Dave Jensen, regular contributor to Science Careers website, coming to UNC in April

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?". Click on the workshop titles for details and to register or see page 2 for more information.

Jensen is a sought after keynote speaker, an expert on the biotechnology industry, and founder and President of CareerTrax Inc a biotechnology executive search firm. You can read his full bio here. We're very fortunate to have someone of his caliber and reputation on campus. Don't miss the opportunity to hear him speak and learn from his experience preparing young professionals for jobs in the real world!

UNC’s “Future Faculty Program” now accepting applications

The Future Faculty Fellowship Program (FFFP) is a 5-day, intensive, interdisciplinary program for senior-level graduate students interested in improving their teaching skills. Conducted by the Center for Faculty Excellence (CFE), the FFFP is designed to improve the instructional planning and teaching skills of graduate students who are teaching undergraduate courses at UNC-Chapel Hill or who plan to pursue academic teaching careers after graduation.

The Spring 2010 FFFP will be May 12-14 and 17-18. To apply for the program, graduate students should visit the CFE website: http://cfe.unc.edu/teaching/fffp/index.html. The deadline for submission of applications and faculty recommendation letters is March 17, 2010. The FFFP will be repeated in August with an application deadline in mid-May.
Upcoming TIBBS-Sponsored Events

Friday 3/12  12:00 to 1:00 in Bioinformatics 1131
How researchers and clinicians are collaborating at UNC to address unmet needs in breast cancer care. Presenters: Dr. Chuck Perou and Dr. Lisa Carey
Dr. Perou and Dr. Carey will talk about their ongoing collaboration at UNC to improve the molecular characterization of breast cancer subtypes with the goal of optimizing treatment options for women diagnosed with breast cancer. Lunch will be provided to those who register.

Friday 3/26 9:00 to 5:00 in Stone Center on UNC campus
TIBBS Postdoc Boot Camp
Questions about a postdoc? Then this event is for you! The TIBBS Postdoc Boot Camp is a day long event that will prepare you to identify, apply for, and EXCEL in your postdoc training. To register send a half page cover letter of interest and a CV to pdb@unc.edu by Friday March 12th. All applicants will receive feedback on their CV from faculty and TIBBS staff. More details on page 3.

Highlights:
- Dr. Linda Harris—keynote speaker.
- “From the trenches” - postdoc panel
- “The ideal candidate” - faculty panel,
- “Know before you go” workshop
- Interviewing tips workshop
- Postdoc funding workshop
- Catered lunch and afternoon networking reception.

Thursday 4/1 12:00 on the MBRB lawn
TIBBS Social—Spring egg hunt
Tons of candy, hidden prizes, and fun with your friends. 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

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
Sponsored by UNC’s Program in Translational Medicine
Register here
Thinking about a postdoc? Get answers at the...

**TIBBS POSTDOC BOOTCAMP**

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**When?**
Friday, March 26th,
8:30 am to 4:30 pm

**Where?**
Stone Center,
UNC campus

**How do I register?**
Senior grad students should submit a half page cover letter of interest and their CV to pdb@unc.edu by Friday, March 12th. All participants will get feedback on their CVs from faculty and TIBBS staff.

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**Agenda at a Glance**

- **Keynote address** by Linda Harris, PhD, Associate Director of Academic Programs at St. Jude Children’s Research Hospital.
- **Postdoc Panel** – How we got here, what we’ve learned, & what we’d do differently.
  - Panelists from UNC, NIEHS, Duke, and the biotech industry
- **Faculty Panel** – What we look for when hiring postdocs, and tips for applying.
  - PIs from NIEHS, UNC, Duke, and the Hamner Institute
- **Workshops:**
  - Your academic postdoc as a stepping stone for a non-academic career
  - Demystifying postdoctoral funding opportunities. Learn about K99, NRSA, NSF, AHA, and other postdoctoral fellowships
  - Mock interview and tips for the postdoc interview process
  - “Know before you go” – a discussion about postdoc offices, benefits, and avoiding common mistakes.
  - Led by directors of the UNC, Duke & NIEHS postdoc offices
- **Networking reception** with regional postdoc employer representatives including
  - North Carolina Biotech Center
  - Duke, NIEHS, UNC
  - SPIRE teaching postdoc
  - National Postdoctoral Association
GRADUATE STUDENTS, PROFESSIONAL STUDENTS AND POST DOCS:

GREAT OPPORTUNITY FOR EDUCATIONAL OUTREACH!

