
- 2004 Britton Mace, Southern Utah University
- 2005 Michelle Butler, US Air Force Academy
- 2006 Carla Reyes, University of Utah
- 2007 Krista Forrest, Univ. of Nebraska at Kearney
- 2008 Cheryl Sanders, Metro State College of Denver
- 2009 Jeff Elison, Southern Utah University
- 2010 Aaron Richmond, Metro State College
- 2011 Layton Curl, Metro State College of Denver
- 2012 *To be announced at closing session*

## RMPA Award Finalists 1

Oral Paper Session, Saturday, 2:10 – 3:10 pm, Naples 6

Moderator: ROXANNE SULLIVAN, Bellevue University

2:10

What Predicts Alcoholic Consumption in College Students? The Impact of Contingencies of Self-worth, Motivations to Drink, and Gender on Binge Drinking

KRISTIN BROUSSARD, SHARON WHARTON, JACKEE LABARBERA, AND KAREN GARVEY, Metropolitan State College of Denver

Excessive drinking among college students has many negative effects including health problems, injury, increased instances of sexual assault, property damage, and death. Understanding why college students drink can help to prevent excessive drinking and the corresponding negative effects. The purpose of this study was to examine the correlations between contingencies of self-worth and motivations to drink.

Faculty Sponsor: Dr. Lisa Kindleberger Hagan

2:25

Personality Traits and Bullying

CRYSTAL COLLINS, Metropolitan State College of Denver

Personality traits and self-reports of bullying were examined. Students (N=116) were asked to rate themselves on a personality self-assessment and report instances of bullying on a bully/victim questionnaire.

Participants scoring low on the personality factor of agreeableness were significantly more likely to report being a victim of bullying.

Faculty Sponsor: Dr. Lesley Hathorn

2:40

Predicting How the Opposite Sex Seeks Social Support

BROOKE BROWN, University of Nebraska at Kearney

This study examined the ability of men and women to predict how the opposite sex would seek social support after a relationship break-up. Participants indicated what they would do and what they expected the opposite sex would do. Men and women were almost equally inaccurate in predicting each other's behavior.

Faculty Sponsor: Dr. Richard L. Miller

2:55

"I'm Homeless Not Hopeless": An Exploration of Homeless Adults' Attachment-Based Narratives

JEFFREY D. ROCHE, University of Northern Colorado

The effects that one's attachment history had on becoming homeless, life outlook, and sense of community were explored. Ten narratives were deconstructed to extract themes. Themes included: attachment experiences impacted one's behavior and outlook, use of identity hierarchy and compartmentalization to maintain esteem, and obvious resilience.

Faculty Sponsor: Dr. Maria Lahman

## RMPA Award Finalists 2

Oral Paper Session, Saturday, 3:20 – 4:20 pm, Naples 6

Moderator: ROXANNE SULLIVAN, Bellevue University

3:20

Lay Perceptions of Factors that Lead to True and False Confessions

SKYE A. WOESTEHOFF, University of Texas at El Paso

The present study evaluated beliefs about why someone would truthfully and falsely confess. Participants thought innocent suspects would confess for different reasons than guilty suspects. Participants recognized interrogative tactics as likely to elicit a confession; participants not exposed to those tactics did not spontaneously generate them.

Faculty Sponsor: Dr. Christian Meissner

3:35

Frontal Cortex is Differentially Involved in Shifts of Internal and Perceptual Attention

RYAN T. TANOUE, University of Nevada, Reno

Transcranial direct current stimulation (tDCS) was applied to frontal (F4) and parietal (P4) cortices to study whether they are differentially involved in shifts of internal and perceptual attention. Frontal tDCS had a greater negative impact on internal attention, suggesting that internal attention relies more heavily on the frontal cortex.

Faculty Sponsor: Dr. Marian E. Berryhill

3:50

Predicting Dual-Task Driving Performance by Reported Likelihood to Reply to a Text Message

JAMES COLEMAN, JONNA TURRILL, AND NATE MEDIEROS-WARD  
University of Utah

Ninety-five students completed both single and dual task driving conditions and filled out a survey indicating their driving behaviors. While their own driving performance estimates did not significantly predict actual driving performance, their likelihood of responding to text messages did.

Faculty Sponsor: Dr. David Strayer

4:05

Educational Attainment and Meaning in Life as Predictors of Life Satisfaction

YERIN SHIM, LAUREN MILLARD, AND ANDREW OGLE  
Colorado State University

A hierarchical regression analysis of the nationally representative MIDUS II dataset produced a statistically significant model where gender, educational attainment and meaning in life accounted for 28% of variance in life satisfaction. Meaning in life had the greatest predictive value. No significant interaction between educational attainment and meaning in life was found.

Faculty Sponsor: Dr. Kimberly Henry

## RMPA WORKSHOP

### *Counseling Victims of Prejudice with a Unique Cognitive Approach*

*Saturday, 3:20 – 4:20 pm*

*Naples 1*

Presenter: KEY SUN, Central Washington University

Although there are many advances in research on prejudice, few investigations can be found on counseling and treating the victims of prejudice. This study will introduce a practice of addressing the victims' needs by using the perspective that views prejudice as a manifestation of the perpetrator's cognitive distortions.

## RMPA WORKSHOP

### *The Inside Scoop: Student Perspectives on Student Management Teams*

*Saturday, 3:20 – 5:00 pm*

*Naples 2*

Presenters:

DAWN GOERS AND MITCH HANDELSMAN, University of Colorado Denver

A Student Management Team (SMT) consists of 4-5 currently enrolled students who meet regularly during a course to monitor the course and provide suggestions for improvement. This workshop will demonstrate, from students' perspectives, how SMTs work to evaluate and improve courses via proactive and collaborative interactions.

