

SEXUAL ASSAULT ON CAMPUS

## Bystander prevention takes off

**Universities are beginning to implement trainings focused on tackling sexual assault.**

By Paige Connelly  
Staff Writer

UNC students taking the newly required sexual assault education module this semester weren't alone — nationwide, schools are implementing similar programs for students, faculty and staff.

In January, University students began to complete the online training, which incorporates aspects such as defining sexual assault and giving an overview of resources for victims. It's part of a new federal mandate for schools to provide certain educational opportunities regarding sexual assault prevention and awareness.

"This is just one component of the University — it's one piece of the broader program we have in place," said Hilary Delbridge, the spokeswoman for the University's Title IX compliance office.

After three and a half months, 80 percent of faculty and 86 percent of students have completed the online module.

Maddy Frumkin, a co-chairwoman of Project Dinah, which advocates for better sexual assault awareness and prevention, said the training is a good start but isn't as thorough as she would prefer.

"I think they definitely are beneficial in that it's just letting everyone have the same information and making sure it's accessible to everyone," Frumkin said. "But I think UNC could've personalized it a bit more for our campus and made it less general in that way."

Both UNC and N.C. State University require students who are part of fraternities and sororities to complete sexual assault education training — but Alexis Gaines, a senior at N.C. State, said she doesn't think her school's program is as effective as it could be.

"It was more focused on telling us about how Greek life has more incidents with sexual assault than telling us about preventing it or providing resources," she said.

Delbridge said UNC's trainings are what students make them, and while one online training might not be enough, there are multiple other resources that UNC provides students.

"It's a combination of programs; it's online trainings, it's in-person prevention efforts. No one online training is going to solve this issue and change behavior. It's a combination of things," she said.

North Carolina universities aren't the only schools implementing trainings.

In Virginia, a sexual violence task force is examining solutions for its campuses, including more training for employees and people who work with victims. The state's flagship campus, the University of Virginia — which declined to comment for this story — has faced months of scrutiny related to sexual assault.

The University of Tennessee, which has also been under a recent sexual assault spotlight, has launched a series of training efforts over the last two years.

The school requires incoming freshmen to complete a training during orientation, and there are additional, optional trainings for students.

Ashley Blamey, the director of the Center for Health Education and Wellness at the University of Tennessee, said the school focuses on a bystander program to teach students how to help potential sexual assault victims.

"These events most often take place in social settings and typically by someone the student knows," she said. "Our goal is to create a community level of commitment around the idea that this is something we're not going to tolerate."

Blamey said the multiple resources for students at Tennessee are integral because of the impact college students are able to make.

"We're all just really grateful to see

SEE [TRAINING](#), PAGE 6

## THE BUSINESS OF PANHANDLING

Franklin Street business owners fear panhandlers deter customers

By Meg Garner  
Senior Writer

As panhandling persists on Franklin Street, businesses are worried about the effects the practice will have on customers and sales.

"If there are two dining options, and one dining option you have to walk through a sea of panhandlers, you're going to decide on the other option," Sup Dogs owner Bret Oliverio said.

"So, as a business owner, I instruct our managers to not allow that to go on in front of our restaurant."

Panhandling is defined in two ways: passive and aggressive. The latter, as its name suggests, poses a much larger problem.

Aggressive panhandling is when a panhandler solicits money with actual or implied threats or menacing actions, and Oliverio said he believes it can be a real business killer.

But Neil Slater, who said he is a panhandler, said he has yet to see anyone aggressively panhandle. Slater also said he disagrees with the idea that panhandling negatively impacts businesses.

"I don't see how it could affect their business," Slater said. "There are people everywhere down here. It's clearly not running people off."

Furthermore, he said for those who panhandle it often feels as if the police comply more with business owners' wishes than actual ordinances.

"An officer came to me one day and said a business owner called and complained about me leaning against a tree, and I'm like, I don't see how that's illegal," he said.



DTH/KYLE HODGES

Neil Slater, a panhandler, sits in front of The Clothing Warehouse on East Franklin Street on Wednesday.

Since 2012, in which there were 30 panhandling arrests, arrests decreased to just 16 arrests made in 2014. There have been seven arrests for panhandling in 2015, which is three more than this time last year.

While arrests are going down, some arrests are cited as other violations, such as an open container violation, as opposed to being solely a panhandling arrest, which might make numbers seem lower than they are, according to information provided by the Chapel Hill Police Department.

Lt. Josh Mecimore, spokesman for the police department, said another problem is that not all calls reporting panhandling result in an arrest because the suspected panhandler might not be at the

scene when an officer arrives.

Oliverio said there must be a fundamental change in the way panhandling is treated to end it.

"You have the same people being arrested three or four times a week for the same offenses," he said. "I've talked to the police, and I know they are doing everything they can. But something has to change, or the businesses are going to continue to be affected."

Samantha Millisor manages the Walgreens at 108 E. Franklin St., where panhandlers often ask customers for contributions.

"We try to educate the customers and students that they don't have to help the panhandlers because we see them and hear them all day, and we know what

they are bringing in the money that the students are giving them to buy," she said.

Meg McGurk, director of the Chapel Hill Downtown Partnership, said in an email that the partnership encourages the community not to give money directly to panhandlers.

In 2007, the partnership spearheaded a campaign called Real Change from Spare Change to raise money for various charities that encourage street outreach such as Housing for New Hope.

But over time the program was boiled down to a public message encouraging people not to directly give to panhandlers, according to Jamie Rohe, coordinator for the

SEE [PANHANDLERS](#), PAGE 6

## Jubilee draws thousands

**The outdoor concert was a success, student attendees said.**

By Jenny Surane and Jane Wester  
Senior Writers

If the wall separating South Road from Hooker Fields was any indication, Rae Sremmurd's on-campus performance Saturday was a success.

The wall was filled with fans who presumably found the \$5 ticket price too high. The sold-out Carolina Union Activities Board Jubilee concert Saturday offered free pop-sicles, light-up beach balls and headline act Rae Sremmurd.

The show, which was held on Hooker Fields, was the first Jubilee concert since Johnny Cash and the Temptations played on UNC's campus in 1971.

"I think students had a really good time," said senior Gabe Chess, outgoing president of CUAB. "I know the artists had a great time and were really appreciative of the fun crowd."

The board's refusal to grant the duo's request in their contract for two spicy crunch Doritos tacos from Taco Bell ignited a social media campaign, including a tweet from Rae Sremmurd's own account asking to #GiveJxmTacos.

Students offered to bring tacos to the concert if CUAB would not provide them. The group appeased the demands at 3 p.m. Saturday, tweeting a photo of several tacos for the duo's green room.

"A bunch of my close friends really wanted to go, and I didn't want to miss out," said sophomore Rebecca Hoffman. "I think it was a really smart decision to have it outside. It was a really great night for it, the weather was nice."

The Department of Public Safety cited two people for consuming alcohol on Hooker Fields on Saturday between 7:50 p.m. and



DTH/CHRIS CONWAY

Rae Sremmurd and Well\$ performed at UNC Friday afternoon at Jubilee, a concert presented by the Carolina Union and Activites Board.

9:40 p.m. Another person was cited for fighting at 8:46 p.m. at Hooker Fields on Saturday. Students could enter the fields beginning at 6 p.m.

"When you do shows late at night at that time with an artist who is very much party-oriented, it's certainly a risk and reality," Chess said. "We had a bag check, and we had plans set in to minimize the amount of illegal things brought in, but I have no doubt that students are very creative."

Many students were glad CUAB was able

SEE [JUBILEE](#), PAGE 6

## Universities weigh value of divesting

**About 6.5 percent of UNC's endowment is invested in energy.**

By Eric Surber  
Staff Writer

Pressure is building for universities around the world to divest from fossil fuel-related energy companies — but for many schools, including UNC, the process has proven to be slow.

According to Fossil Free, an organization that promotes divestment, just 26 universities around the world have committed to rid their endowments of fossil fuels.

UNC students voted overwhelmingly in 2013 to ask the University to divest from coal. Then-Chancellor Holden Thorp promised to make UNC coal-free by 2020. That goal isn't likely to be met.

On March 31, Syracuse University announced a commitment to divest its \$1.18 billion endowment from fossil fuel companies, following intense urging by Divest SU, Syracuse's student organization committed to promoting sustainable energy.

"Syracuse has a long record of supporting responsible environmental stewardship and good corporate citizenship, and we want to continue that record," said Chancellor Kent Syverud in a released statement. "Formalizing our commitment to not invest directly in fossil fuels is one more way we do that."

About 6.5 percent of UNC's \$2.7 billion endowment is invested in energy. In September, the Board of Trustees approved a non-binding resolution to target clean energy companies for future investments, which the UNC Sierra Coalition regarded as a promising start.

Rachel Woods, a member of the UNC Sierra Coalition, said she feels the board's move was just that — a start.

SEE [DIVESTMENT](#), PAGE 6



## NC HEALTH CARE EXPO

APRIL 14, 2015, 1-4PM

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“I’m too hot, make a dragon wanna retire.”

MARK RONSON



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Then there were four ... more

From staff and wire reports

Nothing like defying all odds. A German woman is doing just that. The woman is 65 and is pregnant with quadruplets. She also already has 13 other children. Oh, and she has seven grandchildren. Talk about breaking all sorts of records. The woman said she decided she wanted to have another child when her youngest daughter said she wanted a younger sibling. We feel like that’s one of those things you say no to, just like if she had said she wanted a new pony. But the daughter got her wish and then some.

The quadruplets are due in the summer, at which time, the woman will become the oldest mother of quadruplets in the world. Congrats and all, but we are pretty glad we aren’t her at the moment.

**NOTED.** Here’s something you don’t hear about every day: a toothbrush theft ring. A mother and her son were arrested for stealing more than \$100,000 worth of toothbrushes in the past year. They stole toothbrushes and then made fake receipts to be able to return them for money. Who knew there was money in toothbrushes?

**QUOTED.** “For these reasons, I want to reiterate to all Department personnel, including attorneys and law enforcement officers, that they are prohibited from soliciting, procuring, or accepting commercial sex.”  
— U.S. Attorney General Eric Holder in a recent email to all employees. A mishap recently, perhaps?

COMMUNITY CALENDAR

**TODAY**  
**Douglass Hunt Lecture:** The Douglass Hunt Lecture is entitled, “Namibian Democracy 25 Years After Independence.”The guest speakers include Helena Gray, political counselor at the Embassy of the Republic of Namibia, and Gwen Lister, the founding editor of The Namibian.  
**Time:** 4:30 p.m. to 6:30 p.m.  
**Location:** FedEx Global Education Center, Nelson Mandela Auditorium

opening of the new CreatorSpace at the Hanes Art Center will provide a tour of the facility that will be used to create things with 3D printers and wood and metal shop equipment. Light snacks will be provided.  
**Time:** 5:30 p.m. to 7:30 p.m.  
**Location:** Hanes Art Center, room 09

**TUESDAY**  
**N.C. Health Care Career Expo:** University Career Services will be hosting a career fair for anyone interested in a health

career. Representatives from health care graduate programs from across the country will be present at the fair. The event is free and open to all UNC students.  
**Time:** 1 p.m. to 4 p.m.  
**Location:** Student Union, Great Hall

To make a calendar submission, email [calendar@dailytarheel.com](mailto:calendar@dailytarheel.com). Please include the date of the event in the subject line, and attach a photo if you wish. Events will be published in the newspaper on either the day or the day before they take place.

**Hanes Art Center CreatorSpace Grand Opening:** The grand

CORRECTIONS

Due to a reporting error, Thursday’s page 4 story “Professor: solitary confinement is torture” misattributed quotes to Elizabeth Simpson, who did not attend the event. Deborah Weissman, a UNC law professor, spoke about solitary confinement.

Due to a reporting error, Friday’s front page story “Dual-language programs prove successful” mischaracterized VIF International Education, a Chapel Hill-based for-profit organization that develops global education programs. The Daily Tar Heel apologizes for the error.

- The Daily Tar Heel reports any inaccurate information published as soon as the error is discovered.
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HOLI MOLİ MAYHEM



DTH/CLAIRE COLLINS

Students celebrate Holi, the Hindu festival of colors, in Hooker Fields on Friday afternoon. The event was hosted by the Campus Y, Hindu Yuva, Sangam and student government. Head to [dailytarheel.com](http://dailytarheel.com) to view a video from the event.

POLICE LOG

- Someone communicated threats at the 100 block of Ashley Forest Road at 8:44 a.m. Friday, according to Chapel Hill police reports.
- Someone refused to pay for a taxi at the 600 block of Martin Luther King Jr. Boulevard between 1:40 and 1:50 a.m. Thursday, according to Chapel Hill police reports.
- Someone drove while impaired at 1615 E. Franklin St. at 2:12 a.m. Thursday, according to Chapel Hill police reports. The person was also driving with a revoked license, reports state.
- Someone communicated threats at the 100 block of South Roberson Street at 4:04 p.m. Thursday, according to Chapel Hill police reports. The person threatened to kill someone via phone, reports state.
- Someone reported the larceny of a purse at a retail establishment at 201 S. Estes Drive at 9:06 p.m. Thursday, according to Chapel Hill police reports. An iPhone and \$80 in cash were stolen, reports state.
- An underage person was in possession of an alcoholic beverage and fraudulent ID at 121 W. Franklin St. at 2 a.m. Friday, according to Chapel Hill police reports. The person, who was drunk and disruptive, pushed over a newspaper dispenser while intoxicated, reports state.
- Someone reported an affray at the 100 block of West Franklin Street at 3:01 a.m. Friday, according to Chapel Hill police reports. Another person was punching the victim on his head, reports state.

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# Bill aims to change sex education

**The N.C. law would allow school districts to design their own programs.**  
By Yoon Ju Chung  
Staff Writer

North Carolina public schools might no longer be able to teach about the effectiveness and safety of emergency contraceptive methods like Plan B if an N.C. General Assembly proposal becomes law.

House Bill 596, filed April 2 and referred on Thursday to the House Committee on Health, also wouldn't require N.C. sexual education curriculums to be examined by experts in the field — instead allowing school districts to design their own programs.

Plan B, the FDA-approved contraceptive pill widely available without a prescription to women and girls as young as 15, is commonly known as the morning-after pill, and it prevents pregnancy after unprotected sex.

Rep. Chris Whitmire, R-Henderson is one of the sponsors for the bill, which alleges that Plan B causes “spontaneous abortions.”

