



# The American Physiological Society

Membership Services

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## NEWSLETTER

### WATER AND ELECTROLYTE HOMEOSTASIS SECTION

February 2002

#### Business Meeting Luncheon

Sunday, April 21, 2002 - Plimsoll Club, New Orleans

Our annual business meeting and luncheon will be held on Sunday, April 21, 2002 from 12:30-2:00 PM. The Plimsoll Club is located on the 30<sup>th</sup> floor of The World Trade Center of New Orleans at 2 Canal St. The luncheon is an excellent time for our members to interact in an informal atmosphere. It also provides the opportunity for students, fellows, and section members to meet the Distinguished Lecturer, the recipient of the Young Investigator Award, and all other section awardees. During the luncheon, Section awardees will be introduced and presented their awards.



**Menu:** Choice of two entrées: Chicken Creole or Crawfish Etouffee. Also included: Plimsoll salad, vegetables, French bread, coffee and tea with bread pudding for dessert.

**Tickets:** \$15.00 per person (\$5.00 for graduate students). Please purchase tickets by April 1, 2002 by sending a check to **John Dietz (Checks payable to The American Physiological Society)** and include your **email address and a choice of entrée for each person**, as the tickets for the luncheon will be electronic. One check can be sent for several individuals but the names of each individual must be included. Non-US members can receive a ticket but withhold payment until the meeting by emailing John with your firm commitment to attend. **Directions:** <http://www.plimsoll.com/map.html>

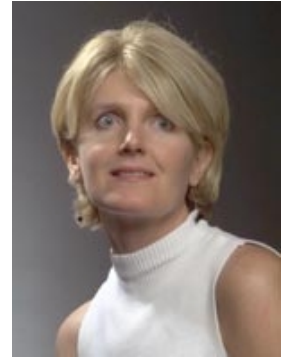
#### Ernest H. Starling Distinguished Lectureship



**Richard P. Lifton** will give the Ernest H. Starling Distinguished Lectureship for 2002. Dr. Lifton is currently Chairman of the Department of Genetics and Professor of Genetics, Internal Medicine, and Molecular Biophysics and Biochemistry at Yale University. His work has focused on the molecular genetics of cardiovascular and renal disease. His primary interest has been identification of gene mutations that alter blood pressure in humans. His laboratory has discovered mutations in several genes that raise blood pressure and in several other genes that lower blood pressure. All of these genes alter blood pressure by influencing sodium reabsorption, demonstrating the critical role of the kidneys in long-term regulation of blood pressure in man. The title of Dr. Lifton's lecture is "Genetics, the Kidney and Hypertension." This lecture will be presented on Tuesday, April 23, at 9:00 AM in New Orleans, LA, and site of EB 2002. Dr. Lifton will also attend our annual business meeting/luncheon where he will receive his award and meet with students, fellows, and Section members.

## Young Investigator Award in Regulatory and Integrative Physiology

This year's recipient of the Young Investigator Award in Regulatory and Integrative Physiology is **Robin L. Davisson**. Dr. Davisson is currently an Assistant Professor in the Department of Anatomy and Cell Biology at the University of Iowa College of Medicine. Her research has focused on the molecular determinants of cardiovascular regulation in physiological and pathophysiological states. Robin's presentation will be given at 8:30 AM on Tuesday, April 23, just prior to the Starling Lecture. The title of her lecture will be "Functional Genomic Analysis of Cardiovascular Function in Health and Disease." Robin will receive complementary registration for EB and a cash award of \$500. She will be presented with this award at our annual business meeting/luncheon. We are grateful to GlaxoSmithKline Pharmaceuticals for their continued and generous support of this award, and to David P. Brooks for help in obtaining this award.



We are also pleased to announce the first publication of the Young Investigator Award Lecture in the *American Journal of Physiology: Regulatory and Integrative Physiology*. **Christine G. Schnackenberg's** manuscript entitled "Physiological and Pathophysiological Roles of Oxygen Radicals in the Renal Microvasculature" can be found in the February 2002 issue of this journal. A complete listing of all past recipients of this award precedes this article. All future awardees will be invited to submit a manuscript on his/her lecture, which will be considered for publication in this same journal.

