



PSYNOPSIS ?
 PSYCHOLOGY DEPARTMENT NEWSLETTER

VOLUME 5, ISSUE 1

NOVEMBER 2012

From the Chair
 Jane Ellen Smith, Ph.D.



This is the 5th issue of the new and improved Psychology Department newsletter—and the fourth one since I became chair of the department four years ago. The purpose of the newsletter is to improve communication between the current Psychology Department members

(faculty, students, staff) and all of the people who have been an important part of the department in one way or another in the past. We welcome information from you to share. Contact Esther: etgold-en@unm.edu or Kim: klarran@unm.edu with your news. Specify that it is for the newsletter.

Undergraduate Education: We continue to grow in terms of undergraduate psychology majors. In 1996 we had 775 declared majors, and this year we had over **1700 majors**. A total of 379 bachelor's degrees in psychology were awarded. We offered a total of **40 online courses** last year!

Graduate Education: We have **75** graduate students in four main concentrations: Clinical; Cognition, Brain, & Behavior; Evolutionary/Developmental; and Health. The students had 86 publications this year. We received 244 applications to our graduate program, and we admitted a class of 12.

Faculty: The department was granted permission to do a search for a health psychologist. Dr. Kevin Vowles accepted our offer and joined us this Fall. We also had Dr. Katie Witkiewitz, an individual in the addictions area (a hire from the previous year), join our faculty this Fall. Overall, the faculty are doing very well! Although we had only 24 FTEs (a total of 25 voting faculty), as a department we published **131** articles, books, or book chapters last year. Depending on how you calculate it, that's an average of more than **5 publications** per faculty. Furthermore, we generated almost **\$8 million** in research funding.

We look forward to hearing from you!
 - Jane Ellen Smith, Ph.D., Professor and Chair

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NEW UNM President

Dr. Robert Frank—UNM Psychology Department Alumnus



Dr. Frank is the 21st President of UNM. He came to us from Kent State University, where he served as Provost and Sr. Vice President for Academic Affairs. Prior to that he was dean of the College of Public Health and Health Professions at the University of Florida. In 2011, Dr. Frank was appointed by the U. S. Department of Defense to the Defense Health Board, a federal advisory committee to the Secretary of Defense.

Why is Dr. Frank so special to us? He holds a doctorate in clinical psychology - from *here*. Not only did he work with our retired faculty member Dr. John Gluck, but Dr. Frank was John's first PhD student! Dr. Frank is a Diplomate in Clinical Psychology from the American Board of Professional Psychology. He was a Robert Wood Johnson Health Policy Fellow serving in the office of Senator Jeff Bingaman. Dr. Frank is past president of the Division of Rehabilitation Psychology of the American Psychological Association. He also is a Fellow in Rehabilitation Psychology, Clinical Psychology, and Health Psychology. Dr. Frank's scholarship focuses on the areas of psychological adjustment to catastrophic injury and health policy.

New Faculty Hires

Dr. Kevin Vowles



Dr. Vowles was hired as an Assistant Professor and joined the Department in August 2012. He received his PhD from West Virginia University in 2004 and worked abroad in the United Kingdom from 2005-2012. Kevin is a member of both the Health Psychology and Clinical areas. His research to date has examined psychological processes in chronic pain, particularly those that can be helped through psychological intervention. Kevin's work in this area has been cited by the Society of Clinical Psychology (Division 12 of the American Psychological Association) as evidence providing "strong" research support for psychological interventions for chronic pain. Kevin's wife, Janet, and daughter, Kaidyn, accompanied him in his move back to the US. The entire family is enjoying the varied cultures and landscape of New Mexico, as well as the consistent sunshine.

Dr. Katie Witkiewitz



Dr. Witkiewitz was hired as a tenured Associate Professor in the summer of 2011, but she started in the department in August 2012. She received her Ph.D. from the University of Washington in 2005. Her research focuses on studying the process of addictive behavior relapse and scientifically-supported treatments for addiction. These efforts have led to several empirical investigations on the mechanisms of successful addiction treatment outcomes, as well as the development of interventions to prevent addictive behavior relapse. The interventions include mindfulness based relapse prevention and group based relapse prevention. Katie is teaching an advanced statistics class for graduate students this semester.

New Senior Research Scientist: Dr. Teddy Warner



Dr. Warner is a Research Associate Professor in Family and Community Medicine, and has been an Adjunct Associate Professor in Psychology since 2005. Although he has taught various courses for us over the past decade, this fall he began teaching a normal 2/2 load in Psychology. He is a social psychologist with expertise in organizational behavior, research design, quantitative and qualitative data analyses, survey research, and psychometrics. He also teaches clinical research measurement and research ethics at the Clinical Translational Science Center, where he is an ethicist and core bio-statistical faculty member. He recently directed a 5-year NIMH/NHGRI study of ethical, legal, and social issues in psychiatric genetic research, and has begun collaboration on a funded multi-site 5-year NCI study of the Effects of Pre-Analytic Variables on Bio-Specimen Quality. As one of 3 UNM project Co-PIs, he is waiting to hear about funding of a 5-year NHGRI/NCI study of whole genome testing.