Melissa Reed, N.C. spokeswoman for Planned Parenthood Health Systems Action Fund, said Whitmire misinterprets how emergency contraceptives work.

“Mr. Whitmire clearly doesn't understand the science,” Reed said. “It works by inhibiting fertilization, so it can't affect pregnant women at all.”

But Tami Fitzgerald, executive director of the N.C. Values Coalition, said she supports the bill's stance that Plan B can cause fertilized eggs to spontaneously abort.

“Teaching school-aged children that these drugs are ‘contraceptives’ misleads our youth and can lead to heartache and regret when the truth is revealed to them,” Fitzgerald said.

The FDA first approved Plan B in 2009 for use without a prescription for women 17 and older and as a prescription-only option for women younger than 17. According to the FDA, Plan B will not stop pregnancy once a woman is already pregnant, and there isn't evidence the product will harm a fetus.

In 2013, the FDA guaranteed access to Plan B without a prescription for all women of childbearing age.

Reed said that Plan B and other emergency contraceptives are a valuable resource to avoid unwanted pregnancies.

“Young women have used contraceptives successfully for many years, and abortion is actually decreasing in North Carolina together with teen pregnancy rate partially due to greater access of contraceptives,” she said.

The pregnancy rate for women ages 15 to 19 in North Carolina dropped by 11 percent in 2013, hitting a record low for the sixth consecutive year, according to the annual report from the Adolescent Pregnancy Prevention Campaign of North Carolina.

Reed also expressed concerns about the part of the bill that allows N.C. school districts to design their own sexual education materials.

“A great majority of parents in North Carolina strongly want comprehensive sexual education in school,” Reed said. “So this bill is definitely not a thing North Carolina parents would want.”

state@dailytarheel.com

# Day for barking and brewing



DTH/KENDALL BAGLEY

Zoe Atkins walks her dog Guinness around the outside of Beer Study before the start of the dog parade down East Main Street on Sunday afternoon.

## Dogs and owners share a walk and a beer in weekend parade

By Madeline Reich  
Staff Writer

The Chapel Hill-Carrboro area provides residents with no shortage of places to drink good beer in great weather.

But there are fewer places for humans and dogs to come together, sip a cold beverage and relax — but they were able to do all three at this weekend's dog parade.

Dog owners and their furry companions gathered at Beer Study on Sunday afternoon for what owner JD Schlick called a “dog parade.”

After meeting at the beer shop, the crowd walked down East Main Street to Steel String Craft Brewery, where owners could enjoy a pint of seasonal brew with their four-legged friends at their feet.

“We wanted to do something

that our customers would enjoy,” Schlick said in an email.

“Everyone seems to be doing jogging clubs, so we just thought, let's do dog walks.”

Will Isley, the brew czar of Steel String Craft Brewery, said he thought it would be fun to get area dog lovers together for the event.

“We thought it would be a fun way to interact between two businesses,” he said.

Beer Study is completely dog friendly, meaning dogs can enter the building. Steel String Craft Brewery has a dog-friendly patio.

Many made the event a family outing.

“Once my wife and daughter heard about it, they decided they had to come,” said Chapel Hill resident Needham Atkins.

His family brought their two

dogs, Loki and Guinness.

Victor D'Amato, who went to the parade with his wife and two children, said they decided to go because his daughter loves dogs.

“And we like beer,” he said.

Isley said he thinks more businesses should become dog-friendly, but he understands why some people might not want to be around dogs.

“It just makes a really nice weekend to be able to walk your dog up to a place and hang out,” he said.

Many of the parade participants said they'd also like to see local businesses become more dog friendly.

“It's always good to have dogs — provided people can be reasonable and bring in dogs that are actually well socialized and can behave themselves around people and other dogs,” Atkins said.

His wife, Rebecca Atkins, said

it's fun to be able to take their dogs along on family outings.

“They like to be included in what we do,” she said.

Zoe Atkins would be one thrilled 3-year-old if more businesses became dog friendly.

When she isn't pulling her dog, Guinness, around by his leash, she said she likes to pat and play with the other dogs at Beer Study.

D'Amato said it couldn't hurt to have more dog-friendly businesses in the area.

“I think a lot of people have dogs and like their dogs and want to do stuff with their dogs,” he said.

“There's a novelty to it — to just be able to get out with your dog on a nice afternoon and share your love of beer or whatever it happens to be.”

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# Colleges weigh benefits of tuition waivers

**Rising tuition costs have caused UNC to consider if free tuition is feasible.**

By Joe Martin  
Staff Writer

Given that UNC students have seen tuition rise seven out of the last 10 years, it's hard to imagine students receiving free tuition without applying for scholarships or grants.

There are 11 colleges nationwide that didn't charge tuition for the 2014-15 year, according to U.S. News & World Report. Most of them are small, private schools, and they often require students to work on campus a certain number of hours each week.

Tuition waivers at major universities have become more popular in recent years. Two weeks ago, Stanford University decided to waive tuition costs for students whose parents make less than \$125,000 per year. For students

whose parents make less than \$65,000 per year, there's no need to pay room and board, either.

Stanford began its waiver program in 2008, originally waiving tuition for families that earn less than \$100,000 per year and waiving room and board for those who earn less than \$60,000. As a result, 77 percent of Stanford students graduate without any debt.

Debbie Cochrane, research director at the Institute for College Access and Success, said Stanford stands out for its generous financial aid offerings because of the money it has to spend.

“Stanford has relatively good financial aid packages for low-income students and most middle-income students,” Cochrane said.

“They were able to build upon that to extend better financial aid offers to students at even higher incomes.”

Stanford's endowment was calculated to be \$21.4 billion in 2014. UNC's endowment is \$2.64 billion.

Public universities in North Carolina have raised tuition in part to

*“The drawback of free tuition policies is that they ignore non-tuition costs.”*  
**Debbie Cochrane,**  
research director at the Institute for College Access and Success

offset years of state budget cuts. But Jay Schalin, director of policy analysis at the right-leaning Pope Center for Higher Education Policy, said it's difficult to justify tax hikes because the state already has one of the most heavily subsidized university systems.

“The taxpayers of North Carolina are already doing their share,” he said. “Students have to pay something for themselves.”

Schalin believes public universities like UNC would be able to make their education more affordable by making cuts in the right places.

“There has not been enough attention paid to the cost side of education,” Schalin said. “Everybody's concerned with the revenue side.”

Slight adjustments, like adding one course per year to faculty in

humanity and social science departments, could be enough to free up millions of dollars, he said.

The concept of free community college has also circulated nationwide and in North Carolina.

But Cochrane said the best way for states and universities to help students graduate with minimal financial burdens is to target resources at the students who need them the most, rather than just making tuition free — especially in the case of community colleges.

“The drawback of free tuition policies is that they ignore non-tuition costs, and for community college students, that's 80 percent of their total cost of attendance,” she said.

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# Science Expo breaks down scientist stereotypes for children

**The fifth UNC Science Expo let children and parents learn from UNC scientists.**

By Shuyan Huang  
Staff Writer

Instead of spending their time watching Saturday morning cartoons, many Chapel Hill children enjoyed the sunshine and science at the fifth UNC Science Expo this weekend.

Dana Gelin, a spokeswoman for the UNC Department of Athletics, brought her 8-year-old daughter, Sawyer, to the Science Expo.

Gelin said it was a multifaceted exposition where children could play with bubbles, make molds of their fingers and have many other wonderful experiences.

“My favorite part is looking at things from the microscope,” Sawyer said.

Ralf Schmid, a research associate at the UNC Lineberger Comprehensive Cancer Center, also brought his son to the exposition.

“We've been coming to the

Science Expo for the last at least four or five years. The kids always want to go back every year,” Schmid said.

The Science Expo was first held in 2010 as part of the North Carolina Science Festival.

“Since we were the ones producing the whole festival, it made sense for us to highlight all the science happening on campus at UNC. That's why we started the expo,” said Todd Boyette, the director of the Morehead Planetarium and Science Center and co-founder of the Science Expo.

Boyette said for the first Science Expo, the booths and displays were scattered throughout McCorkle Place, but organizers found that people were not making their way to the science buildings for the lab tours.

“The big change was the decision three years ago to close Cameron Avenue,” Boyette said.

“It made everything compact. We had the stage set up. We added food trucks. It's just more of a street festival feel.”

Duane Deardorff, a physics

*“If all we do is break down that preconceived idea of what a scientist looks like, we've been successful.”*  
**Todd Boyette,**  
co-founder of the Science Expo

and astronomy lecturer at UNC and professional juggler, has participated in the Science Expo for several years. This year he did a stage performance called “Physics is Phun.”

“Part of the reason for my performance was to get people excited about difference aspects of science and give it a feel that can be fun and interesting but then also to connect with things that they may not have seen before,” Deardorff said.

Besides showing science to the public, the Science Expo also helps dismiss the stereotype of scientists.

Boyette said there's an assessment that science educators have been doing for decades. Children are asked to draw pictures of a sci-



DTH/KATY MURRAY

Max Brueseke looks through a telescope with the help of his father at the N.C. Science Expo on Saturday. This is the fifth year the expo has been held at UNC.

entist. The scientists always look like Albert Einstein: somebody dressed in a lab coat with messy hair. That picture has not changed in decades, Boyette said.

“You can look at any of the people who have manned these booths.

None of them look like Albert Einstein,” Boyette said.

“If all we do is break down that preconceived idea of what a scientist looks like, we've been successful.”

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# The 16th Annual Celebration of Undergraduate Research

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Sponsored by the Office for Undergraduate Research & The Roosevelt Institute.

## PANEL SESSIONS

### Panel Session I: Diversity & Equity ■ Student Union 3201 ■ Moderators: Michelle Robinson, Kami Silva

TIME	STUDENT / MAJOR / TOPIC / FACULTY ADVISOR
1:00-1:10 p.m.	<b>Maximilian Seunik</b> (Health Policy & Mgmt.) Human Rights Mainstreaming in the World Health Organization: a Comparative Study of Regional Offices. <i>Benjamin Meier</i>
1:10-1:20 p.m.	<b>Griffin Lerner</b> (History) Neither Black nor White: Louisiana Creoles, and South African Coloureds, and the Struggle for Identity, Nationhood, and Belonging. <i>Lisa Lindsay</i>
1:20-1:30 p.m.	<b>Kevin Jacoby</b> (Undecided) The Role of the Internet in the Evolution of Human Communication. <i>Leslie Frost</i>
1:30-1:40 p.m.	<b>Raleigh McCoy</b> (Public Policy) Transportation that treats us well: the mobility needs of transit users with disabilities in La Paz and El Alto, Bolivia. <i>Daniel Rodriguez</i>
1:40-2:00 p.m.	<b>QUESTIONS ■ 2:00-2:15 p.m. BREAK</b>
2:15-2:25 p.m.	<b>Abigail Cooksey</b> (History) 'In a Nice Way': Moderation as a Tool of Racial Oppression in North Carolina after Brown from 1954-1956. <i>James Leloudis</i>
2:25-2:35 p.m.	<b>Bridie McDonough</b> (Sociology) A Disappointing Democracy? Political Representation, Inequality, and Policy in South Africa Since 1994. <i>Andrew Perrin</i>
2:35-2:45 p.m.	<b>Anuradha Bhowmik</b> (Women's Studies) Between Two Selves: Reuniting Dual Cultural Identity Through Life Writing. <i>Jane Danielewicz</i>
2:45-2:55 p.m.	<b>Rani Reddy</b> (Public Policy) Reversing Racial Disparity Trends in School Discipline. <i>Patrick Akos</i>
2:55-3:15 p.m.	<b>QUESTIONS</b>

### Panel Session II: Education ■ Student Union 3411 ■ Moderators: Steven Hemelt, Dana Thompson Dorsey

1:00-1:10 p.m.	<b>Hillary Wall</b> (Education) Sensory Processing Disorder and the Presentation of Challenging Behaviors in the Classroom: Teacher Strategies Derived from Established Sensory-Based Interventions. <i>Sandra Evans</i>
1:10-1:20 p.m.	<b>Chantrel Reynolds</b> (Jour. & Mass Comm.) A System Not Made For Us: A look into social reproduction in public schools and what is being done to combat it. <i>Patrick Akos</i>
1:20-1:30 p.m.	<b>Anna Cantwell</b> (Eng. & Comp. Lit.) The Write Way: Reversing Trends of Failing Adolescent Literacy for Academic, Occupational, and Social Success. <i>Patrick Akos</i>
1:30-1:40 p.m.	<b>Justin Cole</b> (Economics). The Growing Popularity of the Commons Library: An Analysis of the Purpose and Popularity of the Libraries at UNC. <i>Courtney Rivard</i>
1:40-2:00 p.m.	<b>QUESTIONS ■ 2:00-2:15 p.m. BREAK</b>
2:15-2:25 p.m.	<b>EmmaLee Kantner</b> (English & Comparative Literature) The Barrier: ELL Students, language, and community. <i>Patrick Akos</i>
2:25-2:35 p.m.	<b>Alecia Smith</b> (Political Science) Teacher Expectations and Relationship Formation Among High-Achieving Black Male Students. <i>Suzanne Gulleldge</i>
2:45-2:55 p.m.	<b>Virginia Riel</b> (Sociology) What Does Race Have To Do With Getting on the "Right Track?" Through Their Own Voices: An Analysis of How Tracking Stratifies Students by Race. <i>Ted Mouw</i>
2:55-3:15 p.m.	<b>QUESTIONS</b>

### Panel Session III: Environment ■ Student Union 3203 ■ Moderator: Adrian Marchetti

1:00-1:10 p.m.	<b>Alexander Brown</b> (Biology) Live fast, die young: carbon balance as a mechanism for shade intolerance. <i>Charles Mitchell</i>
1:10-1:20 p.m.	<b>Brenden Longfellow</b> (Physics & Astron.) Radioactivity measurements of the Farmville meteorite using yy spectroscopy. <i>Christian Iliadis</i>
1:20-1:30 p.m.	<b>Dhruv Mittal</b> (Physics & Astron.) Thermodynamics of harmonically trapped fermions in one dimension via non-uniform lattice Monte Carlo. <i>Joaquin Drut</i>
1:30-1:40 p.m.	<b>Sarah Cooley</b> (Geology) An automated algorithm for river ice detection using MODIS data. <i>Tamlin Pavelsky</i>
1:40-2:00 p.m.	<b>QUESTIONS ■ 2:00-2:15 p.m. BREAK</b>
2:15-2:25 p.m.	<b>Jared Compiano</b> (Phys. & Astr.) Ground-state energy of harmonically trapped few- to many-fermion systems at unitarity via non-uniform lattice Monte Carlo. <i>Joaquin Drut</i>
2:25-2:35 p.m.	<b>Andrea Stewart</b> (Environmental Science) Long-term changes in vegetation dynamics following partial harvest in the southern Appalachians. <i>Karen Kandl</i>
2:35-2:45 p.m.	<b>Eric Machado</b> (Physics & Astron.) Pulsed-Beam Measurements of Nuclear Reactions at UNC's Laboratory for Experimental Nuclear Astrophysics. <i>Christian Iliadis</i>
2:45-2:55 p.m.	<b>Rachel Harris</b> (Chemistry) A Novel Scan Method for Differential Ion Mobility Spectrometry Separations. <i>Gary Glish</i>
2:55-3:15 p.m.	<b>QUESTIONS</b>

