
Biological Sciences

January 30, 2017 AY 16-17 #152

Announcements

Congratulations to our two winners in Friday's Undergraduate Academic Advising Awards ceremony:

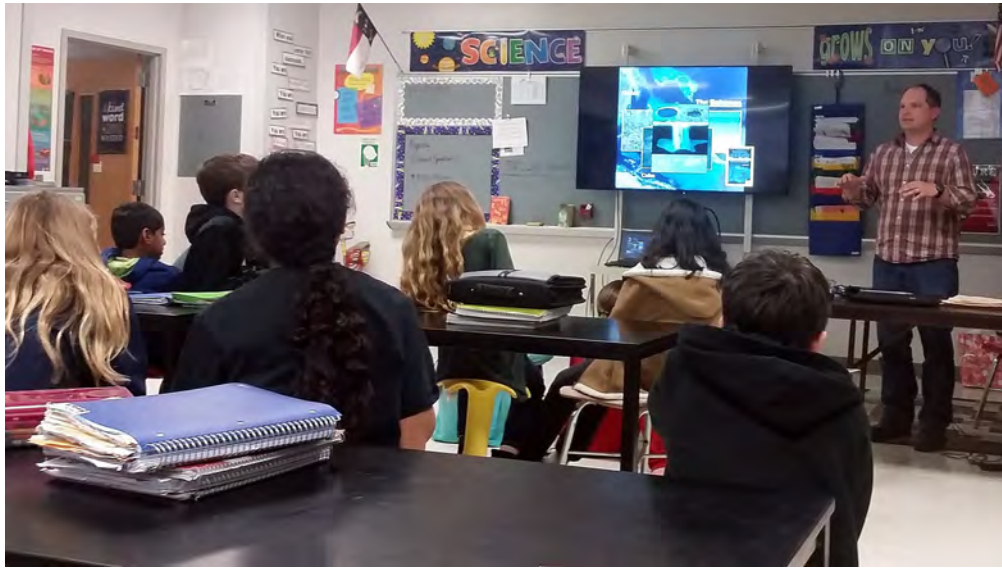
- Dana Thomas, New Advisor Award: The New Advisor award is given in recognition of a primary role advisor who has been employed as an advisor for fewer than three years. The winner will be someone who shows evidence of a strong commitment to promoting student success through developing relationships with students, becoming aware of policies and procedures, referring students to resources for assistance, and commitment to professional development as an advisor. Advising load, personal philosophy of advising, commitment to advocacy for students, and evidence of student success and learning will be considered for this award.
- Suzy Lamb, Barbara Soloman Award: The Barbara Soloman Advising award is given in recognition of dedicated service to students from a primary role advisor (academic advising

should make up 50% or more of the individual's job duties). The winner of this award will be a professional advisor who contributes to student success by going the extra mile to provide involved, holistic and developmentally sensitive guidance. Advising load, personal philosophy of advising, commitment to advocacy for students, and evidence of student success and learning will be considered for this award.



Last month Dr. Brian Langerhans, along with Ph.D. student in Science Education, Katie Green, visited all 4 of Melissa Dempsey's 7th grade science classes at Lufkin Road Middle School in Apex. They taught a lesson on Natural Selection and Evolution, providing the introduction to the course

section on Genetics. Of course, they used Bahamas mosquitofish in blue holes as a gateway into understanding adaptation... and the kids loved it!



Mary Schweitzer and her postdoc Elena Schroeter have proven that collagen can last up to **80** million years. This conclusive research will pave the way for an untold number of future discoveries because as Mary says "We won't know the limits because for so many years we had been told this was impossible." Read the full article from *The News and Observer* below.

<http://www.newsobserver.com/news/local/counties/wake-county/article128931979.html>

The new, soon-to-be-launched Department of Biological Sciences website will feature a student on it's undergraduate page. We're looking for all sort of successful undergrads - those who work hard, engage in academics and community, do research, show leadership...

