

THE TIBBS TIMES

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

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Announcing TIBBS Postdoc Boot Camp

TIBBS will host a day long Postdoc Boot Camp in March 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, a faculty panel with advice about how and when to contact potential postdoc mentors, 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.

If you would like to be included in future emails giving more information about the agenda, the application procedure, the exact date and time, the list of confirmed postdoc employers and representatives, etc, [please pre-register your interest by clicking here.](#)

New Grad Funding Database on TIBBS Website

A new continuously updated funding database tailored to the needs and eligibility of UNC graduate students is now [online at the TIBBS website](#). You can browse predoctoral fellowships and funding opportunities in the following categories:

[Funding opportunities for all graduate students](#)

[Funding opportunities specifically for under-represented minorities and women](#)

[Funding opportunities for international students](#)

Each list is populated every time the link is clicked so it may take a moment to load. Due to limitations in the search service, the list can not be sorted by relevance or application deadline, so be sure to browse to the end of the list.



Interview with Tech Transfer Professional

Most graduate students have heard of small biotech start-ups that "spin off" of a faculty member's research. In recent years UNC professors have spawned more than 30 such companies. But how do these academic professors learn to start and manage a company, license their ideas, and introduce products onto the market? The answer is they get a lot of help from the [Office of Technology Development \(OTD\) at UNC](#). This interview with Kelly Sivertson Parsons, PhD, a Technology Development Associate in the OTD will shed some light on how a one-time bench researcher such as yourself is now applying her scientific understanding to the business of science.



[Click here to read the interview on Patrick's blog.](#)

TIBBS-Sponsored Events in January

Friday 1/8 12:00 to 1:00. Bioinformatics 1131

How researchers and clinicians are collaborating at UNC to address unmet needs in cystic fibrosis care

Dr. Ric Boucher, MD, and Dr. Matt Wolfgang, PhD, will talk about their ongoing collaboration in the UNC Cystic Fibrosis Center to better understand the causes of CF and to develop new treatment options. Sponsored by the Program in Translational Medicine.

[Lunch will be provided to those who register](#)



Friday 1/29 12:00.

Monthly TIBBS Social – Welcoming the Chinese New Year

Come ring in the year of the tiger with your fellow grad students as you enjoy some delicious hot Chinese food.

No registration is necessary, but please bring your OneCard to be served



Thursday 1/21 12:00 to 1:00 in NRB 3118

Lunch with a Regulatory Toxicologist from Bayer Crop Science

Dr. Joseph Breier, a regulatory toxicologist employed by Bayer Crop Science in RTP, will share lunch with any interested graduate students and postdocs to talk about what he does at Bayer and how he got his job there. Dr. Breier's research efforts focus on understanding the toxicity of various pesticides being developed at Bayer.

[Click here to register](#)

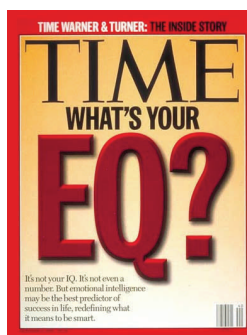
Tuesday 1/26 2:30 to 4:00pm in Bondurant G100

Emotional Intelligence: A Different Type of Intellect

Everyone has heard of "IQ" but have you heard of "EQ"...do you know yours? Find out more about the "Emotional Quotient" and how knowing more about your emotional intelligence can help you be a better mentor, a better leader, and a better friend. Specifically, participants will:

- Discover what emotional intelligence means and how to define it
- Learn about the different realms and domains of emotional intelligence
- Take part in interactive exercises that will help you learn more about different aspects of emotional intelligence
- Set personal goals for strengthening and improving your emotional intelligence

[Click here to register](#)



BURROUGHS
WELLCOME
FUND 

The BWF commissioned 3 books of value to early career scientists. The books can be viewed or downloaded FREE from the following links:

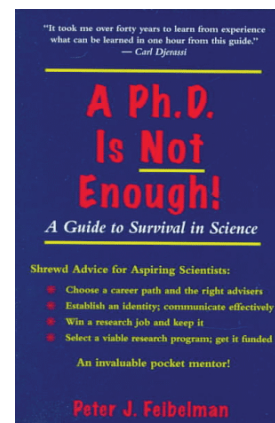
- [Staffing the lab](#)
- [Communicating Science](#)
- [Managing Career Transitions](#)

TIBBS Professional Development Library Book Reviews

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.

A PhD Is Not Enough: A Guide To Survival In Science by Peter J. Feibelman

This exceptional volume explains what stands between you and fulfilling long-term research career. Bringing the key survival skills into focus, A Ph.D. Is Not Enough! proposes a rational approach to establishing yourself as a scientist. It offers sound advice of selecting a thesis or postdoctoral adviser, choosing among research jobs in academia, government laboratories, and industry, preparing for an employment interview, and defining a research program. This book will help you make your oral presentations effective, your journal articles compelling, and your grant proposals successful. A Ph.D. Is Not Enough should be required reading for anyone on the threshold of a career in science.