## Proctor and Gamble Professional Opportunity Award



Congratulations to **Keith DiPetrillo** of Dartmouth Medical School for being selected by the WEH Steering Committee for the Proctor and Gamble Professional Opportunity Award. Keith's mentor is Frank Gesek and the title of his abstract is "Tumor Necrosis Factor is a Novel Diagnostic Marker and Therapeutic Target in Diabetic Nephropathy." This award is intended for students who are the first author on an abstract submitted to APS and students within 12-18 months of completion of a Ph.D. degree. Keith's award will be presented at the APS business meeting on Tues., April 23, at 5:30 PM. Keith will receive complementary registration for EB and a cash award of \$500.

## Young Investigator Travel Awards

This year APS has given the WEH Section 3 travel awards (\$500) for EB 2002. To be eligible for an award from our Section, the investigator must be the first author on an abstract submitted to our Section, and either a pre-doctoral student or within ten years of receiving a Ph.D. or M.D. degree. This year's recipients are:

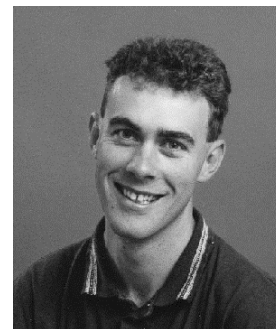
**Sean D. Stocker** (laboratory of Alan Sved) "Elevated Dietary Salt Suppresses Renin Release but not Thirst Evoked by Arterial Hypotension."

**Sherry Oden** (laboratory of Debra Diz) "Chronic Enalapril or Losartan Treatment and the Intra-Renal Renin-Angiotensin System of Aged Rats."

**Javier E. Stern** "Postsynaptic GABAB Receptors Modulate Firing Activity of Magnocellular Supraoptic Neurons."

## Arthur C. Guyton Award for Excellence in Integrative Physiology

The Awards Committee of APS selects one APS member each year for the Arthur C. Guyton Award for Excellence in Integrative Physiology. This award is made to an APS member who holds an academic rank no higher than assistant professor and is pursuing research that utilizes quantitative and integrative approaches and feedback control system theory for study of physiological functions. The award is for \$15,000 and is designated for the use of the awardee in his/her research program. We are especially pleased to announce that **Simon C. Malpas** of our Section is the recipient of this award for 2002. Dr. Malpas is a Senior Lecturer in Physiology in the Department of Physiology, University of Auckland, New Zealand.



## Henry Pickering Bowditch Award Lecture



The Bowditch Lectureship is awarded to an APS member, under 42 years of age, for original and outstanding accomplishments in the field of physiology. The awardee is selected by the President of APS. Past President, Gerald F. DiBona has selected Dr. Pontus B. Persson of our Section to give the Bowditch Lecture at EB 2002. Dr. Persson's lecture is entitled "Control of Renin, From Cell Lysates to the Conscious Dog" and will be held on Sunday, April 21, at 5:30 PM. Dr. Persson is Chair at the Johannes-Muller Institute of Physiology, Humboldt University in Berlin. He is also the Editor of the *American Journal of Physiology: Regulatory and Integrative Physiology*.

## Ernest H. Starling Distinguished Lecturer 2003

The Steering Committee will soon select the Ernest H Starling Distinguished Lecturer for year 2003 and needs your suggestions. Please send nominations by email to **Tom Lohmeier** by March 29, 2002.

## New Steering Committee Members

In response to your input, **Richard J. Roman** will be the next Chair of the Section Program Committee. Dr. Roman is Professor of Physiology at the Medical College of Wisconsin. As you recall, Dr. Roman presented the Ernest H. Starling Lecture last year at EB 2001. He will be responsible for developing the WEH Section scientific program for EB. He replaces **Joey P. Granger** who has done a truly outstanding job representing the interests of our section over the last three years.

We are grateful to **John Dietz** for the wonderful business meeting/ luncheons and the timely publication of the newsletter. John's tenure as Secretary/Treasurer expires this spring and the two nominees to fill this position are **Jane F. Reckelhoff** and **Terry N. Thrasher**. Dr. Reckelhoff is Professor of Physiology at the University of Mississippi Medical Center and Dr. Thrasher is Professor of Surgery and Physiology at the University of Maryland. Biographical information about these two candidates is provided below. Please use the ballot included in this newsletter (if you are a Primary Section Member) to vote for either Jane or Terry. Please FAX the completed ballot to Linda Allen, APS Membership Services (301-571-8313) by March 29, 2002.

