

Research Education Units (28) at NC State for Undergraduate Research

- Animal Health Building (BSL2 Containment)
 - Managing Department: Animal Science
 - Contact: Dr. Jack Odle
 - 3900 Mid Pines Road Raleigh, NC 27603
 - 919.515.4050
- Animal & Poultry Waste Management Center Processing Facility Managing
 - Department: Poultry Science & Animal Science
 - Contact: Dr. Carm Parkhurst
 - 4051 Chi Road Raleigh, NC 27603
 - 919.515.5385
- [Aquaculture Educational Unit \(Fish Barn\)](#)
 - Managing Department: Applied Ecology
 - Contact: Allison Culbreth
 - 3903 Inwood Road Raleigh, NC 27603
 - tpnether@ncsu.edu
 - 919.513.2106
- Bee Research Facility
 - Managing Department: Entomology
 - Contact: Dr. David Tarpy
 - 4325 Inwood Road Raleigh, NC 27603
- [Beef Cattle Educational Unit](#)
 - Managing Department: Animal Science
 - Contact: Rick Kern
 - 4505 Mid Pines Road Raleigh, NC 27603
 - rick_kern@ncsu.edu
 - 919.513.7287
- [Dairy Educational Unit](#)
 - Managing Department: Food, Bioprocessing & Nutrition Sciences
 - Contact: Mike Veach
 - 301 Dairy Lane Raleigh, NC 27603
 - anthony_chesnutt@ncsu.edu
 - 919.515.2674
- Equine Educational Unit
 - Managing Department: Animal Science
 - Contact: Lawson Walston
 - 5100 Reedy Creek Road Raleigh, NC 27607
 - lbwalsto@ncsu.edu
 - 919.515.3049 (office)

- [Feed Mill Field Laboratory \[Feed Mill Virtual Tour\]](#)
 - Managing Department: Poultry Science
 - Contact: Shawn Bradshaw
 - 4001 Chi Road Raleigh, NC 27603
 - scbradfo@ncsu.edu
 - 919.513.2619
- Method Road Greenhouse Facilities
 - Managing Department: Crop Science
 - Contact: Wayne Holder
 - 840 Method Road Raleigh, NC 27606
 - 919.515.2642
- Metabolism Educational Unit
 - Managing Department: Animal Science
 - Contact: Tabitha Wilson
 - 2005 Trenton Road Raleigh, NC 27607
 - tabitha_wilson@ncsu.edu
 - 919.851.1803 (office)
- Poultry/Chicken Unit
 - Managing Department: Poultry Science
 - Contact: Ryan Patterson
 - 4108 Lake Wheeler Road Raleigh, NC 27603
 - 919.515.7130
- Poultry/Turkey Unit
 - Managing Department: Poultry Science
 - Contact: Stephen Hocutt
 - shocutt@ncsu.edu
 - 4601 Mid Pines Road Raleigh, NC 27606
 - 919.515.3446
- R&D Animal Air Quality Bldg.
 - Managing Department: Biological and Ag Engineering
 - Contact: Li-Wang
 - 3964 Parametric Road Swift Creek, NC 27603
 - 919-513-3158
- Small Ruminant Educational Unit
 - Managing Department: Animal Science
 - Contact: Brandon Roper
 - 2022 Trenton Road Raleigh, NC 27607
 - bill_knox@ncsu.edu
 - 919.815.2940 (office)

- Swine Educational Unit
 - Managing Department: Animal Science
 - Contact: Clay Byrd
 - 3901 Inwood Road Raleigh, NC 27603
 - clay_byrd@ncsu.edu
 - 919.515.2750

Links to National Research Opportunities

<https://people.rit.edu/gtfsbi/Symp/vetag.htm>

<https://myvetlife.avma.org/current-student/your-career/student-externship-locator#intl>

