

Rural Works! Internship Program

Think and Do.

NC State University: Why Rural & Why Engineering?



- \$15/hr pay from Employer (\$2,400/month)
- ❑ NC State COE sponsors with \$10/hr match

Win for the student

Win for the company

Win for the University

NC State University College of Engineering = 8,505 Undergraduate Students

1,046 Mechanical

541 Electrical

361 Industrial

381 Aerospace

440 Chemical

108 Material Science

474 Computer Engineering

502 Civil

232 Biomedical

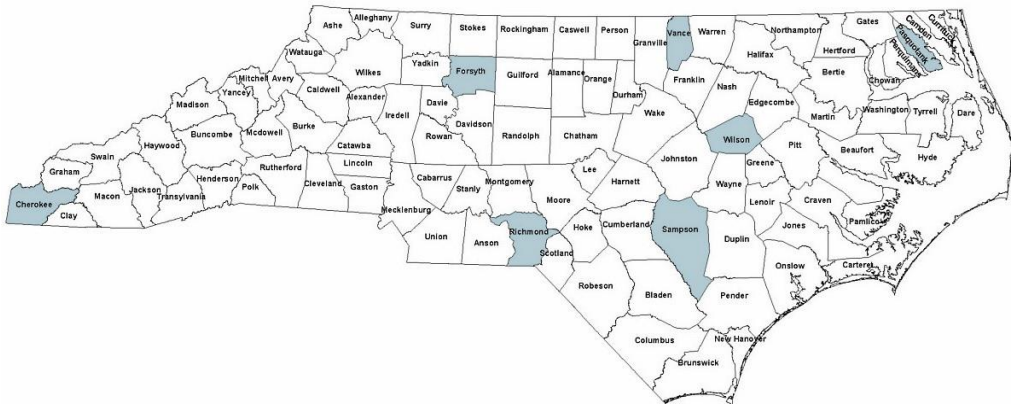
108 Nuclear

55 Textile Engineering



Growth and Momentum:

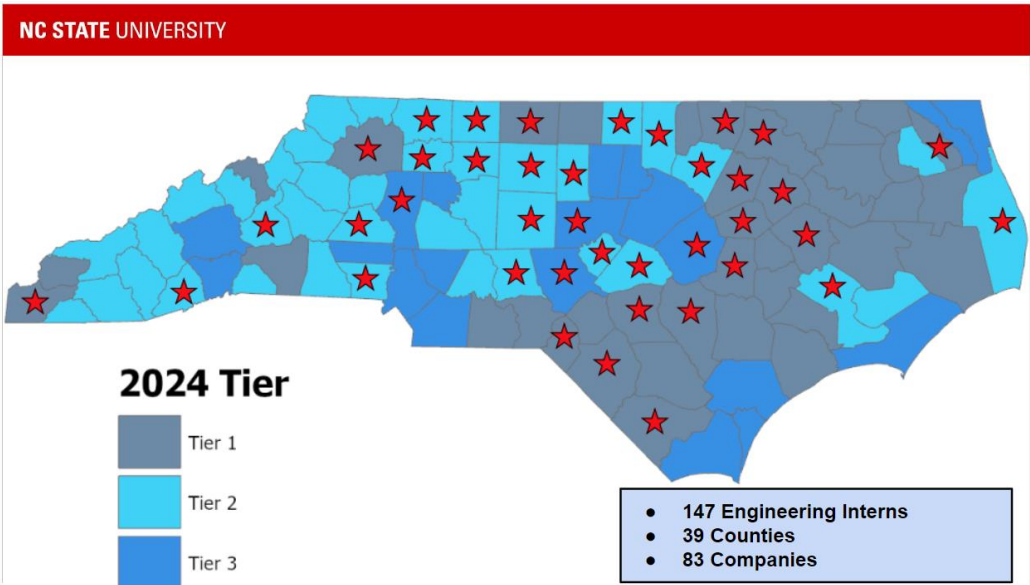
2019



Economic Impact: \$1.23M



Economic Impact: \$4.81 M



Economic Impact: \$6.32 M

Let's Talk Numbers:

83 total companies

- 50 new companies; 32 returning
- Representing large and small manufacturing: textiles, electric, plastics, pharmaceutical, food, aerospace, automotive, machining, wood, metals, renewable energy, construction, non-profit

147 engineering students (7 Textiles; 2 Biomedical; 1 Ag)

- 70% completing their first internships
- 133 or 90% from NC
- 86 or **59% from rural communities**
- 66 or **45% working in their home regions**

Economic Impact

- 97.1% recommend the program to other manufacturers
- **Total Economic Impact = \$6,323,678.00**
- Average by company of those who reported financial impacts (33) = \$191,627.00
- **Jobs retained = 83; Jobs created = 61**

Areas of the business financially influenced by interns:

- Cost Savings
- Investments Investment Plant / Equipment
- Save on Investments
- Increased Sales

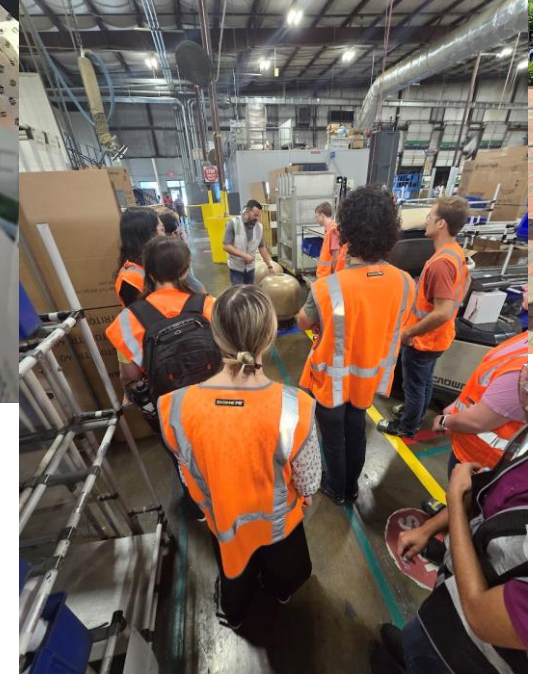
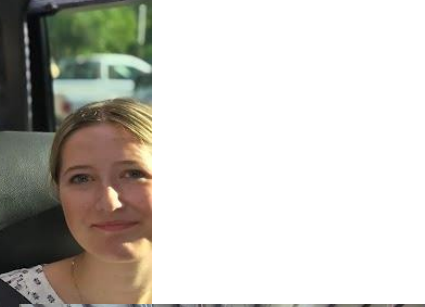
