INTERESTED IN SCIENCE POLICY?
TIBBS IS HELPING ORGANIZE A NEW GRADUATE
STUDENT AND POSTDOC SCIENCE POLICY,
POLITICS AND ETHICS WORKING GROUP. DR. RUDY
JULIANO, PROFESSOR PHARMACOLOGY AND
DIRECTOR CENTER OF CANCER NANOTECHNOLOGY
EXCELLENCE AND DR. GAIL HENDERSON,
PROFESSOR OF SOCIAL MEDICINE AND DIRECTOR
FOR THE CENTER FOR GENOMICS AND SOCIETY
WILL SERVE AS FACULTY ADVISORS

PHYLLIS FROSST, PHD
ACTING BRANCH CHIEF
SENIOR SCIENCE POLICY ANALYST
NATIONAL HUMAN GENOME RESEARCH INSTITUTE

POLITICS & SCIENCE

SCIENCE POLICY 101
FEBRUARY 27TH AT NOON
PIZZA WILL BE SERVED

Phyllis will present an Overview of Science policy
to kick off this new initiative. Details about the
new initiative and how to get involved will be
discussed at the meeting.

Register Here

HAVE FUN
GAIN TEACHING EXPERIENCE
PRACTICE COMMUNICATING YOUR
SCIENCE TO A LAY AUDIENCE
EXCITE THE NEXT GENERATION OF
SCIENTISTS

BE A DNA DAY AMBASSADOR
We have over 400 North Carolina Teachers
who have applied for DNA Day
Ambassadors. The most exciting part of
DNA Day for the teachers is the
opportunity for their students to meet a
scientist.

You will receive a gas card and all the
materials you need for your classroom visit.

The application takes less than 5 minutes!
Apply today at
http://ncdnaday.org/

What Teachers Said Last Year
"Excellent presentation- students were very engaged
and interested! The presenters were very friendly
and interacted well with the students."

"My students were thrilled to meet a "real scientist"

"I am so glad my class was selected to have a DNA
ambassador presentation. The students were exposed
to working scientists who reinforced the relevance."

http://www.unctibbs.org
TIBBS FEBRUARY WORKSHOPS AND EVENTS

MARLA GOONAN IS BACK!

Quote from a graduate student— I met Marla last year at TIBBS seminar on Career Planning and Networking and was strongly impacted by her message. I have since been networking and organizing my career life (and my personal life) and creating the path that will allow me to achieve my goals. I just wanted to say how thrilled I am to know that she will be back at UNC for more career development talks.

Tuesday 2/5 Career Development with Marla Goonan 1:00 pm to 4:00 pm in MBRB B202 Auditorium
http://cfx.research.unc.edu/res_classreg/browse_single.cfm?New=1&event_id=21426

Tuesday 2/5 Self Esteem with Marla Goonan 10:00 am to 12:00 pm in MBRB B202 Auditorium
http://cfx.research.unc.edu/res_classreg/browse_single.cfm?New=1&event_id=21427

TIBBS Social...It’s time for a NACHO BAR!

Wednesday Feb.20th,2008
You build ’em, you eat ’em!
Join your fellow graduate students over cheesy, gooey, spicy, colorful, and tasty nachos!
Fixin’s will be available from 11:30am-12:30pm

Transitioning from a PhD into a Medical Liaison Career

A panel of PhD Medical Liaisons Discuss their experiences in this industry!

A medical science liaison career involves consulting and conveying knowledge and information to physicians, pharmacists, nurses, and academic leaders. Generally, medical liaisons work on behalf of pharmaceutical and biotechnological firms to increase demand for new products, or convey new findings to these leaders concerning existing products. This career path can be very similar as that of a pharmaceutical representative.

