NC State

Our world needs big, bold ideas and deeds to match. At NC State, we think beyond boundaries to do the extraordinary. We are North Carolina’s preeminent research institution with nationally renowned programs in engineering, veterinary medicine, textiles, statistics, design, linguistics, agriculture, business, and more.

Our more than 36,000 undergraduate and graduate students learn by doing. They conduct cutting-edge research, launch new companies, and perform acts of world-changing service. Experiential learning ensures they leave here ready to meet tomorrow’s challenges.

More than 130 years after its creation, NC State continues to produce career-ready graduates and distinguished faculty whose world-class scholarship and research make a difference in the lives of everyday people across the state, throughout the nation, and around the world.

PARK SCHOLARSHIPS

The Park Scholarships program brings exceptional students to NC State based on their accomplishments and potential in scholarship, leadership, service, and character. Park Scholars receive a four-year scholarship valued at $116,000 for North Carolina residents and $208,000 for out-of-state students, a computer stipend, and specialized faculty mentoring. They take part in an extensive series of enrichment programming that prepares them to make lifelong contributions to the university, state, nation, and world.

Over the past 25 years, the Park Scholarships program has brought more than 1,100 talented students to learn at NC State. Our thriving network of nearly 1,000 alumni is addressing challenges around the world, a testament to the legacy of NC State alumnus Roy H. Park ’31.

Park Scholarships are awarded each year to outstanding entering freshmen for study in any discipline, with two-thirds designated for North Carolina residents.

“Best four years of my life.”

— Class of 2021 Park Scholar
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The program would not be where it is today without the enormous support we receive from the Park community. From the 428 members of this year’s Selection Committee who helped us identify the 26th class of Park Scholars in a fully virtual selection cycle, to the 532 donors whose generosity is helping us build the Park Scholarships Sustaining Endowment, our program grows stronger thanks to the investment of our dedicated community of supporters. We are especially grateful to note that, since 2019, NC State Day of Giving gifts small and large collectively raised more than $1,300,000 for the program. The One Pack One Park: Diversity, Equity, and Inclusion Fund — which we launched in September to provide enduring support for diversity, equity, and inclusion initiatives within the Park Scholarships program — now has more than $140,000. The program’s eighth and ninth co-named Park Scholarships were committed this year, one by a Park alumni couple and the other by a Park parent, while another Park parent pioneered a new type of gift in order to bring a 40th Park Scholar to the Class of 2025.

Throughout a year of extraordinary tragedy and hardship, I have never been more grateful for the team of staff and faculty who continued to pour themselves into the work of supporting the Park Scholars. The past year has shown the unwavering dedication of the Park Scholars to scholarship, leadership, service, and character. I am deeply appreciative of all who have helped build this program over the last 25 years, and I look forward to seeing its growing impact as Park Scholars lead and serve communities near and far in the years to come.

Eva Feucht ’02
Rachel Beall ’23 studied the relaxation behaviors of ferroelectric materials under the influence of various electrical frequencies, with implications for technologies in the energy, medical, and computing fields. Beall also studied how instrumental parameters affect the results obtained by X-ray diffraction, a common analytical technique used to determine information about the microscopic properties of materials. Her X-ray diffraction research utilized Bayesian statistics, rather than classical statistics, as is typically done. This work will help provide more accurate information about the structure and function of materials.

Mallory Bryan ’21 collaborated on a research study developed by Julie Casani, director and medical director of Student Health Services at NC State. The study used data analytics tools to explore how students who originate from areas with social determinants of health that reflect disparities and vulnerabilities are disproportionately affected by the move to university life and the demands of a changed environment. The goal of the study is to create programming at NC State to ensure that students from vulnerable areas are connected to wellness resources on campus, which will ultimately lead to improved academic success and overall wellness.
Natalie Chazal ’21 worked with the Biosystems Analytics Lab to quantify and map the spatiotemporal changes in historic coastal sampling of bacteria in North Carolina’s shellfish-growing waters. This research will be used to help inform management decisions by fisheries and natural resource organizations and to support future water quality research in the coastal areas of North Carolina.

Megan Cislo ’23 joined the Cheng BioTherapeutics Lab at the NC State College of Veterinary Medicine to assist in research on pulmonary regeneration. She helped conduct research studying the effects of lung spheroid cell derivatives on rodent models of pulmonary hypertension-associated heart failure with preserved ejection fraction.

Christiana Daniel ’23 worked with a doctor and researcher at the American Center for Reproductive Medicine to write a scientific paper on sexual dysfunction in patients with end-stage renal disease. The paper was published in Andrologia in May 2021.

Shannon Dolan ’22 used her second year in the Doris Duke Conservation Scholars program to complete a research project on the accuracy and limitations of using drone aerial mapping to predict oyster reef habitat.

Ariana Frazier ’23 co-authored a manuscript focused on gender identity and gender privilege as part of her undergraduate research assistant position at the Black Health Lab in NC State’s Department of Psychology. The research examined the ways in which white men perceive gender discrimination in their lives and implications for those with and without intersectional identities.

Kavin Govindarajan ’24 is developing persistent planning algorithms for renewably powered agents in spatiotemporally varying environments. He is working to determine how autonomous vehicles powered by renewable energy should make decisions to navigate an environment that changes over time in an unknown manner. The goal is for this technology to be used in scenarios such as scientific monitoring of oceans and lakes, in which case mission durations can be extended almost indefinitely.

Daniel Haller ’22 continued his work in the Crook Lab, which focused on metabolic engineering of the probiotic yeast *S. boulardii*. The team aims to engineer a strain of this yeast to produce a vitamin A precursor for use in treating vitamin A deficiency.

Maddy Hannan ’24 researched ways to sustainably improve water quality by using organic bacteria instead of chemicals as filters.

Abby Hodges ’22 wrote parts of scientific papers, submitted IRB protocols, and carried out literature reviews as part of the Brody-Park Internship. The two studies she worked with involved studying neonatal abstinence syndrome and attendance at well-child-care visits, as well as the effectiveness of a program for children with complex and chronic conditions.

Zack Jenio ’22 analyzed the Arabic linguistic choices in Mohammad Abdelnabi’s *In the Spider’s Room* to examine Arab societal perceptions perpetuated through language while also investigating the problems of Western translations inadvertently queering Arabic texts and distorting the author’s original purpose. Jenio presented this research at NC State’s annual Gender & Equity Research Symposium.

Kelly Koehler ’23, an assistant at the Shellfish Pathology Lab at NC State’s Center for Marine Science and Technology in Morehead City, supported research related to spring mortality events of eastern oysters. She sampled and processed oysters for histology, met oyster aquaculturists, utilized nuclear magnetic resonance to detect metabolites present in oyster gill tissue, and sequenced bacterial 16S gene data from gill tissue and water samples to analyze the microbiome of oyster plots and ambient waters.

Nehemiah MacDonald ’23 worked in the Precision Engineering Consortium on a project to create a set of surgical forceps with an integrated cauterizing device. The device will enable surgeons to perform multiple processes without having to switch between tools.

Katelyn McInerney ’23 worked to determine the genetic underpinnings of hybrid male sterility in house mice, a contributing factor to reproductive isolation and evolutionary speciation. She analyzed images of testis histology and performed quantitative trait loci analysis. The project will culminate in a paper published by 2022.

Shevani Mehta ’22, a 2020 Marian Drane Graham Scholar, completed an in-depth literature review of global leadership competencies and a 10-year program report on the Global Leaders Program.

Nikhil Milind ’21 conducted research comparing the genetic architecture of allergic airway disease and influenza A in Collaborative Cross mice. This work is being catalogued in a first-author manuscript.

Irene Nazario ’23 participated in fieldwork research projects that involved trapping two types of turtles, the red-eared slider (RES) and the yellow-bellied slider (YBS), for research projects by NC State and the North Carolina Museum of Natural Sciences. The first project examined how hybridization between the native YBS and the invasive RES affects turtle populations. The second project evaluated the health of the wild YBS.

Shannon Pinnell ’22 worked on developing a point-of-care biosensor to detect an epilepsy drug in blood plasma. This involved developing an electrochemical current sensor and impedance sensor as well as cartridge technology.

Siddharth Samal ’23 collaborated with a group of seniors and graduate students to develop an object-detection computer algorithm that uses camera-like sensors to analyze and distinguish the physical properties and behavior of any object. He rigorously tested the algorithm and suggested solutions to train the algorithm to detect objects with the highest possible accuracy.

Annual Report 2020-2021 5
NATIONAL AWARDS AND CAMPUS HONORS

Astronaut Scholarship
Awarded to students pursuing a STEM degree who intend to pursue research or advance their field.

Noah Wolfe ’22, a junior studying physics and mathematics, was selected as part of the 2021-2022 class of Astronaut Scholars. The scholarship provides an award of up to $15,000 and a trip to the Astronaut Scholarship Foundation’s Innovators Weekend.

Churchill Scholarship
Awarded for graduate-level study at the University of Cambridge

Nikhil Milind ’21 and Ana Sofia Uzsoy ’21 are the program’s — and NC State’s — third and fourth Churchill Scholars. The Churchill Scholarship was set up at the request of Sir Winston Churchill to fulfill his vision of scientific exchange between the U.S. and the U.K. Nikhil and Ana Sofia are among the 17 recipients this year of the scholarship, which sponsors graduate-level study at the University of Cambridge and covers full tuition, a stipend, travel costs and the chance to apply for a special research grant.

DAAD-RISE Research Scholarship
Awarded to undergraduate students from Canada, the United Kingdom, and the United States to conduct science and engineering research in Germany

Nadia Sheppard ’22 received the DAAD-RISE Research Scholarship, which is awarded by Deutscher Akademischer Austausch Dienst. The program promotes exchange in the fields of natural science, engineering and life sciences, and recipients are matched with doctoral student mentors.

Fulbright Austria U.S. Teaching Assistant Award
Awarded for teaching English and promoting cultural exchange in Austria

Mackenzie Lamb ’21 received a Fulbright Austria U.S. Teaching Assistant award to teach English in Austria. Each year, the Austrian Federal Ministry of Education, Science, and Research partners with Fulbright Austria to place U.S. college graduates in teaching assistant positions with the goal of inspiring cross-cultural exchange and engagement.

Ernest F. Hollings Scholarship
Awarded for scientific study and an internship at a National Oceanic and Atmospheric Administration facility

Kelly Koehler ’23 was named a NOAA Ernest F. Hollings Scholar. This program awards undergraduates up to $9,500 per year in academic assistance for two years and a 10-week, full-time paid summer internship at a National Oceanic and Atmospheric Administration facility to get hands-on, practical experience.

Knight-Hennessy Scholarship
Awarded for graduate-level study at Stanford University

Karli Moore ’16 a doctoral student at Stanford University’s School of Earth, Energy and Environmental Sciences, is the third Park Scholar and fourth Wolfpack graduate to receive a Knight-Hennessy Scholarship. This international, graduate-level scholarship program at Stanford University provides full funding to pursue any graduate degree and includes additional opportunities for leadership training, mentorship, and experiential learning.

