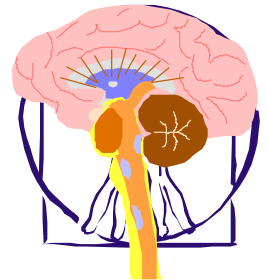


Neural Control and Autonomic Regulation Section

NEWSLETTER



March, 2005

Carl Ludwig Distinguished Lecture



"Genes and Proteins in the Blood Brain Barrier Affecting Arterial Pressure Regulation: Implications for the Etiology of Hypertension"

Dr. Julian F. R. Paton
University of Bristol

Sunday, April 3,
10:30 am

The **Carl Ludwig Distinguished Lecture** at EB 2005/IUPS will be given by **Dr. Julian Paton** of the University of Bristol. This lectureship is named in honor of Carl Ludwig in recognition of his many and important contributions to understanding autonomic regulatory mechanisms. The lectureship is sponsored by the Neural Control and Autonomic Regulation Section of the American Physiological Society.

Dr. Paton is Professorial Research Fellow in the Department of Physiology, University of Bristol. Dr. Paton's research has explored circuitry of the brain that controls basic functions of the cardiovascular and respiratory systems, defining neuronal mechanisms that regulate blood pressure and generate breathing in experimental animals. These systems are controlled in part by common central neural circuits to provide matching of cardiac output and minute ventilation. Dr. Paton utilizes many sophisticated, multifaceted, and creative approaches to examine novel aspects of central neural control of these systems.

Dr. Paton will also attend the **NCAR Reception** on Sunday, April 3, at 6:30 pm in the Coronado Room of the Marriott Hotel. Please attend and use this opportunity to meet Dr. Paton and mingle with other NCAR members.



Many events of potential interest to NCAR members are planned for the annual Experimental Biology Meeting, which this year is being held jointly with the International Congress of Physiological Sciences. These include the **Carl Ludwig Distinguished Lecture on Sunday, April 3 (10:30 am)** and a **NCAR Reception and Business Meeting on Sunday, April 3 (6:30 pm)**.

Carl Ludwig Distinguished Lectureship

Title: Genes and Proteins in the Blood Brain Barrier Affecting Arterial Pressure Regulation: Implications for the Etiology of Hypertension Julian Paton, University of Bristol, UK
Sunday, April 3, 10:30-11:30, Room 33 of the Convention Center

Because the meeting this year was programmed in association with the International Union of Physiological Sciences, other than the Carl Ludwig Distinguished Lectureship there are no sessions that are specifically sponsored or programmed by NCAR. However, there are many sessions that might interest members of NCAR, many of which are listed below. There are so many sessions of potential interest to NCAR members, that they all can't be listed in this News Letter. A sampling is included below, but a more complete list can be found on the APS website, at <http://www.the-aps.org/meetings/eb2005/>

Partial list of other EB sessions of interest to NCAR members:

Special Lectures

The Walter B. Cannon Memorial Award Lecture: Gerald F. DiBona
The Wisdom of the Body: Neural Control of the Kidney
Saturday, April 2, 5:45 pm, room 33.

Symposia

Neural Control of the Circulation in Health and Disease, Chaired by R. Davissou and R. Dampney
Monday April 4, 10:30-12:30 am, Room 31 B/C

Integrative Neuronal Mechanisms for Thermoregulation, Chaired by K. Kanosue and R. Gerstberger
Tuesday April 5, 8:00-10:00 am, Room 30 D/E

continued

Neural Regulation of Hydroelectrolyte Homeostasis. Chaired by J.A. Rodrigues and M.J. Alves da Rocha
Tuesday April 5, 10:30-12:30, Room 30 B/C

Controversy: Role of Kidney vs. Brain in Blood Pressure Control, Chaired by G. Fink and T. Lohmeier
Monday April 4, 10:30-12:30, Room 31A

Featured Topics

Novel Molecular Mechanisms of Central Neuro-Cardiovascular Control, Chaired by R. Davisson and A. Schreihofner
Friday April 1, 8:00-10:00 am, Room 29D

Sensing Cardiovascular Homeostasis: Novel Molecules as Mechano- and Chemosensors, Chaired by D.H. Wang and D.L. Gill
Friday April 1, 8:00-10:00 am, Room 29D

NCAR Programming for Future EB Meetings

As EB2005 us rapidly approaching, the programming of EB2006 is already underway. If you have ideas for NCAR-sponsored symposia or Featured Topics please pass your ideas on to Robin Davisson (robin-davisson@uiowa.edu) or other member of the steering committee. Also, if you have ideas for novel types of sessions, please pass those along too. The steering committee is always open to your ideas!