Please nominate **an undergraduate in our department** for this feature by filling out the form at <https://goo.gl/forms/nBgPtKrruJIAu0Er2>.

Thank you in advance for honoring our successful students and making our website engaging!

Save-the-Date



ECOLOGY & EVOLUTION
2017 SPRING SEMINAR SERIES

Bird Life, Elevated

Dr. Christopher Witt
Associate Professor of Biology
and Curator of Birds
University of New Mexico

February 2
3:30pm | 101 David Clark Labs

SPONSORED BY:
Department of Applied Ecology
Department of Biological Sciences
Southeast Climate Science Center
Global Environmental Change Cluster

The Campus Writing & Speaking Program's Brown Bag Lunch Series Presents:

Images for Text, Text for Images



Dr. Jennifer Landin
Assistant Professor of
Biological Sciences

Wednesday, Feb. 8
12-1 p.m., Withers 331

*First 6 participants to register
receive a free lunch:*



Register here: <http://go.ncsu.edu/okb2jw>

Follow us on Twitter! @ncsu_cwsp

Triangle Chapter
Society for Neuroscience

Register Now-
www.TriangleSfN.org

3rd Annual Spring Conference

Plan to Participate!

- Network with local neuroscientists
- Present a poster
- Attend "ask a grad student" panel
- Attendance is free!!!**

Featured Speakers-



Dr. David Anderson
California Institute of Technology



Dr. Serena Dudek
National Institute of Environmental Health Sciences



Dr. Leslie Sombers
North Carolina State University



Dr. Michael Nader
Wake Forest University



April 13, 2017

10:00 am - 5:30 pm
Embassy Suites

201 Harrison Oaks Blvd, Cary, NC

**TOXICOLOGY PROGRAM
SPRING 2017 SEMINAR SCHEDULE**

Tuesdays @ 4:00 PM Toxicology Building Room 2104, Centennial Campus

*Co-sponsored by Center for Human Health and the Environment

DATE	SPEAKER <i>Affiliation</i>	TITLE
1/10	Jason Richardson <i>Northeast Ohio Medical University</i>	Gene-environment interactions in neurological disorders
1/17	Russell Thomas <i>EPA</i>	Too many chemicals, so little time
1/24	Darryl Zeldin* <i>NIEHS</i>	Thromboxane (TXA2) Attenuates Th9 Cell Differentiation and Function During Allergic Lung Inflammation
1/31	Christopher Sistrunk <i>Alumni Speaker City of Hope</i>	Hiding in Plain Sight: How Morphologically Normal Breast Tissues Display Biochemically Cancerous Phenotypes in High Risk Women
2/7	Hazel Nichols <i>UNC Gillings School of Global Public Health</i>	Cancer and pregnancy
2/14	John Brock <i>UNC Asheville</i>	Human and Wildlife Exposure to Phthalates: Discovery and Future Directions
2/21	Katherine Franz <i>Duke University</i>	Designing molecules to mine for copper along the host-pathogen interface
2/28	Mark Zylka <i>UNC School of Medicine</i>	Genetic and environmental risks for autism
3/7	No Seminar	SPRING BREAK
3/14	No Seminar	Society of Toxicology Meeting
3/21	Humphrey Hung-Chang Yao* <i>NIEHS</i>	Sex, Arsenic, and Hedgehog: Mouse Models of Fetal Origins of Adult Diseases
3/28	Serena Dudek <i>NIEHS</i>	New insights into regulating synaptic plasticity from an unexpected place: Hippocampal Area CA2
4/4	TBD	
4/11	Antony Williams <i>EPA</i>	The EPA CompTox Chemistry Dashboard – A Data Integration Hub for Environmental Chemists and Toxicologists
4/18	Allison Camp <i>NCSU, PhD Student Advisor: Gerald LeBlanc</i> & Stephanie Eytcheson <i>NCSU, PhD Student Advisor: Gerald LeBlanc</i>	<i>TBD</i> <i>Hemoglobin Levels Modulate Toxicity to Nitrate</i>
4/25	Rick Woychik* <i>NIEHS</i>	Research Strategies for Exploring the Landscape of Environmental Health