National Science Foundation Graduate Research Fellowship
Awarded for graduate-level study in science, technology, engineering, or mathematics

Ziad Ali ’19, Nikhil Milind ’21, and Ana Sofia Uzsoy ’21 were all named to the National Science Foundation Graduate Research Fellowship program. This fellowship supports outstanding graduate students in STEM disciplines pursuing research-based master’s and doctoral degrees at U.S. institutions. The five-year fellowship includes three years of financial support including an annual stipend of $34,000 and a cost of education allowance of $12,000.

Mathews Medal
This medal, the highest nonacademic distinction awarded to NC State students, recognizes graduating seniors who have created a lasting legacy at the university

Matt Traenkle ’21 was honored for the legacy created through his philanthropic leadership and service to the campus and wider North Carolina community. The Mathews Medal is bestowed upon graduating seniors who have made NC State a better place.

Phi Beta Kappa
The country’s oldest society for the recognition of academic excellence and achievement. To be inducted, juniors must have a 4.0 GPA, and seniors must have a 3.85 GPA.

Elijah Bouma-Sims ’21
Srikar Nanduri ’23
Megan Cislo ’23
Beth Rodgers ’22
Michael Evans ’21
Ethan Scheper ’22
Annalise Hafner ’22
Lauren Spell ’21
Mackenzie Lamb ’21
Thomas Steckmann ’22
Odai Mansour ’21
Ana Sofia Uzsoy ’21
Shevani Mehta ’22
Noah Wolfe ’22
Nikhil Milind ’21
Ben Zino ’22
Shannon Dolan ’22
Lauren Spell ’21
Michael Evans ’21
GERALD H. ELKAN
DISTINGUISHED LECTURE
IN SCIENCE AND SOCIETY

On Oct. 1, the Park Scholarships Class of 2022 hosted the program’s third Gerald H. Elkan Distinguished Lecture in Science and Society. Thomas Hager, an award-winning author whose writing has focused on climate change, clean energy, and the future of food, discussed “How To Talk About Science in a Post-Truth World.”

Hager’s writing examines how science and technology change human lives. He is the author of 12 books on science and medical history, as well as more than 100 features and news articles in a variety of popular and professional periodicals. He holds a master’s degree in medical microbiology and immunology from Oregon Health Sciences University, as well as a master’s degree in journalism from the University of Oregon. He is currently a courtesy associate professor of journalism and communication at the University of Oregon.

The Gerald H. Elkan Distinguished Lecture on Science and Society, an annual talk at NC State given by a prominent thought leader, was established in honor of Elkan’s 40-year career as a microbiology professor in NC State’s College of Agriculture and Life Sciences.

WATCH THIS EVENT AT park.ncsu.edu/thomas-hager.

Elkan Lecture Advisory Committee

Gerald Elkan
Professor Emeritus, Microbiology, NC State University
Amy Grunden
Professor, Microbiology, NC State University
Jim Ligon
Consultant, Ligon Biotechnology Consulting Services
T.J. Schneeweis
Retired Microbiology Laboratory Supervisor, NC State University
Mark Stowers
Chief Operations Officer and President, Inari Agriculture
Mark Voelker ’02
OpenStack Architect, VMware

Distinguished Speakers Committee

Natalie Bress ’22, Co-chair
Shannon Dolan ’22
Daniel Haller ’22
Megan Pryor ’22, Co-chair
Ethan Scheper ’22
With the support of a Park Enrichment Grant I received this spring, I was able to participate in a virtual beekeeping course organized by the Orange County Beekeepers’ Association as well as purchase all necessary supplies to start my own beehive. I recently passed the Certification Program’s written exam, and later this fall, once I have more hands-on experience keeping my hive, I will complete the practical exam — the last step to becoming a North Carolina Certified Beekeeper!

— Grace Baucom ’22
PARK ENRICHMENT GRANTS

Park Enrichment Grants provide financial support for professional and personal enrichment experiences designed to foster the development of scholarship, leadership, service, and character. These grants are funded by the Park Foundation and other donor gifts, and awarded by a committee of faculty members and a Park Alumni Society representative. The following grants were awarded between Nov. 1, 2020 and May 25, 2021.

**Artistic/Creative**

<table>
<thead>
<tr>
<th>Name</th>
<th>Experience Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ramki Annachi ’24</td>
<td>Flight lessons for private pilot certificate</td>
</tr>
<tr>
<td>Maddy Hannan ’24</td>
<td>CrossFit level 2 certification course</td>
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**Conference**

<table>
<thead>
<tr>
<th>Name</th>
<th>Experience Description</th>
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<tbody>
<tr>
<td>Zack Jenio ’22</td>
<td>Spring Yallah Al-Quds Assessment of Performance Toward Proficiency in Languages proficiency training workshop</td>
</tr>
<tr>
<td>Ritika Shamdasani ’23</td>
<td>Draper University Hero Training</td>
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**Research/Scholarly**

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<thead>
<tr>
<th>Name</th>
<th>Experience Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sami Atassi ’24</td>
<td>Nursing assistant I hybrid program</td>
</tr>
<tr>
<td>Grace Baucom ’22</td>
<td>Beekeeping certification course and supplies</td>
</tr>
<tr>
<td>Megan Cislo ’23</td>
<td>Inhalation of LSC-Exosomes To Treat Rodent Models of COPD</td>
</tr>
<tr>
<td>Christiana Daniel ’23</td>
<td>Phlebotomy technician certification through phlebotomy career training</td>
</tr>
<tr>
<td>Ariana Frazier ’23</td>
<td>Clinical medical assistant certification course</td>
</tr>
<tr>
<td>Daniel Haller ’22</td>
<td>Summer research at UT Austin: mRNA Modifications in Lung Cells due to Air Pollutant Exposure</td>
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<tr>
<td>Elliott Gyll ’24</td>
<td>German language proficiency: intermediate level to advanced</td>
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<table>
<thead>
<tr>
<th>Name</th>
<th>Experience Description</th>
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<tbody>
<tr>
<td>Zack Jenio ’22</td>
<td>Qasid Arabic Institute: medical interpreter training (spring)</td>
</tr>
<tr>
<td>Zack Jenio ’22</td>
<td>Qasid Arabic Institute: medical interpreter training (summer)</td>
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<tr>
<td>Zack Jenio ’22</td>
<td>Peptide library expansion project</td>
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<tr>
<td>Zack Jenio ’22</td>
<td>Real Balance professional wellness and health coach certification</td>
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<tr>
<td>Emie Kiser ’24</td>
<td>Spanish-English medical interpreter training</td>
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<tr>
<td>Bill Lamm ’24</td>
<td>Summer entrepreneurial venture for self-learning</td>
</tr>
<tr>
<td>Karlyn Matheson ’24</td>
<td>Certified nursing assistant class</td>
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<tr>
<td>Keya Pothireddy ’23</td>
<td>Stock market and investing classes</td>
</tr>
<tr>
<td>Trenton Wallis ’22</td>
<td>Master’s degree specialization: machine learning</td>
</tr>
<tr>
<td>Annie Kate Watson ’23</td>
<td>Engineering World Health Virtual Winter Institute</td>
</tr>
<tr>
<td>Bryan Wilson ’24</td>
<td>Lean Six Sigma yellow belt certification</td>
</tr>
<tr>
<td>Noah Wolfe ’22, Shannon Pinnell ’22, and Andrew Daddone ’22</td>
<td>Ultra-High Resolution Outdoor Air Quality Monitoring on NC State’s Campus</td>
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**Internship**

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<tr>
<th>Name</th>
<th>Experience Description</th>
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<tbody>
<tr>
<td>Becca Chemmanam ’24</td>
<td>Internship with the office of Congressman David Rouzer</td>
</tr>
<tr>
<td>Meredith Gaskill ’24</td>
<td>Summer internship with ASHLEYLauren</td>
</tr>
<tr>
<td>Abby Hodges ’22</td>
<td>Medical director intern at Urban Ministries of Wake County</td>
</tr>
<tr>
<td>Zach VanHekken ’23</td>
<td>North Carolina Teaching Fellows internship</td>
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**Service**

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<tr>
<th>Name</th>
<th>Experience Description</th>
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<tbody>
<tr>
<td>Loujain Al Samara ’22</td>
<td>Mission of Mercy pop-up dental clinic</td>
</tr>
<tr>
<td>Katelyn McInerney ’23 and Nadia Sheppard ’22</td>
<td>Civic Engagement Initiative: Kerr Tar Food Council</td>
</tr>
<tr>
<td>Alina Creamer ’20 and Hayley Harwood ’22</td>
<td>Civic Engagement Initiative: H.O.S.T. advertisements</td>
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**Study Abroad**

<table>
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<tr>
<th>Name</th>
<th>Experience Description</th>
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<tbody>
<tr>
<td>Michael Ankner ’23</td>
<td>Italy: Engineering in Roman Times</td>
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</tbody>
</table>
Leadership

321 COFFEE

The idea for 321 Coffee emerged during a conversation among Park Scholarships freshmen: Build a business that promotes inclusion in the workplace and is staffed by adults with intellectual and developmental disabilities. Since fall 2017, 321 Coffee has grown from a pop-up to a popular full-scale coffee shop at the State Farmers Market, and plans are brewing to expand to multiple locations. The organization — led by Liam Dao ’22, Michael Evans ’21, and Lindsay Wrege ’21 — provides meaningful employment to more than 20 adults with intellectual and developmental disabilities.

“Park Scholarships has been able to provide a community of entrepreneurs to us, and what we’ve been able to leverage has been substantial. Having people we can rely on — who you know will respond if you email them, who are willing to share their experiences — has been instrumental to us as first-time founders.”

— Lindsay Wrege ’21
Embracing scholarship, leadership, service, and character, the Park Scholarships Class of 2021 has committed to raising $21,000 over the next five years to benefit the NC State Employee Dependent’s Tuition Scholarship. This endowment was created in 2015 by Chancellor Randy Woodson and his wife, Susan, to provide a $2,000 annual scholarship to the dependents of full-time employees at NC State. The university aims to build the endowment to $30 million to enable support of all employee dependents in perpetuity.

Each Park Scholar has selected an employee to honor with their gift. Academic advisors, dining staff, and professors are among the many university employees recognized by members of the Class of 2021 for having a significant impact on their NC State experience.

The Class of 2021 hopes that by committing to support this endowment, they will inspire others to follow their lead. Read each student’s dedication at park.ncsu.edu/2021-legacy.edu/2021-legacy.

