

# THE TIBBS TIMES

Your source for campus events, news, and information designed especially for UNC bioscience PhD students.

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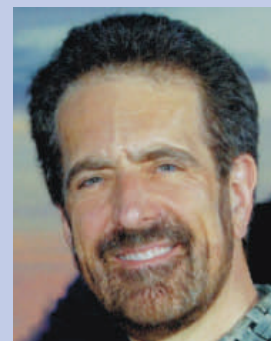
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## Dave Jensen, regular contributor to *Science Careers* website, coming to UNC on April 8th

Dave Jensen, author of over 150 articles on [Science Magazine's career website](#) and a biotechnology insider, is coming to UNC on April 8th. Jensen will present two workshops, one titled "[Becoming a Leader: More Than Another Skill in Your Toolbox](#)", and the other titled "[Beyond Graduate School: Career Chokepoints or Opportunities to Succeed?](#)". We will give away some of Dave's best selling hard cover job search, science career, and professional development books and other items at each workshop.



Dave Jensen, author, columnist, CEO of CareerTrax

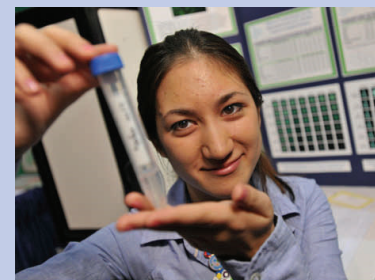
Click on the workshop titles above for details and to register, or see [page 3](#) for more information. There will be a special lunch with Dave between sessions. Space is limited so please email Patrick Brandt ([pdb@unc.edu](mailto:pdb@unc.edu)) if you'd like to participate.

Jensen is a sought after keynote speaker, an expert on the biotechnology industry, and founder and President of CareerTrax, a biotechnology executive search firm. You can read his full bio [here](#). Don't miss the opportunity to hear him speak and learn from his experience preparing young professionals for jobs in the real world!

## Web Resources for Women in Science

The TIBBS Website now has a section specifically for Women in Science that you can access from the [Resources tab](#). Among the links you'll find:

- A report and proceedings from an AAUW meeting, [Why So Few? Women in Science](#)
- [A NY Times Article](#) on gender bias in the sciences:
- Science Magazine's [diversity page with many articles](#) specific for women in science
- [Staying Competitive; Patching America's Leaky Pipeline in the Sciences](#). A report from the Center for American Progress



## Upcoming TIBBS-Sponsored

**Thursday 4/1 12:00 on the MBRB lawn**

### **TIBBS Social—Spring egg hunt**

Tons of candy, hidden prizes, and fun with your friends. See the [TIBBS homepage](#) for a list of some of the prizes. Don't miss out!



**Saturday 4/3 10:00 to 11:00 on the MBRB lawn**

### **Family Egg Hunt**

Bring your kids for some egg huntin' fun, a visit from the TIBBS'ter Bunny, and even a piñata.

**Thursday 4/8**

### **Dave Jensen, career expert and industry insider**

Dave will present two workshops:

10:00 to 11:30 in Bioinformatics 1131

["Becoming a Leader: More Than Another Skill in Your Toolbox"](#),

2:00 to 3:30 in Bioinformatics 1131

["Beyond Graduate School: Career Chokepoints or Opportunities to Succeed?"](#).

Click on the workshop titles to learn more. Cosponsored by the Graduate School



**Monday 4/12 and Tuesday 4/13, 12:00 to 1:00 in MacNider 133**

### **Women in Science (WinS) lunch: Navigating a path to building a family and career in science**

For the April meetings there will be an open discussion with your graduate student and postdoctoral fellow colleagues on their experiences building a family and a career in science. Everyone is invited to attend. A light lunch will be provided to those who register.

[Click here to register for the WinS lunch on Monday 4/12](#)

[Click here to register for the WinS lunch on Tuesday 4/13](#)

**Wednesday 4/21, 12:00 to 1:00 in Bondurant G100**

### **Informational Lunch for 1st and 2nd year students interested in the Program in Translational Medicine**

The Program in Translational Medicine is a Howard Hughes-funded certificate program for UNC graduate students who are engaged in clinically-relevant bench research projects and want additional training and exposure to clinical research. Application will be accepted from students entering their 1st or 2nd year, and the deadline for 2010 is June 30th. Come to this session to learn about the program and the application requirements from program leadership and current trainees. You can learn more at the program website <http://www.med.unc.edu/transmed>.

[Click here to register for the Informational Luncheon on 4/21](#)

## Translational Medicine Symposium

**April 15th, 2010**

**Keynote speakers:**  
Charlie Lowenstein,  
MD, U of Rochester

Mary Estes, PhD,  
Baylor College of Med

Joe Nevins, PhD,  
Duke University

Talks and posters all  
day in the MBRB.

[Lunch served to  
those who register](#)

Author of over 300 career articles, 20 years of industry exposure as owner of a life science recruiting company...

## Dave Jensen—*Science* Magazine Columnist and Career Expert Will Present Two Workshops at UNC

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**Date: Thursday,  
Apr 8th, 2010**

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**Location: Bioinformatics Bldg 1131**

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**Register at the  
TIBBS website:**

[TIBBS.unc.edu](http://TIBBS.unc.edu)

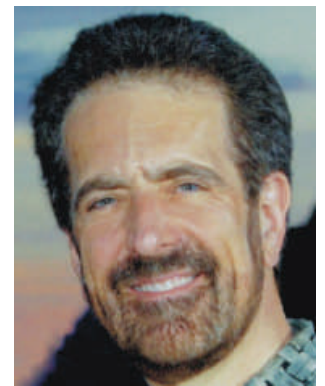
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Questions? Contact  
Patrick Brandt  
919.843.9342  
[pdb@unc.edu](mailto:pdb@unc.edu)

### **10:00 to 11:30 - "Becoming a Leader: More Than Just Another Skill in Your Toolbox"**

Many graduate students know that they want to move as quickly as possible to a "management" job when they transition into full-time employment. And yet, very little hands-on information is passed along during the graduate school experience about the qualities of a great leader. In this presentation you will learn about the most effective leadership styles so that you can begin to refine them in your associations now.



