



SBN

Society for Behavioral Neuroendocrinology

April 2011

SBN E-News

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SBN Announcements

Remember to Vote for SBN President-Elect and Secretary!

It is time to select a new President elect and Secretary. The two elected individuals will join the continuing members of the Executive Committee (President: Jeff Blaustein; Past President: Greg Ball and Treasurer: Teresa Horton), which serves as the main governing body for SBN.

We are indebted to the Nominations Committee (Geert De Vries, Andrew Bass, Anne Etgen, Tracey Shors, Joseph Lonstein) for putting together this ballot.

The President-elect will serve for two years in this capacity, then two years as President and two more years as Past President. Secretary is a two-year term. Please vote for one person for each position. The election will be open from **April 1 - May 15, 2011** on the [SBN website](http://www.sbn.org). You will need to use your member log in to access the ballot. Your last name is your user name and your member number is your password, unless you changed it. You will be able to request your password on the site if you have forgotten it. Please *VOTE TODAY!*

The candidates for President-elect are **Cheryl Sisk** and **Rae Silver**

The candidates for Secretary are **Greg Demas** and **Lance Kriegsfeld**

SBN 2011: Abstract Submission & Registration Extended to April 29, 2011

If you would like to **present a poster** without applying for an award or you are an **invited speaker** at the meeting, the deadline for non-award abstract submissions has been extended to **Friday April 29, 2011 at NOON CST**. Submit your abstract through the SBN website at www.sbn.org.

The deadline for early registration has been extended to **Friday, April 29, 2011**.

For more details about the SBN 2011 Annual Meeting, including registration, visit <http://www.sbn.org/meetings/2011/index.html>.

Meeting Information

The 2011 Society for Behavioral Neuroendocrinology Annual Meeting will be held at the Universidad

Nacional Autónoma de México (UNAM) Institute of Neurobiology in Querétaro, México from June 23 - 26, 2011. Please note: dates previously posted on the meeting website have been recently corrected. The Pre-Meeting Workshop begins 2:00 p.m. on June 23rd with an Opening Reception from 6:00 p.m. - 9:00 p.m. The Meeting begins 8:00 a.m. on June 24th. The last day of the meeting will be June 26th with a Banquet from 8:00 p.m. - 11:00 p.m. See the SBN 2011 Meeting website at www.sbn.org/meetings/2011/index.html for further details.

Querétaro:

Aside from an outstanding scientific program you will have the opportunity to visit one of the safest and cleanest cities in México with outstanding colonial architecture in the Historical Center. Querétaro offers museums, baroque architecture, and natural attractions, adorned by its music, gastronomy, and very nice weather. Querétaro is ranked among the best cities to live in México, third best city for business in México and 14th best in Latin America. Nearby historical towns include San Miguel Allende, Dolores Hidalgo, and Guanajuato.

Travel: You can fly directly to Querétaro by Continental. If you fly to México City airport you can take a "primer plus" bus that runs every hour from 6:30 a.m. to 10:00 p.m. You can also travel in groups and take private transportation directly to Querétaro for \$140-150 for a group of 4. Both the bus and private transportation are located within the airport and are safe and efficient (see the web page for details: www.sbn.org/meetings/2011/index.html). We are sure you will have an excellent stay in Querétaro.

Mentor/Mentee Lunches at SBN in Querétaro

As in previous years, the SBN Education Committee will be organizing Mentor/Mentee lunches on June 25 and 26 at the meeting in Queretaro, Mexico. Once you are registered for the meeting, you will receive a form via email. This form will be sent out to all registrants and asks basic information of SBN members and trainees. This information helps the Education Committee play matchmaker! So hurry up and register for the SBN meeting!!! You have to register to receive the Mentor/Mentee sign-up forms! See you in Mexico.

SBN Media Contest: May 1 Deadline!

The SBN Public Education Committee is excited to announce a Media Contest for trainees. Participation in the contest will not only help educate the public about science, but it documents your initiative and creativity in scientific outreach and it could also help defray your costs to attend the next SBN meeting.

Goal: To solicit high-quality, information YouTube-style videos which pertain to behavioral neuroendocrinology from trainees in SBN. Selected videos will be posted on the SBN website to be accessed by the public and used by educators with the goal of improving public science literacy within the topic of behavioral neuroendocrinology.

Criteria: Originality; Visual appeal; Informative; Interesting without trivializing science; appropriate for K-12. Length should be 3-5 minutes.

