MESSAGE FROM THE ACTING CHAIR, Dr. Charles M. Tipton

New Year greetings from the History of Physiology Group! As we look forward to the coming year, we encourage anyone with an underlying interest in the history of physiology to send us your suggestions or volunteer for future activities. Our annual Business Meeting will be held on Tues, April 22, from 12:30 until 2 p.m. in the Pacific Grand Ballroom D of the Renaissance Boston Waterfront Hotel; a buffet lunch will be served. First, pick up your lunch at the nearby APS office (Warner Center) before going to the meeting room. At approximately 12:30 p.m., the Business Meeting will begin. One issue we must resolve will be to finalize our program and speakers for the history symposium and business meeting for next year (2014). Please attend this business meeting and bring your students as well. After the business meeting, Dr. Rex Jamison, Emeritus Professor from Stanford University, will present an informative and interesting lecture/discussion pertaining to the history of renal physiology.

We encourage members to invite non-HPG members and students to attend this luncheon meeting and History Lecture. We ask that members who plan to attend RSVP via e-mail me (tipton@email.arizona.edu) on or before April 1, so I can notify APS (who generously provides the food) of the number who will be in attendance. If you can’t attend the luncheon, plan on joining us at 1:00 p.m. for Dr. Jamison’s talk.

REX JAMISON TO PRESENT THE HISTORY OF PHYSIOLOGY LECTURE

For 2013, our annual luncheon lecture will be presented by Dr. Rex Jamison, Emeritus Professor, Stanford University School of Medicine. The title of his lecture will be “Resolving an 80 year old Controversy that Began the Modern Era of Renal Physiology.” His talk will relate to a paper (Wearn JT and Richards AN. Observations on the composition of glomerular urine, with particular reference to the problem of resorption in the renal tubule. *Am J Physiol* 71:209-227, 1924) presented as a classic article within the APS 125th Anniversary Symposium held last year at EB. Please join us for what promises to be an illuminating and entertaining talk.
The title of this year’s HPG-sponsored symposium is “William Beaumont, America’s First Physiologist and Pioneer of Gastrointestinal Research.” We are fortunate to have as speakers Drs. Jay Dean from the University of South Florida, Richard Rogers from Pennington Biomedical Research Center and Pat Lambert from Creighton University. The symposium will be held on Wednesday, 24 April, from 10:30 to 12:30 p.m. in room 205C of the Boston Convention and Exhibition Center and will be co-chaired by Drs. Jay Dean and Kathy Ryan.

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<tr>
<th>Presentation Time</th>
<th>Title</th>
<th>Presenter</th>
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<tr>
<td>10:30 AM</td>
<td>The gunshot heard ‘round the world! William Beaumont, the inquisitive doctor, and Alexis St. Martin, his reluctant patient</td>
<td>Jay B. Dean</td>
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<td>11:00 AM</td>
<td>William Beaumont and the scientific basis for the brain-gut axis</td>
<td>Richard Rogers</td>
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<td>12:00 PM</td>
<td>Questions and discussion</td>
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EB2012: MINUTES OF APS HISTORY OF PHYSIOLOGY GROUP MEETING (to be voted on by the HPG at EB2013)

On 12:24 p.m. on 23 April 2012, the HPG held its annual Business Meeting at the Marriott Marquis and Marina Hotel in San Diego, CA. Approximately 25 individuals attended the business meeting. Following lunch, Dr. Charles Tipton (acting Chair of the Group in the absence of Dr. Suzanne Schneider) called the meeting to order. Members of the executive committee were then introduced. Other individuals present then introduced themselves. The minutes of the 2011 meeting were approved as written.

Dr. Tipton noted that the history symposium was to be held on Wednesday, April 25th and urged those present to attend. The symposium is to honor the 125th anniversary of the Society (APS).

Dr. Jay Dean reported the results of the Joint Program Committee (JPC) Meeting and indicated there would be no more “clustering” of sectional programs at future EB meetings. He requested that recommendations for next year’s HPG symposium be forwarded to him before the 18th of June which is the date of the next JPC meeting. One suggestion was that a symposium be scheduled to honor Steven Horvath. Another was that other sections be contacted to ascertain their interests in presenting a program that was of special interest to their section.  