# EXPERIMENTAL BIOLOGY 2002

## Water & Electrolyte Homeostasis Section

### Ernest H. Starling Distinguished Lectureship of the APS.

Richard Lifton  
Genetics, the Kidney and Hypertension  
Tuesday April 23, 2002, 9:00-10:00 AM.

### Young Investigator Award in Regulatory and Integrative Physiology Lecture

Robin L. Davisson  
Functional Genomic Analysis of Cardiovascular Function in Health and Disease  
Tuesday, April 23, 2002, 8:30-9:00 AM.

### Henry Pickering Bowditch Award Lecture

Pontus B. Persson  
Control of Renin, From Cell Lysates to the Conscious Dog  
Sunday, April 21, 2002, 5:30 PM.

### Water & Electrolyte Homeostasis Section Symposium

Role of Endothelin ET<sub>b</sub> Receptors in Cardiorenal Function  
Chairs: Gregory D. Fink and Joey P. Granger  
Sunday April 21, 2002, 10:30 AM-12:30 PM.

### Water & Electrolyte Homeostasis Section Featured Topics:

Neural Mechanisms Impacting Sodium Balance and Arterial Pressure in Hypertension and Heart Failure  
Chairs: Heimo Ehmke and Robert Felder  
Invited Presenter: Robert Felder  
Monday April 22, 2002, 10:30 AM-12:30 PM.

Applications of Physiological Genomics: the Discovery of Novel Genes for Volume and Pressure Regulation  
Chairs: Andrew Greene and Jennifer Pollock  
Invited Presenter: Andrew Green  
Sunday April 21, 2002, 3:15-5:15 PM.

Interfacing Molecular and Integrative Physiology of the Kidney: Na Transporters and Channels in Complex Disease Models  
Chairs: Mark Knepper and Jeff Garvin  
Invited Presenter: Mark Knepper  
Sunday April 21, 2002, 8:00-10:00 AM.

### Cross-Sectional Symposia

Translational Research in Preeclampsia and Pregnancy-Induced Hypertension  
Chairs: Raouf A. Khalil and Phyllis August  
Wednesday April 24, 2002, 8:00-10:00 AM.



## APS COMMITTEE NOMINATIONS

Complacency is our enemy. There are 16 APS committees for which the Committee on Committees recommends appointments. Our Section now has primary members on all but 1 of these committees. However, the terms of 2 Section members ends this spring, and unfortunately no Section members were nominated to replace them. In addition, next spring the committee terms of 5 additional Section members will expire. This year, our Section did nominate 2 primary members and supported the nominations of 2 secondary members for committee positions. However, a very strong push will be needed by our membership this fall to fill the WEH vacancies on 7 committees next year.

The nomination process is remarkably simple but should be initiated by the membership. It is quite challenging for the Section steering committee to scrutinize the membership list each year and solicit nominations. Serving on an APS committee is a good mentorship opportunity and also a good opportunity to recruit colleagues to become primary members. It is worth noting that on one of the committees we are losing a representative this year, there were no nominations from any Section, i.e. zero nominations, so any nomination probably would have been successful. There also were two other committees we had representation, which received no nominations to fill a vacancy. Thus, we may have been able to add an extra Section member to these committees.



So, start thinking about this and contact **Mike Brands** with questions. A preliminary list of committees to consider for next year is: Animal Care, Awards, Daggs, Education, International, Membership, Publications, and Senior Physiologists. Remember, going through your section will strengthen your nomination considerably.

## SIGN UP FOR THE WEH SECTION LISTSERV

The quickest way to receive the newsletter and other information from the Water and Electrolyte Homeostasis Section (WEHSEC) is to sign up for the appropriate APS ListServ:

<http://www.the-aps.org/>

You will need to log in to “Member Services”, then click on “APS ListServ” and follow the directions to subscribe.

**Water and Electrolyte Homeostasis Section  
Steering Committee**

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