Possible topics: Gender differences; Diversity of hormone effects; Hormones across the lifespan; Hormone effects in various animal models; Clinical cases; Hormonal rhythms; social bonds.

Timeline: Submissions should be sent as a DVD, with a deadline of May 1, 2011. A winner would be announced at the SBN meeting in Mexico.

Prizes will be travel awards to offset travel expenses to the meeting.

Runners-up would also be acknowledged by having their video posted on the SBN website.

SBN on Facebook

The SBN Facebook page now has 240 members! Please check it out and consider joining if you haven't already.

General Announcements

U.S. South America Workshop in Neuroendocrinology, August 7 - 10, 2011, Viña del Mar, Chile

The US-South America Workshop in Neuroendocrinology will be held on August 7 - 10, 2011 at Hotel San Martin in Vina del Mar, Chile. The goal of this workshop is to promote scientific interactions and collaboration between investigators from the United States and South America who approach neuroendocrine research on steroid hormone receptors and neural sex differences from a number of different, but overlapping perspectives. Travel awards for graduate students and post-docs are available, the details for which can be found on the website. For further information of the meeting, including registration, abstract submission, visit

<https://www01.hjf.org/apps/internet/events2.nsf/eventView2/6C452E43A3E786158525784900833EB9>.

9th World Congress on Neurohypophysial Hormones

The 9th World Congress on Neurohypophysial Hormones (WCNH 2011), which will be held at the campus of Northeastern University, Boston, July 27-31, 2011, will bring together experimental and clinical scientists from all over the world to focus on recent advances in the molecular biology, physiology, and neurobiology of vasopressin and oxytocin and their ancestral peptides in non-mammalian vertebrates. The accessibility of the neural systems that produce these hormones, their rich history of study, and the central positions that they take in the control of many physiological and behavioral functions have made them into signposts for understanding brain's control of systemic physiology and behavior in health and disease. This meeting will provide a great opportunity to share new ideas, foster collaborations, and encourage young researchers in the field. For more information, visit <http://www.northeastern.edu/wcnh/>

On-line Petition regarding cuts to NIH Funding

A massive effort is underway to get individual scientists, researchers, clinicians, and patients to sign on to an Ad Hoc Group for Medical Research On-line Petition opposing cuts to NIH funding. The actual language of the petition is in the link below. This petition is important to show Congress how vital this issue is to the scientific community.

The petition is available at: <http://www.ipetitions.com/petition/preservenihfunding/>

The Ad Hoc Group is an advocacy coalition in Washington that was created in 1982 to focus exclusively on NIH funding. The AAMC provides the executive director to the coalition, but it is run by the steering committee (<https://www.aamc.org/research/adhocgp/exec.htm>) and the members. To see a list of the over 500 member organizations that belong to the Ad Hoc Group see <https://www.aamc.org/research/adhocgp/members.htm>

As of this morning, more than 9,200 individuals have signed on to the petition. The latest information

indicates that the following organizations activated their memberships and likely many others have as well. The Society for Women's Health Research has sent the petition to its grassroots coalition the "Women's Health Research Coalition."

Signing of the petition will be kept open until the FY 2011 spending bill is resolved though there it may be sent to the Hill at the end of March if it is needed. Currently, there is a Continuing Resolution in effect until April 8th.

Other organizations that have already shown their support of the petition are listed below:

American Association for the Study of Liver Diseases, American Brain Coalition, American Psychological Association, Coalition to Promote Research (CPR), Consortium of Social Science Associations (COSSA), Federation of Associations in Behavioral & Brain Sciences, Life Technologies, Mesothelioma Applied Research Foundation, One Voice Against Cancer, Population Association of America, Research!America, Society for General Internal Medicine, Society for Neuroscience

The petition is available at: <http://www.ipetitions.com/petition/preservenihfunding/>

Call for Submissions: *Behavioral Neuroscience* Special Section

Behavioral Neuroscience will publish a Special Section entitled "Hormones and Cognition: Perspectives, Controversies, and Challenges for Future Research." The goal of this special section is to highlight progress made during the past 20 years in understanding how hormones -- such as sex-steroid and stress hormones -- influence learning, memory, attention, and other cognitive processes.

We aim to draw attention to exciting new directions in the field and emphasize areas ripe for future research.

