

COLLEGE OF **SCIENCES**
BIOLOGICAL SCIENCES

Biological Sciences

August 15, 2016 AY 15-16 #129

Department Announcements:

Lara Mekeel and Jennifer Lee received Pride of the Wolfpack Awards last week for their contributions to Biological Sciences. Congratulations to you both!

Chancellor's Innovation Fund 2017

The Chancellor's Office recently announced seven projects it will fund that have the potential to change the world! **Frank Scholle of Biological Sciences** will be working with Reza Ghiladi in the Department of Chemistry and Dimitris Argyropoulos in the Department of Forest Biomaterials on one of these projects.

Below is an excerpt from the Triangle Business Journal about his project and a link to read about the other 6 projects.

"Anti-infective coatings: Reza Ghiladi in the Department of Chemistry, Dimitris Argyropoulos in the Department of Forest Biomaterials and Frank Scholle in the Department

of Biological Sciences are working on new anti-infective coatings that are light activated and could be used to help protect surfaces in hospitals, food processing centers, wastewater treatment plants and daycare facilities. The low-cost coatings are made from engineered plant cellulose nano fibers embedded with light-sensitive molecules. When activated, the molecules inhibit the growth and spread of harmful bacteria, fungi, viruses and parasites.

The project has secured \$65,000 from the CIF."

<http://www.bizjournals.com/triangle/blog/techflash/2016/08/7-ways-ncsu-researchers-are-trying-to-change-the.html>

****Save-the-Date****

2016 LSFY Wolfpack Welcome Week Event

Please mark your calendars for **Tuesday, August 16th, from 2:00-3:00 pm** as we welcome our new LSFY students during Wolfpack Welcome Week. This event is an opportunity for students to get connected with our NC State community right from the start. Faculty, staff, and class assistants who work with the LSFY Program are encouraged to attend. Student clubs and organizations affiliated with the LSFY majors are also welcome to mix and mingle. Stop by to say hello and enjoy a cool treat. Join us for the launch of the Wolfpack Citizen Science Challenge, complete with camera trap image guessing games. Finally, marvel at the new view where Harrelson Hall once stood. We hope to see you there.

Location: Bostian Lawn (Outside, between Bostian Hall and the Brickyard); Rain location: DCL lobby

Questions: Please contact Michael Lee at mjlee@ncsu.edu



NC STATE

READY TO RETIRE WORKSHOP

Sponsored by the NC State HR Benefits Office

August 24, 2016
1:00 pm – 5:00 pm

Talley Student Union
State Ballroom

Register online @ go.ncsu.edu/Ready2Retire

Questions? Email us at hrsbenefits@ncsu.edu



Speakers Include:



The 2016-17 Biological Sciences Seminar Series

Thursdays from 3:30-5 p.m. in the Stephens Room, 3503 Thomas Hall

Check out the seminar schedule below, with more details on this year's speakers coming soon!

September 1st: Brian Langerhans

September 8th: Tony Planchart

September 15th: David Buchwalter

September 22nd: David Reif

October 13th: TBA

October 27th: TBA

November 10th: TBA

November 24th: TBA

December 8th: TBA



Faculty & Staff: Eat Smart, Move More, Weigh Less is **BACK this fall!** A 15-week weight management program that works because it is not a diet—it's a lifestyle! State Health Plan members pay \$30 to register, but receive \$25 back for completion of the program!

Thursdays at 11:00am Sept 8th- Dec 15th
Find out more @ esmmweighless.com

Classes will be held at Carmichael in Classroom 2037
100 Carmichael Gym, 2611 Cates Avenue

Faculty in Action Seminar: Bill Ditto and Trudy Mackay **September 14 | 5:15 pm - 6:15 pm**

Come hear Sciences faculty discuss their lives and research during an informal conversation with students. A pizza reception will follow in Riddick Hearth.

[Bill Ditto](#) has been the dean of the College of Sciences since September 2015, coming to NC State from the University of Hawaii at Manoa. He is a physicist whose research focuses on chaos theory, as well as an experienced entrepreneur and university administrator.

[Trudy Mackay](#) is William Neal Reynolds and University Distinguished Professor in the Department of Biological Sciences at NC State and winner of the [2016 Wolf Prize in Agriculture](#). Her research on quantitative traits in fruit flies and their application to human genetics led her to develop the Drosophila Genetic Reference Panel, a resource used by researchers all over the world.



SAVE THE DATE
NC SOT Annual Meeting
October 25, 2016

National Institute of Environmental Health Sciences (NIEHS) Main Campus
Research Triangle Park, NC

Scientific Themes: Epigenetics and Stem Cells

Tentative Agenda

8:45 AM – 9:45 AM

Career Panel Breakfast Discussion***

***PRE-REGISTRATION IS REQUIRED; Seating is limited to no more than
25 students/Post-Docs

10:00 AM – 4:30 PM

Welcome & NCSOT Business Meeting

Presentations from Epigenetics Experts: Dr. Shaun McCullough (USEPA) &
Dr. Catherine Hoyo (NC State)

President's Award for Research Competition (PARC; Open to Post-Docs
Only)

Poster Session (Open to all members) and Competition (Open to both
Graduate Students and Post-Docs)

Networking Lunch and Refreshment Break

Platform Presentations (Open to Graduate Students Only)

Presentations from Stem Cell Experts: Dr. Karen Augustine (Bristol Myers-
Squibb) & Dr. Guang Hu (NIEHS)

Online Registration: <http://www.toxicology.org/groups/rc/nc/meetings.asp>

Registration* is required for meeting attendance and **will close Friday, October 21, 2016.**

Registration covers cost of lunch and refreshments. Note: There will be no On-Site registration available.

*Registration Fees are as follows: NCSOT Member- \$10; NCSOT Non-Member- \$15; NCSOT Student/Post Doc
Member- \$5; NCSOT Student/Post Doc Non-Member- \$10

Thank you to NIEHS for providing the venue for this meeting!

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 NCSU Biological Sciences

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