<https://www.thebalancecareers.com/pre-veterinary-internships-125694>

<https://www.niehs.nih.gov/careers/research/summers/index.cfm>

<https://docs.google.com/spreadsheets/d/1r1QHHcRPcoX6L-96i5aPjbFcC4lGFMQyrI1kqqZNwFw/edit?fbclid=IwAR0Rka-WK0Q3KV O-Ou-gJqy2xDJmyLre407 9iSr 1sJu2WAILp68Qey2Y#gid=1843579080>

University Undergraduate Research Opportunities In North Carolina:

UNC

<https://our.unc.edu/>

- **UNC has several research opportunities, which can be found under the Database of Research Opportunities. This database allows you to limit your search to your specific major, or broaden it to all majors! There are also several research course offerings, which is a great way to kick off your research career. These courses can be found under Opportunities and Courses. (LNL 9/21/20)**

NC State

<https://undergradresearch.dasa.ncsu.edu/>

- **Research opportunities can be found under the Opportunities drop down, which highlights opportunities in each college. You can also find Study Abroad**

Research opportunities, as well as research courses to gain a new perspective on research! The Office of Undergraduate Research Ambassadors can be a great connection to help you get involved in research. (LNL 9/23/20)

Duke

<https://undergraduateresearch.duke.edu/>

- Research opportunities are located under the Opportunities drop down, and broken into several categories, including Biological Sciences, Creative Arts, Engineering, and Social Sciences. Under the Getting Started drop down, the page features several FAQ's to help navigate your research career! (LNL 9/21/20)

Wake Forest

<https://admissions.wfu.edu/academics/student-research/>

- Many research opportunities are explained under the Student Resources drop down. There are several fellowships and programs available! Undergraduate Research Day allows you to showcase your dedication to research! (LNL 9/21/20)

UNCC

<https://our.uncc.edu/>

- Undergraduate research opportunities and grants are available to students, and more information on these opportunities and various programs can be found under the 'Research' link. (MR 9.21.20)

Meredith College

<https://www.meredith.edu/undergraduate-research-program>

The Undergraduate Research Program promotes collaborative projects involving students and faculty from throughout campus. Students in all academic programs are eligible to earn course credit for approved research. Academic advisers and faculty who share a student's interest can offer further information and guidance. Information can be found in links provided on this page. (MR 9.21.20)

University Undergraduate Research Opportunities in the United States:

University of Tennessee Knoxville

<https://ugresearch.utk.edu/>

- Undergraduate Research at UTK is highly regarded and there are many opportunities available. To learn more about specific programs and opportunities for undergraduates, click the 'For Students' drop down menu to access a variety of links to help you find the right research program! (MR 9.21.20)

Virginia Tech

<https://www.research.undergraduate.vt.edu/>

- The Virginia Tech Office of Undergraduate Research has various opportunities for students. More information and FAQs can be found under the 'Resources and FAQs' link. If you are interested in pursuing a research project, you can click the link to the 'Getting Started' guide. (MR 9.21.20)

Clemson

https://www.clemson.edu/cecas/departments/peer-wise/prospective_students/undergrad_research.html

- Many departments at Clemson have research opportunities available for students during the regular academic year – for some majors, it's a requirement! Creative inquiry is one way for undergraduate students to gain research experience. Students who participate in undergraduate research receive class credit for their time. For more information explore the main Creative Inquiry page and the Current Projects page to find a project that interests you, then email the professor to find out how you can join the team. Clemson also offers summer undergraduate research programs, and more information can be found linked at this page. (MR 9.21.20)

University of South Carolina

<https://undergrad.usc.edu/experience/research/>

- Information on research programs by school can be found under the 'Research Programs- by school' link. This allows students to see what is available in their area of study. Information on scholars programs, fellowships, funding, and more can be found at this page. (MR 9.21.20)

University of Pennsylvania

<https://www.college.upenn.edu/research>

- Students at Penn have the opportunity to work directly with faculty on research spanning the full range of disciplines available at the university. Students can receive independent study credit for some

research activities. More information can be found under the Resources and Options tab. (CS 9/21/20)