Clinical Neuroscience Center Program Coordinator



Kathy Deeshchii'nii is Dine, from the great Navajo Nation. She is from the Bitter Water Clan (Maternal) born for the Hairy People (Paternal Clan). Kathy reports that she has been married to her husband, Dan, for 19 wonderful years, and that they have four handsome boys; Nathan 38, Jonathan 20, Ethan 17, and Kyle 12. They also have one precious granddaughter, Leah, who just turned 3 years old in June. Kathy started working at UNM as a temporary employee in October 1990. This turned into a permanent position with the Family Development Program. She has been working at CASAA since 1995. Kathy's outside interests include horseback riding and running 5ks and 10ks. Currently she is training to run a half marathon, with the ultimate goal of running a full marathon next year. She looks forward to establishing new working relationships in Psychology and with the new Clinical Neuroscience Center.

Ector Retires



Ector Estrada (Supervisor Animal Support) retired in February 2012 after **44 years** of service to the University. The department sponsored a well-attended dinner in his honor. Ector continues to work in the department as an on-call employee while the Animal Research Facility positions are being filled.

Regents Professor Award



Dr. Ron Yeo received the prestigious Regents Professor Award for his many years of outstanding contributions to the department, the university, and the profession. He's done it all: published an impressive list of significant papers, served as the mentor for 36 PhD students, obtained stellar teaching evaluations, and served the department as chair. He remains passionate about his ongoing research and his continued collaborations with colleagues at MRN.

Clinical Neuroscience Center Reception

- ◆ **Friday April 19, 2013 [save the date!!]; an all -day event**
- ◆ **Will be combined with the annual Psychology Department Research Day**
- ◆ **Agenda: featured speakers, student poster presentations, tour of the new CNC with mini presentations by each CNC faculty, student award presentations, and lunch**
- ◆ **Free visitor parking passes will be provided!**
- ◆ **Full agenda will be posted on the department website within the next few months**

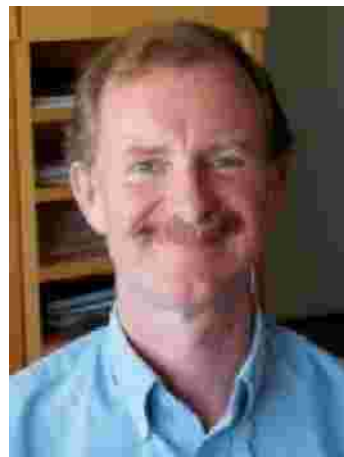
New Clinical Neuroscience Center

The remodel of 9,363 square feet of the second floor of Logan Hall was completed this summer. This Clinical Neuroscience Center (CNC) was the result of an NIH grant for almost \$5 million. The PIs were **Jane Ellen Smith** (Psychology) and **William Turner** (UNM's Office of Capital Projects). The CNC contains renovated clinical neuroscience labs (Pediatric and Adult EEG, Transcranial Stimulation), imaging and data analysis centers with high-speed IT links to collaborating institutions such as the Mind Research Network (MRN), individual and group testing rooms, collaborative/computerized work areas, graduate student offices, and secure data storage. Importantly, the CNC will support the integration of MRN's neuroimaging and genetic data with CNC data, thereby offering researchers access to vast amounts of shared data across studies, modalities, sites, and disciplines. This remodeled area also contains a new Logan Library, which has the capability to be used as seminar room as well. **Vince Clark** is serving as the first director of the CNC.

While the CNC certainly will allow us to enhance our neuroscience research capabilities, at the same time it will be an ideal training ground for both our graduate and undergraduate students. Specialists have been brought in to train students on several of the new pieces of equipment, and faculty are offering courses to continue the training. Students have been learning how to use the three EEG systems to record brainwaves, and the transcranial magnetic stimulation system to influence brain activity. Together these resources will help us train our students to use these technologies to understand the functioning of the healthy human brain, and ultimately to diagnose and treat mental illness.



Dr. Vince Clark's new office space

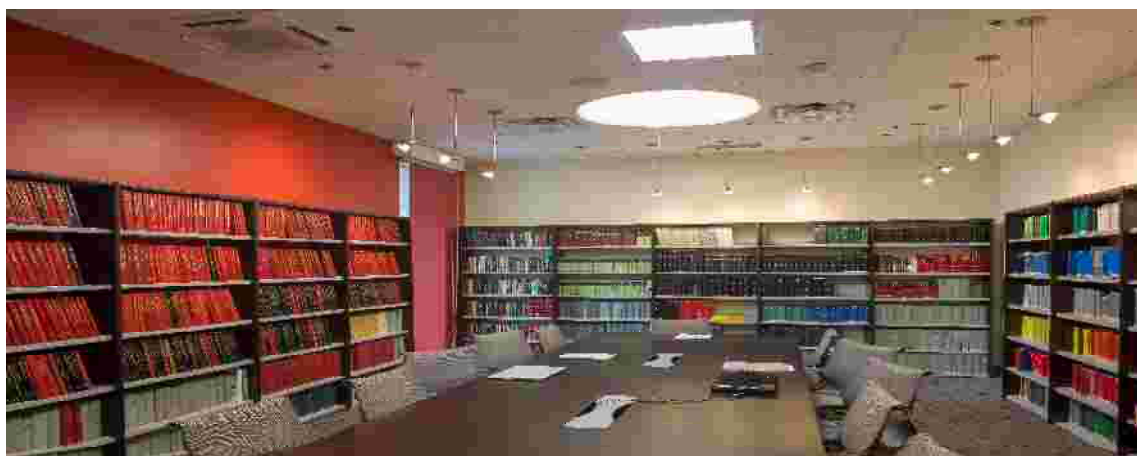


Dr. Vince Clark, CNC Director

Newly renovated restrooms



Dr. Ron Yeo's new lab space



New Logan Library



Outside view from the northwest corner of Logan Hall



New lab space for Dr. Steve Verney



Group Testing/Seminar room

**The CNC architectural firm was Design Plus, LLC;
construction was done by Klinger Constructors, LLC**

Dr. William Miller: Where Is He Now?