### Panel Session IV: Fine Arts ■ Student Union 3407 ■ Moderators: Beth Grabowski, Don Oebler

1:00-1:10 p.m.	<b>Olivia Branscum</b> (Philosophy) Feminist Art in Present-Day Practice: Raising Voices. <i>Cary Levine</i>
1:10-1:20 p.m.	<b>Phillip Cox</b> (Art) Questions of Representation in "Hercules and Antaeus" from the Ackland Art Museum. <i>Tatiana String</i>
1:20-1:30 p.m.	<b>Elizabeth Straub</b> (Biology) Maupassant and Medicine. <i>Dorothea Heitsch</i>
1:30-1:40 p.m.	<b>Kristin Kent</b> (Art) An Exploration of Stylistic Synthesis in Elizabethan Country Houses. <i>Tatiana String</i>
1:40-2:00 p.m.	<b>QUESTIONS ■ 2:00-2:15 p.m. BREAK</b>
2:15-2:25 p.m.	<b>Luke McGinty</b> (Political Science) Architecture and Why We Love It. <i>Courtney Rivard</i>
2:25-2:35 p.m.	<b>Andrew Cabaniss</b> (Classics) Archaic Urbanism at Azoria, Crete. <i>Donald Haggis</i>
2:35-2:45 p.m.	<b>Duri Long</b> (Dramatic Art) The relationship between ritual and contemporary Catalan theater in the work of La Fura dels Baus. <i>Karen O'Brien</i>
2:45-2:55 p.m.	<b>Karen Sieber</b> (Interdisc. Stud.) Writing on the Wall: The Cultural, Historical and Political Significance of Graffiti in Istanbul's Gezi Park Protests. <i>Robert Allen</i>
2:55-3:15 p.m.	<b>QUESTIONS</b>

### Panel Session V: Health & Well-Being ■ Student Union 3205 ■ Moderators: Ben Meier, Kristen Lindquist

1:20-1:30 p.m.	<b>Danielle Enrique</b> (Exercise & Sport Science) The Influence of Local Muscle Vibration During Foam Rolling on Range of Motion and Pain. <i>Darin Padua</i>
1:00-1:10 p.m.	<b>Christopher Register</b> (Philosophy) Explanatory Role of Bayesian Models of Cognition. <i>Laurie Paul</i>
1:10-1:20 p.m.	<b>Camille Morgan</b> (Biostatistics) Status of access to water, sanitation, and hygiene in schools in six African countries. <i>Georgia Kayser</i>
1:30-1:40 p.m.	<b>Alanna Smith</b> (Applied Sciences) Effects of Dual Frequency Excitation on Cavitation of Microbubbles. <i>Paul Dayton</i>
1:40-2:00 p.m.	<b>QUESTIONS ■ 2:00-2:15 p.m. BREAK</b>
2:15-2:25 p.m.	<b>Cenk Baykal</b> (Computer Science) Design Optimization Algorithms for Concentric Tube Robots. <i>Ron Alterovitz</i>
2:25-2:35 p.m.	<b>Sylvia Roper</b> (Political Science) Shock and Awe: A stimulus to Inaction? <i>Leslie Frost</i>
2:35-2:45 p.m.	<b>Harish Pudukodu</b> (Biology) Whole-brain neuronal and glial migration from neurogenic niches of the adult mouse brain. <i>James Crowley</i>
2:45-2:55 p.m.	<b>Blake Hauser</b> (Health Environmental Sciences & Engineering) Macrophage-Tropic HIV-1 Can Evolve within the Male Genital Tract. <i>Ronald Swanson</i>
2:55-3:15 p.m.	<b>QUESTIONS</b>

### Panel Session VI: The US & Foreign Relations ■ Student Union 3209 ■ Moderators: Don Reid, Arne Kalleberg

1:00-1:10 p.m.	<b>Jan Michael</b> (History) Out of the Chaos: Analyzing Zbigniew Brzezinski's Theory of Peaceful Engagement from 1961-1981. <i>Klaus Larres</i>
1:10-1:20 p.m.	<b>Alexander Banoczi</b> (Undecided) 1979: The Fall of the Shah. <i>Leslie Frost</i>
1:20-1:30 p.m.	<b>Noam Argov</b> (Political Science) Multinational Corporations and Terrorism in Africa. <i>Navin Bagat</i>
1:30-1:40 p.m.	<b>Connor Belson</b> (Biology) Analyzing the cultural and financial implications of a commercialized exchange system of laboratory patient samples between Malawian and University of North Carolina-Malawi Research Labs. <i>Irving Hoffman</i>
1:40-2:00 p.m.	<b>QUESTIONS ■ 2:00-2:15 p.m. BREAK</b>
2:15-2:25 p.m.	<b>Hana Haidar</b> (English & Comparative Literature) Arab-American Literature and Its Response to Ethnic Homogenization and Invisibility. <i>Laura Halperin</i>
2:25-2:35 p.m.	<b>Ashlee Yang</b> (Sociology) Network and Networking in Job Seeking: A Comparative Study on College Seniors in the United States and China. <i>Yong Cai</i>
2:35-2:45 p.m.	<b>Emily Kowalczyk</b> (History) The Many Meanings of Captivity: Prisoners and the Problem of Communication in Anglo-Indian Warfare, 1754-1765. <i>Wayne Lee</i>
2:45-2:55 p.m.	<b>Temitope Elutilo-Ayoola</b> (Political Science) Legitimacy in Contemporary Russia. <i>Graeme Robertson</i>
2:55-3:15 p.m.	<b>QUESTIONS</b>

## POSTER SCHEDULE: SESSION I | 1:00-2:00 p.m., Odd Numbers ■ SESSION II | 2:15-3:15 p.m., Even Numbers

Posters will be presented in the Great Hall of the Student Union according to the following schedule. Posters are organized according to major.

#### STUDENT / MAJOR / TOPIC / FACULTY ADVISOR

- Alexandra Aponte** (Psych.) Supporting English Language Learners: Advocating for Transitional Bilingual Education Programs within North Carolina. *Patrick Akos*
- Dylan Kite** (History) Moving Beyond a Whitewashed History: Advocating for a Culturally Responsive History Curriculum. *Patrick Akos*
- Alexis Duckett** (Psych.) Parental Racial Socialization and Adolescents' Self-Esteem: Influences on Academic Achievement. *Beth Kurtz-Costes*
- Stephanie Kriider** (Psych.) Autism and Anxiety in Fragile X Syndrome. *Jennifer Arnold*
- Mary Evans** (Undecided) Communication Re"y"tions: An Ethnographic Study of Yik Yak at UNC. *Courtney Rivard*
- Amber Majors** (Psych.) Perceptions of Adolescents with ASD and Peers about Peer-Mediated Interventions. *Kara Hume*
- Sofia Gonzalez** (Pol. Sci.) GEAR UP: An Analysis of Postsecondary Education Awareness in America. *Patrick Akos*
- CrysAnne McCallum** (Psych.) The children's garden of today: What teachers want parents to know about their child's transition into kindergarten. *Patrick Akos*
- Crystal Ibe** (Psych.) Loneliness & Academic Disengagement among Afr. Amer. Students: Examining the transition from high school to the 1st sem. of college. *Mitch Prinstein*
- Katie Petry** (Amer. Stud.) Allied for a Better Future: The Importance of Supplemental Teacher Training in LGBTQ Affairs. *Patrick Akos*
- Mari Morcorres** (History) Charter School Retirement Funding Alternatives and Their Affects on North Carolina State Funding. *Patrick Akos*
- Andrew Soboeiro** (History) Race and Culture in 19th-Century Children's Periodicals. *Susan Pennybacker*
- Paige Reeves** (Psych.) Teacher Burnout: Stress Management and Psychological Support. *Patrick Akos*
- Allison White** (Psych.) Gender Differences in Elective Science Course Enrollment: Influences of Stereotypes and Causal Attributions. *Beth Kurtz-Costes*
- Hillary Stroud** (Amer. Stud.) Textbooks vs. Teaching: Evaluating Multicultural History Education in North Carolina Secondary Schools. *Patrick Akos* (Education)
- Fareeda Zikri** (Global Stud.) Looking to Jordan to Improve STEM Education in the U.S. *Catherine Scott* (Co-Authors: Samantha Harrington, Kathleen Borden)
- Michael Thornburg** (Political Science) Anti-Bullying Policies and Their Effectiveness in US Middle Schools. *Patrick Akos*
- Griffin Lerner** (History) From Bantu to Broken: Educational Inequity and the Persistent Achievement Gap in South African Education. *Patrick Akos*
- Osvelia Valverde** (Psych.) Hidden Needs of Latina Students. *Patrick Akos*
- Kristin Baddour** (Pol. Sci.) Read to Achieve: The Path to Retention and its Consequences. *Patrick Akos*
- Emily Wallace** (Psych.) ReVAmping Teacher Evaluation: Exploring The Consequences of Value Added Modeling. *Patrick Akos*
- Kendra Benner** (Journ. & Mass Comm.) Innovations in College Journalism Education at Select Institutions. *Lois Boynton*
- Yuman Wang** (Econ.) Impact of ESL Ideologies and Policies on Student Experiences in a Newcomers Classroom. *Patrick Akos*
- Erica Brownlow** (Exer. & Sport Sci.) Including More Physical Activity in North Carolina High Schools. *Patrick Akos*
- Elizabeth Williard** (Chem.) Into The Woods: How to Assess Wildlife Education, A Systematic Review. *Candace Kilian-Farrell*
- Shakeia Burgin** (Psych.) Improving social and communication outcomes for non-verbal students with autism spectrum disorder. *Patrick Akos*
- Kimberly McCullough** (Socio.) The Effectiveness of Afterschool Programs on Increasing Student Engagement. *Patrick Akos*
- Meghan Cabell** (Pol.Sci.) Growth Mindset: Implementation to Further the Success of High School Students. *Patrick Akos*
- Hayle Austin** (Romance Lang.) It's Elementary: Foreign Language Learning and the Benefits of Childhood Bilingualism. *Patrick Akos*
- Caitlyn Carmean** (Music) Music Education: Furthering Student's Brain Development and Improving Learning. *Patrick Akos*
- William Brown** (History) Integrating Language Literacy Policy for ESL/ELL Students. *Patrick Akos*
- Beth Coppedge** (Health Pol. & Mgmt) Breakfast After the Bell - Benefits of Breakfast in the Classroom Policy. *Patrick Akos*
- Joshua Conger-Kallas** (History) Education that works: instructional practices that effectively engage underserved students in secondary classrooms. *Patrick Akos*
- Victoria Cummings** (Linguistics) An Overlooked Problem: Chronic Absenteeism in Middle School. *Patrick Akos*

- Marielle DeJong** (Amer. Studies) Combatting Declining Civic Participation Rates by Educating North Carolina Students to be Informed and Active Citizens. *Patrick Akos*
- Calvary Diggs** (Psych.) Middle School Students and Character Education: Empowering Students in Social Decision Making. *Patrick Akos*
- Katherine Frame** (Comp. Sci.) 12-Bit Relay Computer Design and Construction. *Henry Fuchs* (Co-Authors: Andrew Vitkus, Daniel Chiquito, Neal Siekierski)
- Rachel Gentry** (Public Policy) School Mentorship: A Necessity for Students with Disabilities. *Patrick Akos*
- Allison White** (Psych.) Talk It Out - Second Grade Reading Comprehension Intervention. *Patrick Akos*
- Desiree Grier** (Psych.) Tracking and Transitions through Middle School Mathematics: Hidden Impacts of Educational Trajectories. *Patrick Akos*
- Mary Ward** (Psych.) Exposing Students in Special Education to STEM Through Engineering. *Patrick Akos*
- Jessica Hockham** (Psych.) A Positive Lens: What works best for African American male high school completion? *Patrick Akos*
- Douglas Jampol** (Econ.) Why do Baseball's Top Prospects Endure Failure? *Robert Cunningham*
- Danielle Hunt** (Psych.) STEMulating Interest: Encouraging Students to Embrace STEM Through Culturally-Relevant Activities. *Patrick Akos*
- Chang Zhao** (Anthr.) Performing Community in the Liling among the Long-time Residents of Two Shanghai Neighborhoods. *Donald Nonini* (Co-Author: Isaac Warshawer)
- Rachel Atkinson** (Envir. Stud.) The Native Nut: Investigating the North Carolina Pecan Industry. *Rudi Colloredo-Mansfeld*
- Madelyn Usher** (Pol. Sci.) Asylum Policies in Southeast Asia: A Comparative Perspective. *Frank Baumgartner*
- Emma Rich** (Psychology) Stressors of Interracial Versus Intra-racial Relationships. *Enrique Neblett*
- Anna Roberson** (Pol. Sci.) Latin American Immigration as a Determinant of US Foreign Aid Allocation. *Layna Moxley*
- Courtney Shepard** (Anthropology) Assessing the Sustainability of Impulse Social Enterprises. *Townsend Middleton*
- Kaitlin Shinn** (Global Stud.) Transnational Connections and the Influence of the Mass Media in the Global Sixties. *Donald Reid*
- Olivi Abrecht** (Amer. Stud.) U.S. Corporate Accountability for Human Rights Abuses: A Case Study of Ford Motor Company in Argentina. *Tim Marr*
- Kayla Leonard** (History) The Wandering Collection: The India Museum as a Representation of Empire. *Susan Pennybacker*
- Jon Tostoe** (Sociology) Silence in Rwanda: Rationalizing International Response 20 Years Later. *Neal Caren*
- Antonio Porras** (Mathematics) Resonance and Margin Flexibility Upon A Modeled Oblate Jellyfish. *Laura Miller*
- Ashley Conrad** (Art) Finding a Voice Amongst the Rocks: An Artist's Approach to Activism. *Beth Grabowski*
- Kaylin Flanigan** (Biology) Cognitive Functioning in Dolphins. *Leslie Frost*
- Maura Thornton** (Biology) Documentary Film and the Recovery of Historical Memory in the Southern Cone. *Samuel Amago*
- Sierra Gray** (Phys. & Astron.) Simulating the Dynamics of Galaxy Interactions. *Sheila Kannappan*
- Caroline Hamilton** (Env. Sci.) Ecology of Fear and the Striped Hermit Crab: ...feeding and Defense Behaviors in the Presence of a Predator. *Charles Peterson*
- Rebecca McCoy** (Chem.) Design, Synthesis, and Analysis of Molecular Photoelectrochemical Ligand Design. *Alexander Miller*
- Jonathan Garrick** (Geology) Master Chronology: A late Holocene sclerochronological analysis of the bivalve *Arctica islandica* from the Mid-Atlantic Bight. *Joel Hudley*
- Jesus Meza** (Phys. & Astron.) Improvements to Calibrations of Astronomical Spectra. *Christopher Clemens*
- Blake Morgan** (Chem.) Analysis of Agrochemical Stability Using Paper Spray Mass Spectrometry. *Gary Glish*
- Emily Riederer** (Math. Decision Sci.) Stochastic model for chemotactic cell response dynamics. *Wai-Tong (Louis) Fan* (Co-Author: David Clancy)
- Chelsea Tyler** (Chem.) Reaction of Ions from Pyrolyzed Levoglucosan with Adventitious Water in a Quadrupole Ion Trap. *Gary Glish*
- Michael Sokoletsky** (Phys. & Astron.) Quasiparticle Random Phase Approximation of Inelastic Neutrino-Lead Scattering. *Jonathan Engel*

