

The American Physiological Society

Membership Services

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NEWSLETTER

WATER AND ELECTROLYTE HOMEOSTASIS SECTION

March 2003

Greetings from the Chair, Tom Lohmeier

My tenure as Chair of our Section will end at EB 2003. Once again, I want to thank you for the privilege and challenge of representing the interests of our Section in APS activities. In the last 3 years, our Steering Committee has worked diligently to involve our members in the multiple activities of our Section and APS. Through initiatives including membership on the Steering Committee, the new membership program, publications, programming, and awards, we have made a special effort to include young and international scientists in our activities. Having been involved in WEH activities for more than 10 years, I now look forward to stepping back and following the leadership of another generation. This leadership will need your support. Please take advantage of opportunities to be an active participant in our Section. The continued vitality of our Section will depend upon your contributions.

Business Meeting Luncheon Sunday, April 13, 2003 - Harbor House, San Diego

Our annual business meeting and luncheon will be held on Sunday, April 13, 2003, from 12:15-1:45 PM. The Harbor House is located at 831 W. Harbor Drive, in San Diego. 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.

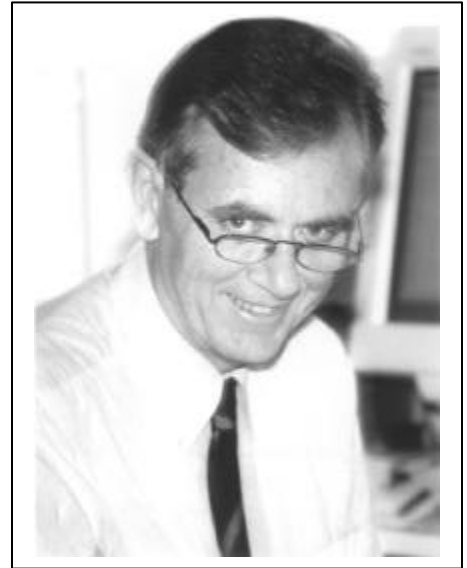


Menu: There will be a choice of three entrées: calamari salad, fresh king salmon, and prime rib sandwich. Dessert will be chocolate mousse.

Tickets: \$15.00 per person (\$5.00 for graduate students). Please purchase tickets by April 4, 2003, by sending a check to Jane Reckelhoff. (**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 Janie with your firm commitment to attend (jreckelhoff@physiology.umsmed.edu). **Directions:** Go out the back of the San Diego Convention Center, (i.e. board walk side); walk past the Marriott and Hyatt Hotels on the waterfront board walk and the Harbor House is next.

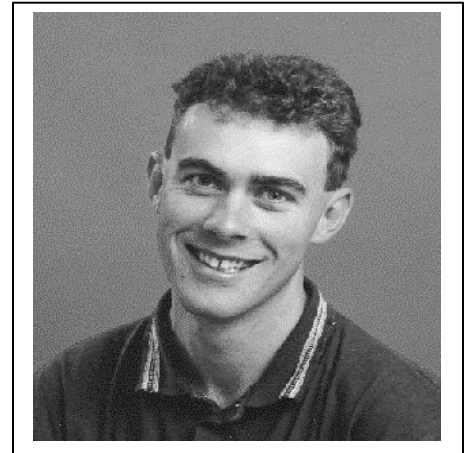
Ernest H. Starling Distinguished Lectureship

Dr. Friedrich C. Luft will present the Ernest H. Starling Distinguished Lectureship for 2003. Dr. Luft is Professor of Medicine and Head of the Nephrology and Hypertension section at the Franz Volhard Clinic, Chief of the First Clinic for Internal Medicine, Klinikum Buch, Medical Faculty of the Charite Humboldt University of Berlin. Dr. Luft trained in Internal Medicine and Nephrology at Indiana University School of Medicine, where he was a faculty member for 15 years. While at Indiana University, he was involved in genetic studies of hypertension and salt homeostasis long before such studies became in vogue. Dr. Luft's current interests are broad and range from cellular to patient-oriented research. He is particularly interested in the molecular genetics of cardiovascular diseases. The title of Dr. Luft's lecture is "The Role of Genetic Models in Elucidating Cardiovascular Reflex Regulation." This lecture will be presented on Monday, April 14, at 10:50 AM. Dr. Luft 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 Simon C. Malpas. Simon was recently promoted to Associate Professor in the Department of Physiology, University of Auckland, New Zealand. His research has focused on brain pathways regulating sympathetic activity, the functional role of various frequency components of cardiovascular signals, the effects of renal sympathetic nerve activity on renal function, and the role of the renal nerves in long-term control of arterial pressure. Simon's presentation will be given at 10:30 AM on Monday, April 13, just prior to the Starling Lecture. The title of his presentation will be "What sets the long term level of sympathetic activity?" Simon will be presented this award at our annual business meeting/luncheon.



This year will mark the 10th anniversary of this award. For many years, SmithKlineBeecham Pharmaceuticals (now GlaxoSmithKline Pharmaceuticals) has sponsored this award for our Section. This no longer will be the case. As indicated in our Fall newsletter, a new initiative of the APS is to support the "APS Sectional New Investigator Awards of APS" for all APS Sections. This award consists of \$1,000 and complementary registration to attend EB. See our Fall newsletter or the APS web page for the criteria for this award.

We are pleased that for the second consecutive year the Young Investigator Award Lecture will soon be published in the *American Journal of Physiology: Regulatory and Integrative Physiology*. An article by Robin L. Davisson, last year's award winner, will appear in the Journal in the near future.

