In This Issue

A Message from the President 3-4
Karen Hollis

Meet Your Division 6
5
Early CareerPsychologist
Network Representative
Kim Christian

Division 6 Members
5
in the News

Announcements 6

Special Section

Annual Convention 2007: 7-17
Division 6 Programming

DIVISION 6 EMAIL
REFLECTOR

Division 6 maintains an email reflector to keep members up to date with the latest information on research funding, employment opportunities, and other items of general interest. If you have recently changed your email address, you may need to re-subscribe to the reflector. To update your current address or to join the list for the first time, follow these simple instructions:

Send precisely the following 4-word message:

SUBscribe div6 John Doe

Change John Doe to your first and last name; the computer will find the subscriber’s email address in the message automatically. Put nothing else in the message. Mail the 4-word message to the following address:

listserv@lists.apa.org

More info can be found at:
http://listserv.apa.org

Convention 2007:
San Francisco

Editor
Eric P. Wiertelak, Macalester College
The Behavioral Neuroscientist and Comparative Psychologist is the official newsletter of APA Division 6 — Behavioral Neuroscience and Comparative Psychology — and is published 3 times a year. Mailing and emailing addresses used are those appearing on the official APA roster and a separate Division roster. Corrections and changes of address should be sent directly to the APA Directory Office, 1400 North Uhle St., Arlington, VA 22201, and to the BNCP Editor (see below).

As the official newsletter of Division 6, BNCP publishes official business, committee reports, news items, job announcements, information on technical issues, topics of current interest, and information about the professional activities of Division 6 members. News items and articles should be submitted to the Editor at the address below (preferably by email). Advertisements and announcements are not officially endorsed by Division 6. The Editor welcomes comments and suggestions for ways in which BNCP can better serve the needs of the members. The preferred method of submission is by email. Send correspondence and submissions to Eric P. Wiertelak via e-mail at wiertelak@macalester.edu. Postal mail should be sent to Eric P. Wiertelak, Department of Psychology, Macalester College, Saint Paul, MN 55105. Other contact information: Phone: (651) 696-6111; FAX: (651) 696-6348.

Going to the convention in San Francisco?

Kick off the APA Convention with CARE!

Come to the Committee on Animal Research & Ethics Happy Hour

Thursday, August 16, 4-6 pm
Yerba Buena Salon 13, San Francisco Marriott
As I write this, my last message as president of the division, the June issue of the Monitor has recently arrived and, in it, a fascinating article spotlighting three Division 6 members, namely Karyn Frick, Alan Kamil and Michela Gallagher. Entitled “The biology of behavior: Div 6 members examine spatial memory in animals,” this well-written piece shows clearly the way in which members’ research interests cross multiple levels of analysis, from molecules to social structures. (You also can find the article online, but without the well-chosen photograph of a foraging wild mouse, at: http://www.apa.org/monitor/jun07/closer.html).

When Erika Packard of the Monitor staff approached me last fall to ask whether I was interested in helping her select a topic for her monthly article, “A Closer Look,” I knew we needed to seize the opportunity: As I wrote in this column last fall, it is critical that we keep the importance of our research in APA’s public eye. Only in this way can we make our presence, and therefore the importance of our interests, felt more directly in an organization as large as APA.

And while I’m on the topic of good publicity, Division 6 interests and expertise seem to have captured the organization’s attention in several ways, at least if the June Monitor is any indication. Not only is the research of neuroscientists and comparative psychologists featured in Packard’s “A Closer Look,” but also in APA President Sharon Brehm’s column, “Neuroscience and prescriptive authority,” as well as in another article, entitled “Can rats reminisce?” It’s wonderful to see friends and colleagues spotlighted in this way, of course, but in my view good publicity sustains a division in its efforts to remain healthy and strong.