- Nathan Vaughn** (Phys. & Astron.) Dynamics of Viscous Thin Films. *Jeremy Marzuola*
- Arthur Wood** (Phys. & Astron.) Characterizing Electrochemically Deposited ZnO / Cu2O Heterojunction Solar Cells and Resolving Structural Issues to Optimize Efficiency and Create Cheap, Easily Manufactured Solar Devices. *Rene Lopez*
- Tashana Detwiler** (Chem.) Effects of NOx in Duke Forest. *Jason Surratt*
- Ryan Beauchemin** (Phys. & Astron.) A Comparison of Kinematic and Photometric Inclinations in the RESOLVE Survey. *Sheila Kannappan*
- Clark Cunningham** (Biology) Forming an Ectopic Histone Locus Body in Human Cells with a Mouse Histone Gene Cluster. *William MacLuff*
- Emily Davidson** (Chem.) Shifts in aqueous carbonate chemistry by *Siderastrea siderosa* corals under elevated temperatures. *Christopher Martens*
- Kasey Evans** (Phys. & Astron.) Optimization of Optical Properties of V02 Films Through Manipulation of Periodic Structure. *Rene Lopez*
- Alex Flores** (Chem.) Site-Selective C-H Chlorination via Chloramide. *Erik Alexanian*
- Christopher Folmar** (Phys. & Astron.) Branching Ratios for the Nitrogen 14 Proton Gamma Reaction. *Art Chagniere*
- Sangeetha Kumar** (Environ. Sci.) Identifying determinants of exposure to household air pollution in rural Malawi. *Pamela Jagger* (Co-Author: Sangeetha Kumar)
- Adam Kunesch** (Phys. & Astron.) Reducing the Angle-Dependence of Light Emitted by Artificial Butterfly Wings. *Rene Lopez*
- Ian Mercer** (Chem.) Investigation of C1 reduction via hydride transfer by Ru polypyridyl complexes. *Cynthia Schauer*
- Christopher Miller** (Phys. & Astron.) Modeling and Optimizing of Photovoltaic Performance in Periodic Patterned Colloidal Quantum Dot Solar Cells. *Rene Lopez* (Co-Author: Kristina T. Vrouwenvelder)
- Christopher Sato** (Chem.) Development and Catalysis of Indium NCDP Pincer-ligand Systems. *Alexander Miller*
- Jason Surbrook** (Phys. & Astron.) Spectral Study of a Broad Energy HPGe Detector for First Measurement of Coherent Neutrino Scattering. *John Wilkerson*
- Amanda Sutter** (Geology) Zircon U/Pb Radiogenic Dating of the Great Valley Formation. *Drew Coleman*
- Kristina Vrouwenvelder** (Chem.) Patterned vs. Rough Surfaces: Indium Tin Oxide (ITO) in Flexible Electronics. *Rene Lopez*
- Cora Went** (Phys. & Astron.) Spectroscopic Characterization of Colloidal PDS Quantum Dot Solar Cells. *Rene Lopez*
- Julian Willett** (Biology) Tetraethylene glycol coating of gold nanoparticles limits inflammatory response in mice. *Oliver Smithies*
- Ashley Bittner** (Phys. & Astron.) Estimating black hole masses in active, star-forming galaxies. *Sheila Kannappan*
- David Clancy** (Mathematics) Random Walk Approximation to Colloidal PDS Quantum Dot Solar Cells. *Rene Lopez*
- Helin Park** (Anthropology) Nisbet & Old Town: Piecing Together Catawba History. *Steve Davis*
- Ashley Creese** (Psych.) Informational processing in PTSD/TBI veterans with alcoholic behavior. *Ayşe Belger*
- Kyndal Lemelin** (Undecided) Murder or Mistake? Mental Deficiencies of Murderers. *Leslie Frost*
- Tsion Ghedamu** (Public Policy) Family Planning: Economic Impacts on a Woman. *Trude Bennett*
- Samir Patel** (Mathematics) Studying the genealogy of cancer cells using the Biased Voter Model. *Louis (Wai-Tong) Fan* (Co-Author: Lili Chen)
- Steven Hartman** (Biology) Effect of Obesity on Influenza Infection Response. *Melinda Beck*
- Zijian Zhou** (Chem.) Protein Stability Under Biomolecular Crowding Conditions. *Gary Pielak*
- Catherine Keller** (Biology) Analysis of Potential Anticoagulants by Conventional Assays. *Frank Church*
- Daniel Barrus** (Psych.) Astrocyte Modulation of Hippocampus-Dependent Fear Learning. *Don Lytle*
- Paige Kinsley** (Chem.) Nitric Oxide-Releasing Electrospun Polyurethane Coatings for Electrochemical Glucose Sensing. *Mark Schoenfish*
- Samuel Brotkin** (Psych.) Future Self Continuity and Health Behavior. *Paschal Sheeran*
- Matthew Leming** (Comp. Sci.) Synthetic Group Difference Generator for Testing of Group Analysis Tools in DTI studies. *Martin Styner*
- John Cunningham** (Biology) Determining the Tissue-Specific Importance of Centrosomes and the Spindle Assembly Checkpoint in Mitotic Fidelity. *Mark Peifer*
- Emily Lobos** (Psych.) Correlation between dose-volume parameters and patient-reported quality of life (QOL) during image-guided intensity modulated radiation therapy (IGRT) for prostate cancer. *Ronald Chen*

- Daniela DeCristo** (Biology) Collaborative Cross recombinant inbred inter-crosses (RIX) for the study of antipsychotic pharmacogenomics. *Patrick Sullivan*
- Sloane Miller** (Health Environ. Sci. & Eng.) Toxic metal levels in children residing in a smelting craft village in Vietnam: a pilot biomonitoring study. *Rebecca Fry*
- Luma Essaid** (Nutrition) Role of Hepatocyte Growth Factor on Obesity-Mediated Basal-like Breast Cancer. *Liza Makowski*
- Christine Nam** (Biology) Mechanisms of Attention in the Pulvinar of the Ferret. *Flavio Frohlich*
- Amber Gautam** (Nutrition) Mapping Social Determinants of Cardiovascular Risk in Rural NC. *Alice Annmerman*
- Esita Patel** (Nursing) Identifying Elements of Business Case Model for Certified Nurse Midwifery led Birth Center Care in the U.S. *Cheryl Giscombe*
- Sarah Griffin** (Psych.) The broad autism phenotype: birth order as it relates to pragmatic language and self-competence in siblings. *Steven Reznick*
- Alexander Rennie** (Psych.) The Effect of Adopting a Care-giving Role on Help-Seeking Behavior. *Kurt Gray*
- Karina Javalkar** (Health Policy & Mgmt) Transition readiness, self-efficacy, health utilization and medication adherence of youth with chronic conditions as predictors of caregiver burden. *Maria Ferris*
- Sudheer Vemuru** (Biology) Effects of Chronic Intermittent Ethanol Exposure on Pavlovian Conditioned Approach to Alcohol Cues. *Donita Robinson*
- Justin Lackey** (Biology) Analysis of the composition of e-cigarette liquids using LPI-mass spectrometry. *Gary Glish*
- Teresa Martz** (Biology) Retinal Vessel Oxygenation in Diabetic Retinopathy. *Seema Garg*
- Sudarshan Mohan** (Biology) Comparison of Gene Signatures in Breast and Renal Cancers. *Kimryn Rathmell*
- Rizul Nathani** (Chem.) The Development of a Thermoelectric Vaccine Cooler through the Utilization of Liquid Metal as a Thermal Diode. *Kenneth Jacobson*
- Teresa Frasca** (Psych.) Win Together, Lose Alone: Attributions of Praise Broaden, Blame Narrow. *Kurt Gray*
- Tuong Nguyen** (Biology) Preventing Peptide Non-Specific Adsorption to Tissue Culture Surfaces. *Nancy Albritton*
- Elizabeth Jones** (Psych.) Polysubstance Use Associated with Lower Distress Tolerance Compared to Single-Substance Use. *Stacey Daughters*
- Claire Pauley** (Psych.) Ethnic Differences of PTSD Symptoms Development After A Major Thermal Burn Injury. *Sam McLean*
- Katelyn Jones** (Psych.) Does a Manipulation of Socioeconomic Status Influence One's Susceptibility to the Nocke Effect. *Keith Payne*
- Alison Pinosky** (Applied Sci.) Finite Element Modeling, Computer Simulation, and Experiments of Shear Wave Propagation for Tissue Mechanical Property Assessment. *Caterina Gallippi*
- Dalia Kaakour** (Public Policy) Physicians' End-of-Life Healthcare Decision-Making. *Krista Ferreira*
- Julia Lukacs** (Psych.) Being Blue and Seeing Blue: The Impact of Amber Lenses on Sleep Quality and Mood. *Eric Youngstrom*
- Alissa Vanderlinden** (Biology) Exploring the role of adipocytes in breast tumor progression. *Andrew Dudley*
- Helen Robertson** (Exercise & Sport Sci.) The Effects of Static Stretching and Self Myofascial Release on Range of Motion and Muscle Stiffness: A comparative study. *Claudio Battaglini*
- Kelly White** (Anthropology) Osteobiography of the Sarawatun Impacts on a Woman with a focus on osteologic abnormalities. *Dale Hutchinsin*
- Julia Whitley** (Biology) Identification of DNA Regulatory Elements Active in Chronic Intestinal Inflammation Using FAIRE-seq. *Shehzad Sheikh*
- Benjamin Badger** (Biology) Tension and Force Generation in the Yeast Kinetochore. *Kerry Bloom*
- Eleanor Brightbill** (Chem.) Local Drug Infusions to the site of Volantmetric Measurement of Dopamine in the Nucleus Accumbens. *Donita Robinson*
- Miriam Brinberg** (Psych.) An empirical comparison of three psychometric measures of adolescent substance use. *Patrick Curran*
- Lindsey Broadwell** (Chem.) Effect of the PE Domain on the Activity of the Mycobacterium Tuberculosis Lipase, LipY. *Saskia Neher*
- Demitra Canoutas** (Biology) The Role of PIK3CA Mutations in Proliferation and Migration of Immortalized Human Astrocytes. *Ryan Miller*

- Yen-Ling Chen** (Psych.) The Relationship Between Sleep Disturbance and Diagnosis of Bipolar Disorder: Testing Incremental Effect after Controlling for Age and Gender. *Eric Youngstrom*
- Kirsten Nicole Consing** (Psychology) Local shape analysis in children at high risk for autism (IBS). *Martin Styner*



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The Daily Tar Heel

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**Corey Buhay**  
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# The ‘no testicles allowed’ trip

The sign-up sheet said “No Testicles Allowed.” It was my friend Steffi’s idea. She asked if I’d ever been on an all-female camping trip. I hadn’t.

Whenever I call my dad, he asks about my “marem,” his shorthand for “man harem.” To him, this is a funny joke implying that all the men I hike with are actually fanboys who trot around after me wherever I go. As pleasant a fiction as that might be, reality has the roles reversed — I’m the one who’s been tagging along and inviting myself on trips for the past two years. As such, I’ve gotten used to settling into the comfortable role of clueless tagalong.

“I imagine I am perfectly capable of making a fire, but I don’t know because I’ve never been forced to do it,” Steffi said.

Neither had I. Both of us dream of 2,000-mile trails, of traveling solo over vast stretches of American wilderness. And yet neither of us knew if we were good route planners or map readers. Traveling with guys who tend to take over those tasks, we had never really had the chance to try.

We weren’t the only ones. Seven women signed up for the testicle-free trip. At 7 a.m. on April 3, we set off for the 20-mile coastal Neusiok Trail. We walked at a slow pace, damp with rain, shin-deep in mud and laughing the whole time. I had originally wanted to do double the mileage, but Steffi, in her infinite wisdom, reminded me I was missing the point. Co-ed groups tend to hike fast either because men set the pace and the women of the group don’t want to say anything or because there’s a fast-hiking woman and masculine pride prevents the men from suggesting a gentler pace.

Our aim was to enjoy the scenery and one another’s company. We also wanted enough breath left to converse about literature, theology, vaginas, how diaphragms actually work, the chafing incurred by backpacks against sports bra straps, vaginas, the pros and cons of the technical hiking skirt and vaginas.

It’s hard to talk about vaginas when not everyone on the trip has one. For the same reason, mixed-gender hiking awkwardly renders the question of who will sleep in what tent. There’s usually an awkward sexual tension — which is far more irritating than exciting.

Freed from those distractions, we could relax, be ourselves and focus on our surroundings. We met a pair of older women on the trail who seemed to have the same idea.