NCAR BUSINESS MEETING AND RECEPTION FOR THE DISTINGUISHED LECTURER

Sunday, April 3, 6:30 PM

Marriott Hotel, Coronado Room

Everyone is invited to the NCAR reception on Monday evening. This will be your chance to meet with the distinguished lecturer and mingle with other NCAR members. We will have a short business meeting and announce the winners of our section awards, including the Michael J. Brody Award, the NCAR Research Recognition Awards, and the NCAR New Investigator Award. [Please make plans to attend!](#)

NCAR Section Trainee Awards

The Awards Committee is delighted to announce the winners of the EB 2005 NCAR Section Awards:

NCAR New Investigator Award: Glenn Toney, University of Texas- San Antonio

NCAR Research Recognition Awards:

De-Pei Li, Penn State University College of Medicine

Patrick Mueller, University of Missouri

Kazuhiro Nakamura, Oregon Health and Science University

Jin Bong Park, University of Cincinnati

Michael J. Brody Award: As is customary, the winner of this award will be announced at the NCAR Reception, Sunday April 3 at 6:30 pm (Coronado Room, Marriott Hotel)

Please come to the NCAR Reception to congratulate our section award winners.

NCAR Steering Committee Election

Robin Davisson will be completing her 3-year term on of the NCAR Steering Committee this year. (We should all thank Robin for her work on this committee.) Thus, we need to elect one new member to the steering committee. Nominations should be sent to Alan Sved (sved@pitt.edu), no later than March 31, 2005. Nominations should include a brief statement (less than 100 words) indicating why the nominee wants to serve on the NCAR Steering Committee. The Steering Committee will meet just prior to the EB meeting and select the top nominees to be included on an election ballot; these nominees will be announced at the NCAR Reception on Sunday April 3. Election ballots will be distributed to members shortly after the EB meeting. If you have any questions regarding the NCAR Steering Committee, please consult the NCAR section of the APS website or contact Alan Sved (sved@pitt.edu) or any member of the steering committee.

Our Liaison with Industry Member will also be replaced this year. If you know of anyone who would be suitable in this position, or are interested in serving in this capacity, please contact Alan Sved (sved@pitt.edu) or any member of the steering committee.

The current members of the steering committee (and the year their term ends):

Alan Sved, Chair (2006; then Past Chair through 2009)

Jeanne Seagard, Past Chair (2006)

Robin Davisson (2005)

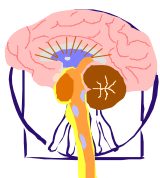
Ann Bonham (2006)

Chet Ray (2006)

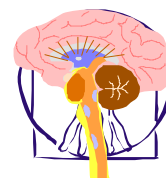
Andy Lawrence (2007)

Robert McCall, Industry Liaison (2005)

Angela Grippo, Trainee Representative (2005)



NCAR Trainee Page



MESSAGE FROM THE TRAINEE REPRESENTATIVE

Angela J. Grippo, Postdoctoral Fellow

This year's EB/IUPS meeting is packed full of trainee-relevant sessions, covering topics such as general career development, finding a job, managing a lab, presentation tips, and many more! Check out the sessions listed below, and also see the recent Trainee Newsletter at <http://www.the-aps.org/committees/trainee/> (then click on "February Newsletter"). If you would like to subscribe to the Trainee Listserv contact Melinda Lowy at Mlowy@The-APS.org.

TRAINEE-RELEVANT SESSIONS TO SEE AT EB/IUPS 2005

ASPET Graduate Student Colloquium: Drug Development at the Edge: What Every Pharmacologist Should Know About Intellectual Property, Licensing, Startups and Venture Capital

Saturday, April 2, 1:00-6:30pm, Convention Center, Room 3

ASPET Minorities Committee Workshop: Effective Communication for Scientific Success

Sunday, April 3, Morning, Marriott Hotel, Marriott Hall 2

APS Career Symposium: International Collaboration: Science Knows No Boundaries

Sunday, April 3, 5:45-7:45pm, Convention Center, Room 30B/C

ASPET Women in Pharmacology/APS Women in Physiology Committees Workshop: Managing a Laboratory

Monday, April 4, 8:00-10:00am, Marriott Hotel, Marina D

AAI Special Session: How to Succeed in Science

Monday, April 4, 12:30pm, Convention Center, Room 25B/C

5th Annual Mentoring Program: Getting Your Dream Job: Preparing Your CV and Managing Your Interview

Sunday, April 3, 12:10-1:50pm, Convention Center (separate registration and payment required)

Also see these great FASEB-sponsored sessions (check Trainee Newsletter or conference program for details; some sessions are offered multiple times throughout the week):

- Career Open Forum: Career Q&A Session
- Crafting and Individual Development Plan (IDP) That Works (separate registration required)
- How to Succeed in Graduate School: Survival 101
- Interviewing 101
- Life/Career Planning: Strategies for Academic/Career/Professional Success
- Networking: A New Millennium Requirement
- Resumexercise: Tone and Sculpt a Powerful Resume/CV
- So...You Don't Want to Work at the Bench Anymore? Planning Your Career Transition in the Sciences
- Ten Ways to Ensure a Positive and Lasting First Impression in the Employment Arena
- The First Hundred Days: How to Keep Your Dream Job from Turning into a Nightmare
- The Importance of Business Correspondence: Cover Letters, Broadcast Letters and Follow-up Letters
- The Truth About References and Reference Checking
- Your Job Search: A Sequential Process with Different Goals at Each Step of the Way

NEURAL CONTROL AND AUTONOMIC REGULATION SECTION STEERING COMMITTEE

Chair

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