## Personality/Clinical/Psychopathology/ Military Posters

Poster Session, Saturday, 3:20- 4:20 pm, Naples 7

**1**

Does the Optimistic Bird Think S/he Will Get the Worm? An Investigation of Dispositional Optimism and Job Seeking Strategies

CHASITY NEWMAN, WANDA BOUCHARD, TIANA POWELL, TRAVIS SKODACK, AND KIMBERLY MCADAMS

Boise State University

Because optimism is related to improved life outcomes and more effective problem-solving strategies, we investigated if optimism is also related to solving occupational problems. Although optimism was significantly related to positive coping strategies, only positive coping strategies were related to idea quality in this brainstorming exercise.

**2**

No One Likes a Critic: An Investigation of How Optimism Protects Relationships Through Decreased Negativity

CHARLOTTE TOMEVI, CHEYENNE

JONES, MEGAN DONNELLEY, KATIE NIEMANN, AMBER WILLIAMS, AND KIMBERLY MCADAMS

Boise State University

Optimism is associated with cooperative problem solving, explaining why optimists experience increased relationship quality. However, these studies only used self-reports. Objective raters coded diary entries of couples. Optimists engaged in fewer negative problem-solving behaviors with their partners, thereby explaining the previous association.

**3**

The Personality of Sex: An Investigation of the Relationship Between The Big Five Personality Traits and Participation in Explorative Sexual Behaviors

CHEYENNE JONES AND KIMBERLY MCADAMS

Boise State University

The relationship between participation in sexually explorative acts and personality was examined. Two hundred and fifty-nine students completed a questionnaire about personality and participation in different types of sexual activity. Trends show that the personality traits of agreeableness and extroversion are positively correlated with overall sexually explorative activities.



**4**

Improving Sleep Quality among College Students through Mindfulness Meditation

EMILY HOLLOWAY

Metropolitan State College of Denver

Stress-related insomnia affects various populations within the United States. The present study focused on mindfulness meditation as a stress intervention strategy. Surveys of 56 college students revealed a negative relationship among sleep quality and mindfulness meditation, suggesting it is a viable alternative in treating stress-related insomnia.

Faculty Sponsor: Dr. Martin Lanik

**5**

Differences in Problem Behaviors Across Youth Who Endorsed Versus Those Who Did Not Endorse Suicidal Thoughts and Behaviors Among a Justice-Involved Sample

ELISA DEVARGAS, TROY WEELDREYER, HILARY MEAD, AMANDA ORTIZ-BRIGGS, AND SARAH FELDSTEIN EWING

The Mind Research Network, University of New Mexico

The current study examined differences in problem behaviors across youth who endorsed vs. did not endorse suicidal thoughts and behaviors. Adolescents who endorsed suicide items reported more negative consequences as a result of alcohol and marijuana use and scored higher on depression and impulsivity.

**6**

A Test of the Anger Consequence Hypothesis: Intrapersonal and Interpersonal Consequences

LAUREN E. GANNON, AARON M. OPPERMAN, AND JERRY L.

DEFFENBACHER

Colorado State University

Compared to low-anger students, high-anger students reported that their anger led to more frequent consequences involving physical aggression/injury to others, verbal fights, property damage, reckless driving, work relationships, friendships, and mixed serious outcomes, confirming the consequence hypothesis of the State-Trait model.

**7**

The Effects of Achievement Goals and Feedback on Performance

JAMES ESTES

Regis University

The interaction between goal type orientation and feedback type on cognitive performance was examined. Sixty students were administered the Achievement Goal Scale, the WAIS-R Block Design performance test, and the Task Enjoyment Scale.

Faculty Sponsor: Dr. Rebecca Betjemann

## Personality/Clinical/Psychopathology/ Military Posters (cont.)

8

Post Traumatic Stress Disorder (PTSD) Across Generations and Levels of Compassion as a PTSD Predictor

CARL MULLEN AND SUSAN KRAUS

Fort Lewis College

This study compared recent combat veterans to Vietnam-era veterans to examine effects of stress and coping training on PTSD, Compassion, Resiliency and Hope. Results suggest no difference in levels of PTSD despite difference in levels of training and that compassion measures could be used to predict PTSD.

9

Cognitive Behavioral Therapy for Adults with Substance Abuse Disorders: A Meta-Analysis of Randomized Controlled Trials Since 2007

CODY J. BAYLES

Northern Arizona University

A meta-analysis was conducted assessing the effectiveness of cognitive-behavioral therapy (CBT) to treat persons with substance abuse disorders (SUD) to update a previous study by Magill and Ray (2009). Magnitude of treatment effects were analyzed from randomized controlled trials of CBT related to SUD conducted between 2007-2011.

Faculty Sponsor: Dr. William Martin Jr.

10

Understanding Properties of the WISC-IV Word Reasoning Subtest

KIMBERLY PAINTER, BLAIR HAMEL, AND SUSAN TINSLEY LI

Pacific University

Properties of the WISC-IV Word Reasoning subtest were analyzed in a sample of 76 youth. Participants were administered all WISC-IV subtests including supplementals. Results suggest Word Reasoning is significantly correlated with verbal comprehension and global intelligence. Additional analysis into validity of individual items will be conducted.

11

Identity and Stereotypes: What our Names and the Cars We Drive Say about Us

CHRISTOPHER DIEPEVEEN AND LYNN H. WHITE

Southern Utah University

Personal identity is central to one's life, and given names are an important part of that identity. To what extent are names stereotyped, and do people with those names behave according to the stereotype? Participants completed a survey designed by the investigators to find out.



12

A Psychological Profile of Homeless Youth: Associations Between Psychopathology and Characteristics of Homelessness

KIMBERLEE TAYLOR, RACHEL PETERSON, MATT PRANTE, KATHLEEN MOORE, JAYME DAY, AND JAMISON FARGO

Utah State University

Homeless youth are especially vulnerable to psychological disorders, which may be exacerbated by the hazards of street life. A survey of 102 homeless youth was used to examine the psychological status of homeless youth. Results showed significant relationships between four dimensions of psychopathology and abuse, domestic violence, and suicide attempts.