I've been retired for six years now and people still ask me, "Are you really retired?" I guess it depends on what you mean by "retired." I'm not sitting in a rocker watching TV, but I certainly do have a new life without grants to propose and manage, students and employees to support, classes to teach, deadlines to meet, administration and faculty meetings, or trips to DC. I retired my psychology license and my membership in professional associations, and I'm not doing research consulting. My blood pressure and cholesterol went down to normal, and most days when I wake up (later than before) I think, "What would I like to do today?" We spend time with our children and grandchildren, all of whom live in New Mexico.

Writing remains a creative pleasure for me, and I've continued to do a book a year, most recently new editions of *Motivational Interviewing* (with Steve Rollnick) and *Controlling Your Drinking* (with Ricardo Muñoz). Bob Meyers and I are developing a self-help interactive journal for veterans returning from combat. Music has always been a joy for me, and now I have time to write more complex music, particularly choral composition. I've written a Christmas cantata, an Easter cantata, and a variety of anthems for the church choir in which Kathy and I sing. I've also set some favorite Robert Frost and Carl Sandburg texts for chorus.

Four years ago I was ordained as a deacon (those who provide pastoral care within the Presbyterian church), and I have been active in ministry with the homeless who worship with us. I have had the time and, with this ordination, the responsibility to follow the example of Jesus to serve the poor and suffering. We hope that the Jackson-Miller endowment will continue to enable and inspire graduate students to work with the poorest of the poor, which enriches both the server and the served.

Kathy and I have also been doing quite a bit of traveling. I thought that invitations to speak would diminish when I retired, but the opposite has happened. We lived in Odense, Denmark for two months last year while I was a visiting professor at the University of Southern Denmark. Motivational interviewing continues to disseminate at a surprising rate, now in at least 45 languages, and in early 2013 I will be doing some training for the first time in China, Korea and Japan.

I thoroughly enjoyed my life and career in academia, and now I am loving a new chapter. UNM was a great place to learn and grow; I came to the Psychology Department in 1976 and never left, retiring from my first job. I stay in touch with many of my grad students from around the country and with colleagues from UNM. Contact Bill at wrmiller@unm.edu

News Briefs

- ◆ **Dr. Barbara McCrady** is the new president for the Research Society on Alcoholism, which is the main professional alcohol organization in the nation.



- ◆ **Dr. Kamilla Venner** received a 2012 Faculty of Color award for research.



- ◆ **Dr. Terri Moyers** was an invited speaker at two prestigious international conferences this year: one in Italy and one in New Zealand.
- ◆ **Dr. Jacob Vigil** passed his mid-probationary review. Excellent job Jacob!
- ◆ **Dr. Akaysha Tang** has just been appointed the Director of the Cognitive Neuroscience Program at the National Science Foundation.
- ◆ **Dr. Derek Hamilton** gave an entertaining and meaningful commencement address this year. It was entitled, “The Confluence of Chance, Calories, and Commitment”. Derek’s quotable quote from his grandfather, “The problem with lazy is that it looks just like stupid.”
- ◆ **Dr. Karin Butler** had her 1st PhD students graduate: Susan Stevens-Adams & Christina Weywadt. **Dr. Steve Verney’s** 1st doctoral student, Lynette Silva, graduated as well.
- ◆ **Dr. Kristina Ciesielski** did an outstanding job as the new chair of the department’s Awards Committee. She fought hard to get additional money and recognition for the students.
- ◆ **Chriselle Martinez**, our Coordinator of Program Advisement, transferred to another department: the BA/MD program. Chriselle was a tremendous asset; we miss her! Luckily she is still teaching the 1-credit Case Management course in our BAC Program.
- ◆ **Dr. David Hovda**, a graduate of our doctoral program, received the prestigious 2012 UNM Zimmerman Award for a distinguished alumnus.
- ◆ **Gilbert Borunda** moved into a new position in the department: Supervisor of the Animal Research Facility. Congratulations Gilbert!

