



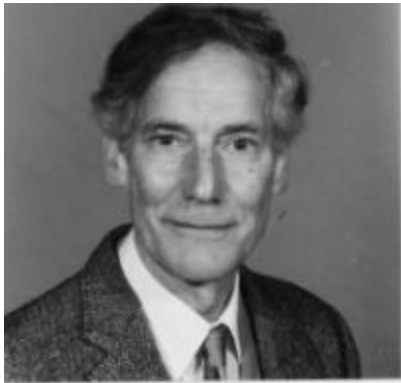
THE HISTORY OF PHYSIOLOGY GROUP NEWSLETTER

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MESSAGE FROM THE CHAIR, Henry Brown, M.D.

To members of the Interest in History Group:



The Washington Meeting offers a fine opportunity not only for all us interested in history, but for our further education in physiology as well. The History Program which Dr. Schneider has outlined, assembled by her and Dr. Tipton, is an excellent opportunity to hear in depth about important topics with which many of us are not as familiar as we would like. As you know, Washington is a beautiful city with many parks and historical monuments, fine libraries and elegant government buildings. It would be good if all of us could also spend some time enjoying the wonders of the city as well as the Meeting.

Best wishes and I look forward to welcoming all of you at the History Group Sessions of the 2004 Washington Experimental Biology Meetings.

Henry Brown, Chair of Interest in History Group

HISTORY OF PHYSIOLOGY BUFFET LUNCHEON AND BUSINESS MEETING



A free buffet lunch, provided by the generosity of APS, will be available in room 304 of the Convention Center starting at 11.30 am on Monday, April 19th. The lunch should be taken to room 306 where the History of Physiology Group Business Meeting will start at 12:01 pm., with Chairman Henry Brown, presiding. The History of Physiology Lecture will be given after the completion of the business meeting and will last until 1:45 pm. The talk will be given by Dr. Jay Dean from the Department of Anatomy & Physiology at Wright State University and is entitled "Never too high or too warm! Remembering an Environmental Physiologist Extraordinaire, Dr. Theodor Johannes ("Hannes") Benzinger".

The talk will pertain to the thermal concepts and contributions of Dr. Benzinger while at the German Air Force Testing Center (1934-1944), the U.S. Naval Medical Research Institute (1947-1970), and the National Institute of Standards and Technology (1970-1974). All parties interested in attending this “free lunch” and lecture need to notify Linda Dresser at ldresser@The-APS.Org by April 1.

SPECIAL FEATURED TOPIC: PAVLOV COMMEMORATION

On Tuesday, April 20th starting at 12:45 PM and continuing until 1:45 PM, there will be a special History of Physiology Lecture given by Dr. Gerald Smith of the Department of Psychiatry at Cornell University. The presentation will be in room 140B of the Convention Center and entitled “Commemorating Pavlov and the 100 years since his 1904 Nobel Prize”. The lecture will emphasize how unexpected experimental results led a reluctant Pavlov from “pure physiology” to an appreciation of the biological importance of psychological controls of gastrointestinal function.

HISTORY GROUP FEATURED SYMPOSIA “THE SAGA OF FEVER”

Dr Clark M. Blatteis of the Department of Physiology, University of Tennessee Health Science Center, will Chair a symposium entitled “The Saga of Fever”, to be held on Wednesday, April 21st, from 10:30 to 12:30 pm, in room 140B in the Convention Center. The four talks include:

Elisha Atkins, Fever, Historical Perspectives
Charles A. Dinarello, Exogenous and endogenous pyrogens
Anthony S. Milton, Prostaglandin E2, a fever mediator
Philip A. Mackowiack, Aspirin and other antipyretics

HISTORY OF PHYSIOLOGY GROUP POSTERS WILL BE ON DISPLAY ON TUESDAY IN THE CONVENTION CENTER

Three excellent abstracts were received this year for poster presentations in the History of Physiology section. Come by and see the following posters on Tuesday, April 20th in the Convention Center Exhibit Hall. History Posters will be numbered from D657 to D659 and will be manned by the authors from 12:45 to 3:00 pm.

Dean, J.B. Never too high or too warm! Remembering an environmental physiologist extraordinaire, Dr. Theodor Johannes (“Hannes”) Benzinger (1905-1999).

Igic, R., J.H. Stroger, Jr. Can an outstanding research be done under less than ideal conditions?

Brown, H. Clive McCay and the history of nutrition.

HISTORY GROUP RECOMMENDS THE IDENTIFICATION OF EMINENT PHYSIOLOGISTS

In response to a membership inquiry concerning the feasibility of videotaping prominent senior physiologists before their demise, the APS Council directed the leadership of the History of Physiology Group to study the issue, determine the potential costs, and to recommend courses of action for the Society to consider.

We were pleased to receive and to undertake this assignment and initiated a fact finding process that involved discussions with organizations (Society of Neurosciences, The Commission on Nephrology), institutions (University of California at Davis), publishers (Academic Press) and recording studios (University of New Mexico, University of Arizona, University of California, Mayo Clinic). Depending on the duration of the recording and the extent of narration and editing, we found that it would cost between \$1000 to \$1500 per individual to produce a tape suitable for distribution purposes.

The leadership felt that a more appropriate title for the project (Videotaping for Senior Members, Senior Physiologists, A living legacy) would be The Eminent Physiologist Project that would involve APS members who are 70 years or older. While the council will define the criteria, we recommend research contributions, being a recipient of a Nobel Prize, elected membership to prestigious societies (National Academy of Sciences, Institute of Medicine), and demonstrated leadership accomplishments (APS President) be considered when finalizing the process. In 2004 we recommend that 15 individuals be identified as Eminent Physiologists with two individuals per year in succeeding years.

Finally, we recommend that Council consider coupling the video with a biographical component so that the Society would have a publishable archival record that consisted of a text and a video recording of its most distinguished members.

Please email comments/suggestions to Tipton@email.arizona.edu, or to sschneid@unm.edu.

2005 IUPS SOCIETY MEETING PLANS

The program committee is proposing for the IUPS meeting in 2005 in San Diego a featured topic tentatively entitled, "Mosso and Muscular Fatigue: 116 years later". The later refers to the fact that Mosso gave a lecture and demonstration with his ergometer on muscular fatigue at the 1889 IUPS meeting

THE HISTORY OF PHYSIOLOGY NEW BOOK CORNER

Claude A. Piantadosi, *The Biology of Human Survival – Life and Death in Extreme Environments*. Oxford University Press, 2003, ISBN: 0-19-516501-2

A book recently reviewed by Barry Allen of Duke University Medical Center in the *Physiologist* (Vol. 47, No. 1, 2004, pg 38) contains solid scholarship while combining adventure, history, and physiology. Discussed are man's ability of adaptation or non-

adaptation to environmental extremes that include starvation, heat, cold, altitude, hyperbaria, spaceflight, and weapons of mass destruction.

KNOW AND CONTACT YOUR LEADERS IN THE HISTORY OF PHYSIOLOGY GROUP

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