13

Religiosity of Self, Perceived Religiosity of Spouse, and Correlation with Marital Satisfaction

JESSICA BICKLEY AND ANDREA SLAGER

Weber State University

The relationship between religiosity of self, perception of romantic partner's religiosity, and relationship satisfaction was examined. Participants were administered religiosity and satisfaction inventories through an online survey. Preliminary results found a strong negative correlation between difference in intrinsic religiosity and satisfaction. Faculty Sponsor: Dr. Todd Baird

14

Understanding the Effects of Culturally Informed Treatment on Hispanic Adolescent Substance Use and Family Environment

ALBERTO VARELA<sup>1</sup> AND DANIEL A. SANTISTEBAN<sup>2</sup>

University of Utah<sup>1</sup>, University of Miami<sup>2</sup>

The current study will examine the effects of a culturally informed flexible family-based treatment for adolescents on substance use and family environment among Hispanic adolescents. Multilevel modeling will be used to test the hypotheses that adolescents in the CIFTA program will report better outcomes compared to traditional therapy.

15

Impacts of Blame Assignment and Cause of Death on Prolonged Grief Symptomatology and Suicide Risk

ELIZABETH RUECHEL, JEFFREY RINGS, AND ANNETTE PETERS

University of Northern Colorado

The purposes of this study were to examine the impacts of blame assignment and cause of death (traumatic or not) on the development of prolonged grief symptom severity and risk of suicide. The study was a secondary data analysis with results and recommendations forthcoming.

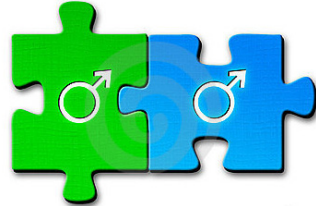
## Personality/Clinical/Psychopathology/ Military Posters (cont.)

16

Prolonged Grief Symptom Severity and Suicide Risk among Bereaved LGBTQ Undergraduates

ANNETTE PETERS, ELIZABETH RUECHEL, AND JEFFREY RINGS  
University of Northern Colorado

This study's primary aim is to assess for prolonged grief symptom severity and suicide risk among bereaved LGBT and heterosexual undergraduates. It was hypothesized that LGBT persons would exhibit significantly higher rates of these two constructs than would heterosexuals. Results, conclusions, and future research recommendations will be offered.



17

Adult Temperament and Personality and Relationships to Chronic Pain Coping Mechanisms

DANIELLE GREEN  
Westminster College

The purpose of this study was to explore the possible relationship between coping mechanisms (measured by the CSQ24) used by adult chronic pain patients and temperament. Pilot data (N=22) suggested that there may be correlations between temperament factors and coping mechanisms. Further data has been collected prior to presentation. Faculty Sponsor: Dr. Jennifer Simonds

18

An Examination of the Field of Wilderness Therapy and its Outcomes

PETER G. TAUBER

Utah State University

Wilderness Therapy (WT) has emerged as a promising treatment for a wide variety of problematic behaviors of troubled teenagers. The study served to: (1) describe the current state of WT programs and their participants, (2) examine outcomes for WT participants, and (3) describe theoretical processes underlying change. Faculty Sponsor: Dr. Camille Odell

19

Mindful Awareness Intervention for Test Anxiety

AARON COMBS

Dixie State College

This paper examines the effect of mindful awareness on test anxiety and the effectiveness of a mindful awareness audio intervention on mindful awareness and test anxiety scores. No statistically significant effects were seen.

20

Psychosocial and Academic Factors Attributed to Native Americans' Success in Higher Education

MICHAEL P. ADAMS AND WILLIAM E. MARTIN JR.

Northern Arizona University

Across the academic literature, the factors relating to American Indian student success in higher education were extracted and examined. A total of 426 factors were identified from 54 articles and grouped into 16 categories that describe factors attributed to Native American student academic success in post-secondary settings.

21

Later Life Repartnering and the Family System: The Current State of the Literature

JANAE R. SONES

University of Northern Colorado

The current literature on late-life repartnering and its effects on the family system were examined. Generally, the research focused on the reasons and predictors for repartnering, the unique forms of these relationships, and the complex integration into a family system. Future directions were identified and briefly explained.

Faculty Sponsor: Dr. Jeffrey Rings

22

The Mind of a Gamer: Is Personality Related to Gaming Preferences?

JOSHUA SUKEENA, ANDREW MOORE, AND MEREDITH MINEAR

The College of Idaho

Is there a link between personality and the reasons people play video games? We created gaming categories based on the motivations for playing and the types of games played: social gamer, addictive gamer, competitive gamer, casual gamer, and immersive gamer. We found significant relationships between personality traits and gaming styles.



## Clinical Oral 2

Oral Paper Session, Saturday, 4:30 – 5:30 pm, Naples 1

Moderator: STEVE BARNEY, Southern Utah University

4:30

Adherence Scale Development for Mindfulness-Based Cognitive Therapy for the Prevention Of Postpartum Depression

COLIN BOSMA, SAMUEL HUBLEY, SHERRYL GOODMAN, AND SONA DIMIDJIAN

University of Colorado at Boulder

This study focused on the adaptation of the Mindfulness-Based Cognitive Therapy (MBCT) adherence scale to rate MBCT sessions with women who are at risk for perinatal depression. We also examined interrater reliability, with a particular focus on the viability of using novice undergraduate coders.

4:45

Use of Multilevel Modeling to Determine Efficacy for the Young Parenthood Program.

ALBERTO VARELA AND JASON BURROW-SANCHEZ

University of Utah

The purpose of the current study was to test the efficacy of a teen parenting intervention. One hundred seventy adolescent parents were interviewed about their relationship with their partner and administered outcome measures to assess level of functioning. Results indicated various differences for quality of relationship, depression, drug use, and delinquency.

5:00

What Works in Psychotherapy: Qualitative Accounts of Psychotherapists and Clients

TRAVIS HEATH<sup>1</sup>, MARY SEAN O'HALLORAN<sup>2</sup>, AND MEAG-GAN WALTERS<sup>2</sup>

<sup>1</sup>Metropolitan State College of Denver and <sup>2</sup>University of Northern Colorado

This inquiry investigated what was found to be most helpful by clients and therapists in the process and outcome of psychotherapy. A narrative analysis was conducted and eight common themes emerged. Results showed that clients and therapists believed relationship factors were most important with regard to both process and outcome.