News Briefs

- ◆ **Letters of Academic Title** were awarded to the following individuals this year for their contributions (research collaborations, clinical supervision, teaching) to the Psychology Department: Drs. Nathaniel Anderson, Nathan Arbuckle and Vaughn Steele (Mind Research Network), Verner Westerberg and Jon Houck (UNM - CASAA), Reid Hester (Behavior Therapy Associates), Robert Key Dismukes (NASA), and Michael Numan (Boston College).
- ◆ **The Basics in Addiction Counseling (BAC) program** graduated its first full cohort this year. *Impressively, all five of the students had jobs shortly after completing the program.* Several of the students received job offers from the agencies at which they did their field placements. The advisory board for the program this past year consisted of three departmental faculty: Kamilla Venner, Theresa Moyers, and Jane Ellen Smith, and a Program Specialist (Field Work Coordinator), Regina Dickens. Interested? Contact Regina Dickens: solutions4_teams@msn.com
- ◆ **Area Heads:** Elizabeth Yeater (Clinical), Derek Hamilton (Cognition, Brain, & Behavior), Steve Gangestad (Evolution/Development), Harold Delaney (Quantitative), and Sarah Erickson (.Health Psychology).
- ◆ **The Quad-L Speaker** this year was Dr. Travis Thompson (Graduate Faculty, Special Education Program, University of Minnesota). His talk was, "Autism: Early Behavioral Intervention and Brain Development". The Jr. Quad-L speaker was Dr. Marissa Greif (Assistant Professor, FI Atlantic University). Her talk was, "Artifacts & Tool Use: The World of Manmade Things and How We Learn about Them".
- ◆ **Dr. Michael R. Markham**, a 1994 UNM Psychology PhD, was appointed Case-Hooper Professor of Neurobiology in the Department of Zoology at the University of Oklahoma in 2011. Michael's mentor here was Mike Dougher.
- ◆ **1st Floor Construction:** We are in the process of finishing a new conference room/classroom (capacity of 50 students), 4 new faculty offices, a new graduate lounge, & new bathrooms. What's next.....?
- ◆ **Faculty Searches:** The department is currently searching for two Assistant Professors. One is in Behavioral/Cognitive Neuroscience and the other is in Developmental Psychology.
- ◆ **Holiday Celebration** was graciously hosted by Dr. Gordon Hodge last December.

Graduation Spring 2012



New PhDs! - Doctors Wiggins, Lenberg, Rinehart, Tooley, and Silva—Congratulations!



Undergraduate Candidates (and their helpers)

Graduation Spring 2012



Dr. Derek Hamilton, Keynote Speaker



The families that helped make this day possible



Psychology Department Faculty
Karin Butler, Terri Moyers, Kamilla
Venner, Steve Alley, Dan Matthews, and
Bruce Smith

DOCTORAL DEGREES AWARDED

Academic Year - 2011-2012

Student Name	Title of Dissertation	Faculty Advisor
Mary E. Bancroft	"Children's Self-Representation, Cultural Developmental Goals and Social Behavior in Mexican and Euro-American Children"	Sarah Erickson
Melissa Gerstle	"Elements of Co-parenting among Mutually Aggressive Parents"	Sarah Erickson
Loren Gianini	Self-Objectification: A Distinction from Similar Constructs and the Impact of Social Influences on its Expression"	Jane Ellen Smith
Paul M. Guinther	"Contextually-Controlled Semantic False Memories in the Form of Derived Relational Intrusions Following Training"	Michael Dougher
Jon Houck	"The Neuroscience of Motivational Interviewing and Change Talk"	Claudia Tesche
Alisha Wray	"The Reinforcing Effects of Making Sense: Positive Negative or Both"	Michael Dougher
<i>Paulette Christopher</i>	<i>"Experiences of Discrimination and the Health and Well-being of Lesbian, Gay and Bisexual People"</i>	<i>Bruce Smith</i>
Kathryn L. Garcia-Lenberg	"The Effects of Acute Alcohol Intoxication On Women's Perspective of and Responses to High Risk Dating and Social Situations"	Elizabeth Yeater

DOCTORAL DEGREES AWARDED Academic Year - 2011-2012

Student Name	Title of Dissertation	Faculty Advisor
Shannon L. Lundy	"Memory Profiles in Schizophrenia: A Neuropsychological Comparison with Temporal Lobe Epilepsy"	Ron Yeo
Masato Nakazawa	"Examining the Advantages and Disadvantages of Pilot Studies: Monte-Carlo Simulations"	Harold Delaney
Lavina L. Sanders	"Values-Based Motivational Interviewing: Effectiveness of Smoking Cessation Among New Mexico Veterans"	Harold Delaney
Susan Stevens-Adams	"Will (you) have a false memory? Investigating Individual Differences in Semantic False Memories"	Karin Butler
Lynette M. Silva	"Atypical Development of the Cerebellum: Impact on Language Function"	Steve Verney and Ron Yeo
Christina Weywadt	"The Role of Phonological Loop Resources In Task Choice and Task Performance"	Karin Butler
Zhen Yang	"A fMRI Study of Auditory Orienting and Inhibitors of Return in Pediatric Mild Traumatic Brain Injury"	Ron Yeo

Clinical Internships

Clinical students who finished their internships recently were:

- Susanne Duvall** - University of Minnesota Medical School
- Erica Montague** - UNM Health Sciences Center
- Erin Tooley** - Boston Consortium
- Lynette Silva** - University of Chicago

Fun times in the Department

Psychology Department Welcome Back to School



Our annual departmental orientation to welcome new graduate students and faculty was again held at the home of our Chair and her husband, Jane Ellen Smith and Bob Meyers. A new feature this year—and a great ice-breaker—was salsa dancing lessons!



