

# Vision, Change and the Case Studies Approach

A Pre-Conference Workshop- July 25, 2011

*“For more than twenty years, the National Science Foundation, the American Association for the Advancement of Science, the National Academy of Sciences, the Howard Hughes Medical Institute, and many other organizations have issued calls for change in the way we educate our students in science. The time has come...to heed those calls and make a commitment to real action.”*

– James P. Collins, Former Assistant Director, Biological Sciences Directorate, NSF

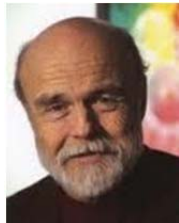
**Please join us** for an inaugural workshop to discuss education issues in animal behavior and to develop specific recommendations for ABS education initiatives.

9AM- 4:30PM Monday, July 25, 2011

## Featured Speakers



**Dr. Jay Labov**, Senior Advisor for Education and Communications at the National Academy of Sciences (NAS) and the National Research Council (NRC) will open the workshop with a discussion of the changing landscape of science education, including national initiatives such as the AAAS/NSF sponsored “Vision & Change in Undergraduate Biology.” Dr. Labov has 18 years of experience as a Professor of Animal Behavior at Colby College prior to moving to NAS, and will lead a discussion of the role of Animal Behavior in these movements. Breakout sessions following Dr. Labov’s talk will provide time to discuss issues and develop recommendations.



**Dr. Kipp Herreid** (SUNY Buffalo), Director and founder of the National Center for Case Study Teaching in Science (NCCSTS) will introduce participants to the Case Study Method, an effective and innovative teaching technique that draw upon the power of stories and problem-solving approaches. He will also introduce participants to the resources of the NCCSTS (<http://sciencecases.lib.buffalo.edu/>).

## In this workshop, participants will:

1. Learn about national initiatives and movements in science education, particularly in biology at the undergraduate level.
2. Discuss the future of animal behavior education and produce specific recommendations for moving animal behavior education forward (i.e. identify needs for supporting the teaching of animal behavior; suggestions for future education workshop topics.)
3. Build a community of animal behavior educators and begin building a collection of resources (i.e. recruit a working group to continue discussion and development of teaching resources.)
4. Learn an effective teaching technique and facilitate production of new case studies for the Case Study website.

**\* Registration required** (\$30 regular registration fee; \$15 for postdocs and graduate students). A limited number of travel awards are available for graduate students and postdocs. Travel awards for underrepresented minority graduate students are sponsored by the ABS Diversity Committee. Travel awards for other graduate students and postdocs are sponsored by the ABS Education Committee (funded by NSF). Please refer to registration website for details. Deadline: April 29,2011.

## Workshop organizers:

Penny Bernstein

Michelle Solensky

Cynthia Wei (Questions? Contact: CynthiaAWei @ gmail.com)