5:15

Advancing the Case for Mindfulness-Based Training with Athletes

JOSHUA KIRBY, ROBERT ROUAULT, AND JUDY HO

Pepperdine University

Despite the growing popularity in research on mindfulness training, limited studies have been conducted on its effects on athletic performance. This presentation will review studies in mindfulness in specific samples, discuss how these findings may generalize to athletes, and provide suggestions for future research and clinical applications.

## Comparative Oral

Oral Paper Session, Saturday, 4:30 – 5:30 pm, Naples 3

Moderator: JEFF ELISON, Adams State College

4:30

Using Type-Token Ratio as Measurement for Lexical Diversity in Chimpanzee Conversations

SUSAN ANN KEENAN AND MARY LEE JENSVOLD

Central Washington University

Type-token ratio (TTR) is a measure of lexical diversity. The vocabulary of four adult cross-fostered signing chimpanzees was examined using TTR. Two samples of utterances were selected for analysis and indicate TTR is another way to describe the chimpanzees' use of signs.

4:45

Audible Communication Comparison of Western Lowland Gorillas (*Gorilla gorilla gorilla*) and Virunga Mountain Gorillas (*Gorilla beringei beringei*)

LISA WILDING

Central Washington University

Audible communications of western lowland gorillas (*Gorilla gorilla gorilla*) and Virunga Mountain gorillas (*Gorilla gorilla beringei*), two distinct species, were compared in frequency and duration. Results indicate that many of the audibles were acoustically similar between these gorilla subspecies, but there were differences as well.

Faculty Sponsor: Dr. Mary Lee Jenvold

5:00

Hemispheric Lateralization of Sound

LAUREN KOLKER AND LESLEY HATHORN

Metropolitan State College of Denver

This study examined hemispheric lateralization of emotional affective sounds through a dichotic-like listening task. Positive and negative sounds from men, women, dogs, and dolphins were played to participants in either the left or right ear while judgments and reaction times were recorded. Results indicated a right hemisphere advantage.

5:15

A 90 Day Case Study Employing Operant Conditioning Principles in a Wild (feral) Horse

LAUREN KOLKER AND LESLEY HATHORN

Metropolitan State College of Denver

This case study applied operant conditioning principles in the training of a wild/feral horse and evaluated their effectiveness over a period of 90 days. Results indicated that these methods were not only effective, but effectiveness increased the longer the horse was in training and at variable levels of behavior difficulty.

## Education/School Oral

Oral Paper Session, Saturday, 4:30 – 5:30 pm, Naples 5

Moderator: RONA MCCALL, Regis University

4:30

The Effects of Fitness Balls as Chairs in Elementary Classrooms

KRISTA K. FRITSON

University of Nebraska at Kearney

The emotional and behavioral effects from using fitness balls as chairs for elementary students were studied. Data from 18 students who used fitness balls as chairs was compared to data from 19 students who used traditional chairs. Students using fitness balls showed greater improvements in mood and internalization of problems than controls.

4:45

The Effects of Stereotype Threat on the Test Performance of College Students with Physical Disabilities

MACKENZIE L. BOHL AND DESTINEE A. NELSON

University of Nebraska at Kearney

This study examined whether individuals with a physical disability, who were primed with a stereotype threat about disabilities, would subsequently have decreased test performance. Results indicated the opposite was true. Individuals with a physical disability that received a stereotype threat actually performed better than all other participants.  
Faculty Sponsor: Dr. Richard L. Miller

5:00

Using Fictional Character Images to Teach Autistic Children to Recognize Facial Expressions

MACKENZIE L. BOHL AND KRISTA D. FORREST

University of Nebraska at Kearney

We examined whether exposing familiar cartoon characters displaying facial expressions can improve expression detection in children with an Autism Spectrum Disorder. Although we expected children exposed to favorite character's facial expressions would outperform controls, a ceiling effect occurred suggesting our sample already had these skills.

5:15

Self-Efficacy: A Measure of Teaching Methods in Writing

LESLIE ARELLANO BROWN

Westminster College

The relationship between instruction methods in college introductory writing courses and students' writing self-efficacy were investigated. More specifically, we examined whether specific methods (or a combination of methods) correlate with increased self-efficacy.

Faculty Sponsor: Dr. Christopher LeCluyse

## RMPA Closing Session, Awards Ceremony, and President's Reception/Social Hour



The RMPA Awards Ceremony will occur at 5:30 pm at the beginning of the closing session.



After awards, we will have reports of RMPA Business for 2011-2012.

**Saturday 5:30 - 7:00 pm Capri 1 and 2  
(take escalator up to fourth floor ballrooms)**

**WILLIAM DOUGLAS WOODY,  
University of Northern Colorado,  
Chair and Host**

**RMPA  
Executive Committee Meeting**

**Sunday 8:00 am - 1:00 pm      Room 1747**

**WAYNE WEITEN, RMPA President 2012-2013  
University of Nevada Las Vegas, Chair**

**ATTENTION STUDENTS!  
Journal of Psychological Inquiry  
Call for Papers**

1. All manuscripts should be formatted in accordance with the APA manual (latest edition).
2. Provide the following information:
  - (a) Names, current addresses, and phone numbers of all authors. Specify what address and e-mail should be used in correspondence about your submission,
  - (b) Name and address of your school,
  - (c) Name, phone number, address, and e-mail of your faculty sponsor, and
  - (d) Permanent address and phone number (if different from the current one) of the primary author.
3. Include a self-addressed stamped envelope of proper size and with sufficient postage to return all materials.
4. Send three (3) hard copies and one (1) electronic copy (CD-rom) of the 3-5 page manuscript in near letter quality condition using 12 point font.
5. Include a sponsoring statement from a faculty supervisor. (Supervisor: Read and critique papers on content, method, APA style, grammar, and overall presentation.) The sponsoring statement should indicate that the supervisor has read and critiqued the manuscript and that writing of the essay represents primarily the work of the undergraduate student.