Assistant Professor Kamilla Venner
& Associate Professor Kent Kiehl



Assistant Professor Kevin Vowles and his wife, Janet

Fun times in the Department



Department Administrator Trish Aragon-Mascareñas and her husband George



Delicious food from Perico's got everyone in the mood for Latin dancing! Pictured: Rachael Falcon (grad student) & Kim Larrañaga (Administrative Assist.)



Kevin Hallgren, Lisa Hagen Glynn (graduate students), & Michael Glynn (Lisa's husband)



Associate Professor Geoffrey Miller, Research Professor Emeritus Bob Meyers & Emeritus Distinguished Professor Bill Miller

Graduate Awards & Fellowships

- ◆ **Nick Grebe** (mentor: Steve Gangestad) received a **National Science Foundation Fellowship**; **Mike Hunter** (mentor: Vince Clark) & **Alexis Ortiz** (mentor: Bruce Smith) received **Ford Fellowships**.
- ◆ **Robert Wood Johnson (RWJ) Doctoral Fellowships (2011-2012): Yajaira Peña-Esparza & Patricia Rodriguez** (mentor: Steve Verney), and **Belinda Vicuña** (mentor: Harold Delaney). **RWJ Dissertation Fellowship: Marita Campos-Melady** (mentor: Jane Ellen Smith).
- ◆ **The Jackson-Miller Fellowship** for work with the “poorest of the poor” was awarded to **William Campbell** (mentor: Mike Dougher) to continue his work at the Endorphin Power Co. & to **Jen Benson** (mentor: Sarah Erickson) for her work at Peanut Butter & Jelly Preschool.
- ◆ **Benjamin F. Haught Awards:** Both the 2012 Haught lecture award and the Haught Scholarship (\$8000) last year went to **Zhen Yang** (mentor: Ron Yeo).
- ◆ **Barbara Goldman Garland Memorial:** To a clinical psychology graduate student who has a special interest in family & teens. The 2011 (\$1000) winner: **Lisa Hagen Glynn** (mentor: Theresa Moyers)
- ◆ **Sidney Rosenblum Memorial Award:** For a graduate student excelling in child/family clinical psychology or research, in honor of the late Professor Sidney Rosenblum. The 2011 (\$1000) winner: **Mary Bancroft** (mentor: Sarah Erickson).
- ◆ **New Graduate Student Awards for 2011-2012** (funded by departmental Extended University \$):
Best First-Authored Paper Award in the Clinical Area:
1st Place (\$500): **Kevin Hallgren** (mentor: Theresa Moyers). Paper title: “Does readiness to change predict in-session motivational language? Correspondence between two conceptualizations of client motivation.” The paper appeared in *Addiction* (2011).

2nd Place (\$250): **Marita Campos-Melady** (mentor: Jane Ellen Smith). Paper title: “Memory associations between negative emotions and alcohol on the lexical decision task predict alcohol use in women.” The paper was published in *Addictive Behaviors* (2012).

Best First-Authored Paper Award in the Non-Clinical Area:
1st Place: **James Rice** (mentor: Derek Hamilton). Paper title: “Effects of exposure to moderate levels of ethanol during prenatal brain development on dendritic length, branching, and spine density in the nucleus accumbens and dorsal striatum of adult rats.” The paper appeared in *Alcohol* (2012).

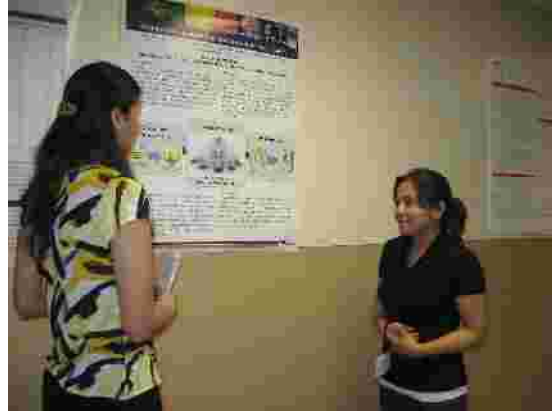
2nd Place: **Lora Cope** (mentor: Kent Kiehl). Paper title: “Hemispheric asymmetries during processing of immoral stimuli.” The paper was published in *Frontiers in Evolutionary Neuroscience* (2010).

Best Graduate Student Teacher Award (\$500): Jenny Rinehart (mentor: Elizabeth Yeater)

Best Graduate Student Teaching Assistant Award: Jennifer Crawford (mentor: Elizabeth Yeater)

Research Day

Research Day includes presentations of research findings.



Students Glory Emmanuel & Belinda Vicuña

It combines learning with food, ...



Tessa Margett, Katy Belon, Cheryl Bryan and Laurie Steffen (graduate students)

... & the conversations continue in the hallways.

