North Carolina DNA Day 2009—Another Successful Year

Antibody Bingo, counting taste buds, observing mucus samples of patients, DNA fingerprinting suspects, testing success of genetically modified crops and constructing a Simpsons pedigree... what do all these have in common? These are a sample of hands-on activities that high school students and middle school students participated in across North Carolina for DNA day.

Now on its third year, the NC DNA Day concluded its outreach event during the commemoration of National DNA Day on April 25th, 2009. With the goal of getting young students excited about science and introducing scientific careers as a viable option for them, the NC DNA Day program visited over a hundred schools and utilized the expertise of over 150 graduate students, postdoctoral fellows and faculty from ten research and academic institutions all over NC.

The students were also exposed to various research topics that their DNA Ambassadors were actively involved in. When asked if their perception of a scientist changed, one student answered “I think it would be an interesting career because at first I wasn’t sure what scientists do.”

The teachers were very excited to have DNA Day in their classrooms. One wrote (Story continued on page 2)

Middle school students at Martin’s Creek School in Murphy, NC participate in the pharmacogenomics module by counting each others’ taste buds.

Beth Sutton helps students at Riverside High in Durham set up the Simpson’s pedigree chart while presenting the Genes & Disease module.
NC DNA Day 2009 a Great Success (continued from page 1)

“the information relates well to the standard course of study”, while another said, “I wish there were more people doing it so all the classes in my school could be visited.”

The 6 learning modules presented throughout the state were all developed by UNC graduate students to augment the NC course of study. The modules remain available on the NC DNA Day website for teachers who want to take advantage of them throughout the school year.

Even though next year’s NC DNA Day is almost a year away, preparations for that event are already in the works to ensure continued success of this important science outreach program. Most of the 150 plus DNA Day Ambassadors have already expressed interest in being involved again next year.

We thank all our DNA Ambassador volunteers for their time, our various sponsors for financial support, and members of the UNC Logistics Committee for making this year’s DNA Day a high impact outreach event.

– Paul Medina

Paul Medina is the Director for NC DNA Day and can be reached at pmedina@email.unc.edu.

Josh Currie hands out antibody “bingo” cards while presenting the Immunology module at East Burke High School in Connely Springs, NC

School’s Visited During NC DNA Day 2009

Each star represents a high school or middle school visited during NC DNA Day 2009
Dr. Ashalla Magee Freeman Hired as Associate Director of Minority Affairs

Dr. Ashalla Magee Freeman has joined the TIBBS team as the new Associate Director of Minority Affairs. Ashalla came to UNC in 2004 as a postdoctoral fellow in the SPIRE Postdoctoral Training Program after receiving a PhD in Microbiology from the University of Alabama at Birmingham.

Ashalla has a long-standing interest in and commitment to enhancing science education and career development at all levels. Evidence of these commitments include her service as a tutor for high school mathematics and SAT preparation, mentor for the American Society for Microbiology (ASM) Minority Mentoring Program and ASM Science Education Network, review panelist for the NSF Graduate Research Fellowship Program, consultant for the ASM Graduate and Postdoctoral Education Committee, and advisory board member for the UNC Postdoctoral Association.

As the Associate Director of Minority Affairs, Ashalla will develop and enhance the professional development training, academic and personal support, and community available through the Initiative to Maximize Student Diversity (IMSD) Program. Ashalla welcomes your input and assistance, so please feel free to contact her by email at ashalla@unc.edu.

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.
TIBBS-Sponsored Events in June

Wednesday 6/3, 12:00 - 1:00, Lunch with Gene Casale, Owner of Casagen Consulting.
3118 Neuroscience Research Building

Dr. Casale graduated in 1988 with a PhD in Physiology from UNC and then worked in Glaxo’s clinical trials division for 14 years managing clinical trials. As time progressed he took on more and more of a regulatory writing role overseeing submission of new drug applications and clinical study reports to the FDA. Two and a half years ago he started his own consulting company to assist and advise pharmaceutical companies in the process of submitting reports and applications to the FDA. He will talk about his career path and can answer your questions about clinical trials management, FDA regulations, and his experiences as an entrepreneurial consultant. Lunch will be provided to those who register.

Click here to register.

Wednesday 6/10, 12:00 - 1:00, Lunch with Virginia Miller Mary Ellen Jones 802

Dr. Virginia Miller, Professor of Genetics, Associate Dean of Graduate Education, and Director of the BBSP program, and Dr. Pat Brenwald, Professor of Cell and Developmental Biology, will discuss the related questions "I chose my lab - what next?" and "How do I navigate committee meetings?" Lunch will be provided.

Click here to register.

Thursday 6/11, 12:00 - 1:00, Translational Medicine Lunch and Learn—How interdisciplinary science at UNC is addressing unmet needs in Lupus research Thurston-Bowles 3200

Dr. Barb Vilen, PhD, a basic science PI, and Dr. Rob Roubey, MD, a clinician, will discuss how they collaborate to improve our understanding of and treatment options for the autoimmune disease lupus. A lupus patient will initiate the discussion with a brief introduction of the disease, current treatment options and side effects, and what it is like to live lupus. Lunch will be provided starting at 11:45 to those who register.

Click here to register.

Turn to the next page for more TIBBS-sponsored events in June
**TIBBS-Sponsored Events in June**

**Thursday 6/11, 3:00 - 5:00, Essential Skills for Success in Industry, Session 2—Project Management**  Bondurant G100

In this session, industry panelists will discuss working in teams and managing teams, developing project plans, goals, and timelines, and managing resources effectively. Attendance is required to receive a certificate of completion.

[Click here to register](#)

**Thursday 6/18 4:00—5:00pm, How to Build Your Network Using LinkedIn.**  Health Science Library 307.

In this hands-on workshop, Dr. Patrick Brandt will show attendees how to use the online professional networking tool LinkedIn. Tasks that will be demonstrated include how to take advantage of the untapped potential of LinkedIn Groups, how to add files to your profile, how to import contacts to build your connections, how to perform reverse employer searches to prepare for interviews, and many others. The workshop is limited to 30 participants and will be most effective if you have registered for and started your own LinkedIn profile prior to the workshop. [Click here to register](#)

**Friday 6/19 12:00, TIBBS Social—LocoPops on the MBRB Lawn.**  Come out to the MBRB lawn to catch up with friends and enjoy some gourmet LocoPops!