NORTH CAROLINA DNA DAY
APRIL 23, 2010

VOLUNTEER AT AN NC HIGH SCHOOL

PRESENT SCIENTIFIC TOPICS AND INTRODUCE STUDENTS TO SCIENTIFIC RESEARCH AND CAREERS!

FIND OUT MORE INFORMATION AND PLEASE SIGN UP TO VOLUNTEER:

NCDNADAY.ORG
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, University of Rochester Medical Center

Title: Nitric oxide and vascular inflammation

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

Title: Molecular biology of gastrointestinal viruses

Joseph Navins, PhD
Director, Center for Applied Genomics & Technology, Duke University

Title: Genomic Strategies 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

or contact Patrick Brandt at pdb@unc.edu

Sponsored by HHMI and the UNC Program in Translational Medicine
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.

**Active Learning in Secondary and College Science Classrooms** by Harold I. Modell and Joel A. Michael

The working model for "helping the learner to learn" presented in this book is relevant to any teaching context, but the focus here is on teaching in secondary and college science classrooms.

Specifically, the goals of the text are to:
- help secondary- and college-level science faculty examine and redefine their roles in the classroom;
- define for science teachers a framework for thinking about active learning and the creation of an active learning environment; and
- provide them with the assistance they need to begin building successful active learning environments in their classrooms.

The premise of this book is that active learning offers a highly effective approach to meeting the mandate for increased student knowledge, skills, and performance. It is a valuable resource for all teacher trainers in science education and high school and college science teachers.

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 or 843-8291) to be sure the book is available.
Josh’s first official science experiment was as a high school student in the mountains of rural Virginia. For a school science fair, he examined whether various vegetables and herbs could kill bacteria (onions and garlic!). He still had little career direction in life, other than a general interest in science and math. Despite this initial rub with biological research, the only biological career path he was aware of was becoming a medical doctor (and he never liked hospitals).

As an undergraduate at the College of William and Mary, he became interested in how microorganisms cause disease and was introduced to the wonders of laboratory research by his first research mentor, Dr. Mark Forsyth. He studies how the human stomach pathogen, *Helicobacter pylori*, is able to sense its environment and adapt to colonize a human host. Josh completed his BS in Biology in 2002 and set his sites on graduate school.

These early research experiences motivated Josh to continue fostering his development as a scientist, so he enrolled in the IBMS program (precursor to BBSP) at UNC Chapel Hill. Josh completed his PhD in the Microbiology and Immunology Department under the direction of Dr. Tom Kawula. There he became interested in how bacterial pathogens interact with host cells during pathogenesis. Specifically, he studied the interaction of *Francisella tularensis* with cells of the lung. (A bi-product of his training was the discovery that fluorescence microscopy and flow cytometry are really cool!)

While Josh maintained a passion for scientific research, he remembered the formative experiences during his days as an undergraduate researcher and the benefits of research as an educational vehicle. Therefore, Josh joined the SPIRE Postdoctoral Training program at UNC where he could cultivate his interest in teaching as well as strengthen his skills as a researcher.

As a Postdoctoral Fellow, Josh became intrigued with using model systems to learn about virulence mechanisms of bacteria that cause disease in humans. In the lab of Dr. Virginia Miller, using the budding yeast, *Saccharomyces cerevisiae*, Josh studied the function of proteins secreted by the intestinal pathogen, *Yersinia enterocolitica*. Further studies examining the role of protein secretion in *Yersinia* were conducted using *Drosophila* (fruit fly) cells.

In 2010, Josh was presented with the opportunity to use his skills and knowledge about scientific research in a very different way. Josh joined the Training Initiatives and Minority Affairs (TIMA) office as Associate Director of Pre-Graduate Programs and Science Outreach. Currently, Josh is directing an NIH-funded Post-baccalaureate training program called UNC PREP (UP). UP Scholars spend a year at UNC gaining and strengthening skills needed for entry into top Biomedical PhD programs.