### Class Legacy Committee

- Catherine Ault ’21
- Michael Evans ’21, Chair
- David Flowers ’21
- Benjamin Gray ’21
- Mackenzie Lamb ’21
- Odai Mansour ’21
- Ethan Strubinger ’21

Because of Billy Flowers’ support and friendship, I am now pursuing my dream of becoming a veterinarian. Thank you for all you have done for me and the students of NC State, Dr. Flowers!

— Claire Ludwig ’21

We all have experienced the immense value of an education from NC State and were fortunate enough to receive funding to come to school. As a class, we want to be part of an effort that grants the families of those that make NC State special the same opportunity.

— Catherine Ault ’21

Kanton Reynolds always makes time to advocate and care for his students. Even when my path changed, he was nothing but supportive and helped me figure out next steps. My time at NC State would not have been what it was without Dr. Reynolds as a mentor, and I’m endlessly appreciative for the time and energy he has put in to help me become who I am today.

— Georgia Burgess ’21

Because of Billy Flowers’ support and friendship, I am now pursuing my dream of becoming a veterinarian. Thank you for all you have done for me and the students of NC State, Dr. Flowers!

— Claire Ludwig ’21

Angelitha Daniel works tirelessly to support minority engineering students by finding tutoring, making industry connections, and running a mentorship program, among countless other things. It’s an honor to give this donation in her name.

— Elizabeth Dogbe ’21
Leadership Academy is a comprehensive four-year program designed to develop Park Scholars’ leadership potential. The academy addresses a variety of topics relevant to leadership, ranging from self-awareness and implicit bias to public speaking and collaboration when experiencing conflict. Leadership Academy explores theories and methods from a practical standpoint, helping Park Scholars gain a deeper understanding of their own leadership style and benefit from that insight immediately.

Every year, Park Scholarships staff collaborate with a team of NC State colleagues and Park Scholars to adjust and improve Leadership Academy. This year, the first three diversity sessions taken by the freshman class were merged into one longer session that adhered directly to the National Coalition Building Institute curriculum. Another enhancement to the freshman curriculum was a three-part series of sessions developed in partnership with the Racial Equity Institute (REI). REI’s Groundwater workshop, followed by a personal reflection and group discussion, was required for freshmen and offered to all Park Scholars, as well as alumni and members of the Selection Committee.

**Year 1**
- Counseling for Support and Success
- Self-Awareness
- Email Extinguisher
- National Coalition Building Institute Session
- REI Groundwater Workshop and Discussion
- Privilege
- Emerging Topics: Mental Illness and Ableism, Political and Ideological Diversity, The Role of Media in Diversity, Socioeconomic Status

**Year 2**
- Implicit Bias
- Team Development
- Task Mastery
- Conflict Resolution
- Public Speaking
- Building Your Fan Base

**Year 3**
- Concepts and Models; Leadership Coaches
- Having Difficult Conversations
- Taking Risks and Failing Well
- Leadership Interview
- Motivating Others

**Year 4**
- Ethics and Values
- Collaboration Within Conflict
- Leadership and Diversity

Despite the challenges of this year, I have been incredibly lucky and grateful to simultaneously pursue both the astrophysics research and environmental justice work that I am passionate about. Through Park activities like the Leadership Academy, I have learned how to be flexible in stressful scenarios, which has been especially important while juggling very different projects.

— Noah Wolfe ’22

Taking the time to see how we can be proponents of change through our professional and service activities provided some clarity about uprooting systemic racism. Being educated and aware of pressing issues facilitates impactful conversation that leads to change.

— Kiran Soma ’24

I grew as a person and have become a better leader due to the topics we discussed during Leadership Academy.

— Rachel Beall ’23
Learning Lab I, an annual experience designed and implemented by Park Scholars, affords students insight into leadership through the lens of a challenge currently facing North Carolina.

The Class of 2023 chose housing inequality and gentrification as the subject of their Learning Lab I. In spring 2020, the Class of 2023’s planned Learning Lab I experience in Durham and Goldsboro, North Carolina, was postponed because of the pandemic. In March 2021, the students redesigned their experience for an online format and broadened their geographic focus.

Class of 2023 Learning Lab I Speakers

Bill Ahern, CEO, Habitat Wake County
Corey Branch, District C Council Member, Raleigh City Council
Allison DeMarco, Adjunct Faculty, School of Social Work, UNC-Chapel Hill; Research Fellow, N.C. Poverty Research Fund
Michael Dineen, Executive Director, Lenoir Housing Authority
Fred Dodson, Executive Vice President of Real Estate and COO, DreamKey Partners (formerly the Charlotte-Mecklenburg Housing Partnership)
Dr. Jacob Feigal, Medical Instructor, Department of Psychiatry and Behavioral Sciences, Duke University School of Medicine
Anthony Goodson Jr., CEO, Housing Authority of the City of Goldsboro
Mary Haskett, Professor, Department of Psychology, NC State; Co-chair, NC State Student Food and Housing Security Steering Committee
Jillian Johnson, Durham Mayor Pro Tempore
Dr. Jim Lefler, Primary Care Psychiatrist
John Luckett, President and CEO, Raleigh Rescue Mission
Barbara Melvin, Executive Director, North Carolina Indian Housing Authority
David Price, U.S. Representative, 4th Congressional District of North Carolina

Class of 2024 Learning Lab I Speakers

Dr. Katie Borders ’04, Physician and Site-Based Medical Director, Shelby Women’s Care
Dr. Mandy Cohen, Secretary, North Carolina Department of Health and Human Services
Sam Dotson, Warden, Lincoln Correctional Center
Dale Folwell, State Treasurer of North Carolina
Dr. Jeb Fox ’14, Family Medicine Resident, Mountain Area Health Education Center
Dr. Jonathan Kotch, President, Health Care for All NC
Dr. Sonya Patel-Nguyen ’09, Medical Instructor, Department of Medicine and Department of Pediatrics, Duke University School of Medicine
Dr. Marilyn Pearson, Public Health Director, Johnston County
Dr. Drew Rothenberg ’12, Postdoctoral Clinical Associate, University of Miami Miller School of Medicine Mailman Center for Child Development; Research Scientist, Duke University Center for Child and Family Policy
Stacie Saunders, Public Health Director, Buncombe County
Josh Stein, North Carolina Attorney General
Quintana Stewart, Public Health Director, Orange County

Class of 2024 Learning Lab I Committee

Emma Grace Barnes ’24
Meera Butalia ’24
Sahib Chandi ’24
Maddy Hannan ’24
Addison Hughes ’24, Co-chair
Anagha Jandhyala ’24
Beijul Shah ’24
Sam Wallace ’24, Co-chair
SCIVIR

Founded by Noah Wolfe ‘22 and Shannon Pinnell ‘22, Scivir is a nonprofit organization that advances environmental justice through the creation of innovative, inexpensive technologies. By closing gaps in air quality data, particularly in rural and underserved communities, Scivir aims to ensure everyone has clean air regardless of socioeconomic status.

“Our mission is to create new accessible technologies that accelerate environmental justice by creating equal access to the tools and products of scientific discovery. This summer we will deploy a test network of about 45 particulate matter monitors to ensure the technology we are putting into the hands of communities is robust.”

— Shannon Pinnell ‘22
The 17th annual Krispy Kreme Challenge, held virtually Feb. 6-13, 2021, included nearly 900 participants. Runners across the country received a T-shirt and a voucher for a dozen doughnuts, valid at Krispy Kreme locations throughout the United States. The virtual race raised $43,000 for UNC Children’s Hospital, which opened the NC State Park Scholars Children’s Specialty Care Program last year. This brought the race’s cumulative donation to more than $1.9 million, inching closer to the $2 million commitment to UNC Children’s. Krispy Kreme Challenge 2021 race directors Tatum Kellum ’22, Amber Doyle, Taylor Flach, and Alex Grisham led a team of approximately 31 student organizers in coordinating the race.

Service Raleigh was especially wonderful this year because it was a rare opportunity to see members of my Park class in person. We were able to safely serve together and catch up after spending so much time apart.

— Shannon Carney ’23

It is more important now than ever that we offer UNC Children’s financial support so they can continue to serve the children and families of North Carolina. The virtual race format allows more people to participate! We have runners from all over the country and from many other universities.

— Tatum Kellum ’22

Service Raleigh, launched in 1998, is a single-day event that employs more volunteers than any other student-coordinated service project in the Triangle.

On April 17, Service Raleigh continued for the 23rd year as approximately 400 volunteers from NC State and the surrounding community completed service projects around Raleigh and beyond. After its cancellation last year amid the early days of the pandemic, students worked hard to restart the tradition and provide safe virtual and in-person opportunities to serve the community. Nikhil Milind ’21, Shaily Shah ’22, and Sarah Hartsell ’22 co-chaired the event with Goodnight Scholars Lucas Embry and Bhairavy Puviiandran, and with assistance from a committee of approximately 30 Park Scholars, Goodnight Scholars, and other NC State students. Through 46 service projects, volunteers aided local partner organizations including Wake Up and Read, AnimalKind, Inter-Faith Food Shuttle, and Boys and Girls Club of Wake County.
CIVIC ENGAGEMENT INITIATIVES

Civic Engagement Initiatives (CEIs) introduce Park Scholars to community needs and how organizations address those needs to create beneficial change. Park Scholars build skills by working in small groups to implement solutions to community challenges. Students also participate in reflection sessions led by junior and senior Park Scholar facilitators.

The Park Scholars Service Advisory Committee received 26 CEI project proposals for 2020-2021 from community sponsors and Park Scholars. A virtual fair in August launched the CEIs and gave students a chance to meet project sponsors. Scholars completed their CEIs this spring.

321 Coffee
Daniel Hutchinson-Kausch ‘23, Siddharth Samal ‘23, and Abigail Wucherer ‘23 developed a market research strategy with a compilation of target audiences and leads to allow 321 Coffee to increase sales of their new product, roasted coffee beans, thus creating additional employment opportunities for individuals with different abilities.

The Blood Connection
Autumn Boyce ‘23 and Megan Cislo ‘23 worked with The Blood Connection to schedule multiple blood drives, create sickle cell disease awareness graphics, and design an on-campus blood drive scheduling survey.

Community Food Strategies
Katelyn McInerney ‘23 and Nadia Sheppard ‘22 worked with Community Food Strategies to support the newly formed Kerr-Tar Food Council by creating community food snapshots, compiling information about existing food councils, and designing an infographic and poster to be distributed (with support from a Park Enrichment Grant) in the Kerr-Tar community.

Diaper Bank of North Carolina
Carina Becker ‘23, Anna Gessner ‘23, and Ritika Shamdasani ‘23 aided the Diaper Bank of North Carolina in their preliminary efforts to gather national data and build NCSTOMP, a statewide coalition advocating for menstrual equity in North Carolina.

Durham Public Schools Hub Farm: Construction Projects
William McPhaul ‘23 and Nicolas Muecke ‘23 constructed wooden informational signs to showcase land history and a new chicken run to enrich the outdoor learning environment of the Durham Public Schools Hub Farm.