The way was wide and straight, and they saw us from far off. Two cheery, weathered faces under full packs and one oversized German Shepherd. All three were excited to meet us.

“Never seen that before!” the woman with the dog said.

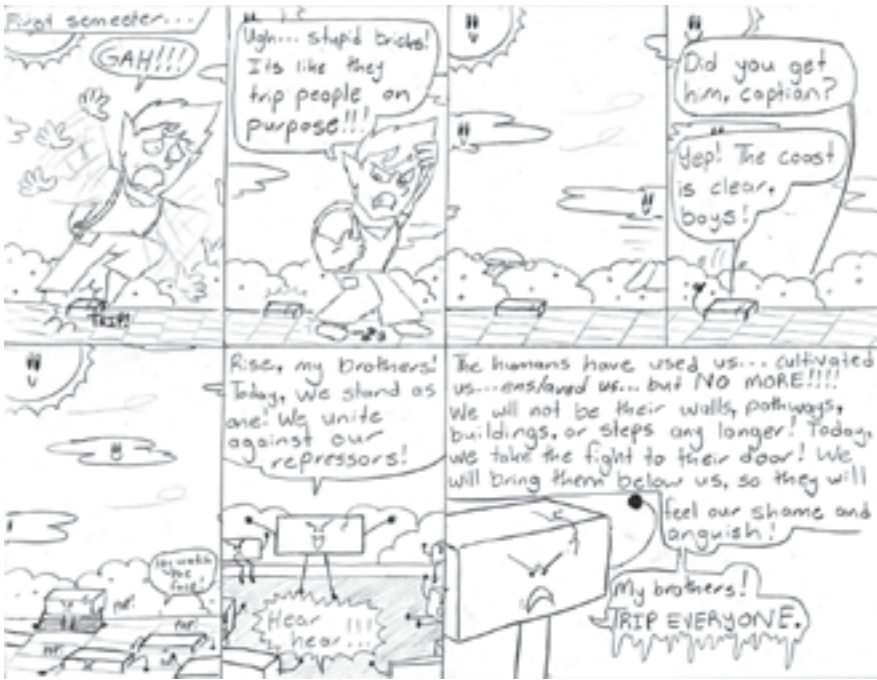
“We saw you way back there — ‘Is that a bunch of guys?’ we thought. ‘They’re really little ... Boy Scouts?’ — and then we got close and realized, ‘Hey! It’s a bunch of girls!’”

We talked a while with the ease of friendship that comes with trail meetings. When we parted ways, the woman with the dog wished us luck.

“Wow, I’ll probably never see that again,” she said.

I hope she’s wrong.

## EDITORIAL CARTOON By Jamal Rogers, jmlrgs@gmail.com



## EDITORIAL Protect all students

### Police should do their part to curb racist stereotypes.

The Department of Public Safety’s use of race in suspect descriptions in Alert Carolina messages reinforces racist stereotypes, creating a hostile climate for students of color.

It’s not helpful for police to issue statements that only give a suspect’s race, height and build. With no information about what a suspect is wearing or what direction the person is heading, students can hardly be expected to produce help-

ful leads for investigators.

The Department of Public Safety should only include a suspect’s race if there are five other descriptors to include in a crime alert.

In February, after students took over a campus building in protest of this practice, the University of Minnesota announced it will only release a suspect’s race if administrators feel “there is sufficient detail that would help identify a specific individual or group.”

Pamela Wheelock, a vice president at the University of Minnesota, said black students told her that the use of race

in suspect descriptions made them feel less safe on campus.

This is not acceptable. All students should feel safe on campus. And the Department of Public Safety, the group tasked with protecting students’ safety, should do everything it can to make students feel welcome and comfortable.

By only including race when there are five other acceptable descriptors, campus police will be doing their part to protect students by disseminating safety information and curb the promulgation of racist stereotypes on campus.

## EDITORIAL Necessary engagement

### Young voters should avoid becoming disillusioned.

Given the state of American politics, recent findings that suggest younger people are abandoning major party labels and identifying as independents are perhaps not surprising. This sentiment can be linked to what we perceive to be a general disillusionment with the political apparatus.

While it is understandable that activists feel disheartened when issues they promote and defend

are ignored or filibustered away, the unfortunate truth is that there is no realistic alternative to engaging in the political process.

Younger generations must not forget that the predominant way to effect political change is still to either convince politicians in office to pass legislation or vote them out of office.

And with 2016 fast approaching, this rings especially true. Voters will have to make decisions that could affect the state and national political landscapes.

College-educated or otherwise privileged individu-

als who tend to suffer less from the consequences of political sea change, should recognize they have opportunities to engage in the process for good in ways inaccessible to less privileged individuals.

UNC has not lacked such opportunities this year. But the lethargic response to the race for student body president in the face of widespread student activism should not be paralleled in the forthcoming elections.

The social and economic well-being of the U.S., whether we like it or not, depends on it.

*Todd LaMaskin  
Department of  
Environmental Science  
UNC-Wilmington*

### U.S. has ceded high ground on torture

TO THE EDITOR:

With regard to the paid advertisement from Mr. James Waters in April 7’s Daily Tar Heel (“You are on the wrong side of history, and you should be ashamed to be among the ‘Confederacy of Dunces’ if you did not vote for Obama...”), I hope that Mr. Waters remembers that, during the previous administration, the United States tortured some of its prisoners of war.

When other leaders, nations, get up to this sort of thing, the U.S. insists, rightly, that they should be brought before the International Criminal Court in the Hague to answer for war crimes.

Now we have done it. No one is going to be held accountable for this. Those who ordered or authorized it, those who did it, those who assisted them, those who facilitated the process, those who justified it — they’re going to get away scot free.

And this is primarily down to the White House. In the first two months of his administration, President Obama visited the CIA and said the nation had turned its back on the previous regime, that it was time to

## SPEAK OUT

### WRITING GUIDELINES

- Please type. Handwritten letters will not be accepted.
- Sign and date. No more than two people should sign letters.
- Students: Include your year, major and phone number.
- Faculty/staff: Include your department and phone number.
- Edit: The DTH edits for space, clarity, accuracy and vulgarity. Limit letters to 250 words.

### SUBMISSION

- Drop off or mail to our office at 151 E. Rosemary St., Chapel Hill, NC 27514
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## QUOTE OF THE DAY

“Whether or not we divest from coal will not happen overnight or at my time at UNC. It will have to be carried by other students.”

Rachel Woods, on the campaign to get UNC to divest from coal

## FEATURED ONLINE READER COMMENT

“There are things that go unspoken & unreported all the time. That does not mean it is not happening.”

Gabrielle Franklin, on statistics about violence on college campuses

## LETTERS TO THE EDITOR

### New bill ignores teaching’s true depth

TO THE EDITOR:

I am a professor, and I did not “teach” today. My schedule shows no in-class time. I did not lecture a group of students in a for-credit situation. Instead of teaching, I led five different meetings.

One meeting was with a graduate student of mine. Three were with undergraduate students enrolled in my lecture class. But this was not class time, and one was with a group of graduate students during non-class time. The total time spent was around six hours.

The entire time I was meeting with these students, I was teaching and mentoring and getting these students to understand geology, to understand work ethic and to understand how to apply in-class theory to their thesis or report or paper. I was getting them to understand how everything we have talked about in classes together is related. I was getting them to understand both the details and the big picture of their thesis or report or paper.

I poured every ounce of my energy, and I poured my heart and soul into these meetings because I am a teacher. I gave my students 110 percent of what I can offer to them, and we made great strides. The students learned a lot. I learned a lot.

I skipped lunch. I’m exhausted. But, according to some, I did not teach today, and I need to just try to get used to working harder.

look forward and not back.

Defeat at the polls is a political consequence of failed policy, not a judicial decision, and is in no way commensurate with the magnitude of the offense that has been committed.

Henceforth, the U.S. can go on denouncing torture and torturers, but no one will be paying any attention now. Folks in the Third World may not have our fancy iPhones or our multi-media; they may not be on the net at all, but they recognize odious hypocrisy when they see it, and they will act accordingly. No, I did not support Obama in 2012, nor anyone else for that matter.

*Michael Hollis  
Class of ‘68  
Chapel Hill*

### Keep gender in mind for course evaluations

TO THE EDITOR:

Recent research suggests that students rate female professors more harshly than male professors. When a female professor of an online course pretends she is male, her evaluations are significantly higher than when students know she is a female, and evaluations of female professors are more likely to focus on aspects of personality or appearance rather than intellect or skill in the classroom.

Gender bias in course evaluations can be reduced by focusing comments on feedback that is useful for improving instruction. Ideally, student comments will help us improve our instructional techniques and thus improve the learning experience of future Carolina students. Comments that are vague, belittling, personal or based on gender expectations do not help us make our courses better.

Some course evaluation feedback is flattering but too generic to be useful: “The course was great!”

Some feedback is inappropriate for an evaluation because it’s about personal traits (and may feed into gender stereotypes): “She was ALWAYS stylish.”

Some feedback is simply demeaning: “Dr. (X) is a b\*\*\*\*.”

The best feedback helps us improve our teaching by citing specific examples of what worked or didn’t work in the class: “(The) tests seemed more difficult than the information that was presented. I need more hand holding/practice.”

Research paints a stark picture of the unfair standards to which female professors are held in course evaluations, but we as a community can work to be fair to all professors by providing feedback that is relevant and constructive. After all, we are working toward a common goal: the best learning opportunities possible.

*Prof. Kelly Hogan  
Biology*

*Prof. Viji Sathy  
Psychology*

*Prof. Jean DeSaix  
Biology*

NEXT

**FEMINIST KILLJOY**  
Alice Wilder returns to drop some feminist truth.



## PANHANDLERS

FROM PAGE 1

Center for Homelessness.

Rohe said she hopes residents understand there are options outside of giving to panhandlers that will have a much larger impact in the long run.

"I feel that giving to panhandlers just fuels the panhandling market, and we don't want to do that," Rohe

said. "We want people to end their homelessness because the services exist, and we want people to take advantage of those services."

But Rohe insisted that not all those who panhandle are homeless.

"A lot of people will equate panhandling to homelessness, and that's just wrong and unfair," she said.

city@dailytarheel.com

## MAJORA CARTER

Urban revitalization strategist and social-enterprise pioneer delivers Campus Earth Week Keynote Address



Wednesday, April 15  
6pm\*, 111 Carroll Hall

\*5pm: student reception,  
Anne Queen Lounge, Campus Y

RSVP required:  
go.unc.edu/Earth2015

## PANHANDLING LAWS

Chapel Hill's town code addresses panhandling on public property. The ordinance states the following:

- Panhandling cannot be conducted on town buses.

- Panhandling cannot be done in a way that includes intimidating or accosting another person.

- Panhandling isn't allowed within six feet of bus stops and shelters.

- There is no panhandling allowed within 20 feet of financial institutions and automated teller machines.

- Panhandling isn't allowed along highways, shoulders and medians.

- Panhandlers are prohibited from delivering spoken requests or handwritten requests at night.

## TRAINING

FROM PAGE 1

this opportunity on college campuses because if you impact your college campus, you impact every industry and every career opportunity, and you can really change the way a culture thinks," she said.

In addition to UNC's general requirements for students, certain groups — such as resident advisers — have to participate in additional training.

Kim McCullough, a senior RA at UNC, said the University offers plenty of sexual assault-related resources for students, but she worries that students don't always take advantage of them.

"I definitely do think the University has many resources available regarding sexual assault as well as resources to help them talk about issues with on this topic because it is sensitive," McCullough said. "I don't feel often times students take what they have learned from the trainings and apply them to real-life situations."

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## DIVESTMENT

FROM PAGE 1

"I think whether or not we divest from coal will not happen overnight, or at my time at UNC. It will have to be carried by other students," Woods said.

Universities around the world have shown similar apprehension. On March 15, the University of Oxford in England announced it would defer a decision to divest from fossil fuels until May.

John Clements, former financial director at Oxford, said the committee did not announce how it came to that decision, but he believes the reasons were financial.

"Let's be honest; if it could be proven that divestment from fossil fuel corporations would produce a higher rate of return, everybody would divest tomorrow," he said.

Clements said most endowment portfolios at universities in America and Europe have included fossil fuel companies because of their high earnings, and renewable energy companies have not yet had the same

level of returns.

"It is really a matter of balancing the risk of a short term loss — divestment — against the risk of a longer term loss, or collapse of fossil fuel stocks," he said.

Patrick Conway, a UNC economics professor, said characteristics of the crude oil market make it difficult for endowment managers to consider divestment.

"A university endowment choosing to divest their stocks in oil companies would probably incur a large capital loss by selling at this moment," he wrote in an email.

UNC's energy portfolio earned a 17.7 percent return over the past decade.

Still, Clements said universities should prioritize ethical implications instead of rate-of-return.

"I believe there is now plenty of evidence to show that the long-term performance of these portfolios will only benefit from a planned move away from fossil fuels of all kinds," he said.

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## CUAB

FROM PAGE 1

to nab a hip-hop artist.

"I think it's really cool they got a hip-hop artist because I know a lot of students really appreciate that," Hoffman said. "But I think maybe next year they should try to get someone from a different genre."

Sophomore Emily Crockett enjoyed the performance by Rome Prize, a disc jockey that played older songs between Well\$ and Rae Sremmurd's performances.

"It was a really awesome atmosphere to hang out and see people," Crockett said. "They had the Styrofoam things from Late Night with Roy, and they passed those out. They had bouncy balls and they passed out Popsicles which was really nice."

CUAB issued 2,450 tickets for Saturday's concert. The group's fall Homecoming concerts — which featured the country band Gloriana and hip-hop artist Earl Sweatshirt — collectively drew fewer

than 900 people.

"Hopefully, this excites students, and it's really a wonderful part whether you're a senior and it's your last two weeks of college or if you're a freshman kicking off your time here," Chess said.

Chess said students seemed to appreciate that the concert was held outdoors.

"I think students like the outdoor shows. I think we've seen that there's a good response to that," he said.

But Chess said the venue did present some challenges.

"There was a very significant echo off the Eddie Smith Field House in the back," he said. "Weather was wonderful yesterday, but if it hadn't been wonderful, students wouldn't have been as happy."

Crockett said she would attend another concert hosted by the activities board.

"It was really fun, and I would definitely want to go again, and I was glad they brought Jubilee back," Crockett said.