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**Carolina Bioscience**

**Interview with a Tenure Track Investigator**

A new interview with Dr. Angelique Whitehurst was posted to the [Carolina Bioscience](#) blog recently. Follow [this link](#) to read about Dr. Whitehurst’s experience preparing for and applying to academic research positions. She also talks about starting salaries for assistant professors and gives some practical advice for graduate students and postdocs interested in careers in academia. She even gives specific advice for female scientists who have their sights set on a career in academic research.

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**Monday 6/22 5:00—7:00pm Meeting of the TIBBS Undergraduate Teaching Interest Group.**  Bondurant 1074.

Attendees will listen to and critique a mock lecture given by an assigned group member. A light dinner will be served. Please contact [Dr. Jackie Swanik](#) for more information.

**Thursday 6/25, 12:00 - 1:00, Essential Skills for Success in Industry, Session 3—People Management**  Bondurant G100

In this session, industry panelists will discuss talent management, leadership skills, hiring, interviewing, and performance evaluations. Attendance is required in order to receive a certificate of completion. [Click here to register](#)
June 2009 Seminars (yes there are only three this month)

June 5th
“Fungal Infections” with Dr. John Perfect from Duke University. Held at 8:30 in the Pagano Conference Room, LCCC.

June 9th
“Breaking the Cycle: Investigating the intersection of health disparities and educational disparities” with Reginald Weaver, Bonnie Durah, Dr.P.H., Dian Catro, M.P.H., Ph.D., Nicholas Freudenberg, Dr.P.H. Held at 1:30 at Tate-Turner-Kuralt Auditorium, UNC School of Social Work.

June 12th
“Sexually Transmitted Infections - Clinical Trials Group (STI-CTG)” with Dr. Arlene Sena from UNC. Held at 8:30 in the Pagano Conference Room, LCCC.
June 2009 Campus Events and Workshops (Page 1 of 4)

June 2nd
Molecule Construction and Design with Vector NTI with Thomas Randall, PhD This session will cover the in silico (Molecule Construction and Design) capabilities in Vector NTI; this is applicable to those using any current version of VNTI on PCs or Macs. Prior experience with Vector NTI is essential. This will be a two hour hands-on session with a laptop provided. A variety of examples in both “Construction” and “Design” will be covered to demonstrate the general features of these in silico cloning utilities. We will also go over the Gateway and TOPO cloning functions within VNTI. Held from 2-4 in Bioinformatics 2136. To register: http://bioinformatics.unc.edu/cgi-bin/dev/seminars.cgi?db=default&uid=&view_records=1&ID=*&mh=10&sb=5&so=ascend

June 3rd
PowerPoint: Tips & Techniques 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 from 12:00-1:00pm. To register http://www.med.unc.edu/www/events/ppt-copy/view

Lunch with UNC Alumnus, Gene Casale, President of Casagen Consulting Dr. Casale graduated in 1988 with a PhD in Physiology from UNC and then worked in Glaxo’s clinical trials division for 14 years managing clinical trials. As time progressed he took on more and more of a regulatory writing role overseeing submission of new drug applications and clinical study reports to the FDA. Two and a half years ago he started his own consulting company to assist and advise pharmaceutical companies in the process of submitting reports and applications to the FDA. He will talk about his career path and can answer your questions about clinical trials management, FDA regulations, and his experiences as an entrepreneurial consultant. Lunch will be provided to those who register. This will be held from 12:00-1:00pm in Neuroscience Research Building 3118. To register: http://cfx.research.unc.edu/res_classreg/browse_single.cfm?New=1&event_id=22022

"Transition from UNC Postdoc to Professor" Round Table Discussion with visiting Professor, Paul Garris, Ph. D. Meet in the Atrium at Michael Hooker Research Center for coffee and pastries from 9:00-11:00am. To register: http://cfx.research.unc.edu/res_classreg/browse_single.cfm?New=1&event_id=22026

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. From 1:00-2:30 in 307 Health Sciences Library on south campus. To register: http://research.unc.edu/grantsource/workshops_help.php#workshops

Introdution to Sequencher with Thomas Randall, PhD This session will be an overview of the basic tools available in Sequencher. Topics covered in this session: quality assessment of sequences, loading sequences into Sequencher, trimming sequences (vector, endtrimming, low quality ends), sequence assembly (assemble by name, assemble to reference sequence), edit contig, variance table, export the analysis result. This session will be hands on for those who use a Windows version of Sequencher although it is applicable for Macintosh users. A laptop will be available for all attendees to use during the session. The session will be in room 3136 Bioinformatics building from 2:00-4:00 pm. To register: http://bioinformatics.unc.edu/cgi-bin/dev/seminars.cgi?db=default&uid=&view_records=1&ID=*&mh=10&sb=5&so=ascend

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 from 12:00-1:00pm. To register http://www.med.unc.edu/www/events/photoshop1-copy/view
June 2009 Campus Events and Workshops (Page 2 of 4)

June 9th (continued)

**Aseptic Techniques**  The IACUC Aseptic Techniques class is a hands-on wet lab designed to teach students how to maintain sterility during survival rodent surgeries. This course is required for Laboratory Animal Coordinators who are members of labs that will be performing sterile rodent surgeries. UNC rodent users who will be performing sterile surgeries are encouraged to attend; otherwise training may be provided by a certified 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 from 10:00-12:00 in Glaxo Room 148. To register: [http://cfx.research.unc.edu/res_classreg/browse_single.cfm?New=1&event_id=22014](http://cfx.research.unc.edu/res_classreg/browse_single.cfm?New=1&event_id=22014)