In addition, Josh is organizing various Science Outreach initiatives that take the cutting-edge research of the UNC community out to our broader community through building relationships with local K-12 schools. He is involved in the leadership of ongoing programs, such as NC DNA Day, as well as the development of new programs such as a summer workshop for at-risk high school students. This workshop will expose students to research concepts and ideas using Zebrafish as a model system.

In many ways, Josh’s position in TIMA is a culmination of his interests, experiences, and skills. Josh is thrilled about his role in teaching, inspiring, and empowering the next generation of scientists!
February 2010 Seminars (page 1 of 4)

March 2nd
Folding Landscape from Single Molecule Force Spectroscopy
Presented by Dave Thirumalai from The University of Maryland as part of the Biochemistry & Biophysics Seminar Series held from 11:00 am to 12:00 pm in Bioinformatics 1131.

Regulation and Dynamics of Endocytic Vesicle Formation
Presented by Dr. Sandra Lemmon from The University of Miami as part of the Biology Department Seminar Series held at 4:00 pm in 201 Coker Hall.

The mechanisms of persistent HIV infection
Presented by Davaid Margolis, MD Microbiology and Immunology UNC Chapel Hill held 9:30 in 1131 Bioinformatics.

Impact of Cancer on Health Related Quality of Life of Older Americans: the SEER-MHOS Research Program
Presented by Bryce B. Reeve, PhD, UCRF Faculty Candidate NCI/NIH held at 11:00am in the Blue Cross Blue Shield Auditorium, Hooker Research Building

Hermansky Pudlak Syndrome (HPS)
Presented by Dr. Pedro Santiago as part of the Thrombosis & Hemostasis lecture series held from 11:00 am to 12:00 pm in the Pagano Conference Room, LCCC.

Progress Toward the Rational and Modular Design of Small Molecules Targeting RNA
Presented by Matthew D. Disney, Asst. Prof., University at Buffalo, SUNY held at 12:00 PM in Chapman 125.

Metabolism and Apoptosis
Presented by Dr. Sally KornbluthDuke University Medical Center held at 12:00 pm in 124 Taylor Hall.

March 4th
Regulating Neuronal Differentiation in the Developing Nervous System
Presented by Shan Sockanathan, PhD Associate Professor, Neuroscience, Johns Hopkins held at 12:30 pm in Bioinformatics 1131.
How telomeres protect chromosome ends from engaging the DNA damage response  
Presented by Sandy Chang, MD, PhD Anderson Cancer Center held at 4:00 pm in Joseph S. Pagano Conference Room, UNC Lineberger Cancer Center.

Mixed-Effect Hybrid Models for Longitudinal Data with Nonignorable Dropout  
Presented by Ying Yuan, PhD University of Texas, MD Anderson Cancer Center. Held at 11:00 am in the Hooker Building.

March 5th  
Detoxification Mechanisms, Insulin-like Signaling, and Aging in C. elegans  
Presented by Keith Blackwell, MD, PhD Director, Developmental & Stem Cell Biology ~ Joslin Diabetes Center Harvard Stem Cell Institute as part of the GMB FRIDAY SEMINARS. Held at 12:00 noon in G100 Bondurant Hall.

March 8th  
Clinician-Patient Communication Training: A Focus on Difficult Conversations  
Presented by Dr. Steve Epstein from Georgetown University, held at 4:00 pm in NC Cancer Hospital, Patient Family Resource Center Conference Room.

March 9th  
Stimulations of Protein Folding in the Cellular Milieu  
Presented by Dr. Shea, who received her B.Sc. in Chemistry from McGill University in Quebec in 1992 and her Ph.D. in physical chemistry from MIT in 1997. She pursued her postdoctoral studies at the Scripps Research Institute. After a year as an assistant professor of chemistry at the University of Chicago, Dr. Shea joined the faculty at UCSB in 2001. Presented as part of the Biochemistry & Biophysics Seminar Series from 11:00 am to 12:00 pm in Bioinformatics 1131.

Super-sized Hearts: Molecules and Mechanisms  
Presented by Christine E. Seidman, M.D. T.W. Smith Professor of Medicine & Genetics, Director, Brigham & Women's Cardiovascular Genetics Center, Harvard Medical School as part of the Annual Gottschalk Lecture from 4:00 pm to 5:00 pm in G202 MBRB.