The WEH Section New Membership Program

We greatly appreciate SmithKlineBeecham Pharmaceuticals willingness to shift their financial support from the Young Investigator Award in Regulatory and Integrative Physiology to our new membership program and to David P. Brooks for his help in obtaining this support. This program is designed to attract new members to our Section. Through this program, the WEH Section will pay the first year's fees for any individual who wishes to become either a student member or a regular member of APS and designates the WEH Section as their primary affiliation. In the last year, our membership has increased by ~ 15 members through this program. While there are many advantages to membership, one especially nice benefit is that all members have access to all APS Online Journals.

Proctor and Gamble Professional Opportunity Award

Congratulations to Elizabeth Loomis of the Vascular Biology Center, Medical College of Georgia for being selected by the WEH Steering Committee for the Proctor and Gamble Professional Opportunity Award. Elizabeth's mentor is Jennifer Pollock and the title of her abstract is "ET-1 Stimulates O₂ Production Exerting a Vasoconstrictor Effect in Rat Aortic Rings." 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. Elizabeth's award will be presented at the APS business meeting on Monday, April 14, at 5:45 PM. Elizabeth will receive complementary registration for EB and a cash award of \$500.

Young Investigator Travel Awards

For EB 2003, APS has given the WEH Section 3 travel awards (\$500 each). To be eligible for an award from our Section, the investigator must be a 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 the Steering Committee evaluated a record number of applicants (19). These awards will be presented at our annual business meeting/luncheon. This year's recipients and the titles of their presentations are:

Lourdes Fortepiani (laboratory of Jane Reckelhoff)--"Post-Menopausal Hypertension is Associated with Decreased Levels of Antioxidant Enzymes in the Kidney."

Sean D. Stocker (laboratory of Alan Sved)--"Intravenous 6-Hydroxydopamine Attenuates Vasopressin Secretion Stimulated by Hemorrhage but not Hyperosmolality."

Jan Williams (laboratory of David Pollock)--"Arterial Pressure Responses to the Antioxidant, Tempol, and ETB Receptor Blockade in Rats on a High Salt Diet."

APS Committee Nominations, Mike Brands

This is the first year for the revised committee nomination procedure. There have been a few bumps, but we are in good shape at this point thanks to several willing volunteers. The new process is designed to simplify and open the nomination procedure for the membership by moving away from the previous system where sections more actively assembled lists of nominees. Unfortunately, at the open submission deadline, our Section and several other sections had few nominees. However, in response to my last minute "call to arms," we now have several excellent nominees for the following committees: Education, Career Opportunities, International Membership, and Animal care & Exp. The Committee on Committees will assemble their list of recommendations to Council at EB 2003, and we should have a hint about our prospects at our business meeting/luncheon in San Diego. Thanks to all of you who jumped into action and submitted nomination forms.

EB Programming, Rich Roman

EB 2004, Washington, D.C.

In regard to EB 2004, I have received 3 proposals for symposia from our members and will do my best to get at least 2 approved. We still need suggestions for Featured Topic sessions. If you have a topic of interest for oral presentation, please forward any suggestions to me as soon as possible.

EB 2005, San Diego

The 2005 meeting will be a joint meeting with IUPS. The normal program committee of APS will be working with the IUPS counterparts to produce a combined program. This meeting will be an especially great challenge for our Section since there is not a corresponding section specific for WEH in the IUPS. As such, we will need to program the interests of our Section by working with the Cardiovascular and Renal sections. For this reason, I need the help of our membership in creating interesting proposals for Featured Topics and Symposia of interest to our section. The deadline for submission is May 16, 2003. The good news is that there will be a bit more money for speakers at the IUPS meeting and you can and are encouraged to invite speakers from around the world that do not normally participate in our meeting. If we put together several outstanding applications, I would like to submit at least 4. Please contact me with your ideas and recommendations so we can participate fully in this important International meeting.

EB 2003, San Diego

The WEH Section will sponsor the following poster sessions:

Gender Differences in Body Fluid and CV Regulation

Mechanisms of End Organ Damage in Hypertension and Diabetes

NO, Oxygen Radicals and Lipid Mediators in Arterial Pressure and Fluid Volume Control

Renin-Angiotensin System in Volume and Arterial Pressure Regulation

EXPERIMENTAL BIOLOGY 2003

Water & Electrolyte Homeostasis Section



Ernest H. Starling Distinguished Lectureship of the APS.

Friedrich C. Luft

The Role of Genetic Models in Elucidating Cardiovascular Reflex Regulation

Monday, April 14, 10:50 AM.

Young Investigator Award in Regulatory and Integrative Physiology Lecture

Simon C. Malpas

What Sets the Long Term Level of Sympathetic Activity?

Monday, April, 14, 10:30 AM.

Water & Electrolyte Homeostasis Section-Sponsored Symposium

Redox Regulation of Renal Function and Arterial Pressure

Chairs: R. Davis Manning, Jr. and Ai-Ping Zou

Sunday, April 13, 3:15-5:15 PM.

Water & Electrolyte Homeostasis Workshop and Special Symposium

Methods to Detect Oxidative and Nitrosative Stress

Chairs: Matthew B. Grisham and Joey P. Granger

Friday, April 11, 3:30-5:30 PM.

Water & Electrolyte Homeostasis Section Featured Topics:

Hypertension (Starling Lectureship Featured Topic)

Chairs: Richard Roman and Thomas Lohmeier

Monday, April 4, 10:30 AM-12:30 PM.

Neurohumoral Control of Body Fluid Volume and Arterial Pressure.

Chairs: Simon Malpas and Terry Thrasher

Monday, April 4, 3:15-5:15 PM.

Insights on Renal Function and Blood Pressure Control from Genetically Manipulated Animals

Chair: Richard Roman

Saturday, April 12, 8-10 AM.

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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Term ends: 2005

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Term ends: 2005

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Term ends: 2005

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Term ends: 2003

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Term ends: 2003