Durham Public Schools Hub Farm: Interpretative Signage and Outreach Material
Sarah Jarrell ‘23 and Michael Ankner ‘23 worked on learning and understanding the land history of the Hub Farm by conducting interviews and writing information for signage, and designing the signs. Daniel Friday ‘23 created outreach materials for the Hub Farm to use at community events and to display on the Farm, such as a table topper, a vertical banner, and a land history flyer.
During my Civic Engagement Initiative, I learned about the importance of developing skills outside my own discipline. I normally do not get the opportunity to participate in projects like the CEI, so I thought to take a leap and choose something outside my comfort zone.

— Siddharth Samal ’23

InterAct
Hannah Braun ’23, Shannon Carney ’23, and Bella Condo ’23 added icebreakers to InterAct’s virtual kids group curriculum and designed monthly crafts for children in the agency’s shelter.

Junior Achievement of Eastern North Carolina
Shriya Bhoothapuri ’23 and Caitlin Harrington ’23 created a distance-learning version of curricula aimed at promoting financial literacy among young students, advancing Junior Achievement’s commitment to provide practical education to students across Eastern North Carolina.

Musical Empowerment
Cat Dean ’23 and Camilla Keil ’23 made promotional materials and planned events to promote teacher recruitment and engagement for Musical Empowerment.

NC State Food and Housing Security
Alina Creamer ’20, Hayley Harwood ’22, and Cortney Ollis ’23 worked with Mary Hasket and the NC State Food and Housing Security Steering Committee to assist in the launch of the Host Home Program, including building forms and documents, working to find an umbrella organization, and creating a student orientation packet.

NC State Social Innovation Fellows
Keya Pothireddy ’23 and her Social Innovation Fellows team created an impact report for All We Are, a nonprofit that builds solar panels in Ugandan villages.

North Carolina Museum of Natural Sciences: Breaking Barriers to Informal Learning
Kelly Koehler ’23 and Irene Nazario ’23 worked to make the North Carolina Museum of Natural Sciences’ programs more accessible to underrepresented populations in science and education, focusing on the Latinx community.

North Carolina Museum of Natural Sciences: Marketing Science at Home
Madison Mueller ’23 and Megan Pryor ’22 worked with the museum to investigate assumptions about effective communications and marketing, interview other organizational representatives across the state on best practices, and present ideas to the museum communications team.

Raleigh Boys and Girls Club: Raleigh Boys Club
Nehemiah MacDonald ’23 and Alvin Mutongi ’23 worked alongside the Raleigh Boys Club to provide mentorship and to expose young Black boys to the wealth of possibilities available to them through STEM education.

Raleigh Boys and Girls Club: Raleigh Girls Club
Christian Daniel ’23, Ariana Frazier ’23, and Daryn Wilkerson ’23 worked with the Raleigh Girls Club to provide young Black girls with representation and mentorship so they can see themselves in higher education and learn about the variety of careers available to them.

Scivir: Data Analysis to Advance Environmental Justice
David Home ’23 and Beckett Stillman ’23 worked with Scivir, a nonprofit with a mission to use technology to advance environmental justice related to air quality, to develop data analysis tools in Python, including a heat map of their air quality monitor signal strength and a machine learning algorithm to correct the bias of their sensors’ readings.

Scivir: Ultra-High Resolution Outdoor Air Quality Monitoring on NC State’s Campus
Shannon Dolan ’22 and Ethan Shumate ’23 worked with Scivir to develop an air quality monitoring study and a website to display the sensor data they collected.

Special Olympics North Carolina
Rachel Beall ’23 and Annie Kate Watson ’23 participated in Special Olympics North Carolina’s 10-week Partner Up Power Up virtual training program, provided feedback, volunteered at events, and planned a virtual social night for the athletes, partners, and coaches.

TEDxNCState
Kelci Cox ’22 and Zach VanHeckken ’23 worked alongside TEDxNCState to enhance the TEDxNCState community through digital connections.

You Can Vote
Natalie Kraft ’22 and Srikar Nanduri ’23 worked with the You Can Vote (YCV) Team to conduct phone and text banks and analyze the data that YCV collected from their online voter registration tool, to give recommendations to the organization on voter targeting and event planning for future years.

Park Scholar CEI Facilitators
Catherine Ault ’21
Elizabeth Beyer ’22
Hannah Cooper ’21
Katelyn Glen ’22
Annalise Hafner ’22
Sarah Hartsell ’22
Emily Ostermann ’22
Anna Owens ’21
Haley Ritchie ’21

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“It was important to me, as someone coming from an under-resourced community, to aid others who also identify as under-resourced in applying to the program that changed my life. Through PURA, we hope to promote diversity and inclusion in the Park Scholarships program by giving assistance to under-resourced and minority applicants during the application process.”

— Sam Dotson ’24
On Aug. 22, the Class of 2021 presented the 22nd annual William C. Friday Award to Bree Newsome Bass. Newsome Bass is an artist, filmmaker, and activist from Charlotte, North Carolina. She joined Park Scholars for a conversation on leadership, confronting racial inequities, and driving change in communities.

Newsome Bass has dedicated her life to improving communities. She gained national recognition in the aftermath of the Charleston church shooting in 2015 for climbing a flagpole to remove the Confederate battle flag flying on the grounds of the South Carolina State House, but that is a small facet of her work. As an anti-racist activist, housing rights advocate, and field organizer, Newsome Bass provides aid to under-resourced communities. She is a founding member of The Tribe, a grassroots collective that focuses on sustainable community organization, and she uses her passion for film and the arts to advance social justice causes.

The William C. Friday Award, named for the former president of the University of North Carolina System, is an honor presented annually by the senior class of Park Scholars on behalf of the entire Park Scholarships program. The award honors individuals who emulate Friday’s dedication to scholarship, leadership, service, and character. The Class of 2021 met with William Roper, interim president of the UNC System, to discuss their nominees for the award.

The Class of 2021 believes that Newsome Bass’s commitment to equity and empowerment, and her multidisciplinary approach to both of these values, make her an outstanding and deserving recipient of the William C. Friday Award.

— Micah Furr ’21
FRESHMAN AND SENIOR RETREATS

Park retreats at the start of the freshman and senior years afford scholars the perspective to reflect on how they have grown and make preparations for the next part of their lives.

Freshman Retreat

The Class of 2024 Freshman Retreat was held Aug. 3-5. Students joined us on campus and virtually from across the country to participate in exciting team-building activities. The scholars became acquainted with one another, their Park Scholar facilitators, faculty, and staff through a series of socially distanced outdoor activities and online sessions. Park Faculty Scholars Russell Gorga and Suzie Goodell integrated a reading of Bryan Stevenson’s *Just Mercy* to inform discussions during the retreat and the students’ yearlong seminar.

Class of 2024 Freshman Retreat Facilitators

Catherine Ault ’21
Georgia Burgess ’21
Elizabeth Dogbe ’21
Michael Evans ’21
Annalise Hafner ’22

Annie Haunton ’22
Zack Jenio ’22
Nikhil Milind ’21
Taylor White ’21
Lindsay Wrege ’21

Senior Retreat

The Class of 2021 participated in a remote Senior Retreat Sept. 4-6. Members of the retreat planning committee led their peers through online discussions and activities designed to address the past, present, and future. Seniors strengthened their bonds with one another and their Park Faculty Scholars, and they connected with alumni participants Oliver Brooks ’07, Mallory Deeter ’17, Caroline Ellington ’13, Zach Fitzgerald ’16, Mary Charles Hale ’13, Roberta Hansman ’02, Michelle Phillips Smith ’14, Remy Roque ’06, Alton Russell ’14, and Jack Tucker ’20.

Class of 2021 Senior Retreat Facilitators

Natalie Collier ’21
Hannah Cooper ’21
Salam Ibrahim ’21
Mackenzie Lamb ’21
Nikhil Milind ’21
Nick Wirtz ’21

Even though Senior Retreat was virtual this year, it was great taking the weekend to reconnect with different members of the Class of 2021. I really enjoyed getting to hear my classmates reflect on the trying moments, successes, and highlights of the past four years. I am so grateful to have shared this amazing journey with such a great group of people.

— Michael Evans ’21

Freshman Retreat was a welcome like no other. I immediately found a new community of people, who I have grown to champion and cherish.

— Sahib Chandi ’24
The Park Scholarships program’s third biennial leadership and networking symposium was reimagined from an in-person weekend event to a weeklong opportunity to think big, discuss relevant issues, and celebrate 25 years of Park Scholars’ accomplishments.

Because the event took place online, members of the Park community around the world were able to join sessions on topics including service in 2021, the Park pillars across life stages, and promoting diversity, equity, and inclusion.

Joy Johnson ’07, senior hardware R&D engineer and technology lead at Apple, kicked off the event with keynote remarks on the importance of character. Panelists weighed in on environmental justice, education, health care, student startups, and CEO leadership. Through a partnership with TEDxNCState, four talks given by Park Scholars and alumni premiered as part of sPark. Interactive sessions included a guided practice for protecting mental health and a fun series of movements dubbed “brain teasers for the body.” Networking and social sessions allowed participants to engage with our extraordinary community of changemakers. With more than 240 registered attendees and 35 presenters, this event exemplified the pillars of scholarship, leadership, service, and character.

**sPark Presenters**

Theresa Amerson ’01
Jennifer Biggs ’11
Kimberly Bloomfield ’02
Ricky Bloomfield ’02
Margaret Borden ’15
DeShawn Brown
Matthew Campbell ’05
Brendan Corbett ’11
Kelly Cox ’13
Liam Dao ’22
Mallory Deeter ’17
Shannon Dolan ’22
Dane Emmerling ’08
Candice Epps Jackson ’08
Michael Evans ’21
Eva Feucht ’02
Lauren Frey ’17
Chasta Hamilton ’07
Chris Hayes ’16
Joy Johnson ’07
Spencer Johnson ’09
Tatum Kellum ’22
Alex Kim ’17
Kylie King ’08
Deborah Kull ’03
Meredith Mason Street ’17
Nikhil Milind ’21
Sonya Vipul Patel-Nguyen ’09
Shannon Pinnell ’22
Drew Rothenberg ’12
Jacob Rutz ’14
Ritika Shamdasani ’23
Matt Traenkte ’21
Noah Wolfe ’22
Lindsay Wrege ’21

**sPark Planning Committee**

Anna-Claire Bousquet ’18
Matt Burke
Lauren Caddick ’14
Khari Cyrus ’16
Mallory Deeter ’17, Chair-elect
Dana Dubis
Eva Feucht ’02
Bob Grossfeld
Chasta Hamilton ’07, Chair
Natalie Kraft ’22
Alex Loflin ’17
Carmine Prioli
Lori Ritter
Sam Slater ’07

**SAVE THE DATE**

sPark will return in April 2023

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Park Scholars are intellectually curious students who think critically and seek learning experiences outside the classroom. They listen well, lead by example, take risks, and champion original ideas. Park Scholars dedicate themselves to making a positive difference in their communities while demonstrating integrity, honesty, and conscientiousness.