Dave Jensen, author, columnist, CEO of CareerTrax

### **2:00 to 3:30—"Beyond Graduate School: Career Chokepoints or Opportunities to Succeed?"**

There are more exciting careers in science available to young scientists now than at any time in the past. But with increased options comes an increased need to initiate career awareness and planning during graduate school. In this presentation, life science career expert, Dave Jensen, will explain the pros and cons of various traditional and emerging career sectors and the skills required for success in each sector. He will also explain steps that you can take now to establish future career flexibility. By making the right decisions at key points along your training, you will emerge with a CV that works for both the tenure track as well as non-academic careers.

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Dave Jensen's visit is co-sponsored by the TIBBS program and the Graduate School

# Translational Medicine Symposium

Thursday, April 15, 2010  
9:00am to 5:30pm

In the Medical and Biomolecular  
Research Building (MBRB) at  
UNC-Chapel Hill



## Invited Speakers



**Charlie Lowenstein, MD**  
Chief of Cardiology, Uni-  
versity of Rochester  
Medical Center

Title: Nitric oxide and  
vascular inflammation



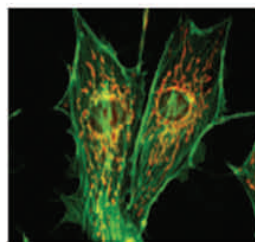
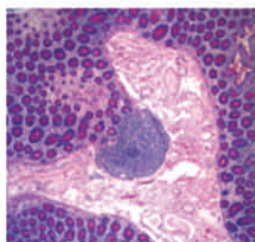
**Mary Estes, PhD**  
Professor of Molecular  
Virology, Baylor College  
of Medicine

Title: Molecular biol-  
ogy of gastrointestinal  
viruses



**Joseph Nevins, PhD**  
Director, Center for Ap-  
plied Genomics & Tech-  
nology, Duke University

Title: Genomic Strate-  
gies for Personalizing  
Cancer Treatment



## Agenda at a Glance

- Keynote addresses and local talks throughout the day
- Catered lunch for all registrants
- Afternoon poster session
- Program awards
- Reception with speakers to follow

For details or to  
register visit:

[med.unc.edu/transmed](http://med.unc.edu/transmed)

or contact Patrick Brandt  
at [pdb@unc.edu](mailto:pdb@unc.edu)

Sponsored by HHMI and the UNC  
Program in Translational Medicine

**HHMI**  
HOWARD HUGHES  
MEDICAL INSTITUTE

## UNC Grad Students Take Third In National Venture Competition

A team of UNC students, including 2 graduate students from the Redinbo Lab in the chemistry department, competed in the 4th annual Oak Ridge National Lab's Global Venture Challenge. The team composed of graduate students Andy Hemmert and Jon Edwards, and Ben Hill, a Kenan Flagler MBA student, won 3rd place and will split a \$5000 cash prize.

The Global Venture Challenge is a competition that brings together students developing new technologies and venture investors with expertise in the marketplace. Twenty-two teams of graduate students from five countries were invited to present new technology products that satisfy current market demands in energy or security. More than 50 judges selected winners based on the quality of the technology and the product's projected strength in the marketplace.



The Identizyme team from UNC (Left to Right) Ben Hill (MBA student), Andy Hemmert and Jon Edwards (both graduate students in the Redinbo lab)

Hemmert, Edwards, and Hill are developing a device that can identify terrorist nerve agents via a no-power colorimetric enzyme assay. The proprietary enzymes have been tested against *bona fide* nerve agents at the United States Army Medical Research Institute of Chemical Defense. The device is being marketed for the military, HAZMAT teams, and first responders by a UNC spinoff company called Identizyme Defense Technologies Inc., which Hemmert and Edwards founded along with their advisor Dr. Matt Redinbo.

Hemmert and Edwards were introduced to Ben Hill, the MBA-student-member of the team, during a one-year Launch the Venture course offered through the Kenan Flagler Business School. As part of the course the team works together to perform the requisite market research, develop a viable business plan, and seek venture funding.

More information about the competition including descriptions of the first place winners' technologies [can be found in this press release](#).

## TIBBS Professional Development Library Book Review

UNC's biomedical graduate students now have their own source of more than 60 books covering a broad range of topics from career exploration, to manuscript preparation, to academic job searching, to issues facing minority students. The new library is housed in the TIBBS/BBSP offices in the northeast corner of the 1st floor of the Bioinformatics Building.

### **How to Write and Publish a Scientific Paper** by Robert A Day and Barbara Gastel

To be useful, scientific research needs to be explained clearly to colleagues, to administrators, to foundations and governmental bodies, and to the public. This thoroughly revised edition of the classic *How to Write and Publish a Scientific Paper* gives beginning scientists and experienced researchers alike practical advice on writing about their work and publishing what they write. The core of the book consists of a how-to guide to writing and publishing research articles for scientific journals, explaining every step of the process, from choosing a suitable journal for your work to presenting the results and citing references. In addition to the information on writing for scientific journals, this book provides additional advice for the scientist of the 21st century. All of this practical information makes *How to Write and Publish a Scientific Paper* the essential guide that scientists need for succeeding in the competitive environment of today.

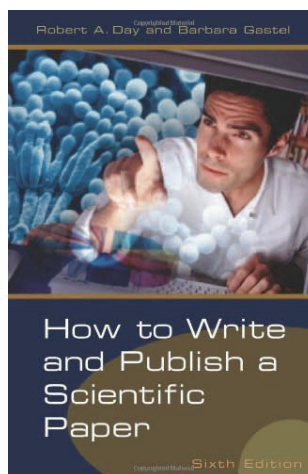
[For a complete list of books available in the TIBBS Library click here](#)

If you're interested in borrowing one of the books please contact Ms. Eileen Hayter ([ehayter@email.unc.edu](mailto:ehayter@email.unc.edu) or 843-8291) to be sure the book is available.