MASTER'S DEGREES AWARDED Academic Year - 2011-2012

Student Name	Title of Thesis	Faculty Advisor
Shirley Crotwell	"The Relation of BDNF Va166Met Polymorphism To Neural Volume and Drinking Behavior Among Adolescents"	Kent Huttchison
Yajaira Pena-Esparza	"Attentional Biases In Dysphoric College Students"	Steve Verney
Erica Montanaro	"Wrap it Up: A Comparison of the Health Belief And the Theory of Planned Behavior"	Angela Bryan
Brian A. Coffman	"Object Detection Learning: Effects of Transcranial Direct Current Stimulation, Magnetic Resonance Imaging, and Image Novelty"	Vince Clark
Sarah N. Hile	"Neurocognitive Deficits and Parental Adjustment Predict Functional Impairment in Acute Lymphoblastic Leukemia and Lymphoma: A Pilot Study"	Sarah Erickson
Laurie E. Steffen	"PTSD, Appraisal, and Coping among Firefighters During a Disaster Scenario"	Bruce Smith
Katherine E. Belon	"The Eating Attitudes Test and Healthy Eating"	Jane Ellen Smith
Xiaoshen Jin	"Cognitive Differences in United States Preschool Children and Mexico Preschool Children"	David Witherington
Michael C. Trumbo	"Effect of Transcranial Direct Current Stimulation on the Attention Task Performance"	Vince Clark

Graduate Student News

- ◆ GASP sponsored **Psychology Research Day** (see page 19) again this year, which was held in Logan Hall on April 20, 2012. We had a great turnout with lots of interesting posters on research done by our psychology students. **Dr. Sam Roll**, UNM Emeritus Professor, gave the keynote address. The student presenter was **Laurie Steffen** (mentor: Bruce Smith), whose talk was, “*A Brief Introduction to Hope and Empirical Findings from a Daily Diary Study on Hope, Stress, and Affect in Fire Service*”. The Jr. Quad-L speaker that day was **Dr. Marissa Greif** (Florida Atlantic Univeristy), who spoke on, “*Artifacts and Tool Use: The World of Manmade Things and How We Learn about Them*”.

WELCOME INCOMING GRADUATE STUDENTS for ACADEMIC YEAR 2012-2013

Adrienne Borders	Wellesley College	Barbara McCrady	Clinical
Samantha Fede	Virginia Tech	Kent Kiehl	Cognition, Brain & Behavior
Megan Kirouac	University of Washington	Katie Witkiewitz	Clinical
Christy Magcalas	University of Nevada, Las Vegas	Derek Hamilton	Cognition, Brain & Behavior
Elizabeth McCallion	University of Vermont	Bruce Smith	Clinical
Mindy McEntee	University of Nebraska, Lincoln	Kevin Vowles	Clinical
John Pinner	Adams State University	Akaysha Tang	Cognition, Brain & Behavior
Carlos Rodriguez	Western State College of Colorado	Derek Hamilton	Cognition, Brain & Behavior
Sephira Ryman	Wellesley College	Ron Yeo	Clinical
Jeremiah Simmons	Stanford University	Jane Ellen Smith	Clinical
Elizabeth Stein	Allegheny University	Bruce Smith	Clinical
Andrei Vakhtin	University of New Mexico	Claudia Tesche	Cognition, Brain & Behavior

Diversity Organization

The Diversity Organization (DO!) in the department continued to hold regular meetings and sponsored several events this past year. These included hosting "diversity training" for clinical psychology students, mailing flyers about UNM's Psychology Department to undergraduate universities in the Southwest, posting notices of cultural events on and off campus to graduate students, sponsoring a multicultural case conference, and organizing a cultural pot-luck. **Dr. Shane Lopez** from The Clifton Strengths Institute conducted the annual workshop in March. His talk was "The How of Hope". The faculty mentors for DO! are **Drs. Steve Verney** and **Kamilla Venner**. Graduate student council members are listed below.



Diversity Organization! [DO!] Members: Brenna Greenfield, Jennifer Crawford, Yajaira Pena-Esparza, Lisa Hagen Glynn, Glory Emmanuel, Victoria OeKeefe; (back row) Drs. Kamilla Venner and Steve Verney .

DO! Leadership Council Members

Yajaira Pena-Esparza
Brenna Greenfield
Lisa Hagen Glynn
Marita Campos-Melady
Jennifer Crawford
Glory Emmanuel
Rosa Munoz
Lauren (Nikki) Rowell
Jen Benson



Psi Chi is the National Honor Society in Psychology, founded in 1929 for the purposes of encouraging, stimulating, and maintaining excellence in scholarship, and advancing the science of psychology. Membership is open to graduate and undergraduate men and women who are making the study of psychology one of their major interests and who meet the minimum qualifications. Psi Chi is a member of the Association of College Honor Societies and is an affiliate of the American Psychological Association (APA) and the Association for Psychological Science (APS).

Upcoming events include: St. Jude Walk, volunteering at a soup kitchen, holding a Kaplan scholarship raffle for fundraising, and presenting our new Outstanding Member award. They just completed a Halloween bake sale. They also have an ongoing clothing drive for Joy Junction and canned food drive for Roadrunner Food Bank.

Psi Chi Officers:

Josh Clifford - President
Andrea Busich - Treasurer
Lauren Martell - Secretary
Megan McConnell - Public Relations
Calandria Argo - Historian

Faculty Advisor

David Witherington
dcwither@unm.edu

The purpose of the Graduate Association of Students in Psychology (GASP) is to create and maintain a departmental atmosphere which fosters scholarships among psychology graduate students by ensuring resources that will benefit all students as well as provide a supportive social network. All enrolled psychology graduate students are eligible for membership.