June 10th

**Lunch with Virginia Miller.** Dr. Virginia Miller, Professor of Genetics, Associate Dean of Graduate Education, and Director of the BBSP program, and Dr. Pat Brenwald, Professor of Cell and Developmental Biology, will discuss the related questions “I chose my lab - what next?” and “How do I navigate committee meetings?” Held from 12:00 - 1:00 in Mary Ellen Jones 802. Lunch will be provided. [Click here to register](#)

June 11th

**Translational Medicine Lunch and Learn—How interdisciplinary science at UNC is addressing unmet needs in Lupus research.** Dr. Barb Vilen, PhD, a basic science PI, and Dr. Rob Roubey, MD, a clinician, will discuss how they collaborate to improve our understanding of and treatment options for the autoimmune disease lupus. A lupus patient will initiate the discussion with a brief introduction of the disease, current treatment options and side effects, and what it is like to live with lupus. Held from 12:00 - 1:00 in Thurston Bowles 3200. Lunch will be provided starting at 11:45 to those who register. [Click here to register](#)

**Essential Skills for Success in Industry Session 2 - Project Management**

In this session, industry panelists will discuss working in teams and managing teams, developing project plans, goals, and timelines, and managing resources and communication held from 3:00-5:00pm in Bondurant Hall G100. To register: [http://cfx.research.unc.edu/res_classreg/browse_single.cfm?New=1&event_id=21867](http://cfx.research.unc.edu/res_classreg/browse_single.cfm?New=1&event_id=21867)

June 16th

**PCR Design in Vector NTI**  with Thomas Randall, PhD. This session will focus on the various PCR design operations available in Vector NTI (VNTI). Prior experience with Vector NTI is expected and necessary. The operations available for PCR design will be the main focus and examples of the most applicable types of PCR design in VNTI will be covered. Managing Oligos in the Oligo database will also be covered as will the use of the DNA Motif analysis tool. This session is applicable to all versions of VNTI currently being used but PC laptops will be used in the session. Some PCR Design options are not available on the Mac. The session will be from 2-4 pm in room 2136, Bioinformatics. To register: [http://bioinformatics.unc.edu/cgi-bin/dev/seminars.cgi?db=default&uid=&view_records=1&ID=*&mh=10&sb=5&so=ascend](http://bioinformatics.unc.edu/cgi-bin/dev/seminars.cgi?db=default&uid=&view_records=1&ID=*&mh=10&sb=5&so=ascend)

**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 McNider from 12:00-1:00pm. To register [http://www.med.unc.edu/www/events/photoshop3-copy/view](http://www.med.unc.edu/www/events/photoshop3-copy/view)

**Dissecting a Clinical Trial Protocol (Beginner)**  This workshop will focus on the importance of the clinical trial protocol and how each section relates to other clinical trial activities such as developing clinical study plans/check lists, informed consent, budget development, data collection, and contract negotiations. Held from 1:30-3:30 in 1131 Bioinformatics. To register: [http://cfx.research.unc.edu/res_classreg/browse_single.cfm?New=1&event_id=21829](http://cfx.research.unc.edu/res_classreg/browse_single.cfm?New=1&event_id=21829)
June 16th (continued)

**Rat Handling Class.** The Rat Handling and Techniques class is a hands-on wet lab designed to teach students basic techniques in rat handling including restraint, simple injections, bleeding techniques, anesthesia and euthanasia. This course is required for Laboratory Animal Coordinators in laboratories working with live rats. All other rat users on campus are welcome to attend; otherwise training may be provided by a certified Laboratory Animal Coordinator. Prerequisites: Research Profile, Lab Worker Form, Animal Handler Form, and IACUC/DLAM on-line orientation [link](http://cfx3.research.unc.edu/iacuc_reg/). In Glaxo room 148 from 10:00-12:00pm. To register: [link](http://cfx.research.unc.edu/res_classreg/browse_single.cfm?New=1&event_id=22015).

June 18th

**How to Build Your Network Using LinkedIn.** In this hands-on workshop, Dr. Patrick Brandt will show attendees how to use the online professional networking tool LinkedIn. Tasks that will be demonstrated include how to take advantage of the untapped potential of LinkedIn Groups, how to add files to your profile, how to import contacts to build your connections, how to perform reverse employer searches to prepare for interviews, and many others. The workshop is limited to 30 participants and will be most effective if you have [registered for and started](http://www.med.unc.edu/www/events/photoshop4-copy/view) your own LinkedIn profile prior to the workshop. Held from 4:00—5:00pm in Health Science Library 307. Click here to register.

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 from 12:00-1:00pm. To register [link](http://bioinformatics.unc.edu/cgi-bin/dev/seminars.cgi?db=default&uid=&view_records=1&ID=*&mh=10&sb=5&so=ascend).

June 19th

**12:00 noon, TIBBS Social—LocoPops on the MBRB Lawn.** Come out to the MBRB lawn to catch up with friends and enjoy some gourmet LocoPops!

DNA and Protein Motif Analysis in Vector NTI  with Thomas Randall, PhD. This session will focus both on the DNA and protein motif analysis operations available in VNTI. Prior experience with VNTI is expected and is absolutely necessary. How to do DNA/protein searches of the Explorer Database will be demonstrated. How to display motifs in AlignX alignments will also be covered. Managing Oligos in the Oligo database within VNTI will also be discussed as well as some graphics display focusing on the creation and manipulation of features. PC laptops will be used in the session. Some functions that will be discussed are not available on the Mac. The session will be scheduled for 2 hours. The session will be from 2-4 pmin room 3136 Bioinformatics. To register: [link](http://bioinformatics.unc.edu/cgi-bin/dev/seminars.cgi?db=default&uid=&view_records=1&ID=*&mh=10&sb=5&so=ascend).

June 22nd

**Meeting of the TIBBS Undergraduate Teaching Interest Group.** Attendees will listen to and critique a mock lecture given by an assigned group member. A light dinner will be served. Please contact Dr. Jackie Swanik for more information. Held from 5:00—7:00pm in Bondurant 1074.

