



SBN

Society for Behavioral Neuroendocrinology

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SBN Announcements

Dr. Alexander (Sasha) Kauffman is a recipient of the 2012 FABBS Early Career Investigator Award

Dr. Sasha Kauffman is an assistant professor of reproductive endocrinology at UC San Diego. His lab is interested in how the brain controls reproduction and reproductive behavior. Specifically, he studies how neuropeptides in specific brain regions stimulate or inhibit reproductive control centers in the forebrain, and how these processes ultimately affect an animal's reproductive physiology and fertility. He is also interested in how these neural regulatory circuits are themselves influenced by developmental factors, hormones, neural signals and environmental factors (e.g., food, stress, photoperiod) both in adulthood as well as during critical periods of development such as puberty and sexual differentiation. The long-term goal is to apply what we learn about the neuroendocrine control of reproduction to improving and advancing medical and therapeutic treatments of human infertility, precocious or delayed puberty, and other reproductive disorders. This will be awarded at the next SBN meeting in June in Atlanta.

SBN Creates the WC Young Recent Graduate Award

William C. Young, Frank Beach and Daniel Lehrman produced the foundations of Behavioral Neuroendocrinology. SBN honors Beach and Lehrman by awarding special prizes that reflect the contributions of these founders and their importance to the Society. SBN now adds WC Young to those so honored with the creation of the "WC Young Recent Graduate Award" to be awarded to a recent PhD.

The WC Young Recent Graduate Award is grounded in our history as the SBN's precursor, the West Coast Sex Conference (WCSC), founded by Frank Beach and WC Young, created a graduate award honoring WC Young following Young's death in 1966. The WCSC eventually was replaced by the Conference on Reproductive Behavior (CRB). As the interests of CRB members broadened beyond sexual behavior the SBN

Contact Us

Two Woodfield Lake
1100 E Woodfield Rd
Suite 350
Schaumburg, IL 60173
P: (847) 517-7225
F: (847) 517-7229
E: info@sbn.org
www.sbn.org

was formed in 1996, replacing the CRB in 1997. With the end of the WCSC the WC Young Graduate Award was no longer awarded. SBN, reflecting how strongly it values graduate students in the Society, now restores the WC Young Recent Graduate Award effective with the 2013 annual meeting.

The WC Young Recent Graduate Award will be for the most outstanding graduate dissertation as judged from a three-page essay submitted by the candidate in addition to a CV and letters of recommendation. The awardee will receive travel support to the annual meeting as a Young Investigator and a \$500 honorarium. In addition the WC Young Recent Graduate awardee will be the lead speaker at the Young Investigator symposium. Graduate students can apply in the year their PhD is awarded or the following year, but they would only qualify to apply one time.

Call for applications would be made to the SBN memberships, and the deadline would be the same as the applications for Young Investigator and Travel Awards to the annual meeting. Applicants for the WC Young Recent Graduate Award would submit the same materials as for the YI with one additional requirement, a maximum three-page essay based on the student's dissertation. Applications for the WC Young Recent Graduate Award that are not selected will be judged along with the Young Investigator applications, as long as the applicant has not already received a YI award for a previous meeting. Per usual any applicants that fail to win a YI award, and are eligible, will also be considered for a travel award.

Call for Nominations: Daniel S. Lehrman Lifetime Achievement Award in Behavioral Neuroendocrinology

Nominations are being accepted for the 2013 8th Daniel S. Lehrman Lifetime Achievement Award in Behavioral Neuroendocrinology. Investigators that have sustained a record of significant original research, distinguished scholarship, and highly effective mentorship in any field of behavioral neuroendocrinology may be nominated. They may be either retired or still active in research, provided they have been a full professor (or foreign equivalent, if outside the U.S., or industry equivalent, if working outside academia) for more than 10 years and have trained a significant number of students and research associates who have, in turn, made exceptional contributions in behavioral neuroendocrinology. Submit a letter of nomination, including a detailed description of the nominee's most significant contributions to research, scholarship and mentorship and a copy of the nominee's curriculum vitae. More than one nomination letter or jointly written nomination letters are helpful to the committee. Electronic applications are preferred. Send materials by March 15, 2013 to Emilie Rissman - Chair, SBN Awards Committee at rissman@virginia.edu.

General Announcements

7th International Meeting on Steroids and Nervous System, Torino, February 16 - 20, 2013

[Call for Abstracts and Early Registration - Deadline Extended to December 21st](#)

The 7th meeting on Steroids and Nervous System will be held in Orbassano (Torino) next February 2013. As during the previous meetings, we will address state-of-the-art approaches in the field of steroids and nervous system, including behavior, epigenetics, genomic and non-genomic actions, aging, synaptic connectivity and psychiatric disorders. A **[satellite symposium](#)** entirely dedicated to "Allopregnanalone: The State of Art" will be held the day of the 16th.

During the main meeting, we will have 3 keynote lectures, 7 half-day symposia, one round table and interactive poster discussions during the coffee and lunch sessions. The conference will be held at the hospital San Luigi Gonzaga (Orbassano, near Torino). Torino can easily be reached either by train or by plane, More information is at our website: **<http://www.nico.ottolenghi.unito.it/neurosteroids/>**.