Ohio State

<https://ugresearch.osu.edu/Pages/Current-Research-Postings.aspx>

- Ohio State University offers undergraduate research opportunities in multiple disciplines. This link provides a list of open opportunities, however this list is not all of the available opportunities. Students can seek out positions by following the [3 Steps to Getting Involved](#). For help with the research process students can schedule an advising appointment. (CS 9/21/20)

Iowa State University

<https://www.undergradresearch.iastate.edu/about>

- Students at Iowa State University can get involved in research in labs, libraries, and in the field in a variety of disciplines. Students can gain firsthand experience with lab procedures and equipment. Opportunities can be found under the “Research Opportunities on Campus” tab. Opportunities may also be posted on the Iowa State student job board. (CS 9/21/20)

Oregon State University

<https://undergraduate.oregonstate.edu/research>

- The office of Undergraduate Research at Oregon State provides an array of resources and programs to students engaging in research. Engaging in research can provide students with the opportunity to work alongside faculty mentors and develop problem solving skills. You can find the available research programs under the “Programs” tab by clicking on the Research Program List. (CS 9/21/20)

MIT

<https://uop.mit.edu/research-exploration/uop/options>

- MIT offers research opportunities in every academic department. Involvement in research provides students with the chance to establish ties with faculty, investigate different disciplines, and acquire data gathering and laboratory techniques. Students can earn academic credit or work as a volunteer. (CS 9/21/20)

Johns Hopkins University

<https://studentaffairs.jhu.edu/preprofadvising/pre-medhealth/relevant-experience/research-opportunities/>

- Pre-med and Pre-health students can pursue research at John Hopkins University Medical Institutions. Students can earn up to 6 credits per year and a maximum of 24 credits to count towards graduation. Research experience also allows students to develop laboratory skills and critical thinking. There are multiple sites linked that provide further information. (CS 9/21/20)

Texas A&M University

https://launch.tamu.edu/Undergraduate-Research?_ga=2.132336266.58212359.1600104214-745229078.1600104214

- LAUNCH is an acronym that stands for Learning Communities (L), Academic Excellence (A), Undergraduate Research (U), National Fellowships (N), Capstones (C), and Honors (H). LAUNCH is a unit of Undergraduate Studies housed in Academic Affairs under the Provost at Texas A&M University. At Texas A&M University, research opportunities are open to all undergraduates, and you do not have to be an honors student. Research is often a collaborative effort between undergraduate students, graduate students, and faculty using an inquiry-based approach to generate new knowledge. As such, undergraduate research qualifies as a “high-impact practice,” providing students an opportunity to integrate, apply, and reflect on their knowledge. Research allows students to take learning beyond the classroom.

Cornell University

[2020 MBG REU Molecular Biology and Genetics of Cell Signaling](#)

- Ten-week summer program with a strong focus on diversity. The program aims to provide cutting edge summer research training experiences for ten undergraduates in the broadly defined area of cell signaling. Through intensive research and a series of organized activities, participants will be exposed to world-class research environments with the aim of broadening their understanding and appreciation of research (please see a story featuring our program [here](#)). Participants will also have opportunities to interact with other undergraduate and graduate students at Cornell, and enjoy the beautiful scenery and waterfalls in Ithaca, New York.

Michigan State

<https://urca.msu.edu/>

- Michigan State's career development website, **Handshake**, helps match undergraduate researchers with faculty members looking for assistance with a project or study. Faculty members can post information about research opportunities on Handshake, including a detailed description of the project, whether the position is paid or unpaid, and how interested students can apply.

University of Virginia

<http://uvaurn.org/>

- The Undergraduate Research Network is a collaborative effort dedicated to fostering the University of Virginia's undergraduate research community, increasing accessibility to undergraduate research opportunities and resources, providing informative programming, and showcasing student research experiences. URN aims to bolster the undergraduate research experience from its before its initiation, during the process, and through to the project's completion.