But publicity was only one small part of the “Many More Voices” initiative this past year, and so there’s much more to report. Elsewhere in this newsletter you will see the outcome of Nancy Dess’s hard work as Program Chair for the Annual Convention. In addition to putting together several cutting edge symposia that expand the boundaries of our science and demonstrate its far reaching applications, Nancy has infused the program with her own vision for creating “many more voices” within Division 6: You will see two sessions, each entitled “A Conversation about Diversifying Science,” and led by leaders in the field, namely Mahzarin Banaji, Ph.D. (Harvard) and John Dovidio, Ph.D. (Yale University). Please join us at each of these events in San Francisco. Last but not least program-wise, the Mentoring Fellowship Award winners, a group of fourteen graduate and postdoctoral students, whose convention expenses will be paid for as a result of support from the Committee on Animal Research Ethics (CARE) together with monies from our successful CODAPAR grant, will participate in several sessions designed to help them navigate a variety of professional settings that they will encounter early in their research career, as well as to identify with APA and Division 6 as a professional home.

I look forward to interacting with this group of highly qualified junior scientists and hope that we can continue this important program in the years to come.

Finally, I wish to express my thanks to other members of the Executive Committee who shared in our “Many More Voices” initiative:

- Chair of the Membership and Growth Committee, Aaron Blaisdell, has been extremely successful in recruiting many new members and graduate student affiliates to Division 6. This spring in particular my email inbox received a steady stream of congratulatory messages that Aaron.

(Continued on page 4)
sent to each new member (and kindly cc-ed to me).

• Chair of the Awards Committee, Mauricio Papini, insured that we honored valuable Division 6 members, as well as non-member neuroscientists and comparative psychologists, for their achievements. As is our practice, this year’s stellar awardees will be announced formally at the Business Meeting in San Francisco and reported in the fall newsletter.

• Although we cannot disclose the names of the 2007 fellow nominees until after they are approved by the APA Membership Committee at the Annual Convention, I nonetheless want to thank MaryLou Cheal for ushering the fellowship applications of several highly qualified individuals through the fellowship process.

• Our Newsletter Editor, Eric Wiertelak, continues to produce an attractive, interesting and informative newsletter that, under his direction, arrives like clockwork three times per year. Additional evidence of Eric’s web-savvy – as well as important information on awards and other opportunities of importance to Division 6 members – can be found at our easy-to-navigate Division 6 webspace, http://www.apa.org/divisions/div6/.

• Chair of the Student Representative Committee, Rebecca Singer, and Early Career Psychologist Network Representative, Kimberly Christian, have been busy keeping junior scientists informed about the many activities and opportunities provided by Division 6, a critical endeavor if we are to maintain the interests of, and participation by, junior scientists and the next generation of Division 6 members and fellows.

• In addition to performing her many duties as Secretary/Treasurer, Chana Akins was an invaluable contributor to the CODAPAR grant that enabled us to broaden the Mentoring Fellowship Program.

• Finally, it’s always an honor and a pleasure to work alongside my former advisor, long-term mentor and friend, Bruce Overmier: I wish to thank him for his sustained support of, and involvement in, Division 6 activities. As our Council Representative, he helped to advocate for the critical resolution adopted by APA [quote] “opposing the teaching of intelligent design as scientific theory and stating that teaching intelligent design as a science undermines the quality of both science education and science literacy.” For anyone who still wonders whether membership in APA is worth the dues, this resolution is yet another example of how an institution like APA can support its members with all the authority and influence of APA’s large, over 90,000-member, size.

In closing, I wish to express my thanks to Division 6 members for the honor and privilege of serving this cherished institution over the past year. Best wishes for continued success in your own work.

Congratulations to the new President-Elect of Division 6
Nancy Dess (Occidental)
and new Executive Committee Member-at-Large
Lisa Savage (SUNY Binghamton)
Meet your Division 6 Early Career Psychologist Network Representative

Kim Christian

I completed my graduate work with Dr. Richard F. Thompson in 2004 and am an “early career psychologist” within 7 years of my degree. Currently, I am a postdoctoral fellow in the Unit on the Genetics of Cognition and Behavior at NIMH, working with Dr. Kazu Nakazawa. In both my graduate and postdoctoral research, my scientific interests have been well-aligned with the mission of Division 6 in my focus on the neural mechanisms underlying learning and memory.