Send submissions to:

Dr. Robert Rycek  
Department of Psychology  
University of Nebraska at Kearney  
Kearney, NE 68849

**See next pages for sections**

***Invitation to Contribute to the  
Special Features Section—I***

Undergraduate students are invited to work in pairs and contribute to the Special Features section of the next issues of the Journal of Psychological Inquiry. The topic is:

***Evaluating Controversial Issues***

This topic gives two students an opportunity to work together on different facets of the same issue. Select a controversial issue relevant to an area of psychology (e.g., Does violence on television have harmful effects on children?—developmental psychology; Is homosexuality incompatible with the military?—human sexuality; Are repressed memories real?—cognitive psychology). Each student should take one side of the issue and address current empirical research. Each manuscript should make a persuasive case for one side of the argument.

Submit 3-5 page manuscripts. If accepted, the manuscripts will be published in tandem in the Journal.

***Note to Faculty:***

This task would work especially well in courses that instructors have students debate controversial issues. Faculty are in an ideal position to identify quality manuscripts on each side of the issue and to encourage students to submit their manuscripts.

***Invitation to Contribute to the  
Special Features Section—II***

Undergraduate students are invited to contribute to the Special Features section of the next issue of the Journal of Psychological Inquiry. The topic is:

***Conducting Psychological Analyses – Dramatic***

Submit a 3-5 page manuscript that contains a psychological analysis of a television program or movie.

**Option 1—Television Program:**

Select an episode from a popular, 30-60 min television program, describe the salient behaviors, activities, and/or interactions, and interpret that scene using psychological concepts and principles. The presentation should identify the title of the program and the name of the television network. Describe the episode and paraphrase the dialogue. Finally, interpret behavior using appropriate concepts and/or principles that refer to the research literature. Citing references is optional.



***Invitation to Contribute to the  
Special Features Section—II (cont.)***

**Option 2—Movie Analysis:**

Analyze a feature film, available at a local video store, for its psychological content. Discuss the major themes but try to concentrate on applying some of the more obscure psychological terms, theories, or concepts. For example, the film *Guess Who's Coming to Dinner?* deals with prejudice and stereotypes, but less obviously, there is material related to attribution theory, person perception, attitude change, impression formation, and nonverbal communication. Briefly describe the plot and then select key scenes that illustrate one or more psychological principles. Describe how the principle is illustrated in the movie and provide a critical analysis of the illustration that refers to the research literature. Citing references is optional.

***Invitation to Contribute to the  
Special Features Section—III***

Undergraduate students are invited to contribute to the Special Features section of the next issue of the Journal of Psychological Inquiry. The topic is:

***Conducting Psychological Analyses – Current Events***

Submit a 3-5 page manuscript that contains a psychological analysis of a current event. News stories may be analyzed from the perspective of any content area in psychology. The manuscript should describe the particular event and use psychological principles to explain people's reactions to that event.

**Example 1:** Several psychological theories could be used to describe people's reactions to the destruction of the World Trade Center on September 11, 2001. Terror management research has often shown that after reminders of mortality people show greater investment in and support for groups to which they belong and tend to derogate groups that threaten their worldview (Harmon-Hones, Greenberg, Solomon, & Simon, 1996). Several studies have shown the link between mortality salience and nationalistic bias (see Greenberg, Simon, Pyszczynski, & Solomon, 1992). Consistent with these findings, the news reported that prejudice towards African Americans decreased noticeably after 9/11 as citizens began to see all Americans as more similar than different.

**Example 2:** A psychological concept that could be applied to the events of September 11 would be that of bounded rationality, which is the tendency to think unclearly about environmental hazards prior to their occurrence (Slovic, Kunreuther, & White, 1974). Work in environmental psychology would help explain why we were so surprised by this terrorist act.

The analysis of a news event should include citations of specific studies and be linked to aspects of the news story. Authors could choose to apply several psychological concepts to a single event or to use one psychological theory or concept to explain different aspects associated with the event.

**PSI CHI JOURNAL OF UNDERGRADUATE RESEARCH**<sup>113</sup>  
**CALL FOR PAPERS**



The Psi Chi Journal of Undergraduate Research encourages undergraduate students to submit manuscripts for consideration. Submissions are accepted for review on an ongoing basis. Although manuscripts are limited to empirical research, they may cover any topical area in the psychological sciences.

Please send ALL submissions and inquiries through the submission link below. Each paper goes through a 2–3 month review process before you will receive feedback. You will be notified of its acceptance or rejection, and any revisions required by the editor, by e-mail. Accepted manuscripts are published according to submission dates and revision turnaround time. If you have any additional questions, e-mail the Journal Editor at [randolph.smith@psichi.org](mailto:randolph.smith@psichi.org).

1. The primary author of a submitted manuscript must be an undergraduate student who is a member of Psi Chi. Manuscripts from graduate students may be submitted only if the work was completed as an undergraduate student and not more than 6 months has passed since graduation. Additional authors other than the primary author may include non-Psi Chi students as well as the faculty mentor. Membership verification information (member ID number) for the primary author must be included.
2. Only original manuscripts (not published or accepted for publication elsewhere) will be accepted.
3. All manuscripts must be prepared according to the Publication Manual of the American Psychological Association (5th or 6th ed.); if you are using the first printing of the 6th edition please check the APA Web site for errata.
4. What to submit:
  - A. A Microsoft Word electronic copy of the complete manuscript with figures, tables, and charts generated in either Word or Excel. Any scanned images or illustrations must be at least 600 dpi resolution. All manuscripts are masked reviewed. Be sure that identifying names, affiliations, etc. appear nowhere on the manuscript (i.e., manuscripts should be free of clues to the identity of the authors).
  - B. An email address so that receipt of your manuscript can be acknowledged.
  - C. Your Psi Chi membership ID number along with along with an estimated (or actual) date of graduation should be included in the body of your e-mail.
  - D. A sponsoring statement from the faculty supervisor who attests:
    - i. that the research adhered to APA ethical standards;
    - ii. that the mentor has read and critiqued the manuscript on content, method, APA style, grammar, and overall presentation and mentor affirms that it is high-level work; and
    - iii. that the planning, execution, and writing of the manuscript represent primarily the work of the undergraduate student.