Chandra M. Coleman, PhD; Manager, Regional Scientific Services, Allergan Medical Affairs
Heather L. Vita, Ph.D; Medical Science Liaison, Medical Affairs, UCB, Inc
Zina Johnson, PhD; Medical Science Liaison, Cellz Direct

Thursday February 28th, 2008 from 4:00-5:30pm
Registration Required

http://www.unctibbs.org
FEVERY WORKSHOPS ON CAMPUS

Friday 2/1 Molecule Construction and Design in Vector NTI sponsored by Center for Bioinformatics
2:00 pm to 4:00 pm in Room 3136
http://bioinformatics.unc.edu/cgi-bin/dev/seminars.cgi?db=default&uid=&view_records=1&ID=*  

Tuesday 2/5 Aseptic Technique sponsored by Office of Animal Care and Use
10:00 am to 12:00 pm in 148 Glaxo Research
http://cfx.research.unc.edu/res_classreg/browse_single.cfm?New=1&event_id=21339  

Tuesday 2/12 Effective Multiple Choice Testing sponsored by Center for Teaching and Learning
12:00 P.M. - 1:30 P.M., RB House Undergraduate Library, Room 205
Register online  

Tuesday 2/12 Lunch N’ Learn: Ask OCT sponsored by Office of Clinical Trials
12:00 pm to 1:00 pm in LCCC 12-001
http://cfx.research.unc.edu/res_classreg/browse_single.cfm?New=1&event_id=21381  

Tuesday 2/12 Introduction to Refworks sponsored by Graduate School Library Workshop Series
2:00 pm to 3:30 pm in Davis Library Room 246
http://www.lib.unc.edu/instruct/grad_workshops/workshops.html  

Tuesday 2/12 ContigExpress Assembly in Vector NTI sponsored by Center for Bioinformatics
2:00 pm to 4:00 pm in Room 3136
http://bioinformatics.unc.edu/cgi-bin/dev/seminars.cgi?db=default&uid=&view_records=1&ID=*  

Wednesday 2/13 Writing and Grading Essay Questions sponsored by Center for Teaching and Learning
12:00 P.M. - 1:30 P.M., RB House Undergraduate Library, Room 205
Register online  

Wednesday 2/13 EndNote Basic Class Sponsored by Health Science Libraries
10:00 am to 11:00 am in 329 Health Sciences Library
http://www.hsl.unc.edu/Services/Classes/classregistration.cfm  

Thursday 2/14 Developing and Evaluating Group Projects sponsored by Center for Teaching and Learning
12:00 P.M. - 1:30 P.M., RB House Undergraduate Library, Room 205
Register online  

Thursday 2/14 Basic Mouse Breeding Colony Management sponsored by Office of Animal Care and Use
10:00 am to 11:00 am in 1131 Bioinformatics
http://cfx.research.unc.edu/res_classreg/browse_single.cfm?New=1&event_id=21435  

Friday 2/15 Developing and Creating Learning Portfolios Sponsored by the Center for Teaching and Learning
12:00 P.M. - 1:30 P.M., RB House Undergraduate Library, Room 205
Register online  

Friday 2/15 Introduction to Sequencher sponsored by Center for Bioinformatics
2:00 pm to 4:00 pm in Room 3136
http://bioinformatics.unc.edu/cgi-bin/dev/seminars.cgi?db=default&uid=&view_records=1&ID=*  

Monday 2/18 What is Refworks and How can it Help Me? Sponsored by Health Science Libraries
10:00 to 11:00 Biogen IDEC Classroom Health Sciences Library
http://www.hsl.unc.edu/Services/Classes/classregistration.cfm  

Tuesday 2/19 Mouse Handling Techniques sponsored by Office of Animal Care and Use
10:00 am to 12:00 pm in 148 Glaxo Research
http://cfx.research.unc.edu/res_classreg/browse_single.cfm?New=1&event_id=21341  

Tuesday 2/19 Negotiation Skills for Academic Jobs sponsored by The Graduate School
3:00 pm to 4:30 pm in Graduate Student Center, 211 A.W Cameron Ave.
http://cfx.research.unc.edu/res_classreg/browse_single.cfm?New=1&event_id=21347  

Wednesday 2/20 EndNote Advanced Class Sponsored by Health Sciences Library
10:00 a.m to 11:00 am Room 329 Health Sciences Library
http://www.hsl.unc.edu/Services/Classes/classregistration.cfm  

Friday 2/22 Introduction to Endnote sponsored by The Graduate School Library Workshop Series
11:00 am to 12:30 pm in Davis Library 246
http://www.lib.unc.edu/instruct/grad_workshops/workshops.html
February Workshops on Campus

Monday 2/25 Creating On-Line Communities sponsored by the Center for Teaching and Learning
12:00 P.M. - 1:30 P.M., RB House Undergraduate Library, Room 205
Register online

