



## THE HISTORY OF PHYSIOLOGY GROUP NEWSLETTER

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

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Drs. John West and Charles Tipton have arranged another fine program for the History of Physiology Group in New Orleans. The first event will be a business meeting that will be preceded by a buffet luncheon starting at noon on Sunday April 21, 2002. The luncheon and meeting will be held in a room near the APS office, located within the Hilton New Orleans Riverside Hotel.

Following the luncheon the business meeting will begin. Agenda items for the business meeting include program suggestions for future Experimental Biology meetings and the nominations for Chairs of the History of Physiology Group and for our representative to the Joint Program Committee. Presently, I am serving my last year as Chair of the History Group and Charles Tipton is serving as a temporary replacement to the program committee because of John West's resignation. Nominations are being solicited for these positions and they should be forwarded to me at my address at the end of this Newsletter. It has been an honor and a privilege to serve you as Chair of the Interest in History of Physiology group for the past three years.

Most of you have been to New Orleans before and know that it has attractions for everyone. For members looking for elegance and posh, fine hotels, restaurants, Jazz groups and sight seeing tours are plentiful. For members wishing a quieter time, the beautiful Garden District for walks, the old fashioned electric trolley running through the Garden District, and the no-charge ferry across the Mississippi are great attractions. The fine History of Medicine Library at Tulane, within walking distance of the meetings, offers an opportunity for many quiet hours in a cordial atmosphere among some of the world's finest old history texts. I personally am looking forward to a most enjoyable and educationally rewarding History Group Meeting and hope to see you all there to greet each of you. With best wishes,

Henry Brown  
Chair, History of Physiology Interest Group

## THE BUSINESS MEETING OF THE HISTORY OF PHYSIOLOGY GROUP

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As indicated by Chairman Brown, the Business meeting will be on Sunday, April 21, starting at noon in a room that will be on the same floor as the APS office in the Hilton Hotel. (When assigned, it will be sent to all members via the APS Listserv for the History of Physiology Group.) The APS has graciously agreed to provide a buffet luncheon for all those who attend the business meeting. However, for planning purposes, those who will attend should notify Charles Tipton (via e-mail or fax) of their intent on or before Wednesday, April 17<sup>th</sup>. The business meeting will be conducted by Henry Brown and one item for

discussion will be ideas for future programs. We will also discuss nominations for future chairs.

Following the business meeting, Dr. Martin J. Kushmerick, M.D., Ph.D., Professor of Radiology and of Physiology and Biophysics at the University of Washington, in Seattle will speak (about 35 minutes) on “Gastric acid secretion and chemomechanics in muscle: common features in the legacy of R.E. Davis.”

## THE FEATURED TOPIC SPONSORED BY THE HISTORY OF PHYSIOLOGY GROUP

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The featured topic is the “History of Gastric Secretion” and it is scheduled in room 207 of the Convention Center on Monday, April 22<sup>nd</sup>, starting at 10:30 A.M. and closing at 12:30. P.M. The speaker will be George Sachs, M.B., Ch.B., D.Sc., Director of the Membrane Biology Laboratory, Center for Ulcer Research, and V.A. Wadsworth Hospital in Los Angeles. Dr. Sachs will speak and hold a question and answer session that will end at 11:45 A.M.

Starting at 11:45 A.M. will be a free communication session of selected papers on the History of Gastric Secretion that will be chaired by Dr. Sachs.

- a. 11:45 – 12:00 will be Mortimer Lorber from Department of Physiology and Biophysics at Georgetown University who will present a paper entitled “The cephalic phase of gastric secreto-motor activity - a reinterpretation of traditional views.”
- b. 12:00 – 12:15 will be John G. Forte from the Department of Molecular and Cell Biology at the University of California-Berkeley who will present a paper entitled “How the gastric HCL pump was found.”
- c. 12:15-12:30 will be Henry Brown from the Division of Plastic Surgery at Harvard University who will present a paper entitled “ Digestion end products in Schoenheimer’s concept of the dynamic state of bodily constituents.”

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

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The program committee is pleased to announce that 10 posters will be on display during Monday, April 21 at the Convention Center. This is the highest number the group has had on display for more than a decade. In addition to those presented at the Business meeting and during the Featured Topic session, we can examine and hear presentations on:

- a. "Benign neglect: George Delrue and the isolated frog stomach" by Patangi Kumar Rangachari, from the Department of Medicine at McMaster University.
- b. "From gastric acid secretion to biological energetics: The contributions of R.E. Davis" by John G. Forte, Department of Molecular and Cellular Biology from the University of California at Berkeley.
- c. "Reiset's experimental revelation of denitrification: Closure of the nitrogen cycle" by William J. Payne et. al., from the Department of Microbiology at the University of Georgia.
- d. "Jules Reiset (1818-1896) – A nineteenth century space age respiration physiologist and chemist" by William P. Flatt et. al., from the Department of Foods and Nutrition at the University of Georgia.
- e. "Ohio's high altitude physiology labs study explosive decompression at > 30,000 feet in World War II" by Jay B. Dean from the Department of Physiology and Biophysics at Wright State University.
- f. "The discovery of the third neurotransmitter, serotonin" by G. Edgar Folk, Jr. from the Department of Physiology and Biophysics at the University of Iowa.

## CALL FOR PROGRAM SUGGESTIONS FOR EXPERIMENTAL BIOLOGY 2003 AND THEREAFTER

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It is time to plan for future programs by the History of Physiology Group and our options are to sponsor a two hour symposium with three or possibly four speakers (\$4,000 limit) or to have a featured topic presentation or lecture with no more than two speakers (\$1,000 limit). As in 2002, it is possible to couple the featured topic with selected free communications on the chosen subject. These suggestions should be faxed or e-mailed (see last page) to Charles M. Tipton at the University of Arizona who is our representative to the Joint Program Committee.

## TIPTON IS A CANDIDATE FOR COUNCIL

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Charles M. Tipton from the Department of Physiology at the University of Arizona is one of five current candidates for the office of Councillor. During this past decade he has served as Secretary-Treasurer of the History of Physiology Group and as the History of Physiology Group Representative to the Joint Program Committee. Along with West and Gilbert, he wrote the text for the APS "play" to honor the first 100 years of AJP achievements. If selected, Tipton will renew his efforts for APS to sponsor a History of Physiology Lecture that provides a budget that will enable the Group to select an authority from any location in the world.

KNOW AND CONTACT YOUR LEADERS IN THE HISTORY OF PHYSIOLOGY  
GROUP

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