Before submitting, refer to the “Checklist for Manuscript Submission” found on APA’s Web site to check the accuracy of your paper for APA style. In addition, please be aware that APA has released Reprint Corrections to the first printing of the 6th edition. Check these on the APA Web site before submitting a manuscript in 6th edition style. To submit a file electronically, go to: <http://www.psichi.org/SignIn.aspx?ReturnUrl=%2fMembers%2fJournal.aspx>

## Psi Chi 2012 Award Recipients

*Presentation of these awards will occur on Friday from 6-8 pm at the Psi Chi Awards Ceremony in Naples 4.*

Psi Chi would like to honor the following papers for the Psi Chi Student Research Awards for 2012. These papers are presented in a session on Friday afternoon, and are followed by the Psi Chi Awards Ceremony at 6 pm.

*Development and Psychometric Properties of a New Scale: The Self-Report Scale for Schizoid Behaviors (SRSSB)*

**PETER D. MARLE, ALISA J. ESTEY, LAURA J. FINAN, AND KAREN-LEIGH A. OVERMANN**

University of Colorado Colorado Springs  
Faculty Sponsor: Dr. Frederick Coolidge

*Associations Between Informant Discrepancies of Parenting Behaviors and Externalizing Problems in Youth*

**KAT GREEN, TESSA SALISBURY, AND JARED WARREN**

Brigham Young University

*The Process of Cultural Identity Formation in College Students*

**ANNETTE PETERS**

University of Northern Colorado  
Faculty Sponsor: Dr. Basilia Softas-Nall

*Priming and the Brain: A Case of Unexpected Reverse Priming*

**HEIDI A. VULETICH**

Regis University  
Faculty Sponsor: Dr. Rona McCall

*Psychometrics of the Imaginative Involvement Questionnaire (IIQ): Addressing Positive Valence in Fantasy, Absorption, and Daydreaming*

**EMILEE R. NAYLOR**

Westminster College  
Faculty Sponsor: Dr. Jennifer Simonds

*The Effects of Nature and Urban Environments on Working Memory Capacity*

**ASHLEY L. PYNE, A. EVE MILLER, JASON M. WATSON, AND DAVID L. STRAYER**

University of Utah

## RMPA

### 2012 STUDENT PAPER AWARDS

(Winners will be recognized at the RMPA Closing Session)

Two special review committees read the abstracts submitted by the students for this competition. Thanks are due to **Paul Bell, Alice Healy, William Wallace, Eric Amsel, Joe Horvat, Bill Wozniak, Donna Gelfand, Judith Sugar, Steve Barney, and Myra Heinrich** for serving on the award review committee, **Roxanne Sullivan** for being Head Judge, and **Cheryl Sanders, Aaron S. Richmond, Bethany Fleck, and Bill Wozniak** for serving on the judge's panel.

### RMPA AWARD FINALISTS

**Congratulations to these students for outstanding papers!**

**These awards will be announced at the beginning of the RMPA Closing Session on Saturday at 5:30 pm.**

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*What Predicts Alcoholic Consumption in College Students? The Impact of Contingencies of Self-worth, Motivations to Drink, and Gender on Binge Drinking*

**KRISTIN BROUSSARD, SHARON WHARTON, JACKEE LABARBERA, AND KAREN GARVEY**

Metropolitan State College of Denver  
Faculty Sponsor: Dr. Lisa Kindleberger Hagan

\*\*\*\*\*

*Personality Traits and Bullying*

**CRYSTAL COLLINS**

Metropolitan State College of Denver  
Faculty Sponsor: Dr. Lesley Hathorn

\*\*\*\*\*

*Predicting How the Opposite Sex Seeks Social Support*

**BROOKE BROWN**

University of Nebraska at Kearney  
Faculty Sponsor: Dr. Richard L. Miller

*"I'm Homeless Not Hopeless": An Exploration of Homeless Adults' Attachment-Based Narratives*

**JEFFREY D. ROCHE**

University of Northern Colorado

Faculty Sponsor: Dr. Maria Lahman

\*\*\*\*\*

*Lay Perceptions of Factors that Lead to True and False Confessions*

**SKYE A. WOESTEHOFF**

University of Texas at El Paso

Faculty Sponsor: Dr. Christian Meissner

\*\*\*\*\*

*Frontal Cortex is Differentially Involved in Shifts of Internal and Perceptual Attention*

**RYAN T. TANOUE**

University of Nevada, Reno

Faculty Sponsor: Dr. Marian E. Berryhill

\*\*\*\*\*

*Predicting Dual-Task Driving Performance by Reported Likelihood to Reply to a Text Message*