As the first person to assume this position within Division 6, I hope to be able to make a positive impact through recruitment and more active participation of new members in early stages of their careers. At this time, I’m hoping to solicit opinions from junior members about programs or services that you would like to see developed within the division. In theory, at least, anything is possible so I welcome all ideas – from vague desires to specific suggestions - anything you feel would be helpful to you at this point in your career. In addition to special programming for the 2008 APA Convention in Boston, I would also like to create ongoing programs and communication forums to serve early career members throughout the year. There are unique concerns facing members at transition points in their careers and as your representative to the APA and liaison to the executive committee, I am dedicated to addressing those concerns through new initiatives.

Please feel free to email me (christiank@mail.nih.gov) with any and all suggestions you have. I’m excited to have this opportunity and eager to work with the members of the executive committee to create a more dynamic and engaged division. We want to ensure that junior members are given the opportunity to shape the future of the division and make it a viable community and a valuable resource. Thank you and I look forward to meeting many of you in the future.

Division 6 Members in the News

Division 6 members may want to note a 60 Minutes segment aired in June (originally from last fall, but re-aired and updated in June) featuring James McGaugh and research on memory with rats. The segment, “A Pill to Forget?” is described at http://www.cbsnews.com/stories/2006/11/22/60minutes/main2205629.shtml, which also has a link to ordering info.

Back Issues of

The Behavioral Neuroscientist
and Comparative Psychologist

are available online at
Announcements

Do You Teach Undergraduate Neuroscience?

Call for Submissions:
Journal of Undergraduate Neuroscience Education (JUNE)

JUNE is an electronic journal that publishes peer-reviewed reports of innovations in any area of undergraduate neuroscience education related to the mission of advancing undergraduate neuroscience on topics such as novel pedagogy and original laboratory exercises. All articles should be written for an audience of college faculty and include references to relevant literature, supplies, and/or supplemental materials such as animations, websites, etc. Figures and qualitative or quantitative assessment of pedagogical outcomes are also encouraged wherever appropriate. JUNE also invites submissions as letters to the editor and reviews of textbook, curricular, equipment, or media.

JUNE is a publication of Faculty for Undergraduate Neuroscience (FUN) and is free to read and download. Visit JUNE today at [www.funjournal.org/default.asp] or follow the links from the FUN website, [fun-faculty.org].

Inquiries regarding submissions should be directed to Gary Dunbar, JUNE Editor-In-Chief at any stage in the writing process.
Gary.dunbar@cmich.edu; 989-774-3282 (phone); 989-774-2553 (fax), Department of Psychology, Central Michigan University, Mount Pleasant, MI 48859.

CALL FOR APPLICATIONS

SUMMER-RESEARCH GRANTS
UP TO $10,000 PER AWARD
TARGETING JUNIOR FACULTY IN THE NEUROSCIENCES
AT PREDOMINANTLY UNDERGRADUATE INSTITUTIONS

SOMAS: Support of Mentors and their Students in the Neurosciences

The SOMAS Program is pleased to announce the 2008 SOMAS summer fellowship program designed to support junior faculty (untenured/pre-tenure assistant professors, typically within 5 years of having completed Ph.D. and postdoctoral training) in the neurosciences seeking to launch research programs with undergraduate student collaborators. Faculty from predominantly undergraduate institutions will be eligible for awards of up to $10,000 to cover a supply budget, summer student housing, faculty and student stipends, and travel expenses to the joint Annual Meetings of the Society for Neuroscience and Faculty for Undergraduate Neuroscience.

Application deadline is December 1, 2007, with awards made in early February for the 2008 summer research effort. Six awards will potentially be made for the 2008 program. Faculty members with little experience in grant-writing or those from institutions serving women and minority groups underrepresented in the sciences are particularly encouraged to apply.