## Where on Campus is That??

If you're one of the first ten PhD students to correctly identify the location of this picture on UNC campus you'll get a free king size candy bar! Email your guesses to [pdb@unc.edu](mailto:pdb@unc.edu). Good luck!

[Click here for past contest photos and a list of winners](#)



## April 2010 Seminars (page 1 of 4)

April 1<sup>st</sup>

**Herpes Simplex VirusL From Encephalitis to Gene Therapy of Glioblastoma.** Presented by Richard J. Whitley, MD, University of Alabama held at 3:30 p.m. in 00-002 LCCC

April 2<sup>nd</sup>

**Integrating Information Flow Across Cortico-basal Ganglia Circuits: A Complex Neural Network that Underlies Incentive Based Learning and Habit Formation.** Presented by Suzanne Haber, Ph.D., Professor of Neurobiology and Anatomy, University of Rochester as part of the Neuroscience Seminar Series. Held at 12:30 p.m. in 1131 Bioinformatics.

April 5<sup>th</sup>

**How are CNS Synapses Eliminated During Development and Disease?** Presented by Beth Stevens, Ph.D., Assistant Professor of Neurology Harvard University, Children's Hospital, Kirby Neurobiology Center. Held from 12:00 p.m. to 1:00 pm in G202 MBRB

**Plastic Peril or Plastiphobia: Contrasting the Science and Regulatory Status of the Phthalates and Bisphenol A.** Presented by Dr. Earl Grey, EPA, held at 4:00 p.m. in 1131 Bioinformatics.

April 6<sup>th</sup>

**Stereochemical underpinnings of the genetic code for glutamine and glutamate.** Presented by John Perona from the University of California as part of the Biochemistry and Biophysics Seminar Series. Held from 11:00 a.m. to 12:00 p.m. in Bioinformatics, Room 1131.

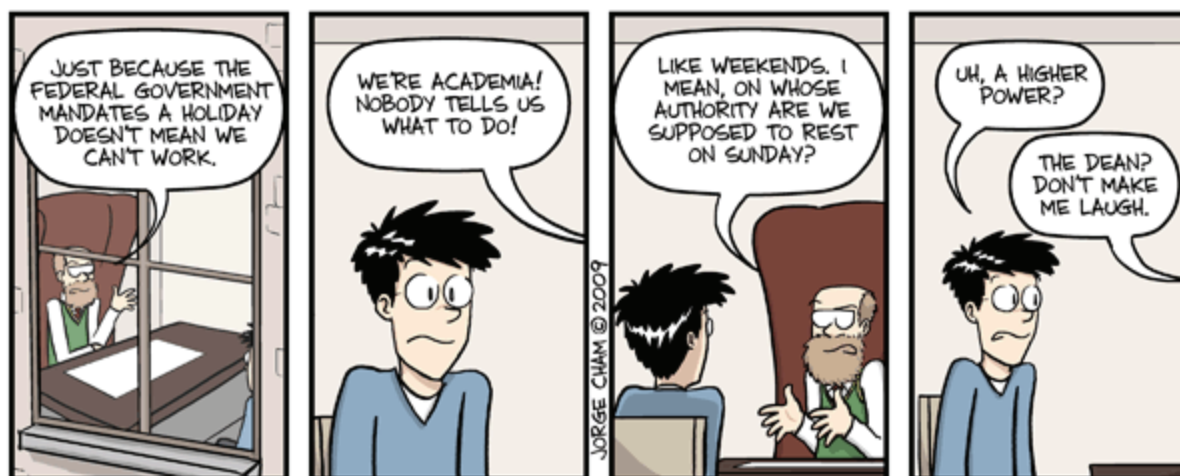
**Identification and characterization of genes differentially expressed during Francisella tularensis growth in vitro and in vivo.** Presented by Thomas Zahrt, Ph.D., Medical College of Wisconsin, held at 9:30 a.m. in 1131 Bioinformatics.

**Pharmacological Quiescence and DNA Damage.** Presented by Norman E. Sharpless, MD, UNC Chapel Hill, Medicine and Genetics, held in 4:00 p.m. in 1131 Bioinformatics.

April 7<sup>th</sup>

**A Synergistic Small-Molecule Combination Directly Eradicated Diverse Prion Strain Structure.** Presented by Hsin-Yi Hung, UNC-Chapel Hill, held at 12:00 p.m. in Chapman 125.

PhD  
Comics  
by Jorge  
Cham,  
PhD



## April 2010 Seminars (page 2 of 4)

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April 9<sup>th</sup>

**Netrin Receptors and Cerebellar Development.** Presented by Susan Ackerman, Ph.D., HHMI Investigator and Professor, The Jackson Laboratory, as part of Genetics and Molecular Biology Seminar Series. Held at noon in G100 Bondurant Hall

**TrkB and Intracellular Signaling Hippocampal Neurogenesis and Depression.** Presented by Luis Parada, Ph.D., Professor of Developmental and Cell Biology at UT Southwestern as part of the Neuroscience Seminar Series. Held at 12:30 p.m. in 1131 Bioinformatics.

**Microdevices for Cell-Based Assays.** Presented by Nancy Allbritton, Ph.D., Chair of the UNC/NCSU Joint Department of Biomedical Engineering as part of the Division of Molecular Pharmaceutics Seminars. Held from 3:00 p.m. to 4:30 p.m. in Kerr Hall, Room 2001.

April 12<sup>th</sup>

**Epigenetic Control of MicroRNA Function in Fetal Neural Stem Cells: Uncovering Novel Mechanisms of Ethanol Teratology.** Presented by Rajesh C. Miranda, Ph.D., Associate Professor of Neuroscience and Experimental Therapeutics, Texas A&M Health Science Center as part of the Bowles Center for Alcohol Studies Seminar Series. Held from 12:30 p.m. to 1:30 p.m. in 124 Taylor Hall.