Tuesday 2/26 Journaling: A Basic Building Block of Student Portfolios Sponsored by Center for Teaching and Learning
12:00 P.M. - 1:30 P.M., RB House Undergraduate Library, Room 205
Register online

Tuesday 2/26 DNA and Protein Motif Analysis in Vector NTI sponsored by Center for Bioinformatics
2:00 pm to 4:00 pm in Room 3136
http://bioinformatics.unc.edu/cgi-bin/dev/seminars.cgi?db=default&uid=&view_records=1&ID=*  
Tuesday 2/26 Tax Responsibilities for Graduate and Professional Students sponsored by The Graduate School
2:00 pm to 3:30 pm in Graduate Student Center, 211 A.W Cameron Ave.
http://cfx.research.unc.edu/res_classreg/browse_single.cfm?New=1&event_id=21433
Tuesday 2/26 Tax Responsibilities for Graduate and Professional Students sponsored by The Graduate School
4:00 pm to 5:30 pm in Graduate Student Center, 211 A.W Cameron Ave.
http://cfx.research.unc.edu/res_classreg/browse_single.cfm?New=1&event_id=21434
Friday 2/29 Learning Contracts: Promoting Student Engagement Sponsored by the Center for Teaching and Learning
12:00 P.M. - 1:30 P.M., RB House Undergraduate Library, Room 205
Register online

Friday 2/29 Public Webtools for Promoter/Motif Analysis sponsored by Center for Bioinformatics
2:00 pm to 4:00 pm in Room 3136
http://bioinformatics.unc.edu/cgi-bin/dev/seminars.cgi?db=default&uid=&view_records=1&ID=*  

Local Industry Events

February 8, 2008 6:00 pm
The North Carolina Plant Molecular Biology Consortium, an intellectual exchange group of the North Carolina Biotechnology Center, sponsors this seminar series.
Consortium Corporate Members are: Bayer Crop Science, BASF Plant Science, Monsanto and Syngenta.
Location: North Carolina Biotechnology Center, Charles Hamner Conference Center, 15 T.W. Alexander Drive

February 12th, 2008 11:00am to 1:00 pm
Early Drug Development – Failure is Not an Option… Maximizing Proof of Concept
This workshop will explore ways in which small companies can achieve proof of concept for new drugs. Speakers will discuss how to maximize the chances for successfully completing clinical trials by early planning and by using non-clinical models. Representatives from late research to early clinical development, with a desire to improve the success of their compounds will benefit from participating in this workshop.
Speakers: Dr. Robert M. Miller, FRCS MBBS FFPM, Chief Medical Officer, Fulcrum Pharma Developments Ltd.  
Ian Chapman, PhD, FBPharmacolS., Development Director, Fulcrum Pharma Developments Ltd.  
Venue: Hamner Conference Center; North Carolina Biotechnology Center, RTP, N.C.  
To register, simply send an email to fulcrumpharmaevents@fulcrumpharma.com with your contact information.

February 25th—The Triangle Chromatography Discussion Group will present the full-day workshop "LC/MS for Practicing Chromatographers". This workshop will provide both the novice and seasoned chromatographer with an introduction and overview of the theory, practical approaches, and use of liquid chromatography/mass spectrometer detection (LC/MS) in the analytical laboratory, including theory, practical operation and real-world examples. Emphasis will be placed on analytical-scale analysis of small molecules in environmental, industrial and pharmaceutical applications. In addition, biological applications and MS directed isolation/purification will be discussed.

The course fee is $50 per person and pre-registration is required.
Registration Flyer
Elizabeth Denholm, PhD  
Deputy Director of Translational Research  
Deputy Director of Technology Development  

In 2004 she joined the NIH as an extramural Program Director in the Division of Lung Diseases at the National Institute of Heart, Lung and Blood Institute, where she managed a large portfolio of grants in pulmonary vascular disease and basic cell biology, as well as small business grants, and clinical trials in pulmonary arterial hypertension and pulmonary embolism. In June of 2007, Denholm joined NIEHS as Deputy Director of Translational Research.

AND

Anne-Marie Martin, PhD  
Director of Biomarker Research Team  
Oncology Medicines Development Center  
GlaxoSmithKline

Anne Marie is responsible for developing and implementing biomarker strategies for late stage clinical development of Oncology Assets including TKIs, cytotoxic agents and supportive care agents. She leads the development, review and implementation of company change in sample management for biomarker research and central laboratory strategy in Oncology.