For more information, go to www.somasprogram.org.
Behavioral Neuroscience and Comparative Psychology

Division 6 Program for APA 2007
and other events of interest to members

Thursday, August 16, 2007

Happy Hour

Committee on Animal Research and Ethics (CARE)
4:00 PM - 6:00 PM, San Francisco Marriott, Yerba Vista Salon 13

Friday, August 17, 2007

Fellow Address

Eric P. Wiertelak, PhD
Natural Medicines and Rodent Models of Nociception
9:00 AM - 9:50 AM, Moscone Center, Room 3000
J. Bruce Overmier, PhD, Chair

Symposium

Origins of Causal Reasoning
10:00 AM - 11:50 AM, Moscone Center, Room 2007
Aaron P. Blaisdell, PhD, Chair

Aaron P. Blaisdell, PhD, Participant/1stAuthor

Causal Reasoning in Rats

Amanda Seed, Participant/1stAuthor

By Hook or Crook: How Apes and Corvids Understand Tools
Symposium--continued

10:00 AM - 11:50 AM, Moscone Center, Room 2007

Josep Call, PhD, Participant/1stAuthor

Causal Reasoning in the Great Apes

Alison Gopnik, PhD, Participant/1stAuthor

Young Children’s Causal Reasoning: Correlations, Actions, and Mechanisms

Derek C. Penn, PhD, Participant/1stAuthor

Difference of Kind: Discontinuities Between Human and Nonhuman Causal Cognition

Fellow Address

Sangeeta Panicker, PhD

No Apologies

1:00 PM - 1:50 PM, Moscone Center, Room 238

Nancy K. Dess, PhD, Chair

Symposium

Current Developments in Comparative Psychology---

The Health of the Discipline

2:00 PM - 3:50 PM, Moscone Center, Room 3008

Gary Greenberg, PhD, Chair

Gordon M. Burghardt, PhD, Participant/1stAuthor

Changing Face of Comparative Psychology: Fact or Illusion?

Gabriela González-Mariscal, PhD, Participant/1stAuthor

Rabbit Maternal Behavior: Expression of Coordinated Reflex and Cognitive Functions
Symposium--continued
2:00 PM - 3:50 PM, Moscone Center, Room 3008

Stephen J. Suomi, PhD, Participant/1stAuthor
Risk and Resilience: Gene X Environment Interactions in Primates

George F. Michel, PhD, Participant/1stAuthor
Behavioral Science, Engineering, and Poetry Revisited

Division 6 Executive Committee Meeting
5:00 PM - 6:50 PM, San Francisco Marriott, Pacific Conference Suite D

Saturday, August 18, 2007

Presidential Address
Karen Hollis, PhD
Cognitive Ecology and Insect Behavior:
A Model System for Studying Learning
9:00 AM - 9:50 AM, Moscone Center, Room 3012
William Timberlake, PhD, Chair

Poster Session
Topics in Behavioral Neuroscience and Comparative Psychology
10:00 AM - 10:50 AM, Moscone Center, Halls A, B, and C

Santresda M. Johnson, MS, Participant/1stAuthor
Neurotrophin Expression in Nerve Agent VX-Exposed Rat Brain
Chris L. Robison, BS, Co-Author
Poster Session-- continued

10:00 AM - 10:50 AM, Moscone Center, Halls A, B, and C

Tsung-Ming A. Shih, PhD, Co-Author
Lawrence Tong, MD, Co-Author
Sarah Parylak, BS, Co-Author
Theresa Dill, BS, Co-Author
Lucille A. Lumley, PhD, Co-Author

Jazmin I. Acosta, MA, Participant/1stAuthor

Effects of Reinforcement Schedule on Cue Reinstatement of Cocaine-Seeking
Kenneth Thiel, MA, Co-Author
Jenny R. Browning, BS, Co-Author
Jennifer M. Wenzel, BS, Co-Author
Janet L. Neisewander, PhD, Co-Author

Melissa A. Birkett, BA, Participant/1stAuthor

Acute SSRI Anxiogenic-Like Effects Attenuated by Diazepam in Mice
Jerrold Meyer, PhD, Co-Author
James Rowlett, PhD, Co-Author

Kaliris Y. Salas-Ramirez, BS, Participant/1stAuthor

Adolescent Anabolic Steroid Exposure: Social Behaviors and Neural Plasticity
Cheryl L. Sisk, PhD, Co-Author

Amy Cook, BA, Participant/1stAuthor

Causal Inference in the Domestic Dog (Canis lupus familiaris)
Anna S. Waisman, BA, Co-Author
Alison Gopnik, PhD, Co-Author
Lucia F. Jacobs, PhD, Co-Author
Poster Session-- continued
10:00 AM - 10:50 AM, Moscone Center, Halls A, B, and C