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Dr. Kathy Ryan reported that Marsha Matyas, the Director of the APS Education Office, had recently contacted her concerning HPG’s interest in placing historical articles into the APS archive so that they would be available for access by physiology teachers. As Dr. Schneider has agreed to Chair this project, there was general consensus that this was a worthwhile endeavour and that the HPG should support her and move forward on the project.

Dr. Tipton reported that, despite his best efforts, APS Council is still not enthusiastic about the possibility of having a History of Physiology lecture on the EB program each year. However, he plans to have one last try and requested those in attendance to forward letters and emails to the Council in support of the concept. He also asked for suggestions for next year’s luncheon speaker.

At 12:40, approximately 50-60 individuals joined the HPG members to hear Dr. Jerome Dempsey of the University of Wisconsin School of Medicine and Public Health deliver a lecture entitled “Danish Contributions to Respiratory Physiology: Krogh vs Haldane and the Three Musketeers.” It was a standing room only crowd to hear this fascinating lecture, followed by a spirited collegial discussion. The crowd appeared because this year the lecture was listed as a part of the official EB program. At the end of the discussion, Dr. Tipton reaffirmed that the tremendous turnout demonstrated the need for a History of Physiology lecture as a regular part of the EB program.

The meeting was adjourned at 1:47 p.m.

**CALL FOR SUGGESTIONS FOR THE EB2014 PROGRAM**

It is time to select the symposium or featured topics programs for the Experimental Biology 2014 meeting. Anyone interested in putting together a symposium or Featured Topic should contact a member of the History Group program committee (see end of this newsletter for contact information) before the Joint Program Committee meeting on 20 Apr 2012. We are also soliciting suggestions for luncheon speakers for next year and beyond. We would like to see some new faces for all of the presentations.

**HISTORY OF PHYSIOLOGY PUBLICATIONS...**

There were two historical articles published in the latest *Advances in Physiology Education*. The first, by K. Patwardhan, was entitled “The history of the discovery of blood circulation: Unrecognized contributions of Ayurveda masters” and argues that the Ayurveda masters of India understood the basic concepts of the cardiovascular system by at least 400 BC, well before the time of William Harvey. In the second work, entitled “John Greenleaf’s life of science,” Donald Watenpaugh describes the life and work of this eminent environmental physiologist and the principles by which he led his research group. Needless to say to those of you who know Dr. Greenleaf, it is fascinating! If you have an interest in physiological history, the HPG leadership urges you to consider developing this into a manuscript for submission to *Advances in Physiology Education*.

The symposium for EB 2013 was sparked by the recent publication of a book entitled *Open Wound: The Tragic Obsession of Dr. William Beaumont*, by Jason Karlawish. Dr. Karlawish is a
Professor of Medicine, Medical Ethics and Health Policy at the University of Pennsylvania. *Open Wound* is a fictional account of the interactions between William Beaumont and Alexis St. Martin. Mr. St. Martin was shot in the abdomen in 1822 and Dr. Beaumont served as his physician. As the wound healed, a gastric fistula was formed, allowing Dr. Beaumont to study the action of digestive juices. The author examines the interactions between physician and patient over the subsequent years. Although the prose is stilted (this is Dr. Karlawish’s first novel), the author retells the very interesting story of the mutually dependent relationship between these two men, while raising a number of issues of both medical and research ethics; these ethical issues were not recognized at the time but have become evident as our thinking about research ethics has evolved. Despite the stylistic issues, this was a very interesting and thought-provoking book and is well worth a read by physiologists.

**...AND THE LIVING HISTORY OF PHYSIOLOGY PROJECT**

APS has established the Living History of Physiology Project as a means to capture interviews with senior physiologists in video format. The project has truly blossomed in the past year, with 12 videos of eminent physiologists added since the last writing of this newsletter! There are currently 42 videos of eminent physiologists available on the web site (http://www.the-aps.org/livinghistory). HPG members are urged to consider interviewing senior physiologists at their institutions so that we might continue to grow this valuable resource for future generations.
KNOW AND CONTACT YOUR LEADERS IN THE HISTORY OF PHYSIOLOGY GROUP

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Jay Dean, Ph.D.
Kathy Ryan, Ph.D.
Suzanne Schneider, Ph.D.

ANSWERS TO “WHO ARE THESE MEN?”

L, Dr. William Beaumont, Army surgeon and researcher. R, Alexis St. Martin, French-Canadian trapper, patient and research subject. Come here more about their fascinating relationship at the HPG symposium!