Gordon Research Seminar on Neuroethology: Behavior, Evolution & Neurobiology

The Gordon Research Seminar (GRS) on Neuroethology: Behavior, Evolution & Neurobiology will be held on the 17th and 18th August 2013 at Mount Snow Resort, VT, U.S.A. Submit your abstract for poster or oral presentation consideration as part of the program. Registration and abstract submission accepted until April 17, 2013, (oral presentation) and July 20th (poster). The Gordon Research Seminar in Neuroethology is aimed at fostering interactions between graduate students and post-docs who have undertaken the study of the neural basis of vertebrate and invertebrate behavior. The 2013 Neuroethology GRS will focus on the interfaces among sensory, integrative and motor areas and how they form a closed behavioral loop. The young scientists (graduate students and postdocs) attending this conference will present and share findings on the functional basis of neural circuits, from molecular to behavioral scales and across many specialties (for example, molecular, imaging and electrophysiology). Please visit **<http://tinyurl.com/neuroethology>** for details and registration instructions. The posters for the seminar description and the preliminary program can also be found as links at: **<http://tinyurl.com/neuroethology>**.

Job Postings/Training Opportunities

Faculty Positions:

**FULL DESCRIPTIONS ARE AVAILABLE ONLINE AT
THE SBN WEBSITE**

<http://www.sbn.org/opportunities/bno.aspx>

1) Tenure-track Position in Behavioral Neuroscience, Department of Psychology, University of Illinois at Urbana-Champaign

2) Tenure-track Positions in Human Neuroimaging, Departments of Psychology and/or Neuroscience, Physics, Georgia State University

3) Tenure-track Assistant Professor Position in Cognitive Psychology or Neuropsychology, West Chester University

4) Tenure-track Assistant Professor Position in Health Psychology, West Chester University

Postdoctoral Positions:

**FULL DESCRIPTIONS ARE AVAILABLE ONLINE AT
THE SBN WEBSITE**

<http://www.sbn.org/opportunities/bno.aspx>

1) Postdoctoral Research Associate Position in laboratory of Dr. Elliott Albers to study the role of GABA in the entrainment of circadian rhythms, The Neuroscience Institute, Georgia State University

2) Postdoctoral Research Associate Position in the laboratory of Dr. Timothy Bartness to study the control of body fat, especially the role of the sympathetic and sensory innervation of these tissues, Department of Biology, Georgia State University

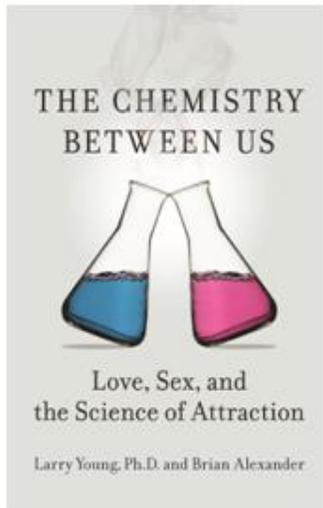
3) Postdoctoral Research Associate Position in the laboratory of Dr. Timothy Bartness to study the neurochemical/neuroanatomical/endocrinological basis of the appetitive ingestive behaviors of food foraging and hoarding, Department of Biology, Georgia State University

4) Postdoctoral Positions in Behavioral Neuroscience in the laboratories of Heather Caldwell, John Johnson and Eric Mintz, Department of Biological Sciences, Kent State University

5) Postdoctoral Position in sexuality, sexual behavior, reproduction and development, Indiana University/Kinsey Institute

SBN Member Books

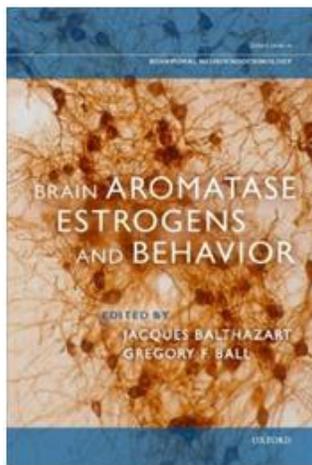
The Chemistry Between Us: Love, Sex and the Science of Attraction, Larry Young & Brian Alexander, Current Hardcover, 2012.



SBN member Larry Young and science writer Brian Alexander team up to publish *The Chemistry Between Us: Love, Sex and the Science of Attraction* (<http://thechemistrybetweenus.com>).

Written for the general public and scientists alike, this book provides a thorough, yet light hearted and entertaining account of the neuroendocrine mechanisms that drive sexual, parental and social behavior, as well as of the scientists who made those discoveries. Each chapter is grounded in animal experiments performed by many of our own SBN members, and then relates these mechanistic studies to parallel findings in our own species. Tackling topics ranging from the development of the sexual brain to monogamy, cheating and society, *The Chemistry Between Us* will both inform and entertain. An excellent holiday gift, and an excellent way to engage undergraduates in Hormones and Behavior courses.

Brain Aromatase, Estrogens, and Behavior, Jacques Balthazart & Gregory F. Ball (Eds), Oxford University Press, 2012.



Estrogens, such as estradiol, can occur in brain as the result of ovarian secretion of the hormone into the blood. In male vertebrates, the testes secrete androgens, such as testosterone, into the blood and this class of steroid hormones can be converted into estrogens in the brain via the action of the enzyme aromatase, which is expressed in the male brain in many species. Finally, estradiol can be synthesized de novo from cholesterol. This book collects chapters by experts in the field that considers how estradiol is synthesized in the brain and what its effects are on a variety of behaviors. Special attention is paid to the enzyme aromatase

that is distributed in discrete regions of the brain and is highly regulated in a sex-specific and seasonal specific manner. Recently it has become clear that estrogens can act in the brain at two very different time scales, one is rather long lasting (days to weeks) and involves the modulation of gene transcription by the hormone-receptor complex. A second mode of action is much quicker and involves the action of estrogens on cell membranes that can result in effects on second messenger systems and ultimately behavior within minutes. Thus this

book highlights novel views of estrogen action that are still under-appreciated namely that estrogens have significant effects on the male brain and that they can act on two very different times scales. This volume will be of interest to basic researchers and clinicians interested in the action of estrogens.