Laboratories engaged in research in this area are encouraged to submit empirical or theoretical papers to *Behavioral Neuroscience* to be considered for inclusion in this Special Section. Manuscripts should be submitted as usual through the APA Online Submission Portal, and the cover letter should indicate that the authors wish the manuscript to be considered for publication in the Special Section on Hormones and Cognition. Manuscripts received by **June 1, 2011**, can be considered for inclusion in the Special Section.

Questions or inquiries about the Special Section can be directed to the Guest Editor of the section, Karyn Frick, PhD, at frickk@uwm.edu.

Gordon Research Conference in Neuroethology

The 2011 Gordon Research Conference in Neuroethology will be held August 14 - 19, 2011, at Stonehill College in Easton, Massachusetts, USA. Susan Fahrback and Jochen Zeil are the Co-Chairs; they are being assisted in organizing the program by Vice Chairs Hans Hofmann and Heather Eisthen.

View the program and register at: <http://www.grc.org/programs.aspx?year=2011&program=neuroeth>

The conference will be preceded by a weekend Gordon Research Seminar in Neuroethology designed to foster professional development and networking among graduate students and post docs conducting neuroethology research. Registration for the Gordon Research Seminar is separate from that for the main conference, and can be accessed at:

http://www.grc.org/programs.aspx?year=2011&program=grs_neur

Job Postings/Training Opportunities

Faculty Positions:

Tenure Track - Psychology Instructor - Physiological Neuroscience, Santa Monica College

The Psychology Department of Santa Monica College is seeking a full-time faculty member in Physiological Psychology/Behavioral Neuroscience. The ideal candidate will be knowledgeable regarding current findings, theoretical approaches and research strategies in the field and will be able to teach lower-division courses in Introductory Psychology and Physiological Psychology as well as multiple, related courses. Faculty participate in professional activities at the individual, departmental, institutional and community levels by remaining current in subject matter areas and instruction techniques, participating in curriculum development and in the review and assessment of programs and courses, and serving in campus governance and faculty organizations.

Assistant Professor Social Neuroscientist - Wayne State University

As part of the University's initiative to enhance existing programs of excellence, applications are invited for a tenure-track faculty appointment in the area of social neuroscience. Successful candidates will be expected to develop an independent, externally funded research program that complements and interacts with existing strengths in the department. The successful candidate for this position would conduct research using neuroscience techniques with a social psychology perspective and would contribute to both undergraduate and graduate teaching in social psychology.

Review of applications will begin immediately and continue until the position is filled.

Wayne State is committed to development of innovative approaches to neuroscience and supports a state-of-the art MRI Research Center with an outstanding staff of MR physicists and technologists dedicated to research and development. Wayne State University is a Carnegie Doctoral/Research University-Extensive and is ranked by NSF among the top 50 public research universities in total R&D expenditures. We are located in the cultural center of Detroit, a metropolitan area of five million people. See <http://www.clas.wayne.edu/Psychology> and <http://www.wayne.edu> for more information about the Department and the University. Applicants should submit a CV, key reprints/preprints, statements of research and teaching interests, and have three letters of reference sent to R. Douglas Whitman, Chair, Department of Psychology, Wayne State University, 5057 Woodward Avenue, Suite 7908, Detroit, MI 48202. This position is pending final budgetary approval. **Inquiries and materials can be submitted electronically (on-line application instructions will follow at a later date) to psychology@wayne.edu.** Wayne State is an Affirmative Action/Equal Access/Equal Opportunity Employer that encourages women and minority candidates to apply.

Postdoctoral Positions:

Post-doctoral Research Position at Notre Dame: Computational Models for the Neuroendocrine Control of Social Behaviors

A post-doctoral fellow position is available immediately in the field of Behavioral Neuroendocrinology. The focus of the laboratory is on peptide and neurosteroid regulation of social behaviors in amphibians. This position is funded by an NSF grant that addresses research questions related to mate choice and sexual selection, including a significant field component. Candidates with expertise in study of vocal communication systems are especially encouraged to apply.

We use a broad range of approaches, including cell and molecular biology techniques, electrophysiology, behavioral observations in field and lab, and agent-based modeling. This provides fellows with an unusually broad training environment. We seek a candidate trained in endocrinology, neuroendocrinology, molecular neuroscience, and/or animal behavior/ behavioral ecology. Candidates with inter-disciplinary training or who desire such training are especially welcome. The University of

Notre Dame, currently ranked 19th among national universities by US News & World Report, provides exceptional facilities and training resources.