**JAMES COLEMAN, JONNA TURRILL, AND NATE MEDIEROS-WARD**

University of Utah

Faculty Sponsor: Dr. David Strayer

\*\*\*\*\*

*Educational Attainment and Meaning in Life as Predictors of Life Satisfaction*

**YERIN SHIM, LAUREN MILLARD, AND ANDREW OGLE**

Colorado State University

Faculty Sponsor: Dr. Kimberly Henry

**We would like to thank  
the American Psychological Association  
for contributing funds for these awards.**

# SPECIAL PRESENTATION

**83rd ANNUAL  
ROCKY MOUNTAIN  
PSYCHOLOGICAL ASSOCIATION  
CONFERENCE**

**APRIL 11-13, 2013**

**In Denver, CO**

**COME CHECK US OUT!**



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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
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1943/44	Robert H. Bruce	University of Wyoming
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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
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1967/68	Bernard Spilka	University of Denver
1968/69	Henry C. Ellis	University of New Mexico
1969/70	Ernst G. Beier	University of Utah
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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	Harl H. Young	Div. of Mental Health, Colorado
1976/77	W. C. Leiding	Lovelace Clinic, Albuquerque
1977/78	William F. Battig	University of Colorado
1978/79	Harrie F. Hess	University of Nevada, Las Vegas
1979/80	Sheila R. Deitz	Colorado State University
1980/81	David R. Thomas	University of Colorado
1981/82	Michael Wertheimer	University of Colorado
1982/83	Terry C. Daniel	University of Arizona
1983/84	Janet P. Wollersheim	University of Montana
1984/85	David W. Martin	New Mexico State University
1985/86	Nelson F. Jones	University of Denver
1986/87	David C. Raskin	University of Utah
1987/88	Lyle E. Bourne, Jr.	University of Colorado
1988/89	Donna M. Gelfand	University of Utah
1989/90	Lee B. Sechrest	University of Arizona
1990/91	Leonard Haas	University of Utah
1991/92	Nancy Felipe Russo	Arizona State University
1992/93	William P. Wallace	University of Nevada, Reno
1993/94	Joseph Horvat	Weber State University
1994/95	Alice F. Healy	University of Colorado
1995/96	Beatrix T. Gardner	University of Nevada, Reno
	William P. Wallace	Acting President, U. of Nevada
1996/97	Mark McDaniel	University of New Mexico
1997/98	Paul Bell	Colorado State University
1998/99	Roger Fouts	Central Washington University
1999/00	Elizabeth Glisky	University of Arizona
2000/01	Richard L. Miller	University of Nebraska at Kearney
2001/02	Wayne Viney	Colorado State University
2002/03	Mitch M. Handelsman	University of Colorado at Denver
2003/04	Karen Ford	Mesa State College
2004/05	Ross Loomis	Colorado State University
2005/06	Charles Honts	Boise State University
2006/07	Nancy Karlin	University of Northern Colorado
2007/08	Judith Sugar	University of Nevada Reno
2008/09	Bill Wozniak	University of Nebraska at Kearney
2009/10	Eric Amsel	Weber State University
2010/11	Pennie Seibert	Boise State University
2011/12	William Douglas Woody	University of Northern Colorado
2012/13	Wayne Weiten	University of Nevada, Las Vegas
2013/14	Steve Barney	Southern Utah University

## RMPA DISTINGUISHED SERVICE AWARDS

*In 1978 the Association started a procedure whereby members of the Association who have given their time and efforts over and above that which would be normally required should receive special recognition. That year, the Association established a Distinguished Service Award which was a small means whereby individuals could be afforded special recognition. Since that time several individuals have been so honored. The honorees are:*

1978	Bernard Spilka	University of Denver
1981	Ralph D. Norman	University of New Mexico
1982	William H Brown	Utah Psychological Center
	Alice R. Fehrenbach	Denver, Colorado
	Wilson J. Walthall	University of Wyoming
	Helen Wilson	Eastern Montana College
1983	Irwin H. Cohen	V.A. Hospital, Denver, Colorado
	Henry C. Ellis	University of New Mexico
	W. C. Leiding	Lovelace Medical Center
	Earl E. Swartzlander	Denver, Colorado
1984	Robert H. Bruce	University of Wyoming
	Harrie F. Hess	University of Nevada, Las Vegas
1985	Paul Porter	University of Utah
	Sheila Dietz	Colorado State University
1986	Janet Wollersheim	University of Montana
1987	Richard G. Weigel	Colorado State University
1988	W. C. Leiding	Lovelace Medical Center
	David Thomas	University of Colorado, Boulder
	Harl H. Young	Metropolitan State College
	Michael Wertheimer	University of Colorado, Boulder
1989	Sara Lyon James	SE Wyoming Mental Health Center
	Neil Bartlett	University of Arizona
1991	Theodore H. Cutler	University of Denver
1992	Len Haas	University of Utah
1993	Janet Kay Schnorr	Northern Arizona University
1994	Michael Wertheimer	University of Colorado, Boulder
1995	Robert L. Atwell	Denver, Colorado
1996	Karen E. Ford	Mesa State College
1997	William Wallace	University of Nevada, Reno
1998	Susan Bromley	University of Northern Colorado
	William J. Wozniak	University of Nebraska at Kearney
1999	No award given	
2000	Paul Bell	Colorado State University
2001	Kenneth Nikels	University of Nebraska at Kearney
2002	Pennie Seibert	Boise State University
	Roger Fouts	Central Washington University
2003	Rick Miller	University of Nebraska at Kearney
2004	Mitch Handelsman	University of Colorado at Denver
	Wayne Viney	Colorado State University
2005	Diane Martichuski	University of Colorado Boulder
2006	Alice Healy	University of Colorado Boulder
2007	Michelle Butler	U.S. Air Force Academy
	Mark McDaniel	Washington University
2008	Nancy Karlin	University of Northern Colorado
2009	Ross Loomis	Colorado State University
2010	Judith A. Sugar	University of Nevada Reno
2011	Cheryl Sanders	Metropolitan State College of Denver