Med Into Grad Lunch and Learn Series:  
February 8th, 2008  
Noon–1pm 3200 Thurston-Bowles  
3200 Thurston Bowles  
Pizza will be served  
Registration Required

Carolina Innovations Seminar

Thursday, February 21, 2008 5:15–6:15 Chapman Hall 211  
A group of local investors and entrepreneurs will discuss how they have successfully accomplished what at times seems like an impossible mission - commercializing early stage university technologies. The speakers will present actual case studies focusing on the "tech space." A moderated panel discussion will be followed by an audience question and answer period. Informal discussion and networking at Goldie’s Grille immediately following the seminar. Cost: free
FEBRUARY SEMINARS

Friday 2/1 at 12:00 pm "Herpes Viral Immune Evasion and Tumorigenesis"
Klaus Frueh, PhD, G202 MBRB
Friday 2/1 at 12:00 pm "Analyzing insect growth trajectories"
Joel Kingsolver and Travis Gaydos Coker 215
Monday 2/4 at 4:00 pm "Activation of proinflammatory signaling in primary human airway epithelial cells exposure to diesel exhaust" Tamara L. Tal, 1131 Bioinformatics Bldg.
Monday 2/4 at 12:00 pm "Cardiac Regeneration Clues from Bone Marrow, Stem Cells and the Heart"
Arjun Deb, MD, G202 MBRB
Tuesday 2/5 4:00 pm "Glucocorticoids: New Mechanisms for Old Drugs"
John Cidlowski, PhD NIH/NIEHS 1102 MEJ Building
Tuesday 2/5 at 11:00 am "From Magnets to Radical Pairs: the Biology, Physics, and Chemistry of Animal Magnetoreception"
Sonke Johnsen, PhD, Duke University, 408 Mary Ellen Jones
Wednesday 2/6 8:30 am Recent Advances in Understanding the Cause of MS (Neurology Grand Rounds)
Henry McFarland, Chief Neuroimmunology Branch, NINDS/NIH 1131 Bioinformatics Building
Wednesday 2/6 at 12:00 pm "Do Not Enter: Keeping HIV Out of Cells"
Michael Kay, University of Utah, 124 Taylor Hall
Wednesday 2/6 at noon "Adaption to a Changing World: Lessons from Some Little Flies"
George Gilchrist, College of William and Mary
Wednesday 2/6 12:00 pm "Norepinephrine: The Red-Headed Stepchild of Parkinson's Disease"
David Weinshenker, Emory University Chapman 125
Thursday 2/7 3:30 pm Molecular dynamics and conformational changes in T cell receptor recognition of ligand"
Brian Baker, PhD University of Notre Dame LCCC 00-002
Thursday 2/7 2:00 pm A Mathematician’s Look at Clotting: Platelets, Coagulation and Flow
Dr. Aaron Fogelson, University of Utah 408 MEJ
Thursday 2/7 12:30 pm “Development of the mouse touch sensory circuit”
Fan Wang, PhD Duke University, Bioinformatics 1131
Friday 2/8 at 12:00 pm “Using a Combination of Genetics and Gene Expression to Model Networks in Common Diseases”
Jake Lusis, PhD Professor of Medicine, Microbiology and Molecular Genetics, UCLA, G202 MBRB
Monday 2/11 at noon “The Genetics of Growth, Obesity and Body Weight Regulation in Animal Models”
Daniel Pomp, PhD, UNC CH G202 MBRB
Tuesday 2/12 at 11:00 am “Palladin: A Molecular Architect of the Actin Cytoskeleton”
Sharon Campbell, PhD, UNC Dept. of Biochemistry and Biophysics, 408 Mary Ellen Jones
Tuesday 2/12 at 4:00 pm “Small GTPases and kinases at the crossroads: How phosphorylation dictates location and function of Ras and Rho family proteins” Adrienne Cox, PhD, UNC, 1102 Mary Ellen Jones
Tuesday 2/12 at 12:00 pm “Development and Cognition in the Study of ASDs and Developmental Disabilities”
Jacob Burack, Ph.D. Professor of Educational Psychology, McGill University, Bioinformatics Bldg., first floor auditorium
Tuesday 2/12 at 12:00 pm “Microfabricated Devices for Single Cell Analysis”
Lineberger Plaza Conference Center Nancy Albrighton, M.D, PhD UNC Department of Chemistry
Wednesday 2/13 12:00 pm “Development of an Orthogonal and Chemoselective Dual Immobilization Strategy for Complex Cell Migration Studies” Sungjin Park, UNC Chapman 125
Wednesday 2/13 at 10:30 am “RNAi-Nust and Bolts and therapeutic applications”
John Rossi, PhD, City of Hope Medical Center 1131 Bioinformatics Building
Wednesday 2/13 at 7:15 am “Femoral and Sural Nerves-Anatomy and EDX Assessment”
Caroline M. Klein, M.D., PhD, Neuromuscular Disorders Section, Bioinformatics Bldg., first floor auditorium
Thursday 2/14 “Neuroimaging and Electrophysiology of the Schizophrenia Prodome and Adolescents at Genetics Risk”
Asye Belger, PhD, UNC CH
Friday 2/15 at 12:00 pm “Mouse Mammary Tumor Virus: A Model for Cancer and Infectious Disease”
Jaquelin Dudley, PhD, G202 MBRB
Monday 2/18 at 4:00 pm “Using the genome to optimize drug therapy”
Dr. Howard McLeod, UNC Pharmacy, 1131 Bioinformatics Bldg.