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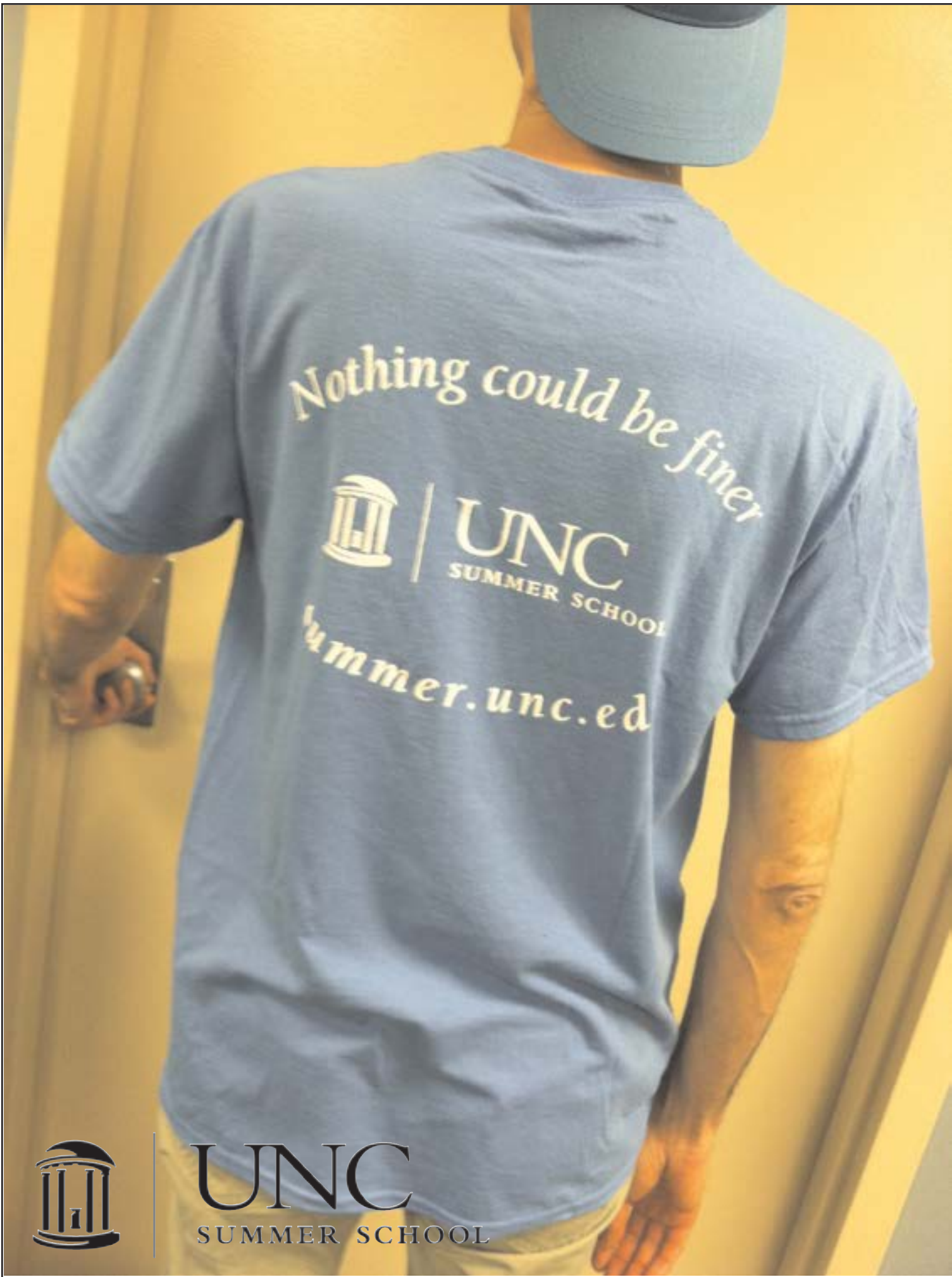
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School t-shirt?

Follow @UNCSummerSchool  
to find locations on Tuesday,  
April 14, where t-shirts will  
be given away while supplies  
last.

Follow UNC Summer School on  
Instagram and Youtube for  
more of what's happening in  
summer.



UNC  
SUMMER SCHOOL



# Alumni bike from Florida to Alaska

The group is raising awareness about the national park system.

By Ashlen Renner  
Staff Writer

About 2,500 miles into a 9,000 mile bike tour from the Florida Keys to northern Alaska, UNC alumni Rachel Burns, Brady Lawrence and Reese Wells have encountered open roads, ghost towns and a rogue bison.

The graduates and three others are using the Keys to Freeze tour to raise awareness and money for the National Parks Conservation Association. So far, they have raised more than \$1,000 for the association, Lawrence said.

“Conservation is becoming more and more important as suburbia is growing and our cities get bigger and people want more land,” Burns said. “It’s just a really cool thing to be a part of — on a hard day, we can remember why we’re here and why we’re doing this.”

The team has been on the road since February, traveling through St. Petersburg, Fla.; New Orleans; Houston; Austin, Texas; and Albuquerque, N.M. Lawrence said they are racing to get to their final destination in Deadhorse, Alaska, by Aug. 15.

“You can’t ride bikes that far up in Alaska after that point,” he said. “Once it gets to September, everything starts to freeze over, and they start getting blizzards.”

The team also hopes to encourage young people to go to national parks.

“A big thing that we’re doing is trying to connect our generation and younger generations to the national parks and just being outdoors and having those outdoor experiences in general because our generation and the generations after us are having less initiative to go out and experience these wild places,” Lawrence said.

Not long after the team started its tour, a third-grade class in Providence, R.I. contacted them.

“There has been a significant drop in our generation and younger going to national parks, so it was really awesome to establish a connection with these third graders and get the chance to share our journey with them,” Wells said.

Lawrence is filming the team’s journey and plans to make it into a documentary film about the team’s adventures, including an incident in Paynes Prairie Preserve State Park in Florida when some of the team members encountered a bison while hiking.

“We went out and saw the sunset but stayed later than we were supposed to,” Lawrence said. “On the way back, there was this bison blocking the entire trail, and it basically cut us off from being able to go back. We approached the bison, and right as Tyler’s hand was like three inches away from this bison, it just lowered its head and charged forward two or



COURTESY OF JAKE SPLAWN

The Keys to Freeze team is biking from the Florida Keys to Alaska to raise awareness for the National Parks Conservation Association.

three steps. Everyone just screamed and ran backwards. I thought someone was going to get totally run over by this bison, but I got it all on film.”

Wells also plans to write a novel about his experiences.

“A lot of these places I’ve never been to before,” he said. “Every state we go to is a new state for me.”

Burns said one of her favorite parts of the trip is riding through small coun-

try towns.

“A lot of the roads we’re taking are old country highways,” she said. “These old highways used to be the main highways until the interstates were built, so a lot of these cities that used to be small thriving cities have become these empty, eerie ghost towns.”

She said she likes to meet the people along the way and learn their stories — her favorite being a man named

*“I thought someone was going to get totally run over by this bison, but I got it all on film.”*

**Brady Lawrence,**  
UNC alumnus

Frog Man, who claimed he was the best frog catcher in Louisiana.

Though they have stories to last a lifetime, the three are just a quarter of the way into their tour.

“It’s been a really wild experience so far,” Burns said. “It’s a crazy thing to imagine when you look at the map and see how far we’ve gone.”

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# Seniors’ kvetch competition nears its end

The students’ kvetch competition ends in their graduation.

By Jada Harkins Andrews  
Staff Writer

The Daily Tar Heel’s kvetching board is a place for the student body, faculty and community members to air out the annoyances in their lives, but for two seniors, it’s the site of a long-running competition.

The kvetches published every Friday are the favorite part of the paper for two seniors, best friends Annie Holleran and Kara Marker.

Holleran and Marker first began kvetching during their sophomore year, both submitting their anonymous kvetches.

“Getting that first kvetch printed was incredible,”

Holleran said. “There was such a feeling of accomplishment. Like, ‘Wow! Other people think I’m funny, too.’”

Soon a competition sprang up between the two. This competition called for rules and regulations recorded in a Google doc along with archived kvetches between the best friends from over the years. For example, posts that make it to the Best of the Year kvetching board are worth more points than the posts on the weekly kvetching board.

“When I got my first kvetch,” Marker said, “I was so happy, and I felt so sneaky because kvetch submissions are anonymous.”

Friends of Holleran and Marker love seeing kvetches that come out of the ongoing competition between the two.

“I think the competition is awesome,” said Becky Turner,

a close friend of the two.

“They’re not overly competitive with it, just two friends who happen to have the same, witty sense of humor and have found a measurable outlet for that humor.”

At the moment, Holleran has the lead. However, it is possible that Marker can steal it before the year is up.

Though both girls are vying for the lead, it has not hindered their personal relationship.

“My favorite kvetches of Kara’s have to do with her science classes,” Holleran said. “One of my favorites is probably ‘A Microbiology Gettysburg Address: Forespore and seven smears ago...’”

The pair said they do it to make people laugh, not for recognition.

“Kara and I love making people laugh,” said Holleran.

“And UNC is definitely a place where people need some humor to brighten up their day.”

Turner acknowledged the strength of the girls’ bond from outside of the competition.

“Overall I think it adds another layer of connection between the two of them,” Turner said. “This friendly competition is clearly something that they bond over, and it’s definitely a memory they’ll treasure throughout the years.”

The pair loves sending in their own kvetches, as well as reading ones submitted by each other. The winner is going to receive a dinner at the Carolina Inn at the expense of the loser, but they are more excited about actually eating a meal together.

*university@dailytarheel.com*

**TOP KVETCHES**

Best friends Annie Holleran and Kara Marker are proud of their kvetches. Here is a sampling of their favorites:

- My Fellow Biology majors, don’t forget when you’re up late studying to specify your Google search for “cleavage.” Sincerely, Library Facepalm
- To the bus driver who nearly closed the doors on me as I tried to exit: RU kidding me?
- Shoutout to myself this week because I thought a cute guy on a bike was waving to me but ... he was just turning left
- To my sociology professor who assigned “optional”

reading: Don’t worry, I gave my friends the “option” to give me free money and gifts yesterday and no one did that either.

- Seriously considering lighting candles and chanting the words to “The Wheels On The Bus” at the bus stop to try and summon a bus that’s actually on time in the morning.
- As an English major with 23 books this semester: All I do is read, read, read no matter what — got plot points on my mind, I’ve already had enough.
- To my laptop: I still have to work when I don’t have any energy left, so you need to get your shit together.

# Performers swap gender roles in theater collaboration at Local 506

“Broadway Twisted” returns for its third year of comedy.

By Siena Scarbrough  
Staff Writer

For the third year in a row, Broadway is about to get twisted for a good cause.

PlayMaker’s Repertory Company is joining forces with Durham’s Manbites Dog Theater to create a night full of gender-swapped show tunes tonight in “Broadway Twisted,” the third annual performance in which songs typically performed by men will be taken on by women and vice versa.

“We get really good performers, singers, dancers — people that just like to be up on stage in front of a crowd and entertaining — and give them a song to sing,” said Wagon Wheels Arts founder Tim Scales. Wagon Wheel Arts, a North Carolina arts marketing and public relations group, is producing the show.

This event, which features eight UNC undergraduates in addition to multiple graduate students and UNC faculty singing a set of 20 to 30 songs, will do more than just entertain an audience with its interesting take on Broadway classics. The proceeds of the performance will go to the organizations Broadway Cares and The North Carolina AIDS Action Network.

“For this one night we can sing any show tune that we’ve



COURTESY OF WAGON WHEEL ARTS

Director and UNC MFA student Arielle Yoder rehearses with music director Jesse Kapsha on keys.

ever wanted,” said Jackson Bloom, a UNC senior performing in Broadway Twisted.

“There’s a tradition of Broadway performers supporting the AIDS charities because so many Broadway performers were affected by the HIV virus in the 80s and 90s,” said Scales. “That tradition has held through.”

UNC dramatic arts masters student Arielle Yoder, who is directing the show, noted the importance of staying committed to this cause.

“The more awareness that is raised about the issue and the more help the charities get, the closer we are to finding a cure,” Yoder said.

Though similar benefit concerts have been held in places such as New York City, “Broadway Twisted” is the first of its kind in the Triangle area. Wagon Wheel Arts started the show as a way to make sure the awareness raised made its way into the community.

The night aims to help fight against a serious issue while still keeping the environment light and enjoyable.

“It allows students who maybe feel uncomfortable coming out or uncomfortable expressing themselves to participate in a venue that is open and supportive and fun and welcoming,” Yoder said. “It also allows students

to get a better look at some of the issue that are going on in their community.”

Scales described how benefit events like “Broadway Twisted” are so important to the community and the causes they serve.

“The arts are essential to a community — essential as entertainment but also as a way to create community and support our citizens,” Scales said.

“An arts event is one that citizens come out and support, so this is a great way to redirect that energy towards a great cause.”

