Department Announcements:

Check out NCSU’s video of Jennifer Landin in action! She is in her element and inspiring the fusion of art and science in our students.

https://www.youtube.com/watch?v=MFuDDLqajVA

STATE HEALTH PLAN
Annual Enrollment is October 1-October 31, 2016
Three important things…

1. Everyone is defaulting to the 70/30 plan. You must take action to enroll in the 80/20 or Consumer Directed Health Plan
2. The 70/30 will now have a wellness credit. To avoid a $40/month surcharge, you must complete a tobacco attestation during annual enrollment
3. Those in the 80/20 and Consumer Directed Health Plan will have three wellness credits to complete

As of October 1, you will start the enrollment process through the MyPack Portal.
Baby, It’s Cold Outside!

Donate Items to Help the Homeless
The winter season will be arriving soon and there are a lot of homeless people in our area that could use a helping hand.

The BioSciHelp Team will be collecting items to hand out to the homeless in our Raleigh streets. (Most items can be purchased at the Dollar Store or are sample items you receive in the mail.)

Items most needed:

<table>
<thead>
<tr>
<th>Gloves</th>
<th>Deodorant</th>
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<tbody>
<tr>
<td>Toboggans</td>
<td>Lotion</td>
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<tr>
<td>Scarfs</td>
<td>Body Wipes</td>
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<tr>
<td>Socks</td>
<td>Pocket Kleenex</td>
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<tr>
<td>Toothpaste</td>
<td>Hand Warmers</td>
</tr>
<tr>
<td>Toothbrush</td>
<td>Hand Sanitizer</td>
</tr>
<tr>
<td>Floss</td>
<td>Bottled Water</td>
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<tr>
<td>Chap Stick</td>
<td>Granola Bars (Snacks)</td>
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</tbody>
</table>

Any item you can think of that will help keep someone warm and healthy on our Raleigh Streets.

We will also be excepting:
Gently used coats, sweater, hoodies, blankets or shoes.

Donations and money can be brought to BOS 2727.
Questions? Contact Angie Lueneburg at 515-9044.
**Save-the-Date**

Biological Sciences is pulling out all the stops for Halloween this year! Everyone is encouraged to attend TWO parties to celebrate our love of all things macabre. Please attend our joint Biological Sciences and Applied Ecology spook-tacular on Friday, October 28 in David Clark Labs. This event gives us a chance to celebrate with our scientific compatriots in CALS. On October 31st you can show your support for the Genetics Program by attending their Halloween party in Thomas Hall. Prizes will be given out at both events for participation so don't miss out!

More info below.

**Genetics Program Halloween Party**

_**Dr. Victor Frankenstein, University of Transylvania**_
Hosted by the Ghouls and Witches of the Genetics Program

*Join us for spooktacular treats and a costume contest!*

Monday, October 31, 2016
12:00 pm - 1:30 pm
3503 Thomas Hall, Stephens Room
Please join us for the

Biological Sciences & Applied Ecology
Halloween Potluck!

Friday, October 28th
11:30 a.m.-1 p.m.
David Clark Labs Atrium

1st, 2nd and 3rd place winners will be named for the best
Halloween-themed dishes AND costumes.
We hope to see you there!

