A fund has been established by the Society’s Respiration Section to support a Trainee Highlights Session, along with several travel awards, to be presented at the Society’s annual Experimental Biology meeting. The Session will be programmed and chaired by members of the Section’s Trainee Subcommittee.

The APS has agreed to match up to $25,000 in contributed funds. The goal is to raise an endowment totaling $50,000, which will be composed of $25,000 raised through individual contributions and the matching contribution of $25,000 from the Society.

Donations are being accepted at the following website: https://www.the-aps.org/ebuspprod/OneClickDonation/tabid/229/Default.aspx?ProductId=973
Sunday, April 10th
10:30 a.m.-12:30 p.m., Respiratory Control Disorders, Convention Center, Room 145A
3:15 p.m.-5:15 p.m., Peripheral:Central Chemoreceptor Interactions, Convention Center Room 147B

Monday, April 11th
8:00 a.m.-10:00 a.m., Mesenchymal and Endothelial Progenitor Stem Cells: Novel Treatment Strategies for Lung Injury, Convention Center Room 146B
10:30 a.m.-12:30 p.m., Sphingolipids in Lung Disease, Convention Center Ballroom B
3:15 p.m.-5:15 p.m., Pathobiology of Oxygen Exposure During Development: Bedside to Bench and Back to Bedside, Convention Center Room 147A

Tuesday, April 12th
8:00 a.m.-10:00 a.m., Multiscale Neuronal Control of Respiratory Function: Bridging Gene Networks to Neural Networks, Convention Center Room 146B
10:30 a.m.-12:30 p.m., Julius H. Comroe, Jr. Distinguished Lectureship of the APS Respiration Section, Convention Center Room 146A
3:15 p.m.-5:15 p.m., Molecular Diversity in the Regulation of Lung Tight Junctions, Convention Center Room 145A

Wednesday, April 13th
8:00 a.m.-10:00 a.m., Pulmonary Vascular Permeability: Emerging Paradigms, Convention Center Room 145B
10:30 a.m.-12:30 p.m., Neural-glial Interactions in Central Respiratory Control and Spinal Plasticity, Convention Center Room 146C
10:30 a.m.-12:30 p.m., Lung Physiology: TRP Channels in Lung Function and Disease, Convention Center Room 155

Julius H. Comroe Lecturer: Dr. Jahar Bhattacharya

Jahar Bhattacharya, MD, DPhil, is Professor of Medicine at Columbia University and a member of the College of Physicians and Surgeons. He began his medical career as a cardiology resident in New Delhi in 1968 and began graduate work at Oxford University as a Rhodes Scholar in 1970. In 1976, he became a postdoctoral fellow at Stanford University, after which he briefly joined the faculty at UCSF and then Columbia University, where he has been since 1985. That same year he was awarded a NIH Research Career Development Award, which began an uninterrupted history of NIH funding, including a NIH MERIT Award in 1998.

Dr. Bhattacharya’s research interests include regulation of lung microvascular barrier properties in inflammation and sepsis, second messenger signaling in lung endothelial cells in situ, cell-cell communication in lung inflammation and sepsis, regulation of alveolar surfactant secretion, and formation and clearance of alveolar wall liquid. Dr. Bhattacharya directs The Lung Biology Laboratory at Columbia University, which specializes in single and 2-photon laser scanning microscopy of the intact lung. His research uses real-time imaging to understand molecular mechanisms underlying lung injury. Ongoing projects are investigating the mitochondrial regulation of inflammatory exocytosis, 3-D alveolar geometry during lung inflation, the role of focal adhesion proteins in endothelial barrier enhancement, and the role of second messengers in alveolar-capillary crosstalk.
2nd Annual Trainee Highlights Breakfast  
Sunday, April 10, 2011  
7:30-9:00 a.m.  
Grand Hyatt Washington, Room Independence BCD

Please join us for the Trainee Highlights session. This event was very successful and well received last year, so we are doing it again! Beginning at 7:30 a.m., graduate student and postdoctoral trainees can enjoy breakfast with the opportunity to meet and interact with established investigators in respiratory physiology. At 8:00 a.m., a showcase of the work of several of our Section’s trainee scientists, including our Research Recognition Awardees, will be presented in a less formal setting. We hope to see you there!

Sincerely,  
Melissa Bates, Erica Dale-Nagle, Inefeta Reid, Jessica Snow  
Respiration Section Trainee Subcommittee Members

Respiration Section Banquet & Awards Ceremony  
Monday, April 11, 2011  
6:30-10:00 p.m.  
Washington Plaza Hotel

Please join us for the Respiration Section Banquet, which will take place in the Washington Plaza Hotel (http://www.washingtonplazahotel.com/) located at 10 Thomas Circle, N.W. (0.5 miles from the convention center).

The banquet promises to be an outstanding evening featuring great food, the opportunity to socialize with your colleagues, and an outstanding program!

The evening will begin with a reception featuring hot and cold appetizers, followed by a delicious buffet dinner of Caesar salad, tomato and fresh mozzarella salad, grilled NY strip steak with mushroom bordelaise, pan-seared Atlantic salmon with lemon dill sauce, herb roasted potatoes, the chef’s choice of seasonal vegetables, and tiramisu and lemon raspberry torte for dessert. The after-dinner speaker will be Pulitzer Prize-winning science journalist and author Deborah Blum, Professor of Journalism at the University of Wisconsin-Madison. Professor Blum’s latest book, The Poisoner’s Handbook: Murder and the Birth of Forensic Medicine in Jazz Age New York (Penguin Press HC), was published in February 2010. This is sure to be an entertaining and fascinating talk of general interest to our members and their guests!

We look forward to seeing you in Washington, DC!

Sincerely,  
Claudette St. Croix and Larissa Shimoda, Banquet Organizers

Visit the APS Website for a complete listing of APS sponsored scientific sessions at EB2011  
We would like to acknowledge the continued support of The American Physiological Society and generous support of our corporate sponsors who have provided funds to help support our scientific and social programs at EB2011. Feel free to stop by the exhibitors’ booths to thank them in person while you are at the meeting.

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May is Asthma Awareness Month!

Asthma is a common chronic inflammatory disease; reversible airflow obstruction and bronchospasm cause wheezing, chest tightness, and shortness of breath.

A review of studies performed in 17 countries during the 1960s and repeated in the 1990s confirms an international increase in asthma prevalence.

In the US, the annual prevalence of asthma increased from 3.1% in 1980 to 6.4% in 2000.

For more information, visit the CDC website: [http://www.cdc.gov/Features/AsthmaAwareness/](http://www.cdc.gov/Features/AsthmaAwareness/)

**MAKE YOUR TAX-DEDUCTIBLE DONATION TO THE RESPIRATION SECTION TODAY!**

Please consider making a donation to the Respiration Section to support Section activities including the banquet and student travel awards. Your support is needed and would be much appreciated. Donations to the Respiration Section Funds can be made online at: [https://www.the-aps.org/ebuspprod/OneClickDonation/tabid/229/Default.aspx?ProductId=97](https://www.the-aps.org/ebuspprod/OneClickDonation/tabid/229/Default.aspx?ProductId=97)