http://www.unctibbs.org
For this event, Pfizer is only looking for candidates with experience in the functional areas listed below:

- **Biologists** — In Vitro or In Vivo experience (associate and senior associate scientist)
- **Chemists** with skills in analytical chemistry, natural product chemistry and analytical method development (associate senior associate scientist)
- **Computational Biology** doctorate in computational chemistry or a bachelor of science or master of science degree with equivalent work experience (post doctoral or between two and five years of work experience.)
- **Computational Chemistry** A doctorate in computational chemistry or a bachelor of science or a master of science degree with equivalent work experience (post doctoral or between two and five years of experience.)
- **Cheminformatics** A doctorate degree or equivalent experience with between three and five years of strong scientific accomplishment.

**CVMED (Cardiovascular Metabolic Diseases) Lab Heads:**
Research Biology Lab Heads will apply their expertise and ensure the selection of the best targets for the treatment of disease in areas such as obesity, diabetes, bone health and muscle biology.
Qualified candidates will be responsible for positioning targets for definitive human studies, managing a team of four laboratory associate scientists and leading collaborations with external scientists from academic and business collaborations.
Presenting research findings to the scientific community through consistent publication in peer-reviewed journals and presentation of the results at scientific meetings is also expected.
A doctorate is required.
DIVERSITY CORNER

29th Annual Minority Health Conference Friday February 29th—8:00 am to 5:00 pm
William and Ida Friday Center for Continuing Education

The Impact of Poverty, Culture and Environment on Minority Health" is the theme of this year's conference presented by the Minority Student Caucus of the School of Public Health. The William T. Small, Jr. Keynoter is Dr. Nancy Krieger, professor of the Department of Society, Human Development, and Health at the Harvard School of Public Health. Her address will also be available via the Internet and by satellite downlink. Breakout sessions on various minority health topics will complete the day.

See www.minority.unc.edu for details

Culture on Campus

IF YOU ARE INTERESTED IN CULTURAL EVENTS ON CAMPUS A GREAT RESOURCE IS HTTP://WWW.UNC.EDU/EVENTS/

URBAN BUSH WOMEN, JAZZ FEST, FREE CHOCOLATE FEST, SALAMANDERS OF THE VERNAL POND, TALK BY CO-FOUNDERS OF MOTLEY FOOL, WOMAN'S CHORAL SHOWCASE, PLAYMAKERS THEATRE, THE FACES OF CHILD TRAFFICKING AND MORE

TIBBS 2007/2008 Advisory Committee

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Intramural Sport  Entries Open  Entries Close
Wallyball  February 4th  February 12th
Swim Meet  February 4th  February 12th
Indoor Soccer  February 4th  February 12th
Scavenger Hunt  February 18th  February 26th
Softball  February 18th  February 26th
Inertube Water B-ball  February 25th  March 4th
Tennis Doubles  February 23th  March 4th