Cellular immunity in chronic hepatitis C: Can a failed response be rescued?  
Presented by Christopher M. Walker, PhD from Ohio State University held at 9:30 am in 1131 Bioinformatics.

Therapeutic implications of the molecular portraits of breast cancer  
Presented by Charles M. Perou, PhD UNC Chapel Hill at 4:00 pm in 1131 Bioinformatics.

March 11th  
Signaling Between Synapse and Nucleus During Neuronal Plasticity  
Presented by Kelsey Martin, MD, PhD Professor, Psychiatry and Biological Chemistry at UCLA as part of the neuroscience Thursday seminar series held at 12:30 in 1131 Bioinformatics.

March 15th  
The Many Facets of CNS Viral Vector Gene Transfer  
Presented by Thomas McCown, Ph.D., Professor, UNC Department of Psychiatry and Bowles Center for Alcohol Studies as part of the Bowles Center for Alcohol Studies Seminar held from 12:30 pm to 01:30 pm in 124 Taylor Hall.
March 16th
Characterization of the gut microbiome’s role in regulation host gene expression and metabolism in the mammalian colon
Presented by Scott Bultman, UNC Genetics, as part of the Biochemistry & Biophysics Seminar Series held from 11:00 am to 12:00 pm in MBRB G202.

Ethanol Regulation of GABA-A Receptor Trafficking Involves a Competition Between Kinases
Presented by Leslie A. Morrow from 5:00 – 7:00 in Duke - 101L Bryan Res. Bldg.

Herpesvirus assembly, intracellular transport and neuroinvasion
Presented by Greg Smith, PhD Northwestern University Medical School held at 9:30 am in 1131 Bioinformatics.

Stars, Whiskers, and Tentacles - Sensory Specializations and Behaviors in Some Rare Predators
Presented by Dr. Ken Catania Vanderbilty University held at 4:00 pm in 201 Coker Hall.

March 17th
Systems Biology Eats Synthetic Biology
Presented by Andy Ellington, Professor, University of Texas, Austin held at 12:00 PM in Chapman 125.

March 18th
"Chemical Genetic Solution for Cell-Ype Specific Control of Cellular Signaling"
Presented by Bryan Roth, MD, PhD Professor, Pharmacology, UNC as part of the Neuroscience Thursday Seminar Series held at 12:30 in 1131 Bioinformatics.

March 19th
Translational Research to Address Health Disparities Across the Lifespan
The NC TraCS Community Engagement Core is sponsoring a day-long symposium in March 2010 to speak to translational research as a means to address health disparities across the lifespan. Intended to increase awareness and stimulate interest, the symposium will inform health practice and provide the audience with a better understanding of translational research held from 8:00 am to 04:30 pm in The William and Ida Friday Center for Continuing Education.

Systems Approaches to Understanding Circadian Transcriptional Networks
Presented by Steve Kay, PhD Professor and Richard C. Atkinson Chair in the Biological Sciences UC San Diego as part of the Jeffrey L. Houpt Lectures in Genome Sciences series held from 12:00 pm to 01:00 pm in G100 Bondurant.

March 23rd
Dissecting complex biological systems from signaling to epigenetic regulation by using quantitative proteomics
Presented by Xian Chen, PhD from Penn State University and UNC Biochemistry & Biophysics Associate Professor as part of the Biochemistry & Biophysics Seminar Series held from 11:00 am to 12:00 pm in Bioinformatics 1131.

Crippling Cardiovascular Disease with Kruppels
Presented by Mukesh Jain, MD Ellery Sedgwick Jr. Chair and Distinguished Scientist University Hospitals Case Medical Center Director, Case Cardiovascular Research Institute Case Western Reserve University held from 2:45 pm to 3:45 pm in G202 MBRB.
February 2010 Seminars (page 4 of 4)

March 25th
Making Cortex in a Dish: From Stem Cells to Neuronal Networks
Presented by Pierre Vanderhaeghen, MD, PhD Senior Scientist, FRS/FNRS, IRIBHM- Universite Libre de Bruxelles, Belgium as part of the Neuroscience Thursday Seminar Series held at 12:30 in 1131 Bioinformatics.

March 26th
Genetic Modifiers of Hemostasis in Humans: Von Willebrand Disease
Presented by Dr. Jorge DiPaola as part of the Thrombosis & Hemostasis lecture series held from 11:00 am to 12:00 pm in the Pagano conference room, LCCC.

