



Our Program:

Catalyst is a 3 Time National Award-Winning STEM Program for High School Students with Disabilities interested in STEM Careers.

Catalyst was founded five years ago and is located at The Science House on NC State's Centennial Campus. Students attend free, weeklong institutes in the summer and Saturday Sessions throughout the school year. The Program includes Paid STEM Internships, Field Trips, Research Projects, Project Based Learning, Engineering Design, Mentoring, Workforce Readiness Skills and much more! Catalyst is designed specifically for students interested in STEM and who want to pursue a STEM Career following high school. Most of our students are in either in Regular Education (AP, Honors, Standard Classes) or the Occupational Course of Study Program in High School.

Catalyst is funded by North Carolina Vocational Rehabilitation. Catalyst also has many community partners including NC State, Wake Tech, NC Museum of Natural Sciences, Biogen, Duke Energy, IBM, Fidelity, SAS, EPA, NASA, and Bank of America. This program would not exist without the generosity of our funder and partners.

Awards:

- 2021 STEM Program of Excellence Award from the International Technology and Engineering Educators Association
- Winners of National 2017 Lemelson-MIT InvenTeam Competition. The students invented a mat that screens for lameness in cows and an App that notifies farmers. This device costs less than \$1,000, and the current one on the market is over \$100,000. They also won the technical award and were the only in the country with all students with disabilities. All participants presented at MIT and received a \$10,000 grant to build their invention, which we hope to patent.
- Winners of National Energy Education Development Project: Special Project Award, 2020
- Invited to the US Patent Office, June 2018 for a special program.
- Letter of Commendation from President Obama
- All graduating Catalyst Seniors have gone on to STEM Educational Pathways in College.

Facebook: <https://www.facebook.com/catalystncows>

Our Last Event: https://news.ncsu.edu/2021/07/nc-first-lady-commerce-secretary-visit-science-house/?fbclid=IwAR2JM-f3kJeJyf6Sm4masMVrtA6DC8_WFJFB31lcUuB0xGid2uvnQPSo5Bo

For More Information Contact:

Joann Blumenfeld
Catalyst Program Director
Science House
North Carolina State University
909 Capability Drive, Suite 1200
Raleigh, NC 27695
(919) 633-3120

