

Reece Clark

336-580-5814 · reececarr@unc.edu

Education

University of North Carolina (UNC)	<i>Chapel Hill, NC. 2022 - 2026</i>
Physics, BS (Astrophysics Option)	<i>Major GPA: 3.42</i>
Geological Sciences, BA (Earth Sciences Option)	<i>Major GPA: 3.71</i>

Research/Work Experience

Undergraduate Research Assistant UNC Dept. of Physics and Astronomy, Chapel Hill, NC	<i>Fall 2023-Present</i>
Research Internships in Ocean Sciences (RIOS) REU Intern Rutgers University Dept. of Marine and Coastal Sciences, New Brunswick, NJ	<i>Summer 2024</i>
Educational Research in Radio Astronomy (ERIRA) Participant UNC / Green Bank Observatory (GBO), Green Bank, WV	<i>August 2023</i>
Joint School of Nanoscience and Nanoengineering (JSNN) Intern A&T and UNCG, Greensboro, NC	<i>Summer 2022</i>
Draelos Scholar A&T and UNCG, Greensboro, NC	<i>Summer 2021</i>

Poster Presentations

Celebration of Undergraduate Research (CUR) Chapel Hill, NC	<i>, 2025</i>
Visibility in Physics (ViP) Symposium Chapel Hill, NC	<i>, 2025</i>
NC Space Grant Symposium Raleigh, NC	<i>, 2025</i>
Association for the Sciences of Limnology and Oceanography (ASLO) Charlotte, NC	<i>March 26-31, 2025</i>
North Carolina Astronomer's Meeting (NCAM) Greensboro, NC	<i>October 5, 2024</i>
Southeastern Section of the American Physical Society (SESAPS) Charlotte, NC	<i>October 24-25, 2024</i>
Rutgers Department of Marine and Coastal Sciences New Brunswick, NJ	<i>August 10, 2024</i>
Celebration of Undergraduate Research (CUR) Chapel Hill, NC	<i>April 29, 2024</i>
Visibility in Physics (ViP) Symposium Chapel Hill, NC	<i>April 29, 2024</i>

Grants

Travel Grant: <i>American Physical Society:</i> Grant awarded to support travel and attendance at SESAPS. Award amount: \$350.00 .	<i>October 2024</i>
Summer Intern: <i>National Science Foundation:</i> Grant awarded to conduct ocean sciences research. Award amount: \$7000.00 .	<i>Summer 2024</i>
Research Scholar: <i>NASA/North Carolina Space Grant:</i> Grant awarded to lead an astronomy-based research project. Award amount: \$8000.00 .	<i>June 2024-May 2025</i>
Research Scholar: <i>Draeos Science Scholars:</i> Grant awarded to conduct nanobiophysics research over the course of 6 weeks. Award amount: \$800.00 .	<i>Summer 2021</i>
Total Amount: \$16,150.00	

Leadership & Outreach

Society of Physics Students (SPS) President Manage UNC Chapel Hill's SPS chapter, and ensure that all activities and obligations are executed properly and efficiently.	<i>August 2025-May 2026</i>
Society of Physics Students (SPS) Outreach Coordinator Manage outreach events and perform responsibilities for the SPS executive board.	<i>August 2024-May 2025</i>
Outreach Events:	
VisPhys	<i>Spring 2025</i>
Hospital School Outreach	<i>Fall 2024- (Weekly)</i>
Science is Awesome! Day	<i>Fall 2024- (Biannual)</i>
Science Expo	<i>Spring 2024- (Annual)</i>
STEAM Night at Glenwood Elementary	<i>Spring 2024- (Annual)</i>
Astronomy Days at North Carolina Museum of Natural Sciences (NCMNS)	<i>Spring 2023- (Annual)</i>
STEAM Night at Scroggs Elementary	<i>Spring 2023- (Annual)</i>

Programming & Technical Skills

Programming/Markdown Languages: Python, Typescript, HTML/CSS, C++, MATLAB, \LaTeX
Technical Skills: Data/statistical analysis, API use and development, Telescope control and automation, Microcontrollers
Tools/Software: Git, Adobe Illustrator

Relevant Coursework

Physics: Mechanics, Electromagnetism I&II, Quantum Mechanics I, Thermal Physics, Experimental Techniques, Fluid Dynamics
Astronomy: Observational Astronomy, Introduction to Astrophysics, Educational Research in Radio Astronomy, Astrophysical Dynamics
Geology: Earth's Surface, Solid Earth, Fluid Dynamics

Programming: Numerical Techniques for the Sciences I & II, Physical Computing