[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.

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.

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

January 2010 Seminars (page 1 of 1)

January 6th

Lessons learned from yeast about human leukemia Presented by Ali Shilatifard as part of UNC Lineberger Cancer Center Seminar Series held at 4:00 p.m. in the Joseph S. Pagano Conference Room.

January 7th

Epigenetic Link Between DNA Methylation and Histone Modifications Presented by Xiaodong Cheng, PhD from Emory University School of Medicine as part of the Center for Integrative Chemical Biology held at 11:00 a.m. in 1001 Kerr Hall.

January 11th

(i) Ferroelectric Polymers and (ii) Biomolecular simulations Presented by Jerry Bernholc, Drexel Professor of Physics, North Carolina State University at Raleigh at 4:00 pm in Chapman 125

January 15th

Synthetic Genomics: Progress on Construction of a Synthetic Bacterial Cell Presented by John Glass, PhD from J. Craig Venter Institute as part of Carolina Center for Genome Sciences Seminar Series held 12:00 p.m. in Bondurant G100.

January 19th

Chronic Graft-vs-Host Disease: Challenges and Opportunities Presented by Stephanie J. Lee, MD from Fred Hutchinson Cancer Research Center held at 4:00 p.m. in the Joseph S. Pagano Conference Room, UNC Lineberger Cancer Center.

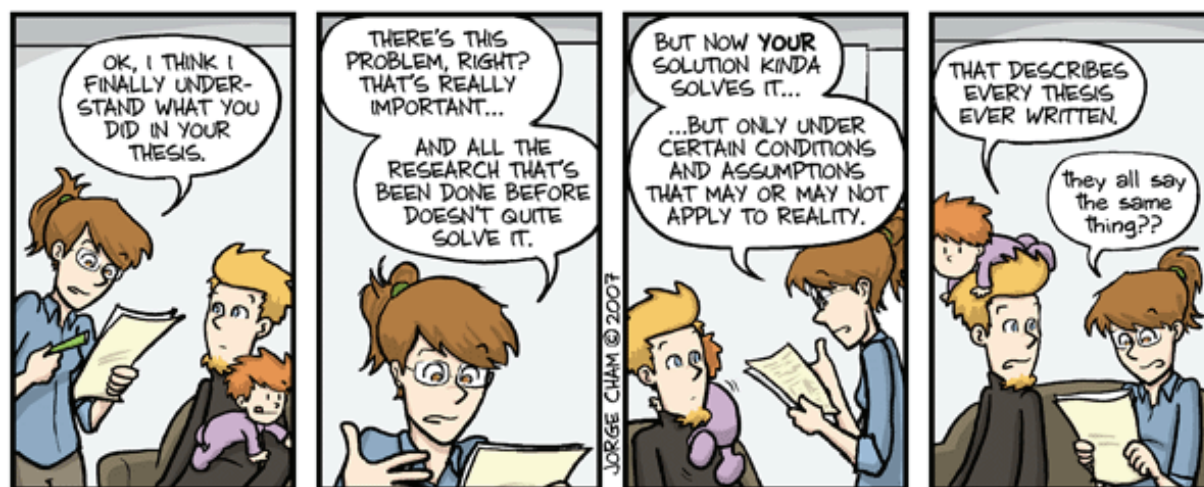
January 20th

Second Generation Proteomics and the Quantitative Analysis of Gene Expression Presented by Angus Lamond from University of Dundee held at 4:00 pm in Coker 201.

January 25th

Nutrition Seminars with Molly DeMarco, Postdoctoral Fellow at UNC-Chapel Hill. Dr. DeMarco will speak about CASTLES Seeds to Sales. The project looks at the impact of school gardens in how children eat and think about food. Dr. DeMarco's research centers on food insecurity, access to healthy foods, and local food systems. Held from 3:00-5:00 pm 1700 MLK Jr Blvd, Room 236. Directions to 1700 MLK: Take Martin Luther King Jr. Blvd (Historic Airport Road) North from campus. Go approximately 3.3 miles. Take a right onto Weaver Dairy Rd. Take the first left (Perkins Drive), then turn left onto Timberhill Place Drive. Take a right into the parking lot. The HPDP offices are located on the second floor.

PhD
Comics
by Jorge
Cham,
PhD



January 2010 Campus Events and Workshops (Page 1 of 5)

January 6th

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. 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=22243

January 7th

Winter Symposium on Teaching and Learning

Participants in this one-day program will explore the three primary ways of understanding the role of the teacher in higher education, consider what constitutes good teaching, and learn the strategies one can adapt in order to have a greater impact on student learning. In addition, participants will learn the principles of classroom performance management and the positive consequences in student behavior that results from a classroom with clear expectations, respect, and appropriate consequences. The Winter Symposium on Teaching and Learning will be facilitated by Dr. Joyce Weinsheimer, Georgia Institute of Technology, and Dr. Daryl Weisman, Clemson University. These two nationally-recognized experts on teaching and learning are sponsored by the ACC-International Academic Collaborative.