Cycling without cyclins: a transcription network oscillator
Presented by Steve Haase, PhD Assistant Professor of Biology at Duke University as part of the GMB Friday Seminars held at 12 noon in G202 MBRB

March 30th
Prediction of Protein Structure: Tackling an under-determined, manydimensional problem
Presented by David Shortle from John Hopkins University, Professor Department of Biological Chemistry School of Medicine as part of the Biochemistry & Biophysics Seminar Series held from 11:00 am to 12:00 pm in Bioinformatics 1131.

Genetic Mechanisms of Ecological Speciation
Presented by Dr. Sara Via University of Maryland held at 4:00 pm in 201 Coker Hall.
February 2010 Campus Events and Workshops (Page 1 of 6)

March 2\(^{nd}\)

Leading Discussion
In order for discussions to be an efficient use of class time, they must be conducted with clear goals and a solid plan for achieving those goals. Participants in this workshop will explore the design of effective discussions, including increasing student participation, posing questions of increasing complexity, and using reflection to promote deeper exploration into the topics being discussed. Held from 2:00-3:00 in Davis Library in Room 219. To register: http://www.abcsignup.com/reg/event_page.aspx?ek=0052-0006-08201cb568f443879743172823b38285

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/view

March 3\(^{rd}\)

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/). Held from 10:00 – 12:00 in 148 Glaxo. To register: http://cfx.research.unc.edu/res_classreg/browse_single.cfm?New=1&event_id=22253

March 4\(^{th}\)

Structuring Course Activities to Facilitate Student Assessment and Evaluation
Every course that you teach should begin with a clear understanding of what you expect the students to accomplish as a result of being in your course. This understanding will help you to determine the outcomes that you want to see in the students as a result of instruction. Once you have determined these outcomes, you can select the activities and core criteria for performance. This session is designed to provide a step by step process to accomplish this seamless design of instruction and assessment/evaluation. Co-sponsored by the Center for Faculty Excellence and the Graduate School. Held from 9:00 – 10:30 in the Graduate Student Center. To register: http://cfx.research.unc.edu/res_classreg/browse_single.cfm?New=1&event_id=22403

Postdoc Alumnus Café
Eric Ganko was a postdoc at UNC from 2004-2008. He is now a Computational Biologist at Syngenta Biotechnology, a research position where he balances his time between project meetings, working with sequence data for the various projects, and advising bench-based researchers on smaller data analysis and computational issues. Eric will discuss his career 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 from 10:30-11:30 in Bioinformatics Bldg, conference room 2127. To register: http://cfx.research.unc.edu/res_classreg/browse_single.cfm?New=1&event_id=22446
"NC BioStart – Accelerating Technology Development at UNC Chapel Hill and Beyond"
UNC’s new NC BioStart program was established to increase the commercialization of intellectual property developed by our public universities in North Carolina, beginning in the first year at UNC and eventually including all UNC system schools. The program was started by the School of Medicine to meet the goals of its Clinical Translational Science Award, in partnership with the Office of Technology Development and the Kenan-Flagler Business School. Held from 5:30 - 6:30 pm. Sitterson Hall, Room 014. To register:

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 – 1:00 pm. To register: http://www.med.unc.edu/www/events/photoshop2-copy/view

March 8th
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-copy/view

March 9th
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-copy/view

March 10th
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. Held from 10:00-12:00 in 148 Glaxo. To register: http://cfx.research.unc.edu/res_classreg/browse_single.cfm?New=1&event_id=22254
Introduction to Good Clinical Practices (Beginner)
This session is for the new coordinator who desires to do their job better by grasping a deeper understanding of the regulations. This Good Clinical Practice workshop will provide a comprehensive review of the principles of the ICH Good Clinical Practice Guidelines as they apply to the conduct of clinical trials. The workshop is specifically targeted for those who actively work on clinical trials in a hand-on role as a clinical research coordinator. The concepts in this workshop focus on the history of clinical trials, application of the regulations to practice, and specific techniques that will help in conducting clinical trials according to Good Clinical Practice including adequate source documentation and adverse event reporting. Held from 1:30-3:30 in 1131 Bioinformatics Building. To register: http://cfx.research.unc.edu/res_classreg/browse_single.cfm?New=1&event_id=22431