**Disparities in Care for Early Stage Lung Cancer: After a Decade of Inertia, What Can We Do?** Presented by Sam Cykert, MD, Moses Cone Memorial Hospital, held at 1:00 p.m. in Defriese Conference Room 150, Sheps Center.

**Effects of Oxidants on Influenza Type A Infection.** Presented by Dr. Matt Kesic, held at 4:00 p.m. in 1131 Bioinformatics

April 13<sup>th</sup>

**FAK and PYK2 function in neuronal development.** Presented by Hilary Beggs from the University of California as part of Biochemistry and Biophysics Seminar Series. Held from 11:00 a.m. to 12:00 p.m. in G202 MBRB.

**siRNA as a Research Tool.** Presented by Jim Moore and held from 4:00 p.m. to 5:00 p.m. in 3007 Genetic Medicine.

**Pharmacological Interventions to Prevent the Spread of HIV/AIDS.** Presented by J. Victor Garcia-Martinez, Ph.D., UNC Chapel Hill, Infectious Disease, held at 4:00 p.m. in G202 MBRB.

**If you build it, they will come-Establishing a Translational Pharmacogenomics Research Program at the National Cancer Institute.** Presented by Leah B. Sansbury, Ph.D., MSPH, National Cancer Institute, held from 4:00 p.m. to 5:00 p.m. in 1131 Bioinformatics.

**Duke/UNC Synapse Club.** Presented by George Augustine, held from 5:00 p.m. to 7:00 p.m. in 124 Taylor Hall

April 14<sup>th</sup>

**Microdevices for Biomolecular Detection and Single Cell Analysis.** Presented by Scott Manalis, Ph.D., Dept. of Biological Engineering, MIT, as part of the Cancer Nanotechnology Seminar Series. Held at 11:00 a.m. in the Lineberger Pagano Conference Room.

## April 2010 Seminars (page 3 of 4)

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### April 14th

**Systems Biology of Cell Migration and Ca<sup>2+</sup> Signaling.** Presented by Tobias Meyer, Ph.D., Department of Chemical and Systems Biology at Stanford University School of Medicine as part of the Division of Medicinal Chemistry and Natural Products Seminars. Held from 12:00 p.m. to 1:30 p.m. in 125 Chapman Hall.

### April 15th

**Pupylation in Mycobacterium tuberculosis.** Presented by Heran Darwin, Ph.D., NYU Lagone Medical Center, held at 9:30 a.m. in 1131 Bioinformatics.

**Dynamics of Cell Polarization in the Early C. elegans Embryo.** Presented by Ed Munro, Ph.D., Assistant Professor of Molecular Genetics and Cell Biology, University of Chicago as part of the Biology Department Seminar Series. Held at 4:00 p.m. in Coker 201. Refreshments will be served at 3:45 p.m. in Coker 215.

### April 16th

**Bacterial Stress During Virulence Factor Export: Prevention or Response.** Presented by Andrew Darwin, Ph.D., Associate Professor of Microbiology, New York University School of Medicine as part of Genetics and Molecular Biology Seminar Series. Held at noon in G100 Bondurant Hall

**Spatial and temporal scaling of species composition at the Tallgrass Prairie Preserve, Oklahoma: implications for theory and conservation.** Presented by Daniel McGlenn, Hurlbert Lab UNC-Chapel Hill, as part of the Biology Lunch Bunch Series. Held at 12:00 p.m. in Coker 215.

**Human Defects in the Development and Wiring of Cranial Motor Neurons.** Presented by Elizabeth Engle, MD, Associate Professor of Neurology at Harvard Medical School, as part of the Neuroscience Seminar Series. Held at 12:30 p.m. in 1131 Bioinformatics.

### April 19th

**Title TBA.** Presented by Dr. Mohanish Desmukh, Associate Professor of Cell and Developmental Biology, UNC Chapel-Hill, held at 4:00 p.m. in 1131 Bioinformatics

### April 20th

**Cellular Protein S-Nitrosation Formation from Nitric Oxide: Mechanisms and Role in Signal Transduction.** Presented by Jack Lancaster, University of Alabama, as part of the Biochemistry and Biophysics Seminar Series. Held from 11:00 a.m. to 12:00 p.m. in 1131 Bioinformatics.

**Viral Infection, Immune Tolerance and Autoimmunity; connections and disconnections.** Presented by John Cambier, Ph.D., National Jewish Medical Research Center, held in 9:30 a.m. in 1131 Bioinformatics.

**Large-scale Chromatin Structure and Dynamics.** Presented by Andrew Belmont, Ph.D., Professor of Cell and Developmental Biology, University of Illinois, as part of the Biology Department Seminar Series. Held at 4:00 p.m. in Coker 201. Refreshments will be served at 3:45 p.m. in Coker 215.

### April 21st

**Biophysical Studies of Alpha-Synuclein at the Cellular Level.** Presented by Imola Zigoneanu, UNC-Chapel Hill, held at 12:00 p.m. in 125 Chapman Hall

### April 22nd

**The Role of Neuronal Nicotinic Acetylcholine Receptors in Ethanol and Nicotine Co-Dependence.** Presented by Selena Bartlett, Ph.D., Director of Preclinical Development group, University of California San Francisco as part of the Bowles Center for Alcohol Studies Seminar. Held from 12:30 p.m. to 1:30 p.m. in 1131 Bioinformatics.

## April 2010 Seminars (page 4 of 4)

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**April 22nd**

**Breeding and building molecules to spy on cells and tumors.** Presented by Dr. Roger Tsienheld from 4:00 p.m. to 5:00 p.m. in 2204 MBRB.

**April 23rd**

**Notch Signaling Regulates Angiogenesis by Diverse Mechanisms.** Presented by Jan Kitajewski, Ph.D., Professor of Clinical Pathology-Institute for Cancer Genetics and HICC Columbia University Medical Center as part of Genetics and Molecular Biology Seminar Series. Held at noon in G100 Bondurant Hall

**A Third Generation Paclitaxel Formulation.** Presented by Mike Hackett, graduate student at UNC-Chapel Hill, held from 3:00 p.m. to 4:30 p.m. in Kerr Hall, Room 2001.

