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April 20

Classes End
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Reading Days
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Commencement
Sunday, May 13
3:30 PM
Carmichael Arena

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Psychology & Neuroscience Undergraduate Newsletter

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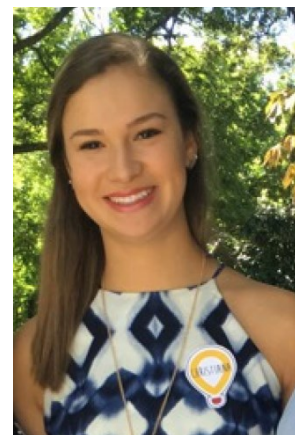
Student Spotlight

Meet **Christina Cornea**, a Biology and (soon to be!) Neuroscience double major who is conducting research in the laboratory of Dr. John Gilmore.

Tell us about your research. I am studying the asymmetry between the left and right arcuate fasciculus, the white matter tract that connects cortical regions involved with language. My research looks at how the morphology and maturation of the arcuate fasciculus is related to the language ability at age 1 year. Early childhood is a period of rapid development of white matter tracts and development of cognitive abilities. The arcuate is assessed using diffusion weighted MRIs and computer-assisted tractography to delineate the arcuate.

What do you like most about your research? Getting to apply my knowledge of neuroscience to unanswered questions and knowing that I am making an impact on the world of science. While much is known about the extent to which asymmetry of the arcuate fasciculus is related to language ability in adults, very little is known about how the asymmetry develops in early childhood and how it is related to language. Getting to be part of a team that will help future doctors and pediatricians better understand the relationship between brain and language development is incredible.

Why did you choose to do research? My first year at UNC, I had the opportunity to shadow surgeons at UNC Children's Hospital and the pediatric neurosurgery that I scrubbed in on left a lasting impression on me. It is a large part of the reason I chose to pursue research in this field. What better way to get to apply my interest in neuroscience and medicine?





Meet a Gil Intern

Meet **Melissa Burroughs**, one of our Spring 2018 interns with the [Karen M. Gil Internship Program in Psychology and Neuroscience](#).

Melissa is a junior majoring in Psychology and minoring in Neuroscience. This Spring, Melissa is exploring her research interests on the impact of drug use. She is working under Dr. Charlotte Boettiger in her Cognition and Addiction Behavioral Neuroscience Lab on projects funded by the UNC Bowles Center for Alcohol Studies. She says, "I first became interested in the complexities of drug use and addiction when I took a first-year seminar on the topic taught by Dr. Kathryn Reissner. This introduction to the world of drug research was compelling, and Dr. Reissner's guidance inspired me to get involved in research and, later, to tailor my research experiences towards research involving drugs of addiction."



As a Gil intern, Melissa is working on research examining the long-term behavioral deficits associated with binge drinking during adolescence. "I will soon have the opportunity to run participant sessions, so other lab members and I have been practicing marking and placing electrodes. I even had my brain stimulated last week," shares Melissa. Of the Gil experience, Melissa says, "I have a unique opportunity to learn from more experienced lab members and their guidance is sure to be transformative. I am confident that my experiences in the CABLab will prepare me for a future in neuroscience research."

Want to be a Gil Intern? Applications for Spring 2019 internships will be due this fall. Learn more about the [application process](#) online. Our Gil Internship Poster Showcase is free and open to any to attend! Join us on Monday, April 23 at 2:30 in the 1st Floor Lobby of Howell Hall. Questions can be directed to [Molly Corrigan](#).

2018 Commencement

Our Departmental Undergraduate Commencement Ceremony will be held on Sunday, May 13, 2018 at 3:30 pm in Carmichael Arena. We ask that graduates arrive by 3:00 pm to line up for the processional.



Students do not need to register for Commencement. The ceremony is open to the public and no tickets are needed. There is ample handicapped and accessible seating in Carmichael Arena, but we strongly recommend that your guests, especially those who may need extra time, arrive as early as possible.

Parking is limited. Several parking decks are available to the general public and are first-come, first-served. [Learn more about parking options and the ceremony online](#). Questions? [Email us](#) or call (919) 843-5467.

The University Commencement Ceremony will also be held on Sunday, May 13, 2018 at 9:00 am in Kenan Stadium. For more information, visit the [UNC Commencement website](#). A special military-affiliated graduation is also available to those who have served or are currently serving on Friday,

May 11. Visit the [Red, White, & Carolina Blue Ceremony website](#) to learn more.



Triangle SfN Neuroscience Mtg

Please join us for the 4th Annual Triangle Society for Neuroscience (SfN) Spring Neuroscience Meeting on Thursday, May 24, 2018! It will be held at the Embassy Suites Raleigh Durham RTP.

This full-day event (10 am—5:00 pm) will showcase talks from leading local researchers Drs. Allison Adcock, Heather Patisaul, and Ben Philpot, with a keynote address by Dr. Patricia Janak from Johns Hopkins University. [Learn more](#) about this year's meeting. [Register here!](#)

Registration is free to attend, with lunch included, although chapter membership is required to present a poster. Poster abstracts must be submitted by April 20th. [Guidelines](#) are available online!

PSYC Honors Deadline!

Are you interested in graduating with Honors? The Honors program in Psychology and Neuroscience has extended its deadline to Friday, April 20.

Our students find the Honors program to be an exciting opportunity to learn more about research! [Learn more online!](#)

Looking for a post-baccalaureate position in psychology? Check out an [online database of active positions](#)! You can also subscribe by email to be notified of new postings. This is a great resource for new graduates!



Duke University's Autism Center of Excellence (ACE) program is hiring full-time research assistants. There are three immediate openings and two positions with early summer start date. Bachelor's degree required. Previous research experience is preferred but not required. To apply, send a CV, statement of interest, and names of three references to [Karen Goetz](#).



The Karen M. Gil Internship Program in Psychology and Neuroscience invites you to our Intern Poster Showcase. Join us on Monday, April 23 on the first floor of Howell hall at 2:30 pm for light refreshments, networking, and poster presentations. If you are interested in an internship or research position, this is a great way to learn about some of the potential opportunities in the Triangle! More information about the Gil Internship is [available online](#)!



Jobs & Other Opportunities

Summer courses are available! Check out a few below:

EDUC 330: The Science of Learning—did you know that researchers have identified the most effective methods of studying? Learn what has been discovered, especially from cognitive psychology and neuroscience. Learn to study smarter, not more. Offered Summer Session I, MTWRF 11:30—1:00, Dr. Jeannie Loeb.

ENGL 265: Literature and Race, Literature and Ethnicity: Short Stories—this course will include stories from *The Refugees* by Viet Thanh Nguyen, *Between the World and Me* by Ta-Nehisi Coates, *Notes from No Man's Land* by Eula Bliss, and *The Best American Short Stories*, edited by Junot Diaz. Offered Summer Session I, MTWR 3:00—5:00 pm, Dr. Jennifer Ho.

PSYC 250: Child Development—learn about the social and intellectual development of children! This summer course is an excellent opportunity to get ahead on your major's requirements! Offered Summer Session I, MTR 6:00-8:35 pm, Dr. Jean-Louis Gariepy.