June 23rd

**ContigExpress in Vector NTI** with Thomas Randall, PhD. This session will focus on the ContigExpress (CE) function in VNTI. Version 10.3 will be used. Prior experience with Vector NTI is essential. We will go over how to create and manage projects in CE. The managing and editing of both individual and groups of chromatographs will be covered. The various parameters involved in the assembly algorithm will be covered. From a group of chromatographs, we will assemble and edit a DNA contig that can be moved into Vector NTI. As the function of CE is very similar to Sequencher some of the pros/cons of these tools will be discussed. The session will be from 2-4 pmin room 3136 Bioinformatics. To register: [link](http://bioinformatics.unc.edu/cgi-bin/dev/seminars.cgi?db=default&uid=&view_records=1&ID=*&mh=10&sb=5&so=ascend).
June 24th
Mouse Handling Class  The Mouse Handling and Techniques class is a hands-on wet lab designed to teach students basic techniques in mouse handling including restraint, simple injections, bleeding techniques, anesthesia and euthanasia. This course is required for Laboratory Animal Coordinators in laboratories working with live mice. All other mouse users on campus are welcome to attend; otherwise training may be provided by a certified 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 10:00-12:00pm in Glaxo Room 148. To register: http://cfx.research.unc.edu/res_classreg/browse_single.cfm?New=1&event_id=22016

June 25th
Essential Skills for Success in Industry  Session 3 - People Management  In this session, industry panelists will discuss talent management, leadership skills, hiring, interviewing, and performance evaluations. Held from 3:00-5:00pm in Bondurant Hall G100. To register http://cfx.research.unc.edu/res_classreg/browse_single.cfm?New=1&event_id=21868

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 from 12:00-1:00pm. To register http://www.med.unc.edu/www/events/photoshop5-copy/view

June 26th
Breeder Policy Lecture  This course is required for all Principal Investigators and mouse handlers with breeding colonies. The one hour lecture reviews the Institutional policy concerning cage population densities: housing and breeding mice. Held from 10:00-11:00am in Glaxo Room 148. To register http://cfx.research.unc.edu/res_classreg/browse_single.cfm?New=1&event_id=22018
June 2009 Cheap Things to do Around Campus

Family activities are in red

FEATURED EVENTS

27th Annual Hillsborough Hog Day
Now in 27th year, Hog Day offers family fun, good food, live music, crafters, merchandise vendors, games and rides, lots of barbecue. Orange County's largest green festival. Fri, 6-10pm; Sat, 9am-6pm. Sponsored by the Hillsborough/Orange County Chamber of Commerce. FREE

Special Olympics
The Opening Ceremonies are in Dorton Arena at NC Fairgrounds and are FREE
Volunteer to help – it is a lot of fun!
Register to Volunteer at http://www.sonc.net/volunteers/sg_volunteers.asp
June 5th through June 7th at various locations in Raleigh and Cary

Twilight Tours Carnivore Preservation Trust
Ever been on a twilight walk with tigers? Now's your chance! Every Saturday from now through October, with times varying depending on twilight, enjoy this unique tour opportunity. Reservations must be made–please call for tour time availability. Tours are restricted to persons 13 years of age and older. $12 Call 542-4684

Bynum Front Porch
Through support from the Chatham Arts Council, the organization is able to present the annual Bynum Front Porch Music Series that takes place at the Bynum General Store every Friday night from May to September. It is open to the public and features a variety of bands spanning multiple musical genres including gospel, folk, blues, rockabilly and bluegrass. Other programs include the Bynum Front Porch Pickin’, various children’s programs and fundraisers. FREE Go to http://www.bynumfrontporch.org/index.php for details

DURHAM PERFORMING ARTS CENTER
Steely Dan June 9th
The Big Black Comedy Show June 13th
Shen Wei Dance Arts June 18th to June 20th
Cedar Lake Contemporary Ballet June 25th through June 27th

PROGRESS ENERGY’S CENTER FOR THE PERFORMING ARTS
Celtic Women Isle of Hope June 6th
Miss North Carolina Pageant June 23rd through June 27th
Jersey Boys Broadway Series South June 24th through July 18th

KOKA BOOTH AMPHITHEATRE
Red Clay Ramblers June 6th
An Evening with Michael Feinstein: The Sinatra Project June 13th
Elvis Costello June 14th
Cirque de la Symphonie June 27th

DURHAM BULLS HOME GAMES
June 1st through June 5th
June 15th through June 22nd
**June 2009 Cheap Things to do Around Campus (Page 2 of 11)**

**Family activities are in red**

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**TIME WARNER CABLE MUSIC PAVILLION**

Brad Paisley w/ Dierks Bentley and Jimmy Wayne June 6th
No Doubt with Paramore June 8th
Bad Company / The Doobie Brothers June 23rd

**CAROLINA BREWERY SUMMER MUSIC FESTIVAL**

Party on the Patio at the Pittsboro Location
June 6th Blue Diablo
June 13th Down by Avalon
June 20th Not Dead Yet
June 27th Puritan Rodeo

**AMERICAN TOBACCO CAMPUS MUSIC ON THE LAWN**

Beverly "Guitar" Watkins June 11th
The Grass Cats June 19th
Durham Jazz and Durham Community Concert Band June 26th
Big Medicine June 26th

**Southern Village Summer Music Series**

African-American Traditions: The Mighty Gospel Inspirations (Five Part Harmonies) and Dashawn Hickman and Steel Moven (The Searing Sound of Sacred Steel) June 7th
Will McBride Group (Jazz/Rock Fusion) June 14
John Howie, Jr. and Rosewood Bluff (Honky Tonkin' Country Music) June 21
10th Annual Performance in Southern Village by the N.C. Symphony June 26
The Ramblers (Legendary N.C. String Band) June 28

**JUNE 1ST THROUGH JUNE 11TH**

**The Paintings of Eduardo Lapetina**

The FedEx Global Education Center is pleased to host an exhibition of abstract paintings by Eduardo Lapetina. Argentinean artist, Eduardo Lapetina uses symbolic shapes and colors to express deep emotions and passions. He applies paint to the canvas by pouring, splashing, dripping, and scratching. His pieces, with layer upon layer of paint, create a sensuous and turbulent surface texture that is as vital and as complicated as life itself. Lapetina uses color to allure an imaginative and subtle spatial elusiveness.

