

2010-2011 Biology Colloquium

May 6:

Honors Poster Presentations

April 15 Biology Class of 1960 Lecture:

Andy Bass, Cornell University, "*Getting ready to talk: Evo-Devo of novel pattern generators*"
www.nbb.cornell.edu/basslab/home/home.html

April 6:

Paul Greenberg, **7:30 pm in Paresky Auditorium**

Paul Greenberg is the author of the New York Times bestseller [Four Fish: The Future of the Last Wild Food](#) (Penguin Press, 2010) and a regular contributor to The New York Times Magazine, Book Review, and Opinion Page.

March 11:

Greg Ball, Ph.D., Johns Hopkins University, "Adult Neuroplasticity: Lessons from the Birds"
Seasonally breeding songbirds exhibit dramatic changes in brain and behavior. Photoperiod and other environmental cues regulate variation in gene expression in the hypothalamus responsible from seasonal changes in gonadal steroid hormone secretion. These changes in turn mediate marked changes in brain organization and function of areas controlling birdsong. This seasonal brain re-modeling involves the recapitulation of developmental events including the incorporation of new neurons into the song circuit. Recent studies have revealed distinct patterns of seasonal gene expression in the song nuclei as compared to seasonally changing hypothalamic regions.

<http://pbs.jhu.edu/research/Ball/index.html>

March 4 (co-sponsored with BIMO):

Phil Zamore, Ph.D., UMass Medical School, "*What Fruit Flies Teach Us About RNA Silencing*"
<http://www.umassmed.edu/bmp/faculty/zamore.cfm?start=0&>

March 3, Faculty Lecture Series at 4pm in Wege Auditorium:

Claire Ting, Biology Department, "Minimal Genomes, Maximal Productivity: Microbial Strategies for Dominating in the High Seas"

<http://biology.williams.edu/faculty-staff/cting/>

February 25:

Gerry Borgia, Ph.D., UMD, "Exploring the Unique Courtship Behaviors of Bowerbirds: The Design of Bower Decoration Displays."

<http://www.life.umd.edu/biology/borgialab/>

February 11:

Heather Mattila, Ph.D., Wellsley College, "*How Do Promiscuous Honey Bee Queens Generate Productive Colonies?*"

<http://www.news.cornell.edu/stories/July07/beesPromiscuity.sl.html>

December 3:

Jacques Dumais, Ph.D., Harvard University, *"Nature's Catapults: Their Evolution and Mode of Action in Plants and Fungi"*

www.oeb.harvard.edu/faculty/dumais/dumais_home.html

November 19 (co-sponsored with BIMO) in WEGE Auditorium:

Doron Greenbaum, Ph.D., University of Pennsylvania, *"A Chemical Biology Approach to Understand Host-Parasite Interactions"*

<http://www.med.upenn.edu/pharm/faculty/greenbaum/greenbaum.html>

November 12:

[Alumni Perspectives from Division III](#), Griffin 3

1:15-2:15: *"Being a Science Student at Williams College"*

2:30-3:30: *"Careers in Sciences: Interdisciplinary Possibilities"*

3:30-4:30: Facilitated Small Group Discussions

November 11 & 12:

Sigma Xi Lectures by Professor Marlene Sandstrom @ 4:15 in Wege Auditorium

"They Like Me, They Like Me Not: Peer Relations in Childhood."

Part I: *"Out Goes Y-O-U: Causes, Consequences of Peer Rejection"*

Part II: *"The View from Inside: How Children Process Social Rejection"*

November 5:

Amy Gladfelter, Ph.D., Dartmouth College, *"Nuclear anarchy and cortical order in a filamentous fungus"* Join us for a catered lunch with Dr. Gladfelter and Kyle Cady, a graduate student studying biofilms. Dr. Gladfelter's research focus is on cell cycles.

<http://www.dartmouth.edu/~gladfelterlab/>

October 29:

Biology Department and BIMO Alumni Reunion with panel discussions on graduate school and research careers by presenters Renee Kontnik '05, Dan Runcie '05, and Meghan Ramsey '08 at 2:00 pm in TBL 112 followed by poster presentations at 3:00 pm in the Thompson Biology Lobby.

October 21 (Thursday @ 4:00 PM):

Thomas H. Kunz, Ph.D., Boston University, *"Aeroecology – An Emerging Frontier"*

<http://www.bu.edu/cecb/bats/>

October 15:

Thesis Talks by Charlene Thomas, Aimee Weber, Ang Li, Sabrina Reid, Leanne Lin, Jillian Hancock, Alexandra Peruta, Mari Lliguicota, Brian Shepard, Josh Blanco, Ken Sluis, and Helen Cha

October 1:

Thesis Talks by Michael Abrams, Sophia Kim, Leigh Davis, Clint Robins, Jonah Zuflacht, Beryl Manning-Geist, Ariel White, Jamal Jefferson, Hilary Dolstad, and Marijke DeVos