*arts@dailytarheel.com*

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**GREENSBORO**



# Student leaders honor shooting victims

## The award was given during Saturday's ASG meeting.

By Elizabeth Matulis  
Staff Writer

In the final meeting of the UNC-system Association of Student Governments this academic year, N.C. State University's Zack King was sworn in as the next president — beginning his tenure as the student representative on the UNC Board of Governors. The main focus of the meeting, held at East

Carolina University, was a recap of events from throughout the year. Still, Steve Nunez, a delegate from UNC-Wilmington, said delegates found time to debate several new grants. A grant for an exam week event and a suicide awareness event for Appalachian State University were passed after multiple suicides this past year at the campus. N.C. State also received a grant for LeaderShape, a summer leadership camp. UNC-CH applied for a grant to lobby the legislature to pass the Energy Freedom Act, which would allow UNC

to buy solar panels from third-party vendors, but Nunez said it failed. "The Finance and Budget Committee decided that that was a little bit too political to make a stand on as an entire ASG," Nunez said. On Friday, ASG also gave out various awards. The Eve Marie Carson Servant Leadership Award went to Chapel Hill shooting victims Deah Barakat, Yusor Abu-Salha and Razan Abu-Salha. The award will be presented to their families this week. It was the last ASG meeting for Alex Parker, who served at the helm of the

organization during a difficult year for the UNC system. "I think we definitely made progress," Parker said. "ASG has not always been the most efficient organization and does not have the best reputation among students and among board members and the General Administration." Parker said his biggest advice to King was to remember that while on the Board of Governors and leading ASG, he is the voice of students, not any particular group, campus or political ideology. "Your power comes from

*"Your power comes from ... representing over 220,000 students."*  
**Alex Parker,**  
former ASG president

the weight of the fact that you are representing over 220,000 students of the system," said Parker. "That is your strength, and that's what you need to leverage in order to make a difference." King said he's already looking ahead, and he plans to focus on the "big four" in

2015-16 — sexual assault, mental health and racial and gender issues. He also said ASG will push for better voting access on campuses. He hopes to expand system-wide initiatives and advocacy, such as the day of sexual assault awareness that occurred on April 6. "I think if there is just one or two of us, even if we are one of the bigger schools, it's really not going to make as much of an impact as all 17 schools standing up and saying this is where we all stand on this issue," King said.

state@dailytarheel.com

# Student environmental groups to deliver a list of demands

## The Campus Y led the effort, which has 600 student signatures.

By Lauren Hong  
Staff Writer

A coalition of student environmental groups at UNC has gathered more than 600 signatures on a petition of environmental demands that they plan to present to the state legislature on April 21. Students Working for Environmental Action and Transformation, a committee in the Campus Y, is leading the effort in collaboration with UNC Sierra Student Coalition, the Epsilon Eta

environmental honors fraternity and UNC's GlobeMed. The petition's demands include adopting renewable power policies, increasing access to farmer's markets, expanding solar rights, reversing approval of hydraulic fracturing in North Carolina, cleaning up coal ash and finding a better waste-disposal location. "We wanted to show that there is a front of students that want to be involved in political activism, that they care and know what's going on in the Senate and the House," said Sandrine Charles, co-chairwoman of SWEAT. The "expand solar rights" section of the petition asks the legislature to pass the Energy Freedom Act, which would

*"We wanted to show that there is a front of students that want to be involved."*  
**Sandrine Charles,**  
co-chairwoman of SWEAT

expand solar energy opportunities by allowing third-party sales. North Carolina is one of a handful of states that does not currently allow that. Rep. John Szoka, R-Cumberland, spoke to students at UNC on Thursday about the bill. He said he currently has 30 co-sponsors and that about 25 percent of the House supports his proposal. The state has a robust system of tax credits that help defray the cost of solar panel installations — but the beneficiaries

currently don't include the military, UNC-system schools or state agencies. Individuals and private companies receive a 35 percent state tax credit and a 30 percent federal tax credit. Szoka's bill would allow UNC to partner with an outside company that would own solar panels installed at UNC. The company would sell energy to UNC and get tax benefits for the panels, which would allow them to offer the University a cheaper rate. "UNC has the money to

buy renewable energy and wants to, but it is just not cost-effective right now," said Spencer Nelson, co-chairman of the Renewable Energy Special Projects Committee, which work to promote renewable energy on campus. The bill also includes military bases, which are required to get 25 percent of their energy from renewable sources by 2025. Nelson said they need third-party sales to meet the deadline. "The bill should be a nonpartisan issue, with conservatives supporting deregulation, and consumer choice in energy providers, while liberals are supporting cheap, renewable energy," Nelson said. "Both sides support the N.C. solar industry." The bill's primary oppo-

sition comes from Duke Energy, the main public utility that N.C. public institutions and military bases purchase energy from and one of the most powerful lobbying interests in the state. Nelson said the bill would largely eliminate the need to purchase from Duke Energy. "We have a reasonable chance, it has broad bipartisan support," Nelson said. "It really just depends on what kind of opposition Duke Energy brings to the table."

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## Help Wanted

GYMNASTICS INSTRUCTOR: Chapel Hill Gymnastics has part-time positions available for energetic, enthusiastic instructors. Applicants with knowledge of gymnastic terminology and progression skills preferred, must be available 2-4 days/wk. 3:30-7:30pm, some weekends. Send a resume to margie@chapelhillgymnastics.com.  
CHILDREN'S BOUTIQUE: Glee Kids children's boutique is hiring! Must be great with customers of all ages, especially the little ones. Hours are flexible and will consider summer or long term employment. Email us a little about yourself at gleekids@yahoo.com.

STRONG STUDENT WANTED, for help with yard, garden and miscellaneous outdoor work, at house near campus. Informal, home based experience just fine, an interest in landscaping a plus. Must be available year round, able to lift 75 pounds, use my equipment. \$15/hr., flexible scheduling to accommodate your classes. For more details: lbanner@nc.rr.com.

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**If April 13th is Your Birthday...**  
Discover happiness this year by pursuing fun with people you love. Find ways to transform work into play. Creativity abounds in fertile collaboration. Profit through communications and networking. Drop old routines for new spontaneous possibilities. Launch a venture after 6/14. Embrace a new career phase after 10/13. Resolve personal issues after 10/27. Practice your game.

To get the advantage, check the day's rating: 10 is the easiest day, 0 the most challenging.

**Aries (March 21-April 19)**  
Today is a 6 -- Get organized. Talk with friends gets further than action today. Support someone with a hardship. Don't react blindly. Check the big picture. Use something you've been saving. Resist temptation to spend. Connect people together.

**Taurus (April 20-May 20)**  
Today is a 6 -- Professional obstacles arise. Persistent efforts eventually get through. Read the manual. Take frequent nature breaks to recharge your spirit. Advise an impetuous person to keep at it. Listen and learn. An older person sends love.

**Gemini (May 21-June 20)**  
Today is a 7 -- Take a break in your travels. More study is required. Obstacles and delays abound. Slow down and avoid an accident. Play by the book. Do the homework. You have what you need.

**Cancer (June 21-July 22)**  
Today is a 6 -- Take one step at a time. Keep on, despite financial setbacks or obstacles. Don't hurry, but don't stop either. Take time to research the road ahead. Make sure your intentions are known. Count your blessings, and your assets.

**Leo (July 23-Aug. 22)**  
Today is a 7 -- Take it easy ... slow and steady wins the race. Consider potential problems before acting. Plan, and then revise to include forgotten resources. Logistical problems can be solved. Avoid provoking jealousy. Keep your word and gain respect.

**Virgo (Aug. 23-Sept. 22)**  
Today is an 8 -- Sidestep obstacles at work. Slow to avoid breakage. Take time to finish an old job before beginning the next. Reassure someone who's anxious. Your partner's full of good ideas. Don't take on new debt. Take responsible action.

**Libra (Sept. 23-Oct. 22)**  
Today is a 6 -- Keep practicing. Get to breakthroughs by having breakdowns. Fail! And then show up. Loved ones are there for you. Follow through, even if you don't feel like it. Get expert assistance and coaching. Memorize the rules.

**Scorpio (Oct. 23-Nov. 21)**  
Today is a 5 -- Delays could stall a home project. Something you're trying doesn't work. Get feedback from family. Hunt for bargains with the extra time. Clean drawers, closets and attic. Sort, file and organize. Compromise to fit the budget.

**Sagittarius (Nov. 22-Dec. 21)**  
Today is a 6 -- Romance tickles your fancy. The plot thickens. Plan your next move. Know who said what to whom. List all the reasons why not. Forward progress is possible. Expand your heart.

**Capricorn (Dec. 22-Jan. 19)**  
Today is an 8 -- Persistence and determination can unlock doors. Patience is required ... or you could try again later. In a disagreement about priorities, fulfill financial obligations. Do what you said, without losing your temper. Indulge in a treat at home.

**Aquarius (Jan. 20-Feb. 18)**  
Today is an 8 -- Self-discipline with personal ritual enriches the experience. Abandon procrastination. Make a decision you can live with. Don't buy gadgets. Gain strength with repetition. The feeling of success ebbs and flows. Anticipate resistance. Get a coach from your network.

**Pisces (Feb. 19-March 20)**  
Today is a 5 -- Practice healthy diet and exercise routines. Consider your core values. Accept assistance. Don't give up. Apply elbow grease to deep cleaning. Release some baggage. Lighten up, physically, mentally and spiritually.

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MEN'S TENNIS: WAKE FOREST 4, NORTH CAROLINA 3

# Doubles play thwarts tennis team

One UNC duo did beat the No. 9 doubles team in the country.

By Mohammed Hedadji  
Staff Writer

Despite fighting back from a dismal start to win three singles matches, doubles play would prove to be the North Carolina men's tennis team's demise against Wake Forest on Sunday.

The team rallied late against the Demon Deacons, but lost 4-3 by a narrow doubles point.

While their team was inconsistent, Robert Kelly and Brett Clark shined in

both doubles and singles play.

For this duo, their experience together has fueled their success.

"We've been playing together since February," said Clark, a junior. "And the more we play together, the more comfortable we are together on the court."

The duo scored a huge upset against a surging Wake Forest team, comprised of Skander Mansouri and Christian Seraphim. Having won 12 matches in a row, Mansouri and Seraphim were ranked the No. 9 doubles team in the nation and looked poised to extend their streak.

But Clark and Kelly had other plans, and a streak of their own to build upon.

Having now won seven in a row, the pair, ranked No. 59 in the nation, continues to build momentum and improve upon its play together.

"We have very similar playing styles, and (Brett) has sort of taken me under his wing this season," said Kelly, a freshman. "We just click."

But their doubles play wasn't all that clicked, as both fought back from dropped first sets to win their singles matches as well.

For Kelly, the support of his team helped him battle back.

"Coming into this program as a freshman, you have a lot to prove," Kelly said. "And I knew my teammates will rally around me no matter what."

The situation looked grim for the Tar Heels, as every singles player dropped his first set.

When the dual looked like it was going to end in quick fashion, Clark and Kelly stepped up.

"Once I saw that we lost all six first sets, I knew I just had to battle," Clark said. "I really just laid it on the line for my team. I knew we were going to need it."

Despite their efforts, the Tar Heels fell just short.

"I was impressed with how our guys fought back," Coach Sam Paul said. "But we had already dug ourselves a pretty deep hole."

Doubles play proved to be the deciding factor, as the

point earned from doubles play gave Wake Forest the advantage it needed.

But the Tar Heels cannot fixate on what could have been, as their only option is to move forward.

With every loss coming on the road, UNC knows now where they need to improve.

"We've been undefeated at home this season," Kelly said. "But we have a lot of work to do in terms of our mindset and how we approach away matches."

The Tar Heels couldn't maintain that mindset on Sunday, but Clark and Kelly did their part.

sports@dailytarheel.com

MEN'S LACROSSE  
FROM PAGE 10

est deficit of the season.

But the Orange didn't make the more than 600-mile trip to Chapel Hill just to get smacked on national television. Syracuse made a ferocious comeback in the final eight minutes of the game, scoring four unanswered goals to cut the UNC lead to 17-15 with 1:52 left to play.

Syracuse had a man-up opportunity following the goal, but senior and New York native Jake Bailey forced a turnover that allowed UNC to seal the win. The victory improves UNC to 12-1 and 3-0 in the ACC, an ACC feat it hasn't accomplished in 23 years.

"Everybody knew that this was their day," Breschi said of Sankey and his fellow seniors. "And everybody responded."

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DTH FILE/MATT RENN

Senior defender Sarah Scott (19) chases the ball during the game against Elon on March 1. Scott had three fouls against Syracuse on Saturday, helping the Tar Heels defeat the Orange 15-8.

WOMEN'S LACROSSE: NORTH CAROLINA 15, SYRACUSE 8

# Defensive unit bands together on Senior Day

By Ben Salkeld  
Senior Writer

Caileigh Sindall, Sarah Scott, Courtney Waite and Margaret Corzel have shared four years together as a defensive unit on the North Carolina's women's lacrosse team.

On Senior Day on Saturday, they all shared the back line for one more regular season victory on Fetzer Field — this time a 15-8 win over a No. 6 Syracuse team that had beaten them in both of their previous meetings during their careers.

The four helped hold the Orange — tied for 15th nationally in scoring offense — to just eight goals in a dominant display; denying scoring chances, creating turnovers and initiating counter-attacks.

"We've got a great defense," Coach Jenny Levy said. "Down the stretch in the second half, Courtney Waite was phenomenal. I thought they played well together. To be really, really good, it's all about the little details and layering those up, and these guys have been doing just that."

Waite was instrumental in starting an important counter-attack in the final four minutes,

after Syracuse had shown signs of a potential comeback with three unanswered goals in six minutes. Waite won a ground ball and sprinted across three quarters of the field to create a third goal for junior Sammy Jo Tracy and seal the victory.

"(The caused turnovers and counter-attacks) were definitely one of our biggest pushes, so we're very thankful that we have such a strong defense," Tracy said. "We definitely feed off of them."

Scott said she believes the high level of shared experience among the defenders has been a key to their stifling play from the back, which has put UNC tied for No. 16 in the country in scoring defense.

"There's been six of us that have been with each other for years now," Scott said. "So we have a lot of chemistry down there. And we all play the same way. We have the same sense of fire and passion and the same energy."

"We're always causing a lot of turnovers. We're really aggressive, and we like to do that."

The defense's efforts to lock down the Orange on Saturday were aided by equally strong

goalkeeping performances from sophomore Caylee Waters and junior Megan Ward. The two combined for nine total saves, including four on free position shots. Waters allowed only three goals in her first-half stint, making three back-to-back saves during one four-minute possession.

Losing four senior defenders will undoubtedly affect the Tar Heels next year, but Levy said this unit's defensive prowess has been the result of hard work and preparation — something of which the team is never in short supply.

"(Our senior defenders) were all works in progress that ended up on the field," she said. "Sarah Scott didn't start until her junior year. Courtney Waite was in and out starting her sophomore year. Obviously, (Corzel) has been in our program a long time — she's been a four-year starter."

Levy added that this group will still be missed for more than just their abilities.

"They're funny," Levy said. "They keep it light. And they're just really good at what they do."

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WOMEN'S ROWING: ALL BOATS MADE IT TO FINALS

# Rowing teams push past competition

By Jane Zorowitz  
Staff Writer

Buying in and believing — that's what it takes to win, according to varsity eight coxswain Kylee Wooten.

And that's what the North Carolina women's rowing team did this weekend at the Knecht Cup in West Windsor Township, N.J. Every single boat, for the first time this season, bought in and believed its way to the finals.

"This race was really, really fast," Coach Sarah Haney said.

"It was championship style, which is a lot of pressure on a team. But everyone handled each stage really well without getting too far ahead. They all took care of business one race at a time."

North Carolina's second varsity four finished sixth in the petite final with a time of 8:17.00, while the second varsity eight also went to the petite final in its category, finishing fourth with a time of 7:08.67.