**THURSDAY JUNE 4TH**

**First Thursday Science Forum**

The Nuclear Renaissance is the first topic to be discussed in this new series of roundtables that explores a science topic that's making headlines—or should be. Coffee, tea and cookies are provided as the conversation flows.

Morehead Planetarium & Science Center - 250 East Franklin St - Chapel Hill (919) 962-1236 - [Website Free](#)
THURSDAY JUNE 4TH (continued)

Southern Fried Poetry Slam
This performance poetry competition, which travels to a different southern city annually, has grown into one of the largest poetry conventions in the nation. The event will culminate with the Best of the Best meeting on the final stage to compete for the title of 2009 Southern Fried Champion! June 4 - 6, 2009 Details tba. Hayti Heritage Center, 804 Old Fayetteville St (919) 683-1709

"Age of Arousal" Play
In this witty and shocking comedy of manners, five Victorian women pursue a new age where erotic and economic freedom reign supreme. Tickets $20 5/29 (includes reception) $12 W-Th, $17 F-Su, $8 student rush with ID. June 4 - 7, 2009 8:15pm W-Sa, 3:15pm Su. Manbites Dog Theater, 703 Foster St. (919) 682-3343

FRIDAY JUNE 5TH

Fridays on the Front Porch
Kick back, relax and get a jump-start on the weekend with live bluegrass music, a classic southern buffet or Tiny Vittles menu and full bar service. Plenty of comfortable seating under the shady oaks and magnolias on the front lawn. Mick Mixon and Franklin Street performs. The Carolina Inn - 211 Pittsboro St - Chapel Hill (919) 933-2001. No cover charge. 5:00 PM

Fridays Uncorked (Beer Tasting)
What's in Our Beer Nook? Tonight, for a change, our beer buyer Jacob Manning will offer tastings of a cross section of our offerings from Belgium to Germany and a few of America's best microbreweries. A Southern Season - 201 South Estes Dr - Chapel Hill (919) 929-7133. Per person, $10. 06:30 PM - 08:00 PM

Carrboro Community Book Forum
Lyle Estill, author of 'Small is Possible: Life in a Local Economy,' will lead a discussion with Michael Tiemann, a founder of the Open Source movement, and William (B.J.) Lawson, PLENTY Revitalization board member. Estill's book focuses on the local economy of Chatham County and is valuable to anyone interested in sustainability, co-ops, biodiesel, whole foods, slow food, small business and more. Carrboro Century Center - 100 North Greensboro St – Carrboro (919) 918-7387. Free. 8:00 PM

Stella sings at Mansion 462
7-woman Durham, NC-based a cappella group Stella performs. Doors open early. Cash bar. Mansion 462 has a full bar. About Stella's latest cd: ‘Open your ears to these beautiful women's voices and your heart will open too. You'll be delighted, intrigued, and entertained. You'll turn to gooseflesh. This record is gorgeous.’ (Lise Uyanik of the Mobile City Band) Mansion 462 - 462 W. Franklin Street - Chapel Hill (919) 493-4775. Website. $10.00 8:30 PM

Sara Watkins Concert
This 27-year-old singer-songwriter and fiddle player, who has spent most of her career as one third of Nickel Creek, is releasing her self-styled solo CD recorded in Los Angeles and Nashville. Part of the American Roots Series. The ArtsCenter - 300-G East Main St – Carrboro (919) 929-2787. Website. Public, $20; members, $18.

Little Windows - Brightleaf Square Concert (Live Music)
Featuring a mix of Appalachian and Irish music, with a special focus placed on unaccompanied ballads. FREE admission. June 5, 2009 7-9pm. Brightleaf Square, Gregson St. at Main St. (919) 682-9229
June 2009 Cheap Things to do Around Campus (Page 4 of 11)

Family activities are in red

FRIDAY JUNE 5TH (continued)

Coffee Cuppings (Fridays)
A chance to taste interesting varieties of coffee. Immediately following each cupping participants can join a free, guided tour of the roastery and headquarters. FREE and open to the public. June 5, 2009 10am.Counter Culture Coffee, 4911 South Alston Ave. (919) 361-5282

SATURDAY JUNE 6TH

"Bellydance Raqs" Party & Show*
Rock ’n Roll themed bellydance party and show. Open dance floor to immediately follow show, so bring your hip scarf and wear your rock gear! Tickets $14, $10 in advance. June 6, 2009 7:30pm.Common Ground Theatre, 4815B Hillsborough Rd. (919) 698-3870

Duke Homestead Herb, Garden and Craft Festival
Enjoy this historical outdoor herb festival, which features traditional herbal use displays and a wide variety of herb and craft vendors. Musical entertainment, guided tours of the Homestead, and food will be available. FREE admission. June 6, 2009 10am-4pm
Duke Homestead State Historic Site and Tobacco Museum, 2828 Duke Homestead Rd. (919) 477-5498

Beaver Queen Pageant
Annual neighborhood 'pageant' featuring live music and fun. Contenders for the Beaver Queen Crown are scored for their performance in wetlands readywear, talent, and personal essay/evening wear. Following a Florida election model, the audience bribes celebrity judges, pays poll taxes and purchases swag to raise money for the El-lerbe Creek Watershed Association, FREE admission. June 6, 2009 5pm pre-show, 6pm pageant.Duke Park, 1530 Arcadia St. keobrien27701@yahoo.com

Annual Nub & Grub Benefit
Enjoy hickory smoked BBQ plates with baked beans, slaw and chips while watching events that include Musical Fast Sit, Rescue Dog Parade, Mixed Breed Dog Show, Best Trick Contest and Silent Auction. All leashed and vaccinated pets are welcome. Proceeds benefit Blue Ridge Boxer Rescue. June 6, 200912-4pm.West Point on the Eno City Park, 5101 N. Roxboro Rd. (919) 471-1623 08:30 AM

Walkable Hillsborough Day
Celebrate National Trails Day by joining other pedestrians and cyclists at the town's newly opened Gold Park for an informational walk along the trails and a bike ride led by the Carolina Tarwheels, followed by games, activities, information booths, prizes and refreshments. Gold Park - 415 Dimmocks Mill Rd – Hillsborough (919) 732-1270 - Website Free.