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/office2007/view

March 11th
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 9:00 – 10:30 in the Graduate Student Center. To register: http://cfx.research.unc.edu/res_classreg/browse_single.cfm?New=1&event_id=22404

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 – 1:00 pm. To register: http://www.med.unc.edu/www/events/photoshop4-copy/view

March 12th
How researchers and clinicians are collaborating to address unmet needs in breast cancer research.
Chuck Perou, PhD, and Lisa Carey, MD, will talk about their ongoing collaboration at UNC to improve the molecular characterization of breast cancer subtypes with the goal of optimizing treatment options for women diagnosed with breast cancer. Lunch will be provided to those who register.
March 15th

Sixth Annual University Research Day symposium and luncheon
University Research Day is an opportunity for students, postdoctoral fellows, faculty and staff from all disciplines to share their research with the campus community. Cash prizes are awarded for the best student and faculty/staff/postdoc poster and paper presentations in the humanities, social sciences, life sciences, and physical sciences. All participants are invited to a luncheon celebrating their contributions to the University’s academic climate and an awards reception at the conclusion of the event.
Presentations that have already been delivered at professional conferences are welcome, and presenters need not be the first author. For additional details or to submit an abstract, please see http://gpsf.unc.edu/urd/.
Please note that the abstract deadline is March 3rd.

March 16th

Leading Discussion
In order for discussions to be an efficient use of class time, they must be conducted with clear goals and a solid plan for achieving those goals. Effective discussions can increase students’ retention skills, help students connect class concepts with previous experiences or with global issues, and enable students to achieve higher-order learning objectives. Participants in this workshop will explore the design of effective discussions, including increasing student participation, posing questions of increasing complexity, and using reflection to promote deeper exploration into the topics being discussed. Held from 2:00-3:00 in Health Sciences Library, Room 527. To register: http://www.abcsignup.com/reg/event_page.aspx?ek=0052-0006-288d9a526c19437c9c8226f5931f41b5

Identifying Funding Sources for Graduate Research and Study
The workshops include:
- Fundamentals of graduate funding
- Tips for researching funding opportunities
Hands-on instruction in the best use of online funding resources including the COS funding database and customizable alert service. Held from 2:30 to 4 pm in the Health Sciences Library room 307. For more information: http://research.unc.edu/grantsource/workshops_help.php

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-copy/view
March 17th
Aseptic Surgical Techniques
The IACUC Aseptic Surgical 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 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/). Held from 10:00 – 12:00 on 148 Glaxo. To register: http://cfx.research.unc.edu/res_classreg/browse_single.cfm?New=1&event_id=22255

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 from 1:00pm to 2:00pm in the HSL room 329. To register: http://www.hsl.unc.edu/Services/Classes/classregistration.cfm

March 24th
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=22257

Fundamentals of Clinical Trial Contracts
Contracts for clinical trials contain language that dictates not only how the trial is to be conducted but also contains clauses that describe the legal obligations of the Principal Investigator and the study team. Learn how to read a clinical trial agreement and how to identify your obligations. Held from 1:30-3:30 in 1131 Bioinformatics Bldg. To register: http://cfx.research.unc.edu/res_classreg/browse_single.cfm?New=1&event_id=22432

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. 14 seats available. Held from 1:00pm to 2:30pm in the HSL room 307. To register: http://www.hsl.unc.edu/Services/Classes/classregistration.cfm

March 25th
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 from 1:00pm to 2:00pm in the HSL room 329. To register: http://www.hsl.unc.edu/Services/Classes/classregistration.cfm
March 26th
TIBBS Postdoc Boot Camp
TIBBS will host a day long Postdoc Boot Camp in March. The event is intended for senior graduate students who are getting ready to apply for postdoctoral training positions in academia or industry. There will be a keynote address by Dr. Linda Harris, faculty and postdoc panels, workshops on postdoctoral funding and how to use your postdoc as a stepping stone, a mock postdoc interview and interviewing tips, and a networking reception with local and regional postdoctoral employers in academia, government, and industry.
To register send a half page cover letter of interest and a CV to Patrick Brandt (pdb@unc.edu) by Friday March 12th. All applicants will receive feedback on their CV from faculty and TIBBS staff. More details on page 3.