Lunch and resource material provided. To register: http://www.abcsignup.com/reg/event_page.aspx?ek=0052-0006-7962ceb6d6e043c78e82d65d6b166342

Carolina Innovations Seminar

The Story of Oriel Therapeutics, w/ Dr. Paul Atkins

Dr. Paul Atkins co-founded the UNC spin-out company [Oriel Therapeutics](#) in 2002. Dr. Atkins is currently the President and Chief Operating Officer of Oriel, which was based on technology developed for dry powder inhaler devices in the lab of Dr. Anthony Hickey of the UNC School of Pharmacy. Oriel Therapeutics is now actively developing a portfolio of respiratory products targeted primarily at asthma and COPD. Dr. Atkins will share the journey of Oriel and their progression from the academic lab to the initiation of clinical trials. 5:30-6:30 p.m. in Sitterson Hall, Room 014. Networking Session: 6:30-8:30 p.m. at [Top of the Hill Restaurant & Brewery](#)

No registration necessary. For more information see:

http://www.research.unc.edu/otd/carolina_innovations_seminar.php

January 8th

How researchers and clinicians are collaborating at UNC to address unmet needs in cystic fibrosis care

Dr. Ric Boucher, MD, and Dr. Matt Wolfgang, PhD, will talk about their ongoing collaboration in the UNC Cystic Fibrosis Center to better understand the causes of CF and to develop new treatment options.

Sponsored by the Program in Translational Medicine. 12:00 to 1:00 in Bioinformatics 1131

[Lunch will be provided to those who register](#)

CMB Symposium-Cellular Stress and Aging

The twelfth annual Cell and Molecular Biology Symposium is entitled, "Cellular Stress and Aging". This theme encompasses the study of signaling pathways that regulate cellular response to stress and lifespan. The goal of the symposium is to engage the local scientific community with four world-renowned investigators who study how stress response and longevity pathways converge to regulate an organism's lifespan and identify the components that may serve as therapeutic targets to treat human diseases such

January 2010 Campus Events and Workshops (Page 2 of 5)

as Alzheimer's disease and cancer. The symposium will consist of two 50-minute scientific presentations in the morning, followed by an informal lunch in which attendees can converse with the invited speakers, then a graduate student poster session and two more 50-minute presentations. Come see what CMB graduate students are up to. Held from 9:30 AM - 4:30 PM in George Watts Hill Alumni Center. To register: http://cfx.research.unc.edu/res_classreg/browse_single.cfm?New=1&event_id=22267

January 12th

Effective Classroom Management

Classroom conflict can quickly consume a large amount of your energy. Every teacher experiences some form of classroom conflict with students or between students at some point during a teaching career. Conflicts can arise from relatively minor aspects of the course, such as differing faculty-student interpretations of a grading scheme, or from more fundamental issues, such as differences between ideologies or strongly held beliefs among students. Although most faculty members have had no specific training in classroom management, the good news is that there are quick and easy ways to prevent conflicts and to handle the classroom conflicts that do arise. Participants will use case studies to develop strategies for resolving conflicts satisfactorily. Held from 12:30 PM - 1:30 PM in Davis Library, Room 219.

January 13th

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/). Held from 10:00 AM - 12:00 PM in 148 Glaxo. To register: http://cfx.research.unc.edu/res_classreg/browse_single.cfm?New=1&event_id=22244

January 14th

Establishing NC Residency for Tuition Purposes

Representatives from the Registrar's office will facilitate an information session and field questions about the application process to establish North Carolina residency for tuition purposes. Held Thursday, January 14, 2010, 2:00pm-3:00pm in the [Graduate Student Center](#). To register: http://cfx.research.unc.edu/res_classreg/browse_single.cfm?New=1&event_id=22304

January 15th

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.