The Park Scholars in the Classes of 2021, 2022, 2023, and 2024 come from three countries, 24 states, and 34 counties in North Carolina. Their academic interests run the gamut. Several Park Scholars finished their undergraduate degrees in less than four years and have applied their Park Scholarship to fund graduate studies at NC State.

<table>
<thead>
<tr>
<th>Undergraduate Majors by College</th>
<th>CLASS OF 2021</th>
<th>CLASS OF 2022</th>
</tr>
</thead>
<tbody>
<tr>
<td>Agriculture and Life Sciences</td>
<td>24</td>
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<tr>
<td>Design</td>
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<td>Sciences</td>
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<td></td>
</tr>
<tr>
<td>Textiles</td>
<td>4</td>
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</tbody>
</table>

Some Park Scholars have more than one major.
CLASS OF 2023

Scholars by North Carolina County

Scholars also hail from Germany and Turkey.

CLASS OF 2024

Scholars by U.S. State
Catherine Ault  
*B.S. Chemical Engineering, Minor: Business Administration*  
*Laurel, Maryland*  
Catherine served for two years as the Chief Financial Officer for the Krispy Kreme Challenge. Additionally, she served as a liaison for her Park class for all four years, was a member of the 321 Coffee student organization, and served as an ambassador for the Department of Chemical Engineering. She studied in Prague, Czech Republic, and interned with Kymanox and Burt’s Bees. After graduation, Catherine will join Clarkston Consulting in Durham, North Carolina.

Jessica Autry  
*B.S. Animal Science, Concentration: Industry, Minor: Agricultural Business Management*  
*Benson, North Carolina*  
Jessica was actively involved in the Animal Science Club during her undergraduate studies. She volunteered at the CORRAL Riding Academy, a nonprofit organization in Cary, North Carolina, and spent a semester on the NC State Equestrian Dressage Team while assisting with an equine exercise physiology study. She completed internships with Chestnut Ridge Camp and Retreat Center and NC State Extension. During graduate school, Jessica completed a second internship with NC State Extension and worked for Congressman David Rouzer of North Carolina's 7th District.

Elijah Bouma-Sims  
*B.S. Computer Engineering; B.A. History*  
*Homewood, Alabama*  
Elijah served as a trombone rank leader in the Power Sound of the South marching band and also played in NC State’s Varsity Pep Band. He did research in computer security and helped to write a paper on robocalls that received a best paper award and a Facebook Internet Defense Prize in 2020. He studied abroad in London, and as a member of NC State’s history honors program, completed a thesis on the development of formal publications in computing. After graduation, he plans to pursue a doctorate in computer science with a concentration in human-centered security.

Mallory Bryan  
*B.S. Biomedical Engineering, Minor: Health, Medicine, and Human Values*  
*Warrenton, Virginia*  
Mallory co-founded the Global Health Cooperative at NC State, and she led the organization as the executive director for two years. She served as an intern at Alliance Medical Ministry, participated in a medical brigade in rural Ecuador, contributed to a joint research project between NC State’s Student Health Services and the Department of Sociology, and studied abroad in Prague, Czech Republic. After graduation, Mallory plans to spend a year in the Fellows Initiative before returning to graduate school for a Master of Public Health, with the ultimate goal of pursuing a career in global public health.

Georgia Burgess  
*B.S. Industrial and Systems Engineering, Minor: Spanish*  
*Winston-Salem, North Carolina*  
Georgia served as committee member, sponsorship department head, and director of logistics and sponsorship for the Krispy Kreme Challenge. She was an ambassador for the Edward P. Fitts Department of Industrial and Systems Engineering, and she worked with the ISE department and NC State Student Health Services to establish and open the campus COVID-19 vaccination clinic. Outside school, she was a volunteer with the Ulman Foundation’s Cancer to 5K program, and she was a member of the Ulman Foundation’s 2018 4K for Cancer Team NewYork. She also served as a bilingual intern with Urban Ministries of Wake County’s Access to Care department. After graduation, Georgia plans to take a gap year and then pursue a career in medicine.
Natalie Chazal
*B.S. Animal Science and Zoology, Minor: Statistics*
*Morehead City, North Carolina*
Natalie served as the service chair for the Council of Sciences as well as the safety officer for the NC State Dressage Team. She researched spatial characteristics of the world’s largest black-browed Albatross colony with the Marine Robotics and Remote Sensing Lab at Duke University. She also helped create a shellfish closure database with the Biosystem Analytics Lab, and she worked with the Spatial Ecosystem Analytics Lab to study the spatial characteristics that put Malaysian forests and Peruvian Amazonia at higher risk of deforestation. She plans to pursue a master’s degree in biological and agricultural systems analysis at NC State to advance toward her goal of becoming a quantitative ecologist.

Hannah Cooper
*B.S. Marine Science and Zoology, Minor: Applied Ecology*
*Newark, Delaware*
Hannah served as a founding member of 321 Coffee, a nonprofit organization employing individuals with intellectual and developmental disabilities. Hannah was awarded the Ernest F. Hollings Undergraduate Scholarship, which included an internship at NOAA’s Deep Sea Coral Technology Program, where she mapped deep-sea corals and sponges. Hannah was involved in several research projects, including measuring water quality in the Delaware River, determining the impact of ocean acidification on the behavior of juvenile clownfish, and modeling the impact of animal behavior on disease transmission. After graduation, Hannah plans to work in marine conservation and pursue a graduate degree in marine ecology.

Elizabeth Dogbe
*B.S. Civil Engineering*
*Knightdale, North Carolina*
Elizabeth served as the secretary of the Women’s Transportation Seminar, a Mental Health Ambassador, and a Co-op Program Ambassador. She also volunteered as a mentor for the WMEP START Program. She completed a co-op in Raleigh at Kimley-Horn and Associates. After graduation, she plans to pursue a career in transportation engineering, with a focus on transit planning and signal design.

Michael Evans
*M.R. Statistics; B.S. Statistics, Minor: Economics*
*Downingtown, Pennsylvania*
Michael co-founded and served as CFO of 321 Coffee, a coffee shop and roaster staffed by individuals with intellectual and developmental disabilities. A member of Phi Beta Kappa, he worked with the NC State baseball team as an analyst and was part of the accelerated bachelor’s/master’s program in statistics. Michael traveled to Prague for a study-abroad program. After graduation, Michael plans to work at his company, 321 Coffee, full time.
David Flowers
B.A. Design Studies; B.S. Business Management, Concentration: Finance
Raleigh, North Carolina
David served as the head of finance and instrument lending for Musical Empowerment, was active in Summit College, and completed an Ironman triathlon during his time at NC State. He studied in Australia and interned with SAS for two summers. After graduation, David plans to pursue a career in user experience design.

Micah Furr
B.S. Biological Sciences, Concentration: Human Biology, Minor: Anthropology
Rockwell, North Carolina
Micah served as the scribe and fundraising chair for Alpha Zeta Honors Agricultural Fraternity and was recognized with the Commissioner of Agriculture award, as well as winning National Scribe of the Year for the organization. She also led the Park Scholarships Adopt-A-Highway program on Trinity Road for three years and was a teaching assistant in the Department of Biochemistry. Her research on preventing anterior cruciate ligament tears in athletes, during an internship with the Michael W. Krzyzewski Human Performance Laboratory at the Duke Sports Sciences Institute, was one of her most memorable experiences in her undergraduate career.

Benjamin Gray
B.S. Computer Science and Chemical Engineering
Raleigh, North Carolina
Ben served as a medical interpreter, member of the Student Conduct Board, and EMT intake volunteer. He worked as a teaching assistant in the Department of Biochemistry and completed internships in analytics, software engineering, and health informatics. After graduation, Ben plans to pursue a career in medicine after attending UNC-Chapel Hill School of Medicine.

Salam Ibrahim
B.S. Industrial Engineering
Raleigh, North Carolina
Salam was an active member of the Society of Women Engineers. She served as an Alternative Service Break trip leader and as the service chair for the Muslim Student Association. Salam studied abroad in Iceland and interned with Cree Lighting and Duke Health. After graduation, Salam will join Duke Health Performance Services as a management engineer.

Mackenzie Lamb
B.A. International Studies and German, Minor: Religious Studies
Cary, North Carolina
Mackenzie served as a College of Humanities and Social Sciences ambassador, was inducted into Phi Beta Kappa, and received the Julia Wood Skinner Award for German Studies. She worked as an AmeriCorps VISTA Summer Associate with Wake County Human Services and interned at RTI International and NC State’s Global Training Initiative. Mackenzie spent a semester abroad at the University of Freiburg in Germany and participated in an Alternative Service Break in Hoonah, Alaska. After graduation, she plans to pursue a career in international relations.
Claire Ludwig
B.S. Animal Science; DVM Veterinary Medicine
Linn, Missouri
Claire served as a shelter medicine intern at the Wake County Animal Center, a Krispy Kreme Challenge committee member, a Service Raleigh site leader, and a team captain for NC State’s Dance Marathon. She was a member of Delta Gamma sorority, University Scholars, and the College of Agriculture and Life Sciences Honors Program. She also studied abroad in South Africa. Claire graduated after five semesters and is a rising second-year student at NC State’s College of Veterinary Medicine.

Carley-Martin MacFarlane
B.S. Zoology, Minor: Entomology
Beulaville, North Carolina
Carley-Martin served as the treasurer, vice president, and president of the Herpetology Club. During her time at NC State, she also completed an internship at the Reptile Discovery Center and Venom Laboratory in DeLand, Florida. Since graduation, Carley-Martin has been working as a veterinary technician and continuing educational reptile outreach programs. She plans to pursue a doctorate in herpetology or paleoherpetology.

Odai Mansour
B.S. Biological Sciences, Concentration: Human Biology; B.S. Interdisciplinary Studies, Concentration: Ethical and Scientific Dimensions of Global Health, Minor: Health, Medicine, and Human Values
Raleigh, North Carolina
Odai served as an executive member of the Global Health Cooperative and was recognized with the Community Impact Student Award in 2019. A member of Phi Beta Kappa, he performed research in an epidemiology and environmental epigenetics lab and worked as a teaching assistant for organic chemistry and biochemistry courses. After multiple internships at the Urban Ministries Open Door Clinic, Odai hopes to apply to medical school following graduation.

Nikhil Milind
B.S. Computer Science and Genetics, Minor: Mathematics
Raleigh, North Carolina
Nikhil served as the co-head and co-chair of the Service Raleigh Web Committee. He was a member of the Student Conduct Board, Musical Empowerment, Raleigh Civic Symphony, and Raleigh Civic Chamber Orchestra. He conducted research in the Aylor Lab at NC State and the Carter Lab at the Jackson Laboratory. He received the Goldwater Scholarship and was inducted into the Phi Beta Kappa chapter at NC State. After graduation, Nikhil will go to the University of Cambridge as a Churchill Scholar for a master’s program before pursuing a Ph.D. in genetics at Stanford University.

