



## Science Teacher Fellows Selected in Partnership with Physiologists To Experience Research and Focus on Student-Centered Learning

March 17, 2009, Bethesda, MD - The American Physiological Society (APS) is pleased to announce the national recipients of the 2009 Frontiers in Physiology Professional Development Fellowship. The science teacher fellows participate in the year-long fellowship guided by the APS' framework of Six Star Science principles that support excellence in education: student-centered instruction, diversity/equity, technology, assessment, current scientific content, and reflecting on teaching and learning.

From April 2009 to April 2010, the middle and high school science teacher fellows examine their current teaching methods and learning environments, and deepen their understanding of standards by applying Six Star Science principles to existing classroom materials. During the summer of 2009, teacher fellows partner with a local APS member scientist, their Research Host, immersing themselves in the world of cutting-edge biomedical research for 7-8 weeks. Fellows also participate in a week-long professional development workshop, the Science Teaching Forum in July. The fellowship concludes with a trip to a scientific conference, Experimental Biology, in Anaheim, CA in April 2010.

Frontiers in Physiology ([www.frontiersinphys.org](http://www.frontiersinphys.org)) is sponsored by the APS ([www.the-aps.org](http://www.the-aps.org)), a Science Education Partnership Award ([www.ncrrsepa.org](http://www.ncrrsepa.org)) from the National Center for Research Resources (NCRR), and the National Institute of Diabetes and Digestive and Kidney Diseases (NIDDK) at the National Institutes of Health.

*Congratulations to the 2009 Frontiers in Physiology Teacher/Research Host teams, listed alphabetically by the teacher's last name:*

**Suzanne Banas, Ph.D.**, South Miami Middle Community School, Miami, FL  
**Nikolaos Tsoukias, Ph.D.**, Florida International University, Miami, FL

**Audra Brown Ward**, Marist School, Atlanta, GA  
**My N. Helms, Ph.D.**, Emory University, Atlanta, GA

**Charlene Byrd**, John Q. Adams Middle School, Metairie, LA  
**L. Gabriel Navar, Ph.D.**, Tulane University School of Medicine, New Orleans, LA

**Diana Cost**, Weymouth High School, Weymouth, MA  
**Raouf A. Khalil, M.D., Ph.D.**, Brigham & Women's Hospital, Boston, MA

**Paula Donham**, Olathe East High School, Olathe, KS  
**Norberto C. Gonzalez, M.D.**, University of Kansas Medical Center, Kansas City, KS

**Denice Gamper**, Bard High School Early College, New York, NY  
**Samuel C. Silverstein, M.D.**, Columbia University College of Physicians & Surgeons, NY

**Donna Gros**, John Q. Adams Middle School, Metairie, LA  
**L. Gabriel Navar, Ph.D.**, Tulane University School of Medicine, New Orleans, LA

**Caroline Guthrie**, Githens Middle School, Durham, NC  
**Kristi Williams, Ph.D.** and **Jo Rae Wright, Ph.D.**, Duke University, Durham, NC

**Thomas Haren**, Canton City Schools Digital Academy, Canton, OH  
**Jacqueline Novak, Ph.D.**, Walsh University, North Canton, OH

**Debra Hasan**, Cousins Middle School, Covington, GA  
**Otto Froehlich, Ph.D.**, Emory University School of Medicine, Atlanta, GA

**Anne Joy**, Clara Driscoll Middle School, San Antonio, TX  
**Merry L. Lindsey, Ph.D.**, University of Texas Health Science Center at San Antonio, TX

**Todd McDonald**, St. Charles West High School, St. Charles, MO  
**Jonathan S. Fisher, Ph.D.**, Saint Louis University, St. Louis, MO

**Jennifer Mills**, John Q. Adams Middle School, Metairie, LA  
**Patricia Molina, M.D., Ph.D.** and **Lauri Byerly, Ph.D.**  
Louisiana State University Health Sciences Center, New Orleans, LA

**Tricia Radojcic, Ph.D.**, Bella Vista Middle School, Murietta, CA  
**Theodore Garland, Ph.D.**, University of California, Riverside, CA

**Celia Reidler**, Northwest High School, Germantown, MD  
**Jairaj K. Acharya, Ph.D.**, National Cancer Institute, Frederick, MD

**Rona Robinson-Hill**, McKinley Classical Leadership Academy, St. Louis, MO  
**Jonathan S. Fisher, Ph.D.**, Saint Louis University, St. Louis, MO

**Andrea Tracy**, Canyon Hills Middle School, El Paso, TX  
**Kristin L. Gosselink, Ph.D.**, University of Texas at El Paso, TX

**Maria Vibandor**, L.W. Higgins High School, Marrero, LA  
**Patricia Molina, M.D., Ph.D.** and **Lauri Byerly, Ph.D.**  
Louisiana State University Health Sciences Center, New Orleans, LA

**Deborah Wallace**, Pilgrim Park Middle School, Elm Grove, WI  
**John D. Imig, Ph.D.**, Medical College of Wisconsin, Milwaukee, WI

**Carol Wheeler**, Red River High School, Grand Forks, ND  
**Cindy M. Anderson, Ph.D.** and **Joseph Benoit, Ph.D.**  
University of North Dakota, Grand Forks, ND

**Program Contact:**

Mel Limson, Ph.D., APS K-12 Education Programs Coordinator: [mlimson@the-aps.org](mailto:mlimson@the-aps.org)