Tarheel Appaloosa Show Hunt Horse Complex 8:00 am Saturday and 9:00 am on Sunday FREE

Carolina Rollergirls Dorton Arena | NC State Fairgrounds | Raleigh, NC
Box Office Opens at Noon Tickets are $10 | 1st Game: 5:15pm | 2nd Game: 6:30pm
Guided Tours of the Plant Collection
NC Botanical Garden, Totten Center off of 15-501/54 Bypass at Old Mason Farm Rd. Description: A Botanical Garden curator leads first-Saturday tours; trained tour guides lead other Saturdays. No registration necessary. 10:00 AM - 11:00 AM FREE

7th Annual Discovering Magic in the Garden
A special family-centered event at the North Carolina Botanical Garden. Come dressed in your most magical costume and celebrate with us the wonders of nature. There will be nature-based, fun activities throughout the Garden, including Magic Mud Pie Café, Magic Beans, Fairy Find, and much more! Preregistration is required. $10 per family 962-0522 09:00 AM - 12:30 PM

Annual Youth Fishing Rodeo
Families with children three to 15 are invited to a fishing competition, with prizes in various categories. Bring a fishing pole and bait to Bob Strayhorn's Pond and bait or use several available. Site opens at 9am for registration from 9:15 to 9:45. Fishing runs from 9:30 to 11:15, followed by a free hot dog lunch. Strayhorn's Pond - New Hope Church Rd – Hillsborough (919) 245-2660 - Website Free. 10:00 AM - 12:00 PM

7th Annual Discovering Magic in the Garden
Come dressed in your most magical costume and celebrate the wonders of nature at a special family-oriented event, where there'll be fun nature-based activities including Magic Mud Pie Café, Magic Beans, Fairy Find and much more. North Carolina Botanical Garden - 100 Old Mason Farm Rd - Chapel Hill (919) 962-0522 - Website Per family, $10; members, $5. 10:00 AM - 02:00 PM

New Southern Community Park Dedication
The program and celebration will feature entertainment and performances, tours of the facility and public art, demonstrations of inline hockey and Frisbee golf, a trail building workshop, and fun for the entire family. Southern Community Park - US Highway 15-501 - Chapel Hill (919) 968-2784 - Website Free. 11:00 AM - 06:00 PM

Music in the Meadow
A family outdoor live music event with games, food and fellowship, featuring a variety of bluegrass, country, classic rock and contemporary Christian rock bands, including In Stereo (www.instereo-band.com) and The Cagle Family (www.caglefamilybluegrass.com), among others. (919) 967-1029 - Website Adults, $7.50 advance, $10 at the gate.

Sunday Night Karaoke
June 7, 2009 9pm. City Beverage, 4810 Hope Valley Rd. (919) 401-6500 11:00 AM - 01:00 PM

Jazz & More Sunday Brunch
Enjoy a Sunday brunch on the lawn of the market, with performances by various groups, including jazz, bluegrass, Celtic, folk, traditional, oldtime, Klezmer, American, poly-ethnic and percussion, dancers and more. Weaver Street Market - 101 East Weaver St - Carrboro (919) 929-0010 - Website Free admission.
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Family activities are in red

TUESDAY JUNE 9TH

15th Annual Summer Public Health Research Videoconference on Minority Health
1:30 pm to 4:00 pm Tate Turner Kuralt School of Social Work Room 136. Howard Lee, longtime political leader in N.C. and former mayor of Chapel Hill, will moderate a panel discussion of "Breaking the Cycle: Investigating the Intersection of Educational Inequities and Health Disparities," part of a live, interactive broadcast on Tuesday, June 9, at 1:30 in the Tate-Turner-Kuralt auditorium. Other panelists include Reginald Weaver, Dina Castro and Nicholas Freudenberg. For more information, visit www.minority.unc.edu. FREE

MONDAY, JUNE 10TH

The Rosebuds - Music in the Gardens Concert

FRIDAY JUNE 12TH

Fridays on the Front Porch
Kick back, relax and get a jump-start on the weekend with live bluegrass music, a classic southern buffet or Tiny Vittles menu and full bar service. Plenty of comfortable seating under the shady oaks and magnolias on the front lawn. Gravy Boys perform. The Carolina Inn - 211 Pittsboro St - Chapel Hill (919) 933-2001 - Website No cover charge.

Art After Dark
Open until 9:00PM
Gallery talks begin at 6:45PM, music at 5:00pm
Visit the Ackland for Art after Dark! During these special evening hours, enjoy our cash bar (beer and wine), light refreshments, live DJs, and - for the first time this summer - the Ackland is pleased to present three local artists in the series Out of the Studio, an ongoing initiative to make connections between the Ackland our rich community of contemporary artists. FREE

Fridays Uncorked (Wine Tasting)
French Wines from Languedoc-Roussillon: The first region in the world to produce wine is currently the largest producer in France. Home to our wine manager Virgile Rousseau, it also offers some of the best wine values. A Southern Season - 201 South Estes Dr - Chapel Hill (919) 929-7133 - Website Per person, $16. 6:00 PM - 9:00 PM

Second Friday Art Walk
About two dozen art galleries and businesses stay open late for shopping, and many offer live music and refreshments. Map available at each stop. Visit Website for details.
Various locations - Downtown - Chapel Hill and Carrboro Website Free admission. 8:00 PM