A few planned activities are Volunteer Days, a Halloween Party, a Toy/Book Drive, The 7th Annual Psychology Research Day, and happy hours. We hope to end the year with a faculty and graduate student softball game and BBQ.

For further information, visit the GASP website at: <http://www.unm.edu/~gasp/index.html>

2011-2012 GASP Officers

President: Xiaoshen Jin
Vice President: Katy Belon
Treasurer: Tessa Margett
Secretary: Christina Klauber
Librarian: Rachael Falcon
GPSA Rep.: Glory Emmanuel
Clinical 1&2yr Rep: Laurie Steffen
Clinical 3+yr Rep: Sarah Hile
Ev/Dev Rep: Patrick Coulombe
CBB Rep: Chris Weywadt
Health Rep: Belinda Vicuna

Outside Sponsored Research

Listed alphabetically by funding institute

Title of Research

Funding Organization

Principal Investigator



"Trauma Center Brief Intervention"

Terri Moyers

This is a project comparing two brief bedside interventions for patients with a hospital admission for an alcohol-related trauma: brief surgeon advice and motivational interviewing.



"Alcohol, Marijuana, and Risky Sex: Group Interventions with Detained Adolescents"

Angela Bryan

Known as Project MARS, this study examines which strategy is the best to reduce concurrent drug and alcohol use and risky sexual behavior.

"A Transtheoretical Model of AA-Related Behavior Change"

Scott Tonigan

The aims of the study were to prospectively test the relative importance of change readiness, self-efficacy, perceived social group dynamics, and AA-specific change mechanisms in accounting for 12-step benefit.

"Testing CBT Models and Change Mechanisms for Alcohol Dependent Women" *Barbara McCrady*

The study is testing the relative effectiveness and cost-effectiveness of individual and group therapy for women with alcohol use disorders. The study also tests mechanisms of behavior change in both treatments



"Zuni MI/CRA Project"

Kamilla Venner

I have the honor of partnering with the Zuni tribe to adapt and test two evidence-based substance abuse treatments: motivational interviewing and the community reinforcement approach.

"Action monitoring, action observation and dopamine genes as predictors of substance abuse" *Kent Kiehl*

This project uses multimodal imaging techniques (ERP/fMRI) to characterize the integrity of neural circuits engaged in action monitoring in incarcerated drug abusers.

"Socio-moral processing in psychopathy and substance abuse."

Kent Kiehl

This project uses functional imaging to elucidate and characterize the functional neuroanatomy of processing of moral stimuli for linguistic and picture stimuli in psychopathy and substance abuse..

Outside Sponsored Research

Listed alphabetically by funding institute

Title of Research

Funding Organization

Principal Investigator



“Fetal Ethanol-Induced Deficits in Agranular Insular Cortex Function” *Derek Hamilton*
 The primary goal of this research is to better understand how abnormal social behavior and impaired learning following prenatal alcohol exposure are related to functional alterations in the frontal cortex.

“Alcohol Research Training: Change Methods and Mechanisms” *Barbara McCrady*
 This NIH Institutional Research Training grant supports four pre-doctoral fellows in psychology and four post-doctoral fellows to prepare these future scientists to conduct research to elucidate the processes of change through improved approaches to treatment and indicated prevention, and develop test models of disseminate knowledge of effective interventions to diverse populations.

“AA Social Dynamics: The Context for Mobilizing Behavior Change” *Scott Tonigan*

“The Neuroscience of Motivational Interviewing Change Talk” *Claudia Tesche*
 Neuromagnetic (MEG) data were recorded to explore the neurophysiological substrate of motivational interviewing, a directive, client-centered therapeutic method employed in the treatment of substance abuse.

“Targeting Social Networks to Maximize Alcohol use Disorder Treatment & Prevention” *Kevin Hallgren*
 Kirschstein-NRSA training and career grant provides an understanding of how problem drinking may spread within a non-linear dynamic network of social relationships.



“The cognitive neuroscience of female psychopathy” *Kent Kiehl*
 Tests the paralimbic dysfunction hypothesis of psychopathy in female offenders using event-related potentials and functional magnetic resonance imaging

“Neurological mechanisms of empathetic and emotional processes in individuals who vary in psychopathic traits” *Kent Kiehl*
 Develop an integrative understanding of the functional neuroanatomy of empathy dysfunction in psychopathic individuals.

“Neural Substrate of Cognitive and Emotional Deficits in Psychopathy” *Kent Kiehl*
 Comparison of three models of psychopathy: left hemisphere dysfunction, response modulation, and paralimbic dysfunction.

Outside Sponsored Research

Listed alphabetically by funding institute

Title of Research	Funding Organization	Principal Investigator
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SAN DIEGO STATE
UNIVERSITY
Minds that move the world

<p><i>“Network Connectivity and Dynamics in Fetal Alcohol Spectrum Disorders”</i></p> <p>To initiate use of magnetoencephalography (MEG) to study adolescents with FASD and normal children; the specific aim is to identify abnormalities in cortico-cerebellar network dynamics, particularly those that involve midline structures.</p>	<p>Claudia Tesche</p>
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<p><i>“Neuroimaging Youth with Callous-Un-emotional CD & Comorbid Substance Abuse”</i></p>	<p>Kent Kiehl</p>
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To examine the relative influence of callous/unemotional traits and substance abuse history on brain function in incarcerated youth. Does the emergence of stable callous/unemotional traits predict substance abuse variables or does substance abuse start first and precipitate a decline in personality functioning over time are the major questions under study.