Applicants must possess a PhD in a relevant field. The ideal candidate will be creative and ambitious, with strong statistical and writing skills. Interested applicants should send a curriculum vitae and a statement of research interests to Dr. Sunny Boyd, Professor of Biological Sciences, University of Notre Dame, Notre Dame, IN 46556 or submit electronically (preferred) to boyd.1@nd.edu. Review of applications will begin immediately and continue until the position is filled.

Postdoctoral Position at Indiana University/Kinsey Institute: Sexual and Reproductive Diversity

Are you interested in new research methods to increase our understanding of sex, gender and reproduction? Would you like further training that will help you become an independent researcher? This 2 year traineeship offers the opportunity to be immersed with colleagues (pre, postdoc and faculty) from human sexual and reproductive health, gender studies, animal behavior, endocrinology, and the evolution of development to ensure high quality and broad spectrum training. Access and interaction with faculty of different specializations is built into the training experience.

Funding is through an NIH T32 training grant, 'Common Themes in Reproductive Diversity.' We offer broadly integrative training in the areas of sexuality, sexual behavior, reproduction and development, with attention given to a wide variety of species, including humans. We are especially inviting applicants interested in humans and who seek cross-disciplinary training that will enrich and deepen their work. A PhD in psychology, anthropology, gender studies, biology, neuroscience, chemistry, or a related field is required.

If you are interested, find out more by visiting <http://www.indiana.edu/~reprodiv/themes.htm> and do make initial contacts with one of the training faculty who might serve as primary mentors <http://www.indiana.edu/%7Ereprodiv/faculty.htm>.

Please email your completed application to Linda Summers at lisummer@indiana.edu with the email subject line: CTRD Post-doc Application.

Postdoctoral Fellowship in Behavioral Neuroendocrinology, University of Michigan, Ann Arbor

A Postdoctoral position is available at the University of Michigan in the laboratory of Dr. Lique Coolen in the departments of Psychology and Molecular & Integrative Physiology. The goal of the studies is to investigate the effects of prenatal exposure to testosterone on the mesolimbic reward system, using a sheep model for polycystic ovary syndrome. Projects include molecular analyses (real time PCR, in situ hybridization, western blot analysis, epigenetic analysis), and neuroanatomical analyses (immunohistochemistry, confocal microscopy). In addition, the post doctoral fellow will participate in endocrine manipulations and behavioral observations in collaboration with the laboratory of Dr. Theresa Lee. These projects are funded by a NIH Program Project Grant and postdoctoral fellows will be part of a vibrant collaborative group, involving multiple PIs (including Drs. Theresa Lee, Michael Lehman, Lique Coolen and Vasantha Padmanabhan). Requirements: PhD and experience in neuroscience, endocrinology or reproductive biology. Experience with large animals is helpful, but not required.

If interested, please send a copy of your c.v. with names and contact information of at least two references to Dr. Lique Coolen at coolenlm@umich.edu.

**Postdoctoral position in neuroscience/patch-clamp electrophysiology,
University of Oklahoma Health Sciences Center**

A post-doctoral position is immediately available in the group of Dr. Raphael Pinaud in the Department of Physiology/ROCA at the University of Oklahoma Health Sciences Center, OK. The overarching goal of the projects associated with this position is to determine how estrogen modulates the auditory processing of complex auditory signals, and determine the intracellular mechanisms through which this hormone regulates auditory learning and plasticity-associated gene expression (see Tremere et al. (2009) *J. Neurosci.* 29: 5949-5963; Tremere et al. (2010) *Nature Prot.* 5: 191-200; Tremere & Pinaud, (2011) *J. Neurosci.* - in press). The position is available for a highly motivated individual who has an excellent record for productivity in research and is enthusiastic about the neural basis of auditory processing and plasticity, and/or neuroendocrinology. More specifically, the position is open for an individual with strong experience whole-cell patch clamp electrophysiology in neurons. The candidate should have a Ph.D. in the biological sciences. This full-time position is available for 1-year initially, with the potential for renewals for up to 4 additional years, and is funded by grants from the National Institutes of Health (NIH) and the National Science Foundation (NSF). Salary will be commensurate with experience and competitive benefits are provided. Applications will be reviewed immediately and continue until the positions are filled. Interested candidates should e-mail a short letter of interest, a CV with a summary of research experiences, and the names and contact information of 3 references to raphael-pinaud@ouhsc.edu.