Jessica J. Vandeleest, BS, Participant/1stAuthor
**Temperament as a Predictor of Abnormal Behavior in Nonhuman Primates**
John P. Capitanio, PhD, Co-Author

Nancy K. Dess, PhD, Participant/1stAuthor
**Behavioral Energy Regulation and Saccharin’s Taste:**
   **Updates From LoS/HiS Rats**
Clinton D. Chapman, PhD, Co-Author
Cameryn C. Garrett, BA, Co-Author
Mitzi Gonzales, BA, Co-Author
Ian B. McLaughlin, Co-Author
Jocelyn M. Richard, Co-Author
Alison Williams, BA, Co-Author

Genji Sugamura, MS, Participant/1stAuthor
**Postural Feedback Effect as Measured by Near-Infrared Spectroscopy**
Hiroki Takase, PhD, Co-Author
Yutaka Haruki, PhD, Co-Author
Tomohiro Ishizu, MA, Co-Author
Fusako Koshikawa, MA, Co-Author

Janice C. McMurray, PhD, Participant/1stAuthor
**Binaural Beats Enhance EEG Activity, Attention, and Memory in Seniors**
Shaida S. Jetha, BA, Co-Author
Gary S. Katz, PhD, Co-Author
Karen A. Kemtes, PhD, Co-Author
Poster Session-- continued
10:00 AM - 10:50 AM, Moscone Center, Halls A, B, and C

Lauren Highfill, BA, Participant/1stAuthor
Animal Personalities
Stanley A. Kuczaj, PhD, Co-Author

Radhika Makecha, BA, Participant/1stAuthor
Asian Elephant (Elephas maximus) Tactile Behaviors Related to Social Status
Stanley A. Kuczaj, PhD, Co-Author

Harold S. Jenkins, BA, Participant/1stAuthor
Mammalian Play as Proto-Cultural

Rebecca A. Singer, MS, Participant/1stAuthor
Pigeons Prefer Stimuli Following Aversive Events as Contrast Hypothesis Predicts
Laura M. Berry, BA, Co-Author
Thomas R. Zentall, PhD, Co-Author

Anthony Dickinson, PhD, Participant/1stAuthor
Prediction Errors in Human Causal Learning as Assessed by fMRI
Philip R. Corlett, Co-Author
Helen E.J. Linnington, Co-Author
Paul C. Fletcher, Co-Author

APA Master Lecture
Ed Wasserman, PhD
Humans, animals, and computers: Minding machines?
12:00 PM - 12:50 PM (see general program for location)
**APA Plenary Address**  
Roderic I. Pettigrew, MD, PhD  
**Innovations in Neuroimaging and Bioengineering**  
12:00 PM - 12:50 PM (see general program for location)

**APA Plenary Address**  
David Satcher, MD, PhD  
**Culture, Race, Ethnicity, and Mental Health: A Dialogue**  
1:00 PM - 1:50 PM (see general program for location)

**Symposium**  
**Neuroeconomics of Simple Choices**  
2:00 PM - 3:50 PM, Moscone Center, Room 2000  
Antonio Rangel, PhD, Chair  
Kent C. Berridge, PhD, Participant/1stAuthor  
**How Limbic Brain Splits Experienced Versus Decision Utility**  
William T. Newsome, PhD, Participant/1stAuthor  
**Neural Mechanisms Underlying Economic Choice in Nonhuman Primates**  
John P. O’Doherty, PhD, Participant/1stAuthor  
**Value-Dependent Learning and Decision Making in the Human Brain**  
Antonio Rangel, PhD, Participant/1stAuthor  
**Neural Basis of Simple Economic Choices**

**Conversation Hour**  
**Conversation About Diversifying Science**  
4:00 PM - 4:50 PM, Moscone Center, Room 222  
Mahzarin Banaji, PhD, Chair
**Fellow Address**