## RMPA Convention Sites

1930	Boulder, CO	1972	Albuquerque, NM
1931	Greeley, CO	1973	Las Vegas, NV
1932	Fort Collins, CO	1974	Denver, CO
1933	Laramie, WY	1975	Salt Lake City, UT
1934	Golden, CO	1976	Phoenix, AZ
1935	Colorado Springs, CO	1977	Albuquerque, NM
1936	Denver, CO	1978	Denver, CO
1937	Boulder, CO	1979	Las Vegas, NV
1938	Greeley, CO	1980	Tucson, AZ
1939	Fort Collins, CO	1981	Denver, CO
1940	Denver, CO & Laramie, WY	1982	Albuquerque, NM
1941	Greeley, CO & Golden, CO	1983	Snowbird Village , UT
1942	No meeting	1984	Las Vegas, NV
1943	No meeting	1985	Tucson, AZ
1944	Denver, CO	1986	Denver, CO
1945	Boulder, CO	1987	Albuquerque, NM
1946	No meeting	1988	Salt Lake City, UT
1947	Colorado Springs, CO	1989	Reno, NV
1948	Greeley, CO	1990	Tucson, AZ
1949	Laramie, WY	1991	Denver, CO
1950	Fort Collins, CO	1992	Boise, ID
1951	Denver, CO	1993	Phoenix, AZ
1952	Boulder, CO	1994	Las Vegas, NV
1953	Albuquerque, NM	1995	Boulder, CO
1954	Laramie, WY	1996	Park City, UT
1955	Boulder, CO	1997	Reno, NV
1956	Grand Teton Natl Park, WY	1998	Albuquerque, NM
1957	Salt Lake City, UT	1999	Fort Collins, CO
1958	Santa Fe, NM	2000	Tucson, AZ
1959	Sun Valley, ID	2001	Reno, NV
1960	Glenwood Springs, CO	2002	Park City, UT
1961	Albuquerque, NM	2003	Denver, CO
1962	Butte, MT	2004	Reno, NV
1963	Cody, WY	2005	Phoenix, AZ
1964	Salt Lake City, UT	2006	Park City, UT
1965	Denver, CO	2007	Denver, CO
1966	Albuquerque, NM	2008	Boise, ID
1967	Salt Lake City, UT	2009	Albuquerque, NM
1968	Denver, CO	2010	Denver, CO
1969	Albuquerque, NM	2011	Salt Lake City, UT
1970	Salt Lake City, UT	2012	Reno, NV
1971	Denver, CO	2013	Denver, CO

Thursday April 12, 2012

PLACE/TIME	Naples 6	Naples 1 (TEACHING SESSIONS)	Naples 2 (TEACHING SESSIONS)	Naples 4 (STUDENT SESSIONS)
12:00 - 12:55 pm	Teaching Takeout			
1:00-1:55 pm		Develop Critical Thinking Skills in Your Students	Make It Your Best Presentation Yet!	Student/Faculty Relationships - Selecting a Mentor
2:00-2:55 pm	Carole Wade			Surviving Your First Year in Workplace with Bachelor's Degree
3:00-3:55 pm		High-Interest Psychology Courses for Non-Majors	Balancing Academia, Family, and Life	Developing Award Winning Research Ideas
4:00-4:55 pm		Student Engagement to Inspire Learning	Studying Psychology Abroad	Making the Most of Your Time at RMPA
5:00-5:55 pm	RMPA Opening Speaker - Baumeister (Naples 6 and 7)			
6:00 - 7:00	Teaching Posters and Kick-off Reception (Naples 6 and 7)			
7:00- 8:00				

Friday Schedule, April 13, 2012

DATE/TIME	Sorrento 3 and 4 (main speakers)	Naples 6 (main speakers)	Naples 7 (posters, exhibits)	Naples 4 (Psi Chi)	Naples 1	Naples 2	Naples 3	Other
8:00 - 8:30				Naples 4 Welcome Breakfast	Teaching 1	Law/Environment		
8:30 - 9:00			Educ/Health/Cmty /Relig/Div/IO/Sports posters		Using Therapeutic Metaphors		Ellis-Battig Memory Symposium	
9:10 - 9:40	Bootzin		Social/Environmental posters		Neuropsych			
9:40 - 10:10								
10:20 - 10:50		Wells		Conversation Hour (Bootzin)		Social 1		
10:50 - 11:20								
11:30 am to 1:00 pm	lunch break	lunch break	lunch break	Psi Chi Advisors lunch (in Sorrento 2)	lunch break	lunch break	lunch break	Diversity Conversation Hour with lunch (Room 1747)
1:00 - 1:30	Bickel			Graduate School Advice	Learning/Mem/ Cog	Social 2		
1:30 - 2:00					Memory	Improving the Odds		
2:10 - 2:40		Loewen						
2:40 - 3:10								
3:20 - 3:50	Arnett							
3:50 - 4:20					Social 3			
4:30 - 5:00		Rosenberg		PSI CHI Award winners Oral Session (start at 4 pm)				
5:00 - 5:30								
EVENING		Worth Publishers Social 6 to 8 pm (Sorrento 3 and 4)		PSI Chi Awards Ceremony 6 - 7 pm				

DATE/TIME	Sorrento 3 and 4 (main)	Naples 6 (main speakers)	Naples 7 (posters, exhibits)	Naples 4 (Psi Chi)	Naples 1	Naples 2	Naples 3	Naples 5	Other
8:00 - 8:30			Learning/Mem/Cog /Percep/Neuropsy posters	Psi Chi Coffee Break	teaching 2	Environmental symposium			
8:30 - 9:00			Law/Dev/Meas /Animal Expt /Comp posters	Psi Chi Leadership: Making the Most			Religion		
9:40 - 10:10	Wallace			Psi Chi Leadership: Cmnty Service	The Meaningful Life				
10:20 - 10:50		Bodamer					Perception/ Emotion		
10:50 - 11:20									
11:30 - 12 pm			lunch break	lunch break	lunch break	lunch break		Teaching planning luncheon (Sorrento 2 )	Diversity Video Series lunch (Room 1747)
12:00 - 12:30									
12:30 - 1:00									
1:00 - 1:30	The Failure of Whistleblowing			Psi Chi Leadership: Developing YOU	Exploring... Gifted Adolescents	Clinical 1			
1:30 - 2:00				Avoiding Plagiarism					
2:10 - 2:40	Woody	RMPA Award Finalists 1					Personality		
2:40 - 3:10									
3:20 - 3:50		RMPA Award Finalists 2	Personality/Clinical Pathology/Military posters		Counseling Victims of Prejudice	Student Management Teams			
3:50 - 4:20					Clinical 2				
4:30 - 5:00									
5:00 - 5:30								Comparative	Educational/ School
5:30 - 7:00			Closing Session, Awards, Reception (in Capri 1 and 2 - take escalator up from Naples area)						

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