**Capturing the cloud: High throughput sequencing of individual genomes from a retroviral population.** Presented by Cass Jabara, C. Jones Lab UNC-Chapel Hill, as part of the Biology Lunch Bunch Series. Held at 12:00 p.m. in Coker 215.

**Brain Tumor Suppressor and Neural Stem Cell Self-Renewal in Drosophila.** Presented by Hongyan Wang, Ph.D., Assistant Professor of Neuroscience and Behavior Disorders at Duke NUS-GMS Singapore, as part of the Neuroscience Seminar Series. Held at 12:30 p.m. in 1131 Bioinformatics.

**April 27th**

**Control of developmental patterning and growth by Nemo and Hipk protein kinases.** Presented by Dr. Esther Verheyn, Associate Professor of Molecular Biology and Biochemistry, Simon Fraser University, Vancouver, as part of the Biology Department Seminar Series. Held at 4:00 p.m. in Coker 201. Refreshments will be served at 3:45 p.m. in Coker 215.

**Differential Interactions with Plasma Membrane Domains as Determinants of the Localization and Signaling of Ras Isoforms.** Presented by Yoav I. Henis, Ph.D., Duke University Medical Center, held at 4:00 p.m. in 1131 Bioinformatics.

**Energy Landscapes Encoding Function in LDH Investigated Over Broad Time Scales.** Presented by Bob Callendar, Albert Einstein College of Medicine, as part of Biochemistry and Biophysics Seminar Series held from 11:00 a.m. to 12:00 p.m. in 1131 Bioinformatics.

**Waiting to Exhale: M. tuberculosis latency and reactivation.** Presented by David Sherman, Ph.D., Seattle Biomedical Research Institute, held in 9:30 a.m. in 1131 Bioinformatics.

**April 28th**

**New approaches to enzymatic glycoside synthesis through directed evolution.** Presented by Stephen Withers, Ph.D., University of British Columbia, held at 12:00 p.m. in 125 Chapman Hall.

**April 30th**

**Signaling Networks that Regulate Synapse Development and Cognitive Function.** Presented by Jay Brenman, Ph.D., Associate Professor at UNC Chapel Hill Neuroscience Center, as part of the Neuroscience Seminar Series. Held at 12:30 p.m. in 1131 Bioinformatics.

**Analysis of Genomes, Proteomes and Regulatory Networks.** Presented by Mike Snyder, Ph.D., as part of the Jeffrey L. Houpt Lectures in Genome Sciences. Held from 12:00 p.m. to 1:00 p.m. in G100 Bondurant.

## April 2010 Campus Events and Workshops (Page 1 of 7)

**April 3<sup>rd</sup>**

### **TIBBS Family Easter Egg Hunt**

TIBBS family egg hunt is welcoming graduate students and postdocs across campus to a family easter egg hunt on the lawn in front of MBRB. There will be an egg hunt, a piñata, and a visit from the Easter Bunny. Kids of all ages are invited. Saturday, April 3, 2010 10:00am -until MBRB lawn. Contact Patrick Brandt for additional information.919.843.9342 [pdb@unc.edu](mailto:pdb@unc.edu)

**April 5<sup>th</sup>**

### **Basic RefWorks**

The Basic RefWorks class will cover the basic features of RefWorks. We will focus on accessing RefWorks, importing citations from PubMed, inserting your citations into your documents, and creating bibliography lists. This class is structured for new to beginning users. Held in Health Sciences Library 329 from 2:00-3:00 p.m. To register: <http://www.hsl.unc.edu/Services/Classes/classregistration.cfm>

### **The Twelve Keys to Successful Grantwriting**

Designed for the grant writer with limited experience, this workshop starts from the premise that nothing succeeds like a good idea. But there are other important ingredients of success, from assembling a winning team to achieving a strong match between the idea and a potential sponsor. In all, this workshop presents twelve key concepts related to success in grant writing. It stresses the importance of planning, and presents the sponsor as a potential ally, not an adversary. This workshop is appropriate for faculty members and post-doctoral fellows in any discipline. Held in the school of Public Health-Rosenau Hall Room 133 from 1:30-5:00 p.m. For more information: [http://cfx.research.unc.edu/res\\_classreg/browse\\_single.cfm?New=1&event\\_id=22511](http://cfx.research.unc.edu/res_classreg/browse_single.cfm?New=1&event_id=22511)

**April 6<sup>th</sup>**

### **Photoshop I: Introduction**

Photoshop is a powerful imaging tool that lets you adjust and enhance images. In this class you will gain a comprehensive understanding of the Photoshop workspace environment and will be able to navigate with confidence into the myriad of menus and dialog boxes. You will also learn about the significance of different file formats, such as GIFs, TIFFs, JPEGs, and PSDs, when working with images for the Web or print. Our expert teachers will take the guess work out of this complex program with tips and techniques to help save you time and frustration. Classes are held in 67 MacNider Hall, site of the Faculty Multimedia Development Lab from 12:00 - 1:00pm. To register: <http://www.med.unc.edu/www/events/photoshop1-copy/view>

**April 7<sup>th</sup>**

### **Rat Handling and Techniques**

The IACUC Rat Handling and Techniques class is a hands-on wet lab designed to teach students basic techniques in rat handling. Techniques taught include restraint, simple injections, bleeding techniques, anesthesia, and euthanasia. This course is mandatory for all Laboratory Animal Coordinators in laboratories working with live rats. All UNC rat handlers are welcome to attend. Alternatively, training and certification may be provided through a certified proficient Laboratory Animal Coordinator.