January 20th

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. 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 AM - 12:00 PM in 148 Glaxo. To register: http://cfx.research.unc.edu/res_classreg/browse_single.cfm?New=1&event_id=22245

January 2010 Campus Events and Workshops (Page 3 of 5)

January 20th (continued)

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 11:00am to 12:00pm in the Health Sciences Library Room 329. To register: <http://www.hsl.unc.edu/Services/Classes/classregistration.cfm>

January 21st

Lunch with a Regulatory Toxicologist from Bayer Crop Science

Dr. Joseph Breier, a regulatory toxicologist employed by Bayer Crop Science in RTP, will share lunch with any interested graduate students and postdocs to talk about what he does at Bayer and how he got his job there. Dr. Breier's research efforts focus on understanding the toxicity of various pesticides being developed at Bayer. 12:00 to 1:00 in NRB 3118

[Click here to register](#)

Enhancing Critical Thinking in Students: Better Questions, Better Discussion, Deeper Learning

First-year students often employ a right/wrong, dualistic approach to knowledge. This can be frustrating in class when you want students to cognitively explore a concept and all they want to know is "what will be on the test." A major step in promoting deeper learning is to expose students to their dualistic thinking and to help them raise their own awareness of how they think and know. This session will focus on the types of questions we ask our students and the impact of those questions on both discussion and learning. The facilitator will present research you can use to design more effective classroom experiences that foster "reflective skepticism" (an element of critical thinking) in students. Held from 12:30 PM - 1:30 PM in Davis Library, Room 219.

January 25th

Interactive Lecture/Teaching Large Classes

Large classes can present a variety of challenges that seem daunting compared to smaller environments. For example, how can large classes provide stimulating and individualized learning experiences for students? Are there ways to use collaboration and group work in classes with over 100 students? Can writing assignments be incorporated into a class with 80 students that are still reasonable to grade? Participants in this workshop will explore several strategies to increase student involvement and to create an effective learning community in classes with more than 60 students. Held from 12:00 PM - 1:00 PM Davis Library, Room 219.

January 26th

Laboratory Animal Coordinator Lecture The Laboratory Animal Coordinator (LAC) Lecture orients newly appointed Coordinators to the duties and responsibilities of being a LAC. This lecture is mandatory for all newly appointed LAC's. Principal Investigators are also encouraged to attend. Class size is extremely limited, so ONLY newly appointed LAC's or PI's are invited to attend. Please do not register for this class unless you have spoken with a member of the Compliance Team with the Office of Animal Care and Use, 966-5569. Held from 10:00 AM - 10:45 AM in 148 Glaxo. To register: http://cfx.research.unc.edu/res_classreg/browse_single.cfm?New=1&event_id=22246

January 2010 Campus Events and Workshops (Page 4 of 5)

January 26th (continued)

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=22247

Emotional Intelligence: A Different Type of Intellect

Everyone has heard of "IQ" but have you heard of "EQ"...do you know yours? Find out more about the "Emotional Quotient" and how knowing more about your emotional intelligence can help you be a better mentor, a better leader, and a better friend. Specifically, participants will:

- Discover what emotional intelligence means and how to define it
- Learn about the different realms and domains of emotional intelligence
- Take part in interactive exercises that will help you learn more about different aspects of emotional intelligence

Set personal goals for strengthening and improving your emotional intelligence

Co-sponsored by TIBBS and the Graduate School. Held from 2:30pm-4:00pm in Bondurant G100. To register: http://cfx.research.unc.edu/res_classreg/browse_single.cfm?New=1&event_id=22327

January 27th

Landes-Merrimon Lecture and the John B. Graham Student Research Day

Dr. Benz became the president and chief executive officer of the Institute in 2000 and also serves as chief executive officer of Dana-Farber/Partners Cancer Care, director of Dana-Farber/Harvard Cancer Center, and as a trustee of Dana-Farber/Children's Hospital Cancer Care. The Landes-Merrimon Lecture 2204 MBRB, 12:30-1:30 P.M. Poster and slide presentations by John B. Graham Student Research Society Inductees MBRB, 1:45-5:00 P.M. To register: <http://www.med.unc.edu/www/events/landes-merrimon-lecture-1/view>

January 28th

Lunch & Learn Workshops, Spring 2010 Open to faculty, graduate students and undergrads, in this ongoing series of workshops a small discussion group meets over lunch to explore timely ethical issues within their respective fields of interests. *Here are the upcoming sessions for Spring 2010:* January's session (1/28), Food Ethics: The Way We Eat, examines the impacts that industrial food production has on our health. Led by Alice Ammerman, Professor and Director of the UNC Center for Health Promotion and Disease Prevention. *Location: Hyde Hall, University Room, 12:30pm.* To register: http://cfx.research.unc.edu/res_classreg/browse_multiple.cfm?New=1&event_id=22280

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 Health Sciences Library Room 329. To register: <http://www.hsl.unc.edu/Services/Classes/classregistration.cfm>

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January 29th

Assessing and Evaluating Student Performance

Integrating assessment strategies into instruction poses a challenge for many teachers. Moving beyond the general principles of assessing student learning, instructors in this seminar will explore how they can develop a course framework that blends learning objectives, teaching strategies, and assessment tools in a way that provides a systematic approach to assessment of learning. Held from 12:00 PM - 1:00 PM in Davis Library, Room 219. To register: http://www.abcsignup.com/reg/event_page.aspx?ek=0052-0006-8f6b400c6b594a77a0877c68719e5e43