

# Biological Sciences

April 17th, 2017 AY 16-17 #163

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## Announcements

Joining the ranks of universities such as Michigan State, University of Florida, Texas A&M, University of Arizona and other peer institutions, NC State now provides bias incident reporting and response through its new Bias Incident Response Team (BIRT). [Read more »](#)

# BIAS INCIDENT RESPONSE TEAM

NC STATE

## New Campus Resource

The Bias Incident Response Team (BIRT) provides a system through which a person can report incidents of bias on and around campus.

[bias-incident.ncsu.edu](https://bias-incident.ncsu.edu)



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Save-the-Date

# 20TH ANNUAL NIEHS BIOMEDICAL CAREER SYMPOSIUM



**Friday, April 21, 2017**

**7:45 a.m. – 5:00 p.m.**

EPA Campus, Building C

109 TW Alexander Drive • Research Triangle Park, N.C.

## Keynote Address

### *How Economics Shapes the Early Careers of Scientists*

**Paula Stephan, Ph.D.**



**Professor of Economics,  
Georgia State University,  
and Research Associate,  
National Bureau of  
Economic Research**

*Author of the book  
"How Economics Shapes Science"  
Selected as Science Careers first  
Person of the Year in 2012 for her  
contributions to the welfare  
of early-career scientists*

## Career-Specific Discussions

- Entrepreneurship and Biotech Startups
- Academia
- Science Outreach
- Scientific Review Officer/ Grants Management
- Non-Profit Organizations
- Consulting
- Medical Writing and Scientific Writing
- Contract Organizations (CDMO/CRO)
- How to Be a Competitive Applicant: Ask Human Resources

## Career Development Workshops

- How to Avoid Self-Sabotage and Win at Salary Negotiations
- Articulating Your Accomplishments: Tips for Creating a High-Impact Job Application
- Starting Your Own Lab
- Overview of the Industry Career Landscape
- Interviewing with Confidence
- Networking: A Tool for Exploring Careers and Building Professional Relationships
- Foundations of Good Grantsmanship
- The Government Job Application Process: Navigating USAJOBS.gov
- A Practical Approach to Managing Conflict and Preparing for Difficult Conversations
- Building an Online Presence Using Free Internet Tools

## Networking Opportunities

- Informal Networking Lunch
- Afternoon Reception
- Exhibitor Browsing – Local Organizations Focused on Biomedical Research
- Meet With HR Company Representatives

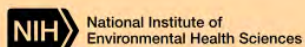
## One-on-One CV/Resume Consultations With Professionals From Academia, Industry, and Government

### For more information, visit

<https://tools.niehs.nih.gov/careerfair>

Email: [NIEHSCareerSymposium@niehs.nih.gov](mailto:NIEHSCareerSymposium@niehs.nih.gov)

Sponsored by the NIEHS Trainees Assembly



## Duke Quantitative Biology Symposium

**Date: 9:00AM-5:00PM, Thursday May 11, 2017**

**Location: Love Auditorium, LSRC B101, Duke University, Durham NC**

### Symposium Summary

The Duke Quantitative Biology Symposium aims to highlight exciting new research at the intersection of the biological, mathematical, and computational sciences. This symposium will bring together investigators working on diverse topics (genomics, systems biology, microbiome studies, proteomic and metabolomics, etc) in North Carolina's Research Triangle. Attendees will have the opportunity to present their work, learn about recent research innovations, and network with local colleagues.

### Keynote Speakers

Nadav Ahituv, UCSF  
Stirling Churchman, Harvard University  
Rachel Dutton, UCSD  
Ido Golding, Baylor College of Medicine  
Jan Skotheim, Stanford University

All are invited: Scientists from Duke, NCSU, UNC Chapel Hill, NCCU, and other local institutions are invited to register and attend.

Poster and Oral Presentations Registered individuals are invited to submit abstracts to be presented at a poster session during the symposium. Selected abstracts from students and postdocs will be invited for oral presentations.

Abstract deadline is April 21, 2017.

Registration: Attendance is free but registration is required for our planning purposes.

To register, please visit: Duke QBio 2017 Registration (full URL: [https://duke.qualtrics.com/jfe/form/SV\\_d0flw1XN89NBQ1L](https://duke.qualtrics.com/jfe/form/SV_d0flw1XN89NBQ1L))

Organizers: The symposium is hosted and sponsored by the Duke Computational Biology & Bioinformatics Graduate Program and the Center for Genomics & Computational Biology. It is organized by Profs. Stefano Di Talia, Nicholas Buchler, Tim Reddy, and Paul Magwene.

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# 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



**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

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

# Spring 2017 Neuro Events

Neurogroup meets 3<sup>rd</sup> Thursday Stephens room 3<sup>rd</sup> 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 <a href="http://trianglesfn.org/springmeeting/">http://trianglesfn.org/springmeeting/</a>
February 16 Neuro-group	April 20 Neuro-group
March 3 Neurojournal	April 20 Neuro-group
<b>Brain Awareness Day</b> March 16 Neuro-group 11:30 Jon Kaas seminar 3:30 NCMNS event 6:30	April 21 Neurojournal Dr. Alex Marshall High Point University
	May 18 Neuro-group

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There will be a **Hot Water, Heating and Steam Disconnect** for multiple buildings starting on **Monday, May 15, 2017 at 6:00 AM** until Friday, **May 19, 2017 at 12:00 PM**. This disconnect is needed for piping and the installation of the PRV station.

The following buildings will be affected:

Dabney  
DH Hill (All)  
Williams & Addition  
Bostian  
Scott  
Kilgore  
Nelson  
David Clark Labs & Addition  
Thomas  
Gardner  
Phytotron  
Biological Resources Facility  
Marye Anne Fox

## AND

There will be a **Hot Water, Heating, Steam and Reheat Disconnect** for multiple buildings starting on **Friday, June 9, 2017 at 5:00 PM** until Monday, **June 12, 2017 at 7:00 AM**. This disconnect is needed for piping and the installation of the PRV station.

The following buildings will be affected:

Dabney  
DH Hill (All)  
Williams & Addition  
Bostian  
Scott

Kilgore  
Nelson  
David Clark Labs & Addition  
Thomas  
Gardner  
Phytotron  
Biological Resources Facility  
Marye Anne Fox

**Duke Women in Science & Engineering &  
Graduate Women in Science  
Research Triangle Chapter**

**A Celebration of  
Women in Science**

**Free Research Symposium  
Saturday, May 20, 2017  
Love Auditorium at Duke University**

- 1:00 PM - Welcome
- 1:15 PM - Keynote Address  
**Dr. Patricia Jensen**  
National Institute of Environmental  
Health Sciences  
“Diverse Origins in Science”
- 2:30 PM - Short Talks
- 3:30 - 5:00 PM - Poster Session,  
Reception With Refreshments



- ★ Register for a short talk by **April 25, 2017**  
Talks selected by GWIS and Duke WISE officers - notification May 1, 2017
- ★ General registration open until **May 1, 2017**
- ★ Register: [gwisresearchtriangle.org/women-in-science-symposium/](http://gwisresearchtriangle.org/women-in-science-symposium/)



**More Information**  
[sites.duke.edu/wise/](http://sites.duke.edu/wise/)  
[gwisresearchtriangle.org](http://gwisresearchtriangle.org)

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 NCSU Biological Sciences