Words to Music: Songwriters Up Close
Event showcases intimate acoustic performances and engaging conversation about the songwriting process and features Peter Holsapple, founder of the dBs; Caitlin Cary, of the Tres Chicas; and Jon Shain, folk-based blues performer. Deep Dish Theater - 201 South Estes Dr - Chapel Hill (919) 968-1515 - Website Tickets, $12.
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**Family activities are in red**

**SATURDAY JUNE 13TH**

*Free* Brewery Tour and Tasting noon, 1:00 and 2:00 at the Piitsboro Carolina Brewery Call 545-2330 10:00 AM - 05:00 PM

**Family Fun Day in Hillsborough**
A day of activities that will appeal to all: guided tours, children's activities, artisan demonstrations, farmers' market, a scavenger hunt, blacksmithing demonstration, shopping, a wine tasting, dining and more. Throughout town - North & South Churton Sts - Hillsborough
(919) 732-7741 - Website Free. 10:00 AM

**Second Saturday Walking Tours 10 am & 2 pm**
Sponsored by the Alliance for Historic Hillsborough, 90 minute walking tours of the historic district. No appointment necessary, 10am & 2pm starting at the Alexander Dickson House, 150 E. King Street. Alexander Dickson House - 150 E. King Street - Hillsborough
(919) 732-7741 - Website $5 7:30 PM

**North Carolina Rhythm Tap Festival**
The NCRTF presents 'The Show,' tap dancing from the traditional to the avant garde, featuring legends and rising stars from Broadway hits 'Stomp' and 'Bring in Da Noise'. The ArtsCenter - 300-G East Main St – Carrboro
(919) 929-2787 - Website Public, $15; members, $13. Sunday 11:00 AM - 01:00 PM

**Jazz & More Sunday Brunch**
Enjoy a Sunday brunch on the lawn of the market, with performances by various groups, including jazz, bluegrass, Celtic, folk, traditional, oldtime, Klezmer, American, poly-ethnic and percussion, dancers and more. Weaver Street Market - 101 East Weaver St - Carrboro
(919) 929-0010 - Website Free admission. Friday June 19th

**WEDNESDAY JUNE 17TH**

**Starry Summer Nights 7:30 pm to 9:00 pm.** Explore the summer skies in Morehead's star-filled planetarium dome. Learn to identify the planets, bright stars and constellations best seen this summer while enjoying stories from various cultures about star patterns in the heavens. Morehead educators will also share information about meteor showers and other seasonal celestial events. $12

**THURSDAY JUNE 18TH**

Understanding the Effects of Conflicting Information on Medication Adherence for Vasculitis
Patients
Delesha M. Carpenter, Doctoral student in the Dept. of Health Behavior and Health Education, Dissertation Defense: Using the Information-Motivation-Behavioral Skills model as a theoretical guide, the primary aim was to explore the relationships between conflicting information, adherence support, outcome expectations for medications, adherence self-efficacy, and medication adherence. A secondary aim was to describe patients' most frequently used information sources, determine which sources patients perceived as credible, and investigate whether there were gender differences in the use and perceived credibility of sources. 10:00 am to 11:00 am Room 2301 McGravan-Greenberg FREE
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Family activities are in red

FRIDAY JUNE 19TH

**Gallery crawl with live music and other performances.** Maps available at each participating location. June 19, 2009 6-11pm. Various Locations Downtown, including Durham Arts Council, Bull City Arts Collaborative, Through This Lens and more.

**The Deal - Brightleaf Square Concert (Live Music)**
Featuring a mixture of rock and blues from the 70s and 80s, as well as soul and contemporary tunes, **FREE admission.** June 19, 2009 7-9pm. Brightleaf Square, Gregson St. at Main St. (919) 682-9229

**"Mountain Top Removal" Film Screening**
Screening of Mike O'Connell's multi-award-winning film with a panel discussion to follow. Admission $5. June 19, 2009 7:30pm. Durham Arts Council's PSI Theater, 120 Morris St. (919) 308-3714

**Fridays on the Front Porch**
Kick back, relax and get a jump-start on the weekend with live bluegrass music, a classic southern buffet or Tiny Vittles menu and full bar service. Plenty of comfortable seating under the shady oaks and magnolias on the front lawn. Big Fat Gap performs. The Carolina Inn - 211 Pittsboro St - Chapel Hill (919) 933-2001 - Website No cover charge. 05:00 PM

**Fridays Uncorked (Wine Tasting)**
Pop the Cork! Tomorrow is Summer: For the hot months to come, we want to give you the tools to enjoy many summer occasions, like light roses at the beach, crisp whites on the porch and reds to go with all kinds of picnics. A Southern Season - 201 South Estes Dr - Chapel Hill (919) 929-7133 - Website Per person, $14. 8:30 PM

**The Radiators Concert**
Fans say that The Radiators are New Orleans, like red beans and rice. Their performance is part of the 6th annual American Roots Series. The ArtsCenter - 300-G East Main St - Carrboro (919) 929-2787 - Website Public, $24; members, $22.

**Yoga in the Galleries**
12:00 pm to 1:00 pm at Ackland Art Museum Namasté! Take a break from your day and explore the world of yoga in the beautiful setting of the Ackland! Yoga mats and museum cushions are provided. Please wear comfortable clothing that will allow you to stretch. Since the Galleries can be cool, long sleeves are recommended Beginners welcome $5

SATURDAY JUNE 20TH

**Meet a Scientist**
Join Dr. Jeff Dangle as he discusses cutting-edge science with "DNA and the Genomics Revolution: From Human Health to Water Conservation." 12:30 pm to 1:30 pm Morehead Planetarium **FREE**
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Family activities are in red

SATURDAY JUNE 20TH (Continued)

Herbarium Mount-a-Thon
Learn how botanical information is collected, stored, and used, while you help the UNC Herbarium mount specimens for permanent storage. An herbarium is a museum collection of plant specimens. Each specimen consists of a sheet of paper with a dried and flattened plant attached along with information on where the specimen was collected. The UNC Herbarium collection helps scientists and resource managers identify new weeds, the historical distribution of endangered plants, plants of state parks, national parks, seashores, riverways, and wildlife refuges, and much more. Such information is crucial to those interested in planning North Carolina's future as our state and region continue their fast-paced development. No experience is necessary; materials and training provided. No pre-registration necessary: just show up! 1:00 pm to 5:00 pm NC Botanical Garden FREE

Rory Block Concert
Hard to believe: It's been four years since she brought her Delta blues guitar playing here. Part of the 6th annual American Roots Series. The ArtsCenter - 300-G East Main St - Carrboro (919) 929-2787 - Website Public, $19; members, $17.