Time: 1:30 pm

Location: Stephens Room, 3503 Thomas Hall



January 23
Dr. Steven Benner,
 Foundation for Applied Molecular Evolution
 (Hosted by Dr. Jeff Thorne)



February 6
Dr. Karl Broman
 University of Wisconsin
 (Hosted by the Genetics Graduate Students)



February 20
Dr. Chao-Qiang Lai
 Alumnus Seminar
 USDA, Tufts University
 (Hosted by Dr. Trudy Mackay)



March 13
Dr. Susan McCouch
 Cornell University
 Hosted by the Genetics Graduate Students)



March 27
Dr. Kirk Wilhelmsen
 UNC-Chapel Hill
 (Hosted by Dr. Robert Anholt)



April 10
Dr. Charles Aquadro
 Cornell University
 (Hosted by the Genetics Graduate Students)



April 24
Dr. Craig Montell
 University of California at Santa Barbara
 (Hosted by Dr. Robert Anholt)



January 30
Dr. William Jeffery
 University of Maryland
 (Hosted by the Genetics Graduate Students)



February 13
Dr. Brian Wiegmann
 Charles Darwin Lecture
 NC State University
 (Hosted by the Dr. Trudy Mackay)



February 27
Dr. Eric Gaucher
 Georgia Tech
 (Hosted by Dr. Jeff Thorne)



March 20
Dr. Logan Everett
 NC State University
 (Hosted by Dr. Trudy Mackay)



April 3
Dr. Mariana Wolfner
 Cornell University
 (Hosted by Dr. Robert Anholt)



April 17
Dr. Philip Benfey
 Duke University
 (Hosted by Dr. José Alonso)

W. M. Keck Center for Behavioral Biology

Distinguished Speaker Series

Spring 2017

January 26 John McGann

*Department of Psychology
Rutgers University*

***Beyond Bottom-Up Sensory Processing: Learning and Expectation
Can Shape Sensory Input to the Mouse Brain***

3:30 pm - 101DCL



February 9 Karen Carleton

*Department of Biology
University of Maryland, College Park*

QTL and Gene Regulatory Networks for Seeing Through the Eyes of a Fish

3:30 pm – 3503 Thomas Hall



March 9 Marlene Zuk

*College of Biological Sciences
University of Minnesota*

Rapid Evolution in Silence: Adaptive Signal Loss in the Pacific Field Cricket

3:30 pm – 3503 Thomas Hall



March 16 Jon Kaas

*Vanderbilt Brain Institute
Vanderbilt University*

The Evolution of the Human Brain

3:30 pm – 3503 Thomas Hall

7:30 pm – Daily Planet Café

NC Museum of Natural Sciences



April 24 Craig Montell

*Molecular, Cellular and Developmental Biology
University of California at Santa Barbara*

Decoding the Receptors Controlling Animal Behavior in Drosophila

1:30 pm – 3503 Thomas Hall



Spring 2017 Neuro Events

Neurogroup meets 3rd Thursday Stephens room 3rd floor Thomas Hall 11:30-1:00

Neurojournal club meets once a month in room 139 of David Clark Labs 11:00-12:00

January 19 Neuro-group

March 24 Neurojournal

February 3 Neurojournal

April 13 Triangle Society for Neuroscience

<http://trianglesfn.org/springmeeting/>

February 16 Neuro-group

April 20 Neuro-group

March 3 Neurojournal

April 20 Neuro-group

Brain Awareness Day

March 16

April 21 Neurojournal

Neuro-group 11:30

Dr. Alex Marshall High Point University

Jon Kaas seminar 3:30

May 18 Neuro-group

NCMNS event 6:30

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