Rick A. Bevins, PhD

**Investigation of Nicotine as a Pavlovian Cue**

5:00 PM - 5:50 PM, Moscone Center, Room 222

Steve I. Dworkin, PhD, Chair

**Social Hour**

6:30 PM - 7:30 PM, San Francisco Marriott, Yerba Buena Salon 12

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**Sunday, August 19, 2007**

**Paper Session**

**Topics in Behavioral Neuroscience and Comparative Psychology**

8:00 AM - 8:50 AM, Moscone Center, Room 250

Thomas R. Zentall, PhD, Chair

Murray J. Goddard, PhD, Participant/1stAuthor

**Effects of Context Extinction on U.S. Signal Value**

Eduardo Mercado III, PhD, Participant/1stAuthor

**Easy-to-Hard Effect: Cross-Species Comparisons and Neural Mechanisms**

Itzel Orduna, PhD, Co-Author

Estella H. Liu, MS, Co-Author

Barbara A. Church, PhD, Co-Author

Stephen V. Mahler, MS, MA, Participant/1stAuthor

**Amygdala Opioid Stimulation Enhances Wanting but Not Liking of a Sucrose Reward**

Kent C. Berridge, PhD, Co-Author
Symposium

Comparative Behavioral Neuroscientists Address Education---
Reading, Learning, and Arithmetic

9:00 AM - 9:50 AM, Moscone Center, Room 250
MaryLou Cheal, PhD, Chair

Maureen Powers, PhD, Participant/1stAuthor

Applied Vision Research: Retraining Eye--Brain Interactions

Arnold M. Golub, PhD, Participant/1stAuthor

Information Technology and Learning:
Computer Gaming-Induced Functional Brain Changes

Eric Randall, BA, Co-Author
Nathan Wilts, BA, Co-Author

MaryLou Cheal, PhD, Participant/1stAuthor

Applied Studies of Arithmetic in High Schoolers With Cognitive Disabilities
Peggy Akin, MA, Co-Author

Symposium

Numerical Competence in Nonhuman Animals---
Looking Back, Looking Forward

10:00 AM - 11:50 AM, Moscone Center, Room 274
Michael J. Beran, PhD, Chair

Michael J. Beran, PhD, Participant/1stAuthor

Enumeration, Estimation, and Fuzzy Math by Chimpanzees

Irene M. Pepperberg, PhD, Participant/1stAuthor
Grey Parrot Numerical Competence
Symposium--continued
10:00 AM - 11:50 AM, Moscone Center, Room 274

Jessica F. Cantlon, BA, Participant/1stAuthor
Numerical Computation Mechanisms in Monkeys and Humans:
Abstraction, Comparison, Arithmetic
Elizabeth M. Brannon, PhD, Co-Author

Jacky Emmerton, PhD, Participant/1stAuthor
Role of Perceptual Factors in Numerical Processing by Pigeons

Sarah T. Boysen, PhD, Participant/1stAuthor
Acquisition Parameters for Establishing Numerical Representation in Chimpanzees

Conversation Hour
Conversation About Diversifying Science
12:00 PM - 12:50 PM, Moscone Center, Rooms 232 and 234
John Dovidio, PhD, Chair

Invited Address
Ethel Tobach, PhD
Comparative Psychology’s Identity:
Evolutionary Theory and Genomics
1:00 PM - 1:50 PM, Moscone Center, Room 224
MaryLou Cheal, PhD, Chair

APA Plenary Address
Susan Painter, PhD
Design Psychology: Integrating the Adolescent Brain,
Campus Planning and the Emotional Power of Place
3:00 PM - 3:50 PM (see general program for location)
**APA Plenary Address**

Martha K. McClintock, PhD

**Broken Ties: Social Isolation and Breast Cancer**

4:00 PM - 4:50 PM (see general program for location)

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**Monday, August 20, 2007**

**Division 6 Business Meeting**

8:00 AM - 8:50 AM, Moscone Center, Rooms 208 and 210

**Invited Address**

Thomas R. Zentall, PhD

**Cognitive Dissonance in Animals: Implications for Social Psychology**

Rebecca A. Singer, MS, Co-Author

9:00 AM - 9:50 AM, Moscone Center, Room 3007

Edward A. Wasserman, PhD, Chair