Jenna Nabors
B.A. Communication, Concentration: Media, Minors: Journalism and International Studies
Fayetteville, North Carolina
Jenna was a member of the University Scholars Program and led campus tours as a University Ambassador. She studied abroad in Stellenbosch, South Africa, taught English in Romania, and completed internships at the Charlotte Ballet, Spectrum News 1, and NC State’s Office for Institutional Equity and Diversity. After graduation, Jenna will pursue a master’s degree in mass communication at Arizona State University.
Anna Owens
B.S. Computer Science, Minor: Spanish
Nashville, Tennessee
Anna Owens served as the president of Women in Computer Science and as a Department of Computer Science ambassador. She participated in women’s club basketball and the Country Music Association and worked in undergraduate and graduate research. Anna completed two software engineering internships at Microsoft, a cybersecurity internship at Royal Caribbean, and a summer study abroad in Valencia, Spain. After graduation, Anna will earn her master’s in computer science at NC State with a concentration in cybersecurity before joining Microsoft as a software engineer in Seattle, Washington.

Steven Rehard
B.S. Industrial and Systems Engineering
Woodbridge, Virginia
Steven served as vice president of risk management for the Eta Rho chapter of Beta Theta Pi. He studied abroad in Florence, Italy, conducted research in powder metallurgy at the Center for Additive Manufacturing and Logistics at NC State, and interned as a process improvement engineer at Peter Millar. After graduation, Steven plans to join Baseline Controls in Raleigh as a project controls engineer.

Haley Ritchie
B.S. Biomedical Engineering, Minor: Health, Medicine, and Human Values
Charlotte, North Carolina
Haley volunteered weekly with the Daniel Center for Math and Science and served as a co-chair for the Class of 2021’s Learning Lab II trip. She interned with Cook Medical as a post-market engineering intern and with EmitBio as an engineering intern. After graduation, Haley will join Abbott as apart of their regulatory affairs development program to help accelerate regulatory outcomes.

Elise Romola
B.A. Communication, Concentration: Public Relations; B.S. Business Administration, Concentration: Marketing, Minor: English
Ashburn, Virginia
Elise served as a Krispy Kreme Challenge race director, Triangle Youth Leadership Services logistics director, 321 Coffee co-founder, university ambassador, Poole College of Management student ambassador, and the Poole College of Management Dean Nomination Committee undergraduate representative. A member of Kappa Kappa Gamma sorority, Elise was the alumni liaison, Circle of Sisterhood chapter delegate, and vice president for standards, and she received the Panhellenic Outstanding Women’s Award for Community Service.

Lauren Spell
B.S. Biomedical Engineering, Concentration: Pharmacoengineering, Regenerative Medicine, Minor: Psychology
Willow Spring, North Carolina
Lauren was a founding undergraduate member of the Greenbaum Laboratory, studying the use of tissue clearing and confocal microscopy to better understand cellular morphogenesis. She was active in Phi Kappa Phi, Kappa Delta sorority, and Service Raleigh, serving on a committee or as a site leader for four consecutive years. She studied abroad in Florence, Italy, and interned with the Careguard Institute. After graduation, Lauren plans to enter life sciences consulting in order to help life-changing advances in medicine enter and succeed in today’s market.
Ethan Strubinger
B.S. Materials Science and Engineering, Concentration: Nanomaterials, Minor: Entrepreneurship
Summerfield, North Carolina
Ethan served as an event director for Science Olympiad’s thermodynamics and density lab events. Travel was important during his time at NC State as he traveled to Dublin, the Dominican Republic, and Guatemala, as well as other destinations within the United States. Ethan performed research in the Dickey Group throughout his undergrad years on liquid metal microfluidics, and he spent a summer in Brazil working on microfluidic detection devices through an NSF IRES grant. After graduation, Ethan will attend NC State to pursue a doctorate in materials science and engineering, focusing on electronic materials and devices.

Matthew Traenkle
B.S. Biomedical Engineering, Minors: Industrial Engineering, Biological Sciences, Economics
Sterling, Virginia
Matthew was involved in the Krispy Kreme Challenge, serving as 2019-2020 race director and 2020-2021 board president. He was also vice president of Consult Your Community, an Engineering Ambassador, co-chair of the Park Philanthropy Council, and an NAE Grand Challenge Scholar. Matthew conducted research on the treatment of idiopathic pulmonary fibrosis as an Abrams Scholar and interned at Accenture, Duke Health, and Urban Ministries. He spent a summer studying at NC State Prague and a semester at Hong Kong Polytechnic University. After graduation, Matthew is looking forward to exploring the Pacific Northwest when he joins Clarkston Consulting in Seattle.

Ana Sofia Uzsoy
B.S. Physics and Computer Science, Minors: Mathematics, Oboe Performance
Cary, North Carolina
Ana Sofia served as president of Women in Physics and as a College of Sciences Ambassador, and she has participated in the NC State Woodwind Quintet and Wind Ensemble. She completed summer internships at NASA and Google, and she performed research in astronomy and computational biophysics. After graduation, she plans to pursue an M.Phil. in machine learning and machine intelligence at the University of Cambridge as a Churchill Scholar before beginning a Ph.D. in astronomy at Harvard.

Amy Ward
B.S. Animal Science, Concentration: Veterinary Bioscience; DVM Veterinary Medicine
Williamston, North Carolina
Amy served as a College of Agriculture and Life Sciences Ambassador and as a medical volunteer for the Wake County SPCA. She volunteered at the NC State Dairy Educational Unit, served as a site leader for Service Raleigh, and worked as a veterinary assistant. Amy received the American Society of Animal Science Scholastic Achievement Award and conducted adrenalectomy research at the veterinary school. Amy is a rising second-year student and Annable Scholarship recipient at NC State’s College of Veterinary Medicine, where she will complete her doctorate of veterinary medicine.

Emma West
B.S. Biological Sciences, Concentration: Human Biology
Fayetteville, North Carolina
Emma completed the University Scholars Program and was active in NC State’s Genetics and Pre-health clubs. She led several medical research projects while at NC State and was published for her work with CRISPR and ACL aplasia. Emma logged over 1,500 patient care hours as an allergy technician and phlebotomist. She also served as the logistics committee head for the Krispy Kreme Challenge and was a teaching assistant for biology courses. Emma will attend Methodist University after graduation to start her master’s in physician assistant studies.
Taylor White
B.S. Molecular and Structural Biochemistry
Millis, Massachusetts
Taylor conducted research projects on metabolic diseases in the Trino Laboratory within the Department of Biochemistry at NC State, as well as the Guertin Laboratory at UMass Memorial Medical Center in Worcester, Massachusetts. She interned as an optometric technician at the Eye Institute, a multipractice eye care clinic, where she served her community by providing quality vision care. She spent a semester studying at Københavns Universitet in Copenhagen, Denmark. Next year, Taylor will be attending the State University of New York College of Optometry.

Nicolas Wirtz
B.S. Electrical Engineering and Computer Engineering, Minor: Business Administration
Oak Ridge, North Carolina
Nicolas served as a committee head and director of operations at 321 Coffee. He interned with Nissan North America for three summers in Farmington Hills, Michigan. He studied abroad in Hong Kong over a fall semester. Nicolas will join Cisco as a technical consulting engineer upon graduation.

Lindsay Wrege
B.S. Business Administration, Concentration: Entrepreneurship
Cary, North Carolina
Lindsay discovered her passion for social entrepreneurship when she co-founded 321 Coffee, a coffee shop built on neurodiversity inclusion. She believes in using business for social good. She studied business administration with a concentration in entrepreneurship. Outside the classroom, she was in Ski Club, cheered on the Wolfpack at football games, and took the opportunity to adventure around the state, country, and world. After graduation, Lindsay will pursue 321 Coffee full time as CEO.

PARK SCHOLARSHIPS CLASS REUNIONS
In celebration of Park Scholarships’ 25th year, the program invited all 21 alumni classes to reconnect during a special series of virtual class reunions. Attendees had the opportunity to share a brief update and catch up with their classmates, Park staff, and Park Faculty Scholars. More than half of all Park alumni joined these calls.
Park alumni continue to excel after leaving NC State. They attend top graduate schools and pursue meaningful careers in the corporate, nonprofit, and public service sectors. They remain engaged with the program by networking with Park Scholars about internship and research opportunities in their fields, providing financial support to the program, and serving as mentors to current students. They help recruit and select new Park Scholars, serve on advisory committees, drive initiatives like the Black Park Collective, and lead the Park Alumni Society.

In August 2020, Margaret Borden ’15 transitioned out of teaching high school math in the classroom and into a graduate research assistantship that allowed her to coach teachers from all disciplines in project-based learning. During the 2020-21 school year, Margaret completed her master’s degree in math education. She will be pursuing her doctorate in math education starting in the fall while continuing to coach math teachers at various schools and taking on a new graduate research assistantship working with project-based learning in the math classroom.

Evan Brooks ’18 was named a recipient of numerous fellowships, including a predoctoral training fellowship from the National Institute of Dental and Craniofacial Research and the Albert J. Ryan Fellowship, the highest honor that can be bestowed upon a graduate student in the University of Cincinnati College of Medicine. As a third-year doctoral candidate in molecular and developmental biology at Cincinnati Children’s Hospital Medical Center, Evan studies the role of primary cilia in craniofacial cartilage development using embryonic chicken and mouse models.

Molly (Tully) Carter ’09 was promoted to director, market and business analysis with her employer, PCC. In the last year she helped found RISE, a forum to connect women across PCC focused on career development and growth.

In April 2021, Wade Colburn ’14 began a new job at Bose Corporation as product line manager. Wade will lead the launch of the first over-the-counter hearing aid as a member of the Bose Health team.

NC State presented Natalie Cooke ’10 and Suzie Goodell (Class of 2024 Park Faculty Scholar) with the 2020-2021 Gertrude Cox Award for Innovative Excellence in Teaching and Learning with Technology. They worked collaboratively with DELTA staffers Mike Cuales, Cathi Dunnagan, and Jessica White to incorporate virtual reality training into a nutrition education service-learning course.

On July 1, 2020, Cameron Cooper ’09 was promoted to the rank of lieutenant commander in the United States Coast Guard. He’s currently stationed in Washington, D.C., where he serves as the chief of the Small Vessel Branch at the Coast Guard Marine Safety Center. He oversees the naval architecture/marine engineering approvals of stability and structural designs of commercial passenger vessels, sailing school ships, and towing vessels. He and his wife, Emily, live in Stafford, Virginia, with their three children and are expecting a new duty assignment in the summer of 2021.