The Biological Sciences 2016 Fall Seminar Series

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

November 3rd: Scott Belcher, NCSU

November 17th: Gary Ostrander, FSU

December 1st: Patricia Jensen, NIH

December 15th: Charlotte Boettiger, UNC
<table>
<thead>
<tr>
<th>DATE</th>
<th>SPEAKER</th>
<th>AFFILIATION</th>
<th>TITLE</th>
</tr>
</thead>
<tbody>
<tr>
<td>8/23</td>
<td>Jennifer Martinez*</td>
<td>NIEHS</td>
<td>“Non-canonical autophagy as a critical regulator of inflammation and</td>
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<tr>
<td></td>
<td></td>
<td></td>
<td>autoimmunity&quot;</td>
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<tr>
<td>8/30</td>
<td>Susan Sumner**</td>
<td>RTI</td>
<td>“Metabolomics in maternal and child health”</td>
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<tr>
<td>9/6</td>
<td>Rodolphe Barrangou</td>
<td>NCSU</td>
<td>“The CRISPR craze: from adaptive immunity to genome editing”</td>
</tr>
<tr>
<td>9/13</td>
<td>Rodney Dietert**</td>
<td>Cornell University</td>
<td>“Health Risks for the Human Superorganism”</td>
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<tr>
<td>9/20</td>
<td>James Samet</td>
<td>EPA/UNC-CH</td>
<td>“Redox Toxicology: Linking Environmental Oxidative Stress to Signaling</td>
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<td></td>
<td></td>
<td></td>
<td>Dysregulation”</td>
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<tr>
<td>9/27</td>
<td>Jodie Fleming**</td>
<td>NCCU</td>
<td>“The role of the Lipolysis Stimulated Lipoprotein Receptor in the</td>
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<td></td>
<td></td>
<td></td>
<td>promotion of breast cancer”</td>
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<tr>
<td>10/4</td>
<td>Carmen Williams*</td>
<td>NIEHS</td>
<td>“Epigenetic reprogramming of female reproductive tract function by</td>
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<td></td>
<td></td>
<td></td>
<td>developmental exposure to estrogentic chemicals”</td>
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<td>10/11</td>
<td>TBA</td>
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<tr>
<td>10/18</td>
<td>Ernest Hodgson*</td>
<td>NCSU</td>
<td>“The Generalist in Toxicology: at Work and at Play”</td>
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<tr>
<td>10/25</td>
<td>Marc Weisskopf**</td>
<td>Harvard School of</td>
<td>“ALS Epidemiology in large populations”</td>
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<td></td>
<td></td>
<td>Public Health</td>
<td></td>
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<tr>
<td>11/1</td>
<td>Chad Blystone*</td>
<td>Alumni Speaker</td>
<td>“Evaluation of 4-Methylcyclohexanemethanol developmental toxicity,</td>
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<tr>
<td></td>
<td></td>
<td>NTP</td>
<td>the primary chemical in the Elk River Spill”</td>
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<tr>
<td>11/8</td>
<td>Zhen Gu</td>
<td>NCSU</td>
<td>“Leverage Physiology for Precision Drug Delivery”</td>
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<tr>
<td>11/15</td>
<td>Gina Hilton</td>
<td>NCSU PhD Student</td>
<td>“Proteomic discovery of nanoparticle-induced lung disease”</td>
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<td>&amp;</td>
<td></td>
<td></td>
<td>“Allergen-Nanoparticles in asthma susceptibility”</td>
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<tr>
<td>11/22</td>
<td>Kenneth Poss</td>
<td>Duke University</td>
<td>“Enhancing tissue regeneration”</td>
</tr>
<tr>
<td>11/29</td>
<td>Rusty Thomas</td>
<td>US EPA</td>
<td>“Too many chemicals, so little time”</td>
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</tbody>
</table>

Media Training and Communication Workshop, Wed. Oct. 19 from 6-8 pm.

Do you know how to effectively describe your work to non-scientists? Could your communication skills be polished? If so, you should join us Oct. 19 from 6-8 pm at NCSU BTEC for an engaging workshop led by Matt Shipman, a Public Communications Specialist from NCSU. For more information and to RSVP, click here!
FALL 2016 GENETICS PROGRAM SEMINAR SERIES

Time: 1:30 pm
Location: Stephens Room, 3503 Thomas Hall

August 29
Dr. Jason Moore, University of Pennsylvania
(Hosted by Dr. Trudy Mackay)

September 12
Dr. Rebecca Yang, Duke University
(Hosted by Dr. Robert Anhalt)

September 19
Dr. Adriana San Miguel, NC State University
(Hosted by Dr. Robert Anhalt)

September 26
Dr. Sarah Elgin, Washington University
(Hosted by the Genetics Teaching Faculty)

October 3
Dr. David Remington, UNC Greensboro
(Alumnus Seminar, Hosted by Dr. Trudy Mackay)

October 10
Dr. John Schimenti, Cornell University
(Hosted by Dr. Antonio Pancherz)

October 17
Dr. Joseph Ecker, The Salk Institute
(Hosted by Dr. Jose Alonso and Dr. Anna Stapanova)

October 24
Dr. Joan Steitz, Yale University
(Hosted by the Genetics Graduate Students)

October 31
Genetics Program Halloween Party
Dr. Victor Frankenstein, University of Transylvania
(Hosted by the Ghouls and witches of the Genetics Program)

November 7
Dr. Danila Nielsen, NC State University
(Hosted by Dr. David Aylor)

November 14
Dr. Harris Lewis, UC Davis
(Hosted by Dr. Trudy Mackay)

November 21
Dr. Laurianne Chantal Van Landeghem, NC State University
(Hosted by Dr. Robert Anhalt)

November 28
Dr. Hans Hofmann, UT Austin
(Hosted by the Genetics Graduate Students)

December 5
Dr. Stephen Rich, University of Virginia
(Hosted by Dr. Trudy Mackay)
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/nc/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!

Follow us on Twitter and Facebook!

Facebook: NCSU Biological Sciences
Twitter: BiosciNcsu