The women's varsity four

finished fifth in the third level final with a time of 8:09.39, and the women's varsity eight finished sixth in the third level final with a time of 7:11.09 — solidifying North Carolina varsity's presence in every final event.

"We just really had good morale this weekend, which we haven't seen the past couple years," Wooten said.

"So much of this sport is about chemistry, and I don't think people realize how much of it is just being in sync."

"People adapted really well this weekend and didn't let those outside factors affect our bubble."

Not to be outdone by the varsity's impressive teamwork, the novice teams stood out this weekend as well.

In the women's novice four, UNC placed third in grand final — third overall — with a time of 8:08.39, and the novice eight also finished third overall with a time of 7:10.59.

"The novice teams have really focused on just attacking every single race and

building more and more confidence," Haney said. "They're trying to create a culture of fighting and not losing, and those guys have just really grabbed on to that mentality."

For the novice teams, the goal continues to be not only to win but also to foster the same teamwork and chemistry that the varsity team has spent years establishing.

And this weekend, in their first real regatta, the novice teams proved that they are on their way.

"I think we really got that competitive atmosphere, and we were able to handle it really well," said freshman rower Nina Luker.

"I think we're going to be able to bring that into the following competitions and especially the ACC championships."

And with the ACC championships only a month away, teamwork — especially buying in and believing — will only become more important.

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games

SUDOKU

THE SACRILEG OF PUZZLES By The Mephams Group

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Solution to Friday's puzzle

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Los Angeles Times Daily Crossword Puzzle

ACROSS

1 Software versions that probably have bugs  
6 Deer sir?  
10 Long-running TV forensic series  
13 Reason for some food recalls  
14 Tractor brand  
15 Gavel sound  
16 King of ragtime  
18 California's Santa \_\_\_ Mountains  
19 2,000 pounds  
20 Lee in the frozen foods section  
21 Gives off  
23 Presley film set in Sin City  
26 Noisy insect  
29 Seuss' "Horton \_\_\_ a Who!"  
30 In any way  
31 Artist Francisco  
33 Right-angled pipes  
36 Penalty flag thrower  
37 Sincere  
40 Promise to repay, for short  
41 The "E" in FEMA: Abbr.  
43 Fez and fedora  
44 Speaks scratchily  
46 "Sour grapes" storyteller  
48 Multi-room

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49 One chasing outlaws for money  
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54 Zip, as a Ziploc  
55 Static jolt  
58 Bikini top  
59 Counter wipers, or what the starts of 16-, 23- and 49-Across are  
63 Lanai wreath  
64 Preface, briefly  
65 Yeas and nays  
66 Mass. clock setting  
67 Mix, as a salad  
68 Make into a statute

DOWN

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6 Leaf under a petal  
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8 Tycoon Onassis

9 Swiss convention city  
10 Site for online bargain hunters  
11 Legendary sleigh rider  
12 "Not interested"  
14 Animated kid explorer  
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22 For a \_\_\_ pittance  
23 Actor Kilmer  
24 "Now I remember"  
25 Caspian and Black  
26 Handle with \_\_\_  
27 Gossip column couple  
28 17-Down with hot milk  
31 Boardroom diagram  
32 Toronto's prov.  
34 More than trot  
35 Figure (out), slangily

38 Shout between ships  
39 Soul mate  
42 Nevada city  
45 Word before base or ball  
47 "Cut that out!"  
48 Fantasy baseball datum  
49 Holy Scriptures  
50 Fairy tale baddies  
51 Password creators  
52 Fictional sleuth Wolfe  
55 Second of four rhyming Greek letters  
56 Actor Baldwin  
57 Hissed "Hey!"  
60 "Is that \_\_\_?": "Are you declining?"  
61 Pair in a qt.  
62 Took first place

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SportsMonday

SCOREBOARD  
MEN'S GOLF: Second place in the Liberty Spring Invitational  
TRACK: Xenia Rahn broke the ACC heptathlon record  
FOLLOW US ON TWITTER: @DTHSports

WOMEN'S TENNIS: NORTH CAROLINA 4, VIRGINIA 3

# Cassandra Vazquez seals win

The women's tennis team remains undefeated after its win over Virginia.

By Andrew Tie  
Staff Writer

North Carolina freshman Cassandra Vazquez had only played singles twice heading into Friday's match between the No. 2 North Carolina women's tennis team and No. 12 Virginia, but she stepped up at a critical moment to clinch a 4-3 victory.

UNC (24-0, 12-0 ACC) rarely needs Vazquez with a deep, talented and experienced singles lineup. But junior Ashley Dai's gluteal muscles started hurting after helping the Tar Heels clinch the doubles point, so Coach Brian Kalbas called on Vazquez.

The result? Vazquez toughed out a tie-breaking singles victory, clinching the 24th win for the undefeated Tar Heels, who claimed at least a share of the ACC regular-season title.

"I was kind of thrown off a little bit," Vazquez said. "Throughout the season, our coach has instilled upon us, especially the freshmen who haven't really gotten to play every match, to just be ready because you never know when your time's going to come."

If the start rattled Vazquez, it didn't show.

On Court 6, Vazquez won the first set before anyone else and then rallied in the tiebreaker to seal the win. The Tar Heels won 4-3 thanks to Vazquez, who also clinched the win over Michigan earlier this season.

UNC went up 1-0 after doubles play, but the Cavaliers (15-5, 8-3 ACC) responded with a win over senior Caroline Price on Court 3. Sophomore Jamie Loeb, ranked sixth in the country, easily defeated second-ranked Julia Elbaba 6-3, 6-1. UNC got its third point from Whitney Kay on Court 4 after a long three-set match.

"The girl I played, I've played her before," Kay said. "I know she's kind of streaky, and she can get on a roll."

Kay edged out her opponent in the first set and lost the second, but she rebounded for the 6-0 sweep in the third.

"Whitney was cruising in the third, and that gave our team a lot of confidence to know that when she was off the court, we were one point away," Kalbas said. "There's a lot of momentum swings down there."

UNC's best hope for the fourth point lay in Vazquez with Hayley Carter and Kate Vialle heading into third sets on Courts 2 and 5, respectively. Vazquez took a 6-5 lead in the second set, but Virginia's Marie Faure forced the seven-point tiebreak.

Vazquez fell behind 4-2, and it appeared the match might head to a final set. But the crowd cheered a little harder, Vazquez zoned in a little more and Faure hit just long a couple of times. Though Vazquez raced out to win the first set before anyone else, she won the last match for UNC, which proved essential with Vialle and Carter eventually losing.

"I was feeling a little fatigued," Vazquez said. "It was getting really tough out there. I was trying to embrace all the support I was getting from the fans, and I just took it one at a time."

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BASEBALL: NORTH CAROLINA WINS THE SERIES 2-1

# PERFECT TIMING



DTH/HENRY GARGAN

Freshman infielder Zack Gahagan (10) had one hit and scored the winning run Saturday against N.C. State. UNC won the series in Chapel Hill 2-1.

## The Tar Heels took two of three games against N.C. State

By Jeremy Vernon  
Staff Writer

More than 4,000 fans rose to their feet Saturday night at Boshamer Stadium as the North Carolina baseball team entered the bottom of the 10th tied with rival N.C. State in the second game of the weekend series, which the Tar Heels took two games to one.

The rivalry has bred these types of close games, especially over the last few years. Just two years ago, in 2013, the two went 18 innings in the ACC Tournament and later matched up in the College World Series. And when things looked to be heading a similar way Saturday, UNC fans knew they needed to make their presence felt.

As N.C. State's Tommy DeJuneas took the mound against UNC's Skye Bolt in the 10th, the sea of light blue focused its energy on trying to throw him off his game.

DeJuneas walked Bolt. Then Landon Lassiter. Then Tyler Ramirez.

By the time Zack Gahagan stepped into the

batter's box, the bases were loaded with no outs. The North Carolina dugout could see what the crowd was doing to DeJuneas, as the players waved their hands to get the crowd louder. By the time both DeJuneas and Gahagan settled in, the roar of the crowd was almost deafening.

"When the crowd gets excited, we get excited," Gahagan said. "We were just trying to make things happen, and when the crowd gets behind us, it's a good feeling."

But this wasn't the case for DeJuneas. With a 1-1 count, the Charlotte, N.C., native threw a fastball high and a little too tight to Gahagan. The pitch nailed Gahagan in the left forearm, sending Bolt home and handing UNC the game 3-2.

UNC won in the bottom of the 10th without a hit and only totaled five the entire game. This was the story for the Tar Heels all weekend against their intrastate rivals. They didn't produce much offense, but when they did, it was when they absolutely needed it.

In the first game of the series, UNC only amassed three hits, but in the end, they had the

only one that mattered. In the bottom of the seventh with the score tied at one, Bolt hit a deep shot over the wall in right-center that proved to be the deciding run in the Tar Heels' 2-1 win.

Before the walk-off hit-by-pitch in the 10th on Saturday, UNC gave up solo home runs in consecutive innings. Each time, the Tar Heels answered in the bottom of the inning with a run of their own, keeping the game within reach.

"All these games were close. To win the series in one-run games like that, we did get some timely hitting," said first baseman Joe Dudek.

North Carolina narrowly eked out victories Friday and Saturday to take the series, but as senior reliever Trevor Kelley said, in a tough conference against their bitter rivals, the Tar Heels were happy to come away with two wins.

"Any way we could get it done, we'll take it," he said. "Every game with State is just like that, so any way we can get the win is great."

"We hate them, and they hate us."

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MEN'S LACROSSE: NORTH CAROLINA 17, SYRACUSE 15

# Sankey breaks record on Senior Day

With 214 points, the senior is now UNC's all-time leading scorer.

By Patrick Ronan  
Staff Writer

It's been a season full of broken records for the North Carolina men's lacrosse team, so it was only fitting that on Senior Day, one of the program's paramount players took down what is quite possibly the biggest record of them all in front of a record-breaking crowd.

Senior attackman Joey Sankey tallied his 214th career point, making him UNC's all-time leading scorer — passing Marcus Holman — and helping the No. 4 Tar Heels take down No. 2 Syracuse 17-15 Saturday afternoon.

"You can't even put it into words," said sophomore attackman Luke Goldstock, who led the Tar Heels with four goals and an assist. "He works so hard every day. He's so unselfish, and he would do anything for us to win."

The record-breaker came on a shot from Sankey with 9:17 left in the fourth quarter to put UNC ahead 17-11. As both teams prepared for the ensu-

ing faceoff, the record was announced over the loud speaker as the crowd rose to a standing ovation and good friend, and fellow senior, Jimmy Bitter embraced Sankey in a hug big enough for two.

"Being able to play with Marcus for two years, he gave me a lot of those points," Sankey said. "But I've played with so many great players here, and without them this wouldn't have happened at all. So you really have to credit the whole program, but it's a huge honor and I'm really thankful for it."

The emotions of Senior Day and welcoming back an old rival to Fetzer Field for the first time since 1993 seemed to fuel UNC early, as the Tar Heels took a 5-0 lead late into the first quarter.

"I think everybody was excited with the seniors having Senior Day, and I think they were all really amped up," Coach Joe Breschi said.

After taking a 10-6 lead into halftime, the Tar Heels started the third quarter with the pedal to the floor. With 5:40 to play in the third quarter, Bitter made a move from the left side of the box, ripped a running shot from just inside 10 yards and beat the Syracuse goalkeeper to the top corner. The goal put UNC ahead 14-7, Syracuse's larg-

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DTH/KATIA MARTINEZ

Joey Sankey (11) attempts a goal in the second half of Saturday's game. Sankey is now UNC's all-time leading scorer after beating Syracuse.

SOFTBALL: NORTH CAROLINA WINS THE SERIES 3-0

# UNC softball team proves it can find different ways to win

UNC relied on both hitting and pitching to get the job done.

By Andrew Romaine  
Staff Writer

After blasting a solo home run into the pine trees behind Anderson Softball Stadium's left-field fence, senior catcher Amber Parrish stage-dove into the outstretched arms of her teammates as she crossed home plate.

The dinger — Parrish's fifth of the week — came in the third inning of Sunday's series finale

against Georgia Tech. It helped the Tar Heels (31-10, 13-3 ACC) complete a three-game sweep of the Yellow Jackets and stay neck and neck with Florida State for first place in the ACC.

Of all the ways to score a run a home run is the quickest. It just takes one pitch, one swing regardless of the situation. The Tar Heels know that, they hit two long balls in Game 1 and three in Game 3 on their way to lopsided wins. But UNC won in other ways, too — taking Game 2's pitcher's duel 1-0 without recording a single hit.

"People are going to play us differently each game, and since we're sitting at the top of the ACC, we know that every team is going to

give us their best," Parrish said. "We knew the second game was going to be harder than the first, but we also knew that we can do different things to get a win when we need to."

In the inning before Parrish's shot in Game 3, UNC demonstrated its ability to plate runs methodically as opposed to one foul swoop.

First baseman Jenna Kelly reached base first after drawing a walk. After the umpire called strike two, Kelly looked back incredulously, and Coach Donna Papa threw her arms up in disbelief. But then Kelly fouled off pitch after pitch until she watched ball four sail high.

"I remember getting a lot of pitches," Kelly said. "I was just trying to swing at anything close because the umpire was a little iffy, he called one that was in the dirt. But finally the pitcher threw one that was over my head, so I just let it go."

Two walks later, UNC had the bases loaded with one out. Georgia Tech's pitcher wiped her brow and took a deep breath.

But UNC's Darby Rosen missed her chance to capitalize, popping up to the shortstop for out

No. 2 and prompting Papa to hurl the gum from her mouth over the fence in frustration.

But once again, UNC refused to go down easily. With two outs, left fielder Jordan Scarboro hit a sharp ground ball to the shortstop, who misplayed it, allowing Kelly to trot home.

In some ways, the runs scored by Parrish and Kelly were polar opposites. Parrish's was the result of one powerful swing. Kelly's was the result of a Georgia Tech error. Parrish's came out of nowhere with no runners on base. Kelly's was the culmination of scrappy at-bats. Parrish's was quick and efficient. Kelly's, slow and methodical.

Most importantly, UNC proved it can win the slugfest, and it can win the pitcher's duel.

"It's really hard to beat somebody three times, so I'm really proud of our team," said Papa on Sunday. "As of (Saturday) night, we were tied for first place in the ACC, so we told the girls how important it is to take care of our own business and control our own destiny."

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HAPPY 21ST BIRTHDAY,  
BEN SALKELD!