In January 2021, Jess (Hooks) Greenwood ’03 joined Aspira Women’s Health as the senior director of clinical implementation and innovation. In this role, Jess leverages her clinical experience as a genetic counselor to translate the impact of cutting-edge proteogenomics and bioinformatics techniques to clinicians, to address the significant clinical need for early detection of ovarian cancer and other gynecologic diseases. Jess took this position after her own mother’s untimely death of invasive uterine cancer, an experience that left her deeply committed to harnessing the power of genetic and genomic technology to address poorly understood disease states that are underfunded in research.

Ellen Guthrie ’10 and her husband, Derek, recently moved into a new home in west Austin, Texas, and Ellen continues to work from home as a data analytics manager at realtor.com. She has been an active mentor with the American Corporate Partners Veteran Mentoring Program (two years) and Big Brothers Big Sisters of Central Texas (seven years). She enjoys hiking around the trail system in the neighborhood with her tripod chihuahua in a backpack and hopes to finish writing a novel this year.

Kylie King ’08 was recently awarded research fellowships with the Champlain College Center for Community and Social Justice and the Center for the Study of Capitalism at Wake Forest University. Kylie is an assistant professor of analytics and entrepreneurship at Champlain College, where she also directs the college’s Center for Innovation and Entrepreneurship. Kylie received a Ph.D. in measurement and statistics from the University of Maryland in 2017 and lives in upstate New York with her husband, Jason, and sons, Lyle and Kip.

Laila Knio ’17 took a pause during her fourth year of medical school at UNC-Chapel Hill to complete a Master of Science in narrative medicine at Columbia University this fall. As an aspiring adolescent psychiatrist and physician-writer, she is excited to intersect with this type of study just prior to residency — to spend a year exploring narrative and all of the borderlands it helps us traverse. Laila most recently had a story published in *Intima*, a narrative medicine journal.

Frankie (Johnson) Lineberger ’15 is a partner on a small family farm that grows strawberries, blackberries, peaches, and pumpkins. They have a farm store, offer pick-your-own fruit, and educate over 5,000 students per year on experiential field trips to the farm.
Erin Lineberger Hines ’13 completed an M.S. in environmental education from Montreat College in 2016. She now works for Gaston County’s Natural Resource Department as an environmental educator, where she provides professional development for educators and works with thousands of students each year implementing hands-on outdoor programs on their school grounds. She is also currently serving as president of the Board of Directors for the Environmental Educators of North Carolina, a nonprofit professional organization providing statewide training, networking, and advocacy for the field.

Tessa Loazer ’17 received a Hertie Foundation Scholarship to move to Germany to pursue a master’s degree in public policy at the Hertie School of Governance in Berlin. The Hertie Foundation’s mission is to support individuals who are committed to strengthening democracy worldwide.

Starting June 1, 2021, Kristen Miles ’07 joined the Community Practice and Dentistry Service as an assistant professor at The Ohio State University’s College of Veterinary Medicine as part of the new Frank Stanton Spectrum of Care Clinic. The goal of this new program is to graduate veterinarians who embrace their role in providing veterinary care across a broad economic continuum involving the entire spectrum of care, and to ensure these new veterinarians will be competent and confident on their first day of practice. The fourth-year veterinary students are the primary doctors in this clinic, and Dr. Miles and associates will be coaching them. For the past 10 years, Miles has practiced small animal, pocket pet, avian, and zoo medicine. She is thrilled to be a part of this new program and to be able to dedicate her career to teaching full time.

Ryan Patrick O’Quinn ’04 was promoted to partner at Finnegan, Henderson, Farabow, Garrett & Dunner LLP, focusing on U.S. District Court patent litigation, post-grant proceedings, parent prosecution, and portfolio management and counseling.

In July 2020, Rushil Patel ’10 began his hematology/oncology fellowship at the Atrium Health Levine Cancer Institute in Charlotte, North Carolina. He is interested in describing the supportive oncology needs of patients with hematologic disorders. Rushil was selected to be among a national cohort participating in the Integrative Oncology Scholars Program. Hosted by the University of Michigan, this program educates oncology professionals about the knowledge and skills requisite for safe and evidence-based integration of complementary therapies with standard oncology care.

Will Quick ’07 was recognized in the 2021 edition of North Carolina Super Lawyers as a “Rising Star” in the appellate division. He is an attorney with Brooks Pierce.

This year, Remy Roque ’06 will transition from acting assistant professor to assistant professor of anesthesiology and pain medicine at the University of Washington. He will continue to provide teaching and clinical care at Seattle Children’s Hospital.

Jordan Schwarz ’05 moved to the position of lead propulsion development engineer at General Motors, where he manages dynamometer test programs for several new families of engines. Formerly Jordan was a turbocharger lead design release engineer at GM, where he launched a new test facility.

In March 2021, Massachusetts passed perhaps the most aggressive climate legislation in the nation. Included in that bill were several provisions drafted by Rep. Tommy Vitolo ’00, most notably language that will allow cities and towns to opt in to a net-zero building code for all new construction within their communities. Additional language drafted by Rep. Vitolo supported clean energy job training for current and former workers in fossil fuel industries, and support for clean heating and cooling business development. Tommy V was first elected to the state legislature in November 2018.

Mark Voelker ’02 stepped down as chief of OpenStack at VMware in April of 2021 after serving six and a half years in the position. Having spent much of the past decade working in one of the world’s top five most active open-source projects, Mark has accepted a new role as principal engineer at login security company Auth0, which processes billions of logins per month. He will be working closely with the chief product officer and chief architect at Auth0 on a number of high-priority modernization initiatives. He will also help with Auth0’s integration with Okta, which announced a definitive agreement to acquire Auth0 for $6.5 billion the same month that Mark joined. He will continue to work from his home office in Cary, North Carolina.

Park Alumni Society

The Park Alumni Society, founded in 2003, allows alumni to give back to both the Park Scholarships program and NC State University by fostering connections within these communities. This year, the group organized events including an anti-racism panel as well as a legal panel and networking event. All Park alumni and current Park Scholars are members of the organization, which provides access to special events and an exclusive online network.

Officers:
Caroline Ellington ’13, President
Mary Charles Hale ’13, Vice President
Sam Slater ’07, Treasurer
Jessica Modeen ’04, Secretary

Voting Board:
Margaret-Ellen Christensen ’02
Devan Riley ’15
Remy Roque ’06
Dani Winter ’18

Leah Haile ’13
Luke Perkins ’14

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Devan Riley ’15
Remy Roque ’06
Dani Winter ’18
Leah Haile ’13
Luke Perkins ’14
RECRUITMENT AND SELECTION

The Park Scholarships program serves as an important recruitment tool for NC State, attracting talented students to the university. A Selection Committee comprising 428 accomplished NC State alumni, faculty, and friends conducted application review, interviews, and outreach. This year, 33 percent of all applicants to the Park Scholarships program and more than half of the high-achieving students who attended Final Selection Activities decided to enroll at NC State. The university provided a $10,000 scholarship to each Finalist who did not receive a Park Scholarship but enrolled at NC State.

During a fully remote selection cycle, Semifinal Interviews and Final Selection Activities were held online. Through four days of programming, Park Scholarships connected 112 Finalists with information sessions, artistic workshops, faculty, staff, and students. Attendees were given access to thematic campus tours led by Park Scholars and took part in social activities designed to provide a picture of life at NC State. Finalists also took part in interviews and group discussion activities. An optional interest-group session, added to the programming in the 2019-2020 cycle, continued online to allow current students to share insights into their experiences. The interest groups included GLBTQ+, people of color, under-resourced communities, and spiritual/ secular beliefs, among other identities and affiliations.

At the Finalist Reception, Finalists and their families joined Park Scholars, alumni, NC State faculty, deans, and Selection Committee members. More than 400 guests enjoyed a program featuring remarks from Chancellor Randy Woodson, Park Scholarships Director Eva Feucht ’02, and Park Scholars Timothy Reid ’24 and Ana Sofia Usoy ’21, as well as a dynamic dialogue between keynote speakers Lianne Gonsalves ’10 and Tommy Vitolo ’00.

Number of Candidates by Stage

<table>
<thead>
<tr>
<th>Stage</th>
<th>Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>Applicants</td>
<td>2,203</td>
</tr>
<tr>
<td>Semifinalists</td>
<td>495</td>
</tr>
<tr>
<td>Finalists</td>
<td>112</td>
</tr>
<tr>
<td>Class of 2025</td>
<td>39</td>
</tr>
</tbody>
</table>

Applicants and Recipients by County

Applicants and Recipients by State

Applicants also hailed from Washington, D.C., Canada, India, Kenya, Panama, South Africa, and the United Arab Emirates.
The 26th class of Park Scholars was selected from a pool of 2,203 applicants from 97 of North Carolina’s 100 counties, 43 states and territories, and six countries on the basis of outstanding achievements and potential in scholarship, leadership, service, and character.

Isaac Ali
Early College at Guilford
Oak Ridge, North Carolina

Adachi Amaram
Appomattox Regional Governor’s School for the Arts and Technology
Petersburg, Virginia

Rose Amburose
Watauga High School
Boone, North Carolina

Pratik Bairoliya
Enloe Magnet High School
Morrisville, North Carolina

Ethan Baker
Community School of Davidson
Davidson, North Carolina

Ria Bakshi
Maggie L. Walker Governor’s School
Glen Allen, Virginia

Shalyn Barker
Cherokee High School
Cherokee, North Carolina

Amaya Beard
Hickory Ridge High School
Harrisburg, North Carolina

Anika Bhadriraju
North Carolina School of Science and Mathematics
Cary, North Carolina

Emily Boldor
Baton Rouge Magnet High School
Baton Rouge, Louisiana

Caroline Causey
Holy Innocents Episcopal School
Atlanta, Georgia

Katelyn Coleman
Easton Area High School
Easton, Pennsylvania

Shane Conroy
Jordan Matthews High School
Siler City, North Carolina

Katie Dukelow
Eno River Academy
Durham, North Carolina

Brooke Eby
Central Virginia Governor’s School of Science and Technology
Amherst, Virginia

Charlotte Fullbright
Needham B. Broughton High School
Raleigh, North Carolina

Georgia Goulding
Jimmy C. Draughn High School
Valdese, North Carolina

Maddi Hardwick
Loris High School
Loris, South Carolina

Shreya Holikatti
Granite Bay High School
Folsom, California

Tobias Hullette
Home School Clearing House
Newton, North Carolina

Ferdinand Kelley
Asheboro High School
Asheboro, North Carolina

Amy Leister
E.A. Laney High School
Wilmington, North Carolina

Mya Lowry
Cleveland High School
Garner, North Carolina

Jalen Lucas
Onslow Early College High School
Jacksonville, North Carolina

Madison Martin
North Iredell High School
Statesville, North Carolina

Giovonnii Nelson
Wayne School of Engineering
Mount Olive, North Carolina

Pallavi Patil
Harper Middle College High School
Charlotte, North Carolina

Sonia Pereira
North Mecklenburg Senior High School
Charlotte, North Carolina

Rylee Pope
Harrells Christian Academy
Clinton, North Carolina

Darlene Salvador
St Mary’s Ryken High School
Accokeek, Maryland

Kate Scheer
East Chapel Hill High School
Chapel Hill, North Carolina

Alex Scott
Matoaca High School
Chesterfield, Virginia

Madeline Scott
Triton High School
Dunn, North Carolina

Syna Sharma
Garner Senior High School
Garner, North Carolina

David Sieg
Mount Tabor High School
Winston Salem, North Carolina

Madeline Smith
North Carolina School of Science and Mathematics
Smithfield, North Carolina

Helen Watson
Salem Academy
Winston-Salem, North Carolina

Rylee Wienhold
Perry Hall High
White Marsh, Maryland

Brandon Wilson
Jay M. Robinson High School
Concord, North Carolina

Park Faculty Scholars

Trino Ascencio-Ibáñez
Teaching Associate Professor, Coordinator of Undergraduate Research, Molecular and Structural Biochemistry

Kay Sandberg
Teaching Professor, Chemistry
SUPPORTING PARK SCHOLARSHIPS

The Park Scholarships program grows stronger each year thanks to a dedicated community of supporters, including first-time donors, sustaining contributors, endowment creators, co-named Park Scholarship donors, and the Park Foundation, which has given generously for the last 25 years. Collectively, this support opens doors to achievement and access for our scholars.