<p><i>“The Strong Heart Stroke Study”</i></p> <p>This study uses MRI to assess cerebrovascular disease prevalence and manifestations including cognitive impairment, mobility, and depression in 1000 older American Indians.</p>	<p>Steve Verney</p>
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A Sample of Recently Published Papers

Stevens-Adams, S.M., Goldsmith, T.E., & Butler, K.M. (2012). Individual differences in false memory predicted from individual semantic networks. *Quarterly Journal of Experimental Psychology*, *65*, 1035-1043.

Ciesielski, K.T., Rauch, S.L., Ahlfors, S.P., Vangel, M.E., Wilhelm, S., Rosen, B.R., & Hämäläinen, M.S. (2012). Role of medial cortical networks for anticipatory processing in obsessive-compulsive disorder. *Human Brain Mapping*, *33*, 2125-2134.

Clark, V. P. Coffman, B.A., Mayer, A. R., Weisend, M. P., Lane, T.D., Calhoun, V. D., Raybourn, E. M., Garcia, C. M., & Wasserman, E. M. (2012). TDCS guided using fMRI significantly accelerates learning to identify concealed objects. *NeuroImage*, *59*, 117-128.

Hester, R., Delaney, H., & Campbell, W. (2012). The College Drinker's Check-up: Outcomes of two randomized clinical trials of a computer-based brief motivational intervention. *Psych. of Addictive Beh.*, *26*, 1-12.

Erickson, S.J., Lowe, J.R., Bancroft, M.E., Montague, E.Q., & Maclean, P. (2012). Bayley Scales 2nd Edition compared to the 3rd Edition: Are we measuring the same thing? *Acta Paediatrica*.

Rice, J., Suggs, L., Candelaria-Cook, F., Akers, K., Lusk, A., Parker, M., Savage, D., & Hamilton, D. (2012). Effects of exposure to moderate levels of ethanol during prenatal brain development on dendritic length, branching, and spine density in the nucleus accumbens and dorsal striatum of adult rats. *Alcohol*, *46*, 577-584.

McCrary, B. S., Epstein, E. E., Cook, S., Jensen, N. K., & Ladd, B. O. (2011). What do women want? Alcohol treatment choices, treatment entry and retention. *Psychology of Addictive Behaviors*, *25*, 521-529.

Shaw, K., Lien, M. C., Ruthruff, E., & Allen, P. A. (2011). Electrophysiological evidence of emotion perception without central attention. *Journal of Cognitive Psychology*, *23*, 695-708.

Smith, B.W., Ortiz, J.A., Steffen, L.E., Tooley, E., Wiggins, K. T, Yeater, E. A, Montoya, J. D., & Bernard, J.F. (2012). Mindfulness is associated with fewer PTSD symptoms, depression symptoms, physical symptoms, & alcohol problems in urban firefighters. *Journal of Consulting and Clinical Psychology*, *79*, 613-7.

Houck, J.M., Moyers, T.B. & Tesche, C.D. (2012). Through a glass darkly: Some insights on change talk via magnetoencephalography. *Psychology of Addictive Behaviors*, [Epub ahead of print].

Vigil, J. M., Coulombe, P., & Dukes, A. (2012). Neuronal de-activation is equally important for understanding emotional processing. *Behavioral and Brain Sciences*, *35*, 169-170.

Yeater, E.A., Miller, G.F., Rinehart, J.K., & Nason, E. E. (2012). Trauma and sex surveys meet minimal risk standards: Implications for Internal Review Boards. *Psychological Science*, *23*(7), 780-787.

Yeo, R. A., Gangestad, S. W., Gasparovic, C., Liu, J., Calhoun, V.D., Thoma, R. J., Kalyanam, R., & Hutchison, K. E. (2011). Rare copy number deletions predict individual variation in human brain metabolic concentrations. *Biological Psychiatry*, *70*, 537-544.

Margett, T. E. & Witherington, D.C. (2011). The nature of preschoolers' concept of living and artificial objects. *Child Development*, *82*, 2067-2082.

Psychology Honors Program

For over 40 years the Psychology Department has offered an Honors Program in psychology for qualified Psychology majors. Eleven students successfully completed the program this year.

Name	Advisor
Ioan Belovarski Outstanding Honors Student	Jeffrey Lewine & Corey Ford
Joshua Clifford	Theresa Moyers
Steven Davis	Steven Gangestad & Ron Yeo
Bryan Franks Outstanding Thesis Award	Karin Butler
Julia Kern	David Witherington
Desirae Martinez	Ron Yeo
John Mooney	Karin Butler
Sarah Morgese	Rex Jung
Haruna Nakayama	Robert Delcampo & Ryan Jacobson
Rory Newlands	Elizabeth Yeater
Alyssa Tidler	David Witherington

Psynopsis ?

The Psynopsis is a biannual newsletter published by the Department of Psychology at the University of New Mexico for the benefit of alumni, faculty, students, and friends. If you are interested in contributing newsworthy items to this publication, please contact:

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