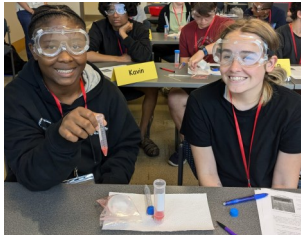


The Science House

sciencehouse.ncsu.edu/studentprograms/catalyst

Creating Opportunities in STEM for Students with Disabilities



Catalyst is a free international and national award winning high school program for students with disabilities interested in STEM Careers!

You can participate if you are a rising Grade 9-12 High School Student with any disability who is in Regular Education Classes (Standard, AP, Honors, or College Level), or in the Occupational Course of Study program, whether in public or private or home school



The program includes:

- Hands on STEM Program that includes a wide range of STEM Content, Skills and Fields, taught by Professors, Graduate Students, and Industry Professionals
- Paid STEM Internships in research labs at NC State University, or with government and industry partners
- Workforce and college readiness skills
- Life 101 Skills including, stress management, navigating a college campus, etc.
- Week long summer session, plus Saturday sessions during the school year
- Optional multi-year program
- Field study trips, that are in state, out-of-state, and international
- Case Management, resource support, and transition planning
- Optional certifications in Quality Assurance and AI
- Annual Reach For the Stars! Be A Star! STEM and Resource Fair for K-12 Students in NC with Disabilities, Family and Friends



Catalyst is an award winning program:

- Excellence in Education Award, Raleigh Mayor's Committee For Persons with Disabilities, October 2024
- Airwards 2023/24 Winner in the Education and Research / Training Category
- Invited by US Airforce Academy and Space Foundation, Colorado Springs, CO for a Field Studies Program, April 2025
- Field Studies and Service Learning Program, Rwanda, June 2025
- Invited to the International Institute of Tropical Forestry, San Juan, Puerto Rico for a Field Studies Program, April 2024
- Invited to NASA Johnson Space Center, April 2023 for a Field Studies Program
- Recognized by Time Magazine, 2022
- Received a National Science Foundation (NSF) Grant For Connecting Students with Autism to Geographic Information Science & Technology, 2021
- Program of Excellence Award, 2021, International Technology and Engineering Educators Association
- National Energy Education Development Project: Special Project Award, 2020
- Invited to the US Patent Office, June 2018 for a special program
- National Lemelson-MIT InvenTeam Competition Winners and Technical Award, 2017
- Letter of Commendation from President Obama 2017
- All graduating Seniors have pursued STEM educational pathways in college



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