The second annual NC State Day of Giving, delayed from March 2020, was reimagined as NC State Day of Giving: Stronger as a Pack. Held in September 2020, the event focused on bringing the Park community together to raise funds for scholarships, diversity and inclusion work, and enrichment. In March 2021, NC State Day of Giving returned to its regular schedule. Including challenge funds, the two campaigns together raised over $1,000,000 for the program in 48 hours.

In September, the One Pack One Park: Diversity, Equity, and Inclusion Fund was launched. Thanks to gifts from 206 donors, the fund will provide enduring support for diversity, equity, and inclusion initiatives within the program.

Park parent Vijay Desai pioneered a new type of gift to bring an additional Park Scholar to the Class of 2025. With an outright gift of $116,000, you can bring one more Park Scholar to NC State in the next academic year.

This year, the program’s eighth and ninth co-named Park Scholarships were committed, one by a Park alumni couple, Ricky Bloomfield ’02 and Kimberly Bloomfield ’02, and another by Park parent Brent Bumgarner and his wife, Laura, made as a planned gift. A gift at this level — a $350,000 endowment — is matched 100% with existing Park Foundation funds to support one Park Scholarship in perpetuity.

Park Philanthropy Council

<table>
<thead>
<tr>
<th>Michael Evans ’21</th>
<th>Keya Pothireddy ’23</th>
</tr>
</thead>
<tbody>
<tr>
<td>Maddy Hannan ’24</td>
<td>Joseph Staudt ’24</td>
</tr>
<tr>
<td>Sarah Hartsell ’22</td>
<td>Matt Traenkle ’21</td>
</tr>
<tr>
<td>Emie Kiser ’24</td>
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</tbody>
</table>

The entire Class of 2021 has made a gift or pledge to support Park Scholarships.

$116,000

Brings one more Park Scholar to NC State in the next academic year.

The Park Scholarship enriches my daily life still — even though it’s been more than 15 years since the program first brought me to NC State. Park Scholars and alumni continue to challenge me, support me with opportunities to learn and grow, and are counted among my dearest friends and mentors. I’m honored to be part of the Park Scholarships family and hope our gifts help others share in this legacy.

— Kyle Held ’09,
co-named Park Scholarship donor
MAKE AN IMPACT

Your gifts lead us forward in solving the grand challenges of a complicated world. Whether you are interested in a current-use gift, an estate or planned gift, or creating an endowment, your contribution will make an impact. For information on how you can support Park Scholarships, visit park.ncsu.edu/give.

We are grateful for the wonderful experiences and growth we had as a part of the Park Scholarships community at NC State. Over many years, we’ve seen Park Scholars continue to exemplify scholarship, leadership, service, and character well beyond graduation. Giving back to the program has always been a priority for our family and we see it as a natural step to ensure that future generations of students can benefit from the incredible opportunities afforded by the Park Scholarship and NC State.

— Ricky Bloomfield ‘02 and Kimberly Bloomfield ‘02, co-named Park Scholarship donors

$146,501
Raised for the One Pack
One Park: Diversity, Equity, and Inclusion Fund.
Park Scholarships Staff

Eva Feucht ’02
Director

Joy Tongsri
Senior Associate Director

Sarah Ho
Associate Director, Enrichment

Dana Dubis
Assistant Director, Development

Reneé Tutchton
Assistant Director, Recruiting and Selection

Rachel Cox
Communications Manager

Rosalyn Eagleton
Executive Assistant

Alexa DeFalco
Graduate Assistant

Lauren Caddick ’14
Program Assistant

Adrian Teegarden ’19
Program Assistant

Kyle Kusterer
Director of Development (University Advancement)

Park Advisory Committee
Provides counsel to Park Scholarships staff on enrichment activities

George Hess, Chair
Professor, Department of Forestry and Environmental Resources

Sarah Ash
Professor Emerita, Department of Food, Bioprocessing and Nutrition Sciences

Ricky Bloomfield ’02
Clinical and Health Informatics Lead, Apple; CEO, G-Whizz! Apps

Jeff Braden
Dean, College of Humanities and Social Sciences

Karen Bullock
Professor and Head of the School of Social Work, College of Humanities and Social Sciences

Sean Cassidy
Director, University Honors and Scholars Programs

Jo-Ann Cohen
Professor, Department of Mathematics

Landra Cunningham ’03
Senior Marketing Technical Communicator, SAS Institute

Mary Elting ’07
Assistant Professor, Department of Physics

Spencer Johnson ’09
Technical Staff, MIT Lincoln Laboratory

Susan Navey-Davis
Assistant Department Head for Student Affairs, Department of Foreign Languages and Literatures

Lisa Parks
Teaching Associate Professor, Department of Biological Sciences

Melanie Simpson
Professor and Department Head, Department of Molecular and Structural Biochemistry

Shweta Trivedi
Teaching Associate Professor, Department of Animal Science; Director, VetPAC
Park Service Advisory Committee
Provides guidance to Park Scholarships staff on planning and evaluation of Civic Engagement Initiatives

Sarah Ash
Professor Emerita, Department of Food, Bioprocessing and Nutrition Sciences

John Begeny
Associate Professor, Department of Psychology

Natalie Chazal ’21
Park Scholar

Brad Davis
Executive Director, WakeMed Foundation

Kristin Murphy
Principal, Green Peak Partners

Rosalynn Phan ’19
Automation Engineer, GlaxoSmithKline

Sharene Pierce ’01
Vice President of Engineering Carolinas West, Duke Energy

Kati Scruggs ’18
Graduate Student, Master of Public Health and Registered Dietitian Program

Park Enrichment Grant Committee
Reviews proposals and awards funding for Park Enrichment Grants and Park Alumni Society Study Abroad Travel Stipends

Gerald Elkan, Chair
Professor Emeritus, Department of Microbiology

Sarah Ash
Professor Emerita, Department of Food, Bioprocessing and Nutrition Sciences

Veronica Cateté
Research Scientist, Department of Computer Science

Mari Chinn
Professor, Department of Biological and Agricultural Engineering

Clifford Griffin
Associate Professor, Political Science, School of Public and International Affairs

Holly Hurlburt
Assistant Dean and Executive Director for Academic Enrichment Programming, University College

Michelle Schroeder-Moreno
Alumni Distinguished Undergraduate Professor, Agroecology, Department of Crop and Soil Sciences

Samuel Slater ’07
Treasurer, Park Alumni Society; Attorney, Wyrick Robbins Yates & Ponton
### Class of 2021

- Catherine Ault
- Jessica Autry
- Elijah Bouma-Sims
- Mallory Bryan
- Georgia Burgess
- Natalie Chazal
- Natalie Collier
- Hannah Cooper
- Elizabeth Dogbe
- Michael Evans
- David Flowers
- Micah Furr
- Benjamin Gray
- Salam Ibrahim
- Mackenzie Lamb
- Claire Ludwig
- Carley-Martin MacFarlane
- Odai Mansour
- Nikhil Milind
- Jenna Nabors
- Anna Owens
- Steven Rehard
- Haley Ritchie
- Elise Romola
- Lauren Spell
- Ethan Strubinger
- Matt Traenkle
- Ana Sofia Uzsoy
- Amy Ward
- Emma West
- Taylor White
- Nick Wirtz
- Lindsay Wrege

### Park Faculty Scholars

**Billy Flowers**
William Neal Reynolds  
Distinguished Professor, Animal Science

**Clifford Griffin**
Associate Professor, Political Science

### Class of 2022

- Loujain Al Samara
- Jacob Anders
- Grace Baucom
- Elizabeth Beyer
- Natalie Bress
- Kelci Cox
- Andrew Daddone
- Liam Dao
- Shannon Dolan
- Katelyn Glen
- Annalise Hafner
- Daniel Haller
- Sarah Hartsell
- Hayley Harwood
- Annie Haunton
- Abby Hodges
- Micah Holdsworth
- Zack Jenio
- Tatum Kellum
- Natalie Kraft
- Shevani Mehta
- Emily Ostermann
- Shannon Pinnell
- Megan Pryor
- Beth Rodgers
- Alexa Roland
- Ethan Scheper
- Shaily Shah
- Noor Shehata
- Nadia Sheppard
- Thomas Steckmann
- Daniel Toole
- Trenton Wallis
- Lauren Warner
- Noah Wolfe
- Ben Zino

### Park Faculty Scholars

**Steve Greene**  
Professor, Political Science

**Lisa Parks**  
Teaching Associate Professor, Biological Sciences
Class of 2023

Michael Ankner
Rachel Beall
Carina Becker
Shriya Bhoothapuri
Autumn Boyce
Hannah Braun
Kevin Cabral
Shannon Carney
Megan Cislo
Bella Condo
Christiana Daniel
Cat Dean
Ariana Frazier
Daniel Friday
Anna Gessner
Cailin Harrington
David Horne
Daniel Hutchinson-Kausch
Sarah Jarrell
Camilla Keil
Kelly Koehler
Nehemiah MacDonald

Katelyn McInerney
William McPhaul
Nicolas Muecke
Madison Mueller
Alvin Mutongi
Srikar Nanduri
Irene Nazario
Courtney Ollis
Keya Pothireddy
Siddharth Samal
Ritika Shamdasani
Ethan Shumate
Beckett Stillman
Dante Tomaino
Zach VanHekken
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