SUNDAY JUNE 21ST

Music in the Galleries
Every third Sunday of the month, enjoy free music in the Ackland galleries. A wide variety of performers can be found - from classical quartets to live DJs - to enhance your museum experience. In addition, the Ackland also features special ticketed concerts throughout the year. This Sunday's performance features violinist Richard Luby performing Bach selections. 2:00pm to 4:00 pm FREE 11:00 AM - 01:00 PM

Jazz & More Sunday Brunch
Enjoy a Sunday brunch on the lawn of the market, with performances by various groups, including jazz, bluegrass, Celtic, folk, traditional, oldtime, Klezmer, American, poly-ethnic and percussion, dancers and more. Weaver Street Market - 101 East Weaver St - Carrboro (919) 929-0010 - Website Free admission

WEDNESDAY JUNE 24TH

Theater on the Green

FRIDAY JUNE 26TH

Fridays on the Front Porch
Kick back, relax and get a jump-start on the weekend with live bluegrass music, a classic southern buffet or Tiny Vittles menu and full bar service. Plenty of comfortable seating under the shady oaks and magnolias on the front lawn. Mick Mixon and Franklin Street performs. The Carolina Inn - 211 Pittsboro St - Chapel Hill (919) 933-2001 - Website No cover charge. 05:00 PM
FRIDAY JUNE 26TH (Continued)

**Fridays Uncorked (Wine Tasting)**  
An Evening With Kermit Lynch: Author and importer Lynch, with one of the best portfolios of French wine in the U.S., will lead you through the highlights of his portfolio from a number of the regions he represents. A Southern Season - 201 South Estes Dr - Chapel Hill (919) 929-7133 - Website Per person, $15. 6:00 PM - 9:00 PM

**Last Fridays in Hillsborough**  
Art galleries, attractions and other businesses stay open late with music, crafts, performers, film and visual art exhibits, refreshments and more every month on the Last Friday, sponsored by the Hillsborough Arts Council. Downtown Hillsborough - Churton and King Streets – Hillsborough (919) 643-2500 - Website Free.

**Carnavalito - Brightleaf Square Concert (Live Music)**  
Lively Latin music, featuring a great variety of Latin rhythms (Afro-Cuban, cumbia, jazz, merengue, samba, salsa, and rock). FREE admission.

**Brightleaf Square**, Gregson St. at Main St.(919) 682-9229 7-9pm.

**Starry, Starry Night**  
View the stars and learn about constellations through the open views over Lake Michie. FREE. June 26, 2009 9-11pm. Lake Michie Boathouse, Bahama Rd.(919) 620-8154

**THRIVE**  
Members of the LGBT community and their allies are invited to enjoy the hottest dance music from club house remixes, funky house and mind blowing trance mixed to perfection by DJ's Aron Wayne, Slipstream and Nogui. Must be 18+. Admission $5.  
June 26, 2009 11pm-2am. Club 9, 746 Ninth St. (919) 286-0777

SATURDAY JUNE 27TH

**"Beer Y'all" Film Screening**  
"Beer Y'all" follows nine days of hanging out with brewers, partying at rock shows, and drinking many, many beers as seven friends celebrate friendship, music, and a Southern microbrewing explosion in NC. Food, live music. June 27, 2009 6pm. Triangle Brewing Company, 918 Pearl St. (919) 683-2337

**Disco Diva Drag Bingo**  
Durham Armory Doors open at 6 PM, show begins at 7 PM. Advanced tickets are $17.

**Scenes from the Secret Life of Turtles: Spotted Turtles and Diamondback Terrapins**  
In this family-oriented workshop, we will focus on the habits and behaviors of two beautiful yet endangered NC turtles: the Spotted Turtle (Clemmys guttata) and the Diamondback Terrapin (Malaclemys terrapin). Bob Palmatier, certified environmental educator, will share stories and experiences about both species from sixteen years of field research under Endangered Species permits from the NC Wildlife Resources Commision. Turtles of both species will be on hand to observe and photograph. A vivid Powerpoint presentation will take participants into the habitats and "secret lives" of both species. Appropriate for interested 5th graders through adults. 2:00 pm tpo 3:30 pm NC Botanical Garden Totten Center $15 per person or $25 per family
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SATURDAY JUNE 27TH (Continued)

Skywatching Session
Join Morehead educators and amateur astronomers to view sky objects through telescopes. Check Morehead's Web site for directions and to make sure weather conditions will permit us to hold this activity. Call 962-1236 for more information and directions 9:10 pm to 11:10 pm FREE

Stock Car Racing
The fastest 3/8-mile paved oval track in the nation offers an exciting card on its high-banked wide turns, making for exciting competitive action. Track is open on race days (Mar-Nov), noon to midnight. Tower seats, $25. Orange County Speedway - 9740 NC Highway 57 – Rougemont (336) 364-1222 - Website Adults, $10; students, $8; children. Free.

SUNDAY 28TH

Jazz & More Sunday Brunch
Enjoy a Sunday brunch on the lawn of the market, with performances by various groups, including jazz, bluegrass, Celtic, folk, traditional, oldtime, Klezmer, American, poly-ethnic and percussion, dancers and more. Weaver Street Market - 101 East Weaver St - Carrboro (919) 929-0010 - Website Free admission. 11:00 AM - 01:00 PM