Prerequisites: Research Profile, Lab Worker Form, Animal Handler Form, and IACUC/DLAM on-line orientation ([http://cfx3.research.unc.edu/iacuc\\_reg/](http://cfx3.research.unc.edu/iacuc_reg/)). Held in Glaxo 148 from 10:00 a.m. to 12:00 p.m. To register: [http://cfx.research.unc.edu/res\\_classreg/browse\\_single.cfm?New=1&event\\_id=22457](http://cfx.research.unc.edu/res_classreg/browse_single.cfm?New=1&event_id=22457)

## April 2010 Campus Events and Workshops (Page 2 of 7)

April 8<sup>th</sup>

### **Becoming a Leader: More Than Another Skill in Your Toolbox**

Countless books have been written for senior executives about leadership, but there is little about incorporating leadership skills during the grad school experience. In this presentation by Dave Jensen, Tooling Up columnist and ScienceCareers.org forum moderator, you will learn about the major leadership styles, so that you can identify them in the people you know... Jensen will detail the traits of modern leaders and put them into categories based upon their effectiveness. In this way, you can identify with a style that would work for you as you transition from individual contributor to manager/leader. Open and applicable to all disciplines. Cosponsored by the Graduate School and the Training Initiative for Biological and Biomedical Sciences (TIBBS) program. Held in 1131 Bioinformatics Hall from 10:00-11:30 a.m. To register: [http://cfx.research.unc.edu/res\\_classreg/browse\\_single.cfm?New=1&event\\_id=22482](http://cfx.research.unc.edu/res_classreg/browse_single.cfm?New=1&event_id=22482)

### **Beyond Graduate School: Career Chokepoints or Opportunities to Succeed?**

Graduate students in the life sciences often focus on developing a future academic career, often neglecting those steps they need to take to develop their potential outside that world. In this presentation by Dave Jensen, Tooling Up columnist and Careers Forum Moderator at ScienceCareers.org, you will hear about the steps that he suggests be taken very early on in one's training to establish later options. Most importantly, Jensen will identify the potential chokepoints that exist after graduation and how to set yourself up for success now. Cosponsored by the Graduate School and the Training Initiative for Biological and Biomedical Sciences (TIBBS) program. Held in Bioinformatics 1131 from 2:00-3:30 p.m. To register: [http://cfx.research.unc.edu/res\\_classreg/browse\\_single.cfm?New=1&event\\_id=22483](http://cfx.research.unc.edu/res_classreg/browse_single.cfm?New=1&event_id=22483)

### **Photoshop II: Layers**

In this class, you will learn essential skills that will become the foundation for creating images in Photoshop. Photoshop lets you isolate different parts of an image on layers. Each layer can then be edited independently, allowing tremendous flexibility in creating and revising an image. You'll learn step-by-step how to use the most important Layers features and techniques that will take your skills to a whole new level of efficiency and creativity. Classes are held in 67 MacNider Hall, site of the Faculty Multimedia Development Lab from 12:00 - 1:00pm. To register: <http://www.med.unc.edu/www/events/photoshop2/view>

### **Teaching Portfolios**

Teaching portfolios are becoming increasingly important for marketing teaching credentials for new positions and for promotion and tenure in many schools. In this workshop, you will learn the basic format of a teaching portfolio and develop ideas for your own portfolios. This will be beneficial to you whether you are beginning a job search now or wish to have the information on hand later when you are under consideration for tenure or promotion. As statements of teaching philosophy are increasingly being requested for faculty positions throughout the academy, there will be a particular focus on that topic for this session. Held from 12:30-1:30 p.m. in 219 Davis Library and from 3:30-4:30 pm. in Health Sciences Library, Room 527. To register: [http://www.abcsignup.com/reg/event\\_page.aspx?ek=0052-0006-a5979b820ddc4958a57a1b1d0412bb89](http://www.abcsignup.com/reg/event_page.aspx?ek=0052-0006-a5979b820ddc4958a57a1b1d0412bb89)

April 12<sup>th</sup>

### **Women in Science (WinS) lunch: Navigating a path to building a family and career in science**

For the April meetings there will be an open discussion with your graduate student and postdoctoral fellow colleagues on their experiences building a family and a career in science. Everyone is invited to attend. A light lunch will be provided to those who register. 12:00 to 1:00 in MacNider 133 both days

[Click here to register for the WinS lunch on Monday 4/12](#)

## April 2010 Campus Events and Workshops (Page 3 of 7)

**April 12th**

### **Basic EndNote**

This Basic EndNote class will touch on the fundamental functions of the EndNote software. Building your library, managing your sources, and inserting your citations into your documents will be the focus of what we will cover. This class is structured for new to beginning users. Held in Health Sciences Library, Room 329 from 10:00-11:00 a.m. To register: <http://www.hsl.unc.edu/Services/Classes/classregistration.cfm>

**April 13<sup>th</sup>**

### **Women in Science (WinS) lunch: Navigating a path to building a family and career in science**

For the April meetings there will be an open discussion with your graduate student and postdoctoral fellow colleagues on their experiences building a family and a career in science. Everyone is invited to attend. A light lunch will be provided to those who register. 12:00 to 1:00 in MacNider 133 both days

[Click here to register for the WinS lunch on Tuesday 4/13](#)

### **Photoshop III: Selections**

This class will teach you essential principles of not only how to make and modify selections but why they are so important. You'll learn how to use Photoshop's selection tools to manipulate areas of the image without affecting the entire image. You will also learn how to apply these selections to layers for greater flexibility in editing the image. Understanding the use of selection tools is essential to editing images in Photoshop. Classes are held in 67 MacNider Hall, site of the Faculty Multimedia Development Lab from 12:00 - 1:00pm. To register: <http://www.med.unc.edu/www/events/photoshop3/view>

**April 13<sup>th</sup>**

### **Mouse Handling and Techniques**

The IACUC Mouse Handling and Techniques class is a hands-on wet lab designed to teach students basic techniques in mouse handling. Techniques taught include restraint, simple injections, bleeding techniques, anesthesia, and euthanasia. This course is mandatory for all Laboratory Animal Coordinators in laboratories working with live mice. All UNC mouse handlers are welcome to attend. Alternatively, training and certification may be provided through a certified proficient Laboratory Animal Coordinator. **Prerequisites:** Research Profile, Lab Worker Form, Animal Handler Form, and IACUC/DLAM on-line orientation ([http://cfx3.research.unc.edu/iacuc\\_reg/](http://cfx3.research.unc.edu/iacuc_reg/)). Held in Glaxo 148 from 10:00 a.m. to 12:00 p.m. To register:

[http://cfx.research.unc.edu/res\\_classreg/browse\\_single.cfm?New=1&event\\_id=22460](http://cfx.research.unc.edu/res_classreg/browse_single.cfm?New=1&event_id=22460)

**April 14<sup>th</sup>**

### **Postdoc Alumnus Café**

*Featuring Meredith Burgents, PhD, Oncology Medical Liaison at Eli Lilly & Company and Jennifer Kuhns, PhD, Senior Scientist at BD Technologies.* Former UNC postdocs Meredith and Jennifer will discuss their careers to date and give postdocs advice on how to get their foot in the door for industry jobs. This will be a small, informal discussion over coffee and pastries, so bring your questions! Held in Bioinformatics conference room 2127 from 9:00-10:30 a.m. To register: [http://cfx.research.unc.edu/res\\_classreg/browse\\_single.cfm?New=1&event\\_id=22516](http://cfx.research.unc.edu/res_classreg/browse_single.cfm?New=1&event_id=22516)

## April 2010 Campus Events and Workshops (Page 4 of 7)

### April 15<sup>th</sup>

#### **Translation Medicine Symposium**

The Translational Medicine Symposium, sponsored by a grant from the Howard Hughes Medical Institute and UNC's Graduate Training Program in Translational Medicine will take place on UNC campus on Thursday, April 15th.

Confirmed speakers include:

- Dr. Charles J. Lowenstein – Chief, Medicine and Director, Aab Cardiovascular Research Institute, University of Rochester Medical Center
  - Mary Estes, PhD -Professor, Molecular Virology and Microbiology, and Department of Medicine, Med into Grad Program Director, Baylor College of Medicine
- Dr. Joe Nevins -Director, Institute for Genome Sciences and Policy, Center for Applied Genomics & Technology, Duke University

Other highlights include talks by UNC translational researchers, a poster session highlighting the research of trainees in the Program in Translational Medicine, and an afternoon networking reception to facilitate the exchange of ideas and development of collaborations between basic scientists and clinical researchers. A catered lunch will be served to those who register by April 1st. Held in MBRB G202 and MBRB atrium from 9:00 a.m. to 5:30 p.m. To register: [http://cfx.research.unc.edu/res\\_classreg/browse\\_single.cfm?New=1&event\\_id=22381](http://cfx.research.unc.edu/res_classreg/browse_single.cfm?New=1&event_id=22381)

#### **Building an EndNote Library**

The class covers creating a library, setting basic preferences, and the four ways of entering data: 1) manual data entry (so that users know how all the special fields work), 2) online search, 3) direct export, and 4) importing text files. Taught by the visiting trainer from EndNote. Held in Health Sciences Library, Room 329 from 9:11-11:11 a.m. To register: <http://www.hsl.unc.edu/Services/Classes/classregistration.cfm>

#### **EndNote Cite While You Write**

This class covers using EndNote's Cite While You Write commands in Word documents. Taught by the visiting EndNote trainer. Held in Health Sciences Library, Room 329 from 1:00-2:30 p.m. To register: <http://www.hsl.unc.edu/Services/Classes/classregistration.cfm>

#### **Photoshop IV: Masks**

In this class you will learn the advanced skill of masking. Using layer masks you can nondestructively conceal parts of an image or an adjustment made to an image. With masks you can also isolate and manipulate specific parts of an image. Masks are convenient in that they can be edited repeatedly without permanently affecting the underlying image. Masks are a key component to creating photo collages. Classes are held in 67 MacNider Hall, site of the Faculty Multimedia Development Lab from 12:00 – 1:00pm. To register: <http://www.med.unc.edu/www/events/photoshop4/view>

### April 19<sup>th</sup>

#### **Advanced RefWorks**

The Advanced RefWorks class is designed for users with some RefWorks experience. We will review how to import references most efficiently, using Write N Cite, and some more advanced features such as finding full-text and editing output styles. Please bring your questions to the class or email us what you want to be covered. Held in Health Sciences Library, Room 307 from 12:00-1:00 p.m. To register: <http://www.hsl.unc.edu/Services/Classes/classregistration.cfm>

## April 2010 Campus Events and Workshops (Page 5 of 7)

**April 20th**

### **Photoshop V: Creating Web Graphics**

In the final installment of our Photoshop classes, you will learn to create images for use on the Web. This course will familiarize you with concepts and techniques required to optimize images for display on the internet. You will also learn about several graphic formats that are appropriate for Web images, and how to choose the best one for output. Classes are held in 67 MacNider Hall, site of the Faculty Multimedia Development Lab from 12:00 – 1:00pm. To register: <http://www.med.unc.edu/www/events/photoshop5/view>

**April 21<sup>st</sup>**

### **Informational Lunch for 1st and 2nd year students interested in the Program in Translational Medicine**

The Program in Translational Medicine is a Howard Hughes-funded certificate program for UNC graduate students who are engaged in clinically-relevant bench research projects and want additional training and exposure to clinical research. Applications will be accepted from students entering their 1st or 2nd year, and the deadline for 2010 is June 30th. Come to this session to learn about the program and the application requirements from program leadership and current trainees. You can learn more at the program website <http://www.med.unc.edu/transmed>. Session will be from 12:00 to 1:00 in Bondurant G100

[Click here to register for the Informational Luncheon on 4/21](#)

### **Proper Source Documentation (All Levels)**

The old adage "If it wasn't written down, it didn't happen" carries significance in clinical research. Source documentation not only proves that your subject exists; it is also the proof that the trial was run in compliance with the protocol and contains the data that the FDA will review during the drug approval process. Therefore, it is imperative that source documentation is accurate and complete. At this workshop, we will discuss good source documentation techniques and offer examples of both good and bad source documentation practices. Sponsored by the Office of Clinical Trials. Held in Bioinformatics 1131 from 1:30-3:30 p.m. To register: [http://cfx.research.unc.edu/res\\_classreg/browse\\_single.cfm?New=1&event\\_id=22434](http://cfx.research.unc.edu/res_classreg/browse_single.cfm?New=1&event_id=22434)

**April 22<sup>nd</sup>**

### **Aseptic Techniques**

The IACUC Aseptic Techniques class is a hands-on wet lab designed to teach students how to maintain a sterile field during survival rodent surgery. This course is mandatory for all Laboratory Animal Coordinators in laboratories performing sterile rodent surgery. All UNC rodent users who will be performing sterile survival surgeries are encouraged to attend. Alternatively, training and certification may be provided through a certified proficient Laboratory Animal Coordinator.

**Prerequisites:** Research Profile, Lab Worker Form, Animal Handler Form, and IACUC/DLAM on-line orientation ([http://cfx3.research.unc.edu/iacuc\\_reg/](http://cfx3.research.unc.edu/iacuc_reg/)).

Held in Glaxo 148 from 10:00 a.m. to 12:00 p.m. To register: [http://cfx.research.unc.edu/res\\_classreg/browse\\_single.cfm?New=1&event\\_id=22461](http://cfx.research.unc.edu/res_classreg/browse_single.cfm?New=1&event_id=22461)

## April 2010 Campus Events and Workshops (Page 6 of 7)

**April 22nd**

### **Advanced EndNote**

This class is designed as a hands-on workshop for users with some EndNote experience. We will review how to import references most efficiently, using the "Cite While You Write" feature, and some more advanced features such as finding full-text and editing output styles. Please bring your questions. Held in Health Sciences Library Room 329 from 10:00-11:00 a.m. To register: <http://www.hsl.unc.edu/Services/Classes/classregistration.cfm>

**April 23rd**

### **Graduate Funding: Sciences and Health Sciences**

Get a jump start on proposal writing for graduate funding! This half-day workshop will provide an introduction to the library's resources, strategies for conducting funding searches, effective writing strategies and insight into literature reviews. The workshop includes a panel discussion with students and faculty who have experience with writing for funding at the graduate level as well as tips from funding review committees. Participants will leave the workshop with important resources and an action plan for developing fundable proposals. Please bring a laptop computer so that you can navigate through the workshop's activities. The Graduate Student Center has wireless access to the UNC-1 system. Co-sponsored by the Graduate School, the Writing Center, GrantSource Library and the University Libraries. Held at the Graduate Student Center, 211A West Cameron Ave. from 9:00 a.m. to 12:00 p.m. To register: [http://cfx.research.unc.edu/res\\_classreg/browse\\_single.cfm?New=1&event\\_id=22502](http://cfx.research.unc.edu/res_classreg/browse_single.cfm?New=1&event_id=22502)

**April 26th**

### **Transitioning to Microsoft Office 2007**

Microsoft's Office suite just got an upgrade. In this workshop we'll learn how to navigate the Office 2007 workspace in Word, Excel, and PowerPoint. We'll explore features such as the ribbon, tabs, and context-sensitivity. Topics covered include saving in old .doc/.xls/.ppt formats; inserting pictures in Word; creating tables in Excel; and creating basic PowerPoint presentations. Class time will also be devoted to answering your specific questions. This class will end the desperate hunt for your favorite buttons!

Classes are held in 67 MacNider Hall, site of the Faculty Multimedia Development Lab from 12:00 - 1:00 pm. To register: [http://www.med.unc.edu/www/events/copy\\_of\\_office2007/view](http://www.med.unc.edu/www/events/copy_of_office2007/view)

**April 27th**

### **Mandatory Breeding Policy Lecture**

This course is mandatory for all Principal Investigators, Laboratory Animal Coordinators and mouse handlers with breeding colonies at UNC. The one hour lecture reviews the Institutional policy concerning cage population densities, housing and breeding mice. Held from 11:00 - 12:00 in 148 Glaxo. To register: [http://cfx.research.unc.edu/res\\_classreg/browse\\_single.cfm?New=1&event\\_id=22463](http://cfx.research.unc.edu/res_classreg/browse_single.cfm?New=1&event_id=22463)

## April 2010 Campus Events and Workshops (Page 7 of 7)

**April 28<sup>th</sup>**

### **PowerPoint: Tips & Techniques**

You know the basics of creating a PowerPoint presentation, but now you'd like to take your presentations to a new level. In this workshop you'll learn more advanced techniques to enhance your PowerPoint presentations. Topics covered include drawing tools, slide animations, headers and footers, slide masters, automated presentations, and more. Class time will also be devoted to answering your specific questions. After attending this workshop, you'll no longer have to ask yourself "How did they get their presentation to do that?" Classes are held in 67 MacNider Hall, site of the Faculty Multimedia Development Lab from 12:00 – 1:00pm. To register: <http://www.med.unc.edu/www/events/ppt/view>

**April 29<sup>th</sup>**

### **Mouse Handling and Techniques**

The IACUC Mouse Handling and Techniques class is a hands-on wet lab designed to teach students basic techniques in mouse handling. Techniques taught include restraint, simple injections, bleeding techniques, anesthesia, and euthanasia. This course is mandatory for all Laboratory Animal Coordinators in laboratories working with live mice. All UNC mouse handlers are welcome to attend. Alternatively, training and certification may be provided through a certified proficient Laboratory Animal Coordinator. **Prerequisites:** Research Profile, Lab Worker Form, Animal Handler Form, and IACUC/DLAM on-line orientation ([http://cfx3.research.unc.edu/iacuc\\_reg/](http://cfx3.research.unc.edu/iacuc_reg/)). Held in Glaxo 148 from 10:00 a.m. to 12:00 p.m. To register: [http://cfx.research.unc.edu/res\\_classreg/browse\\_single.cfm?New=1&event\\_id=22464](http://cfx.research.unc.edu/res_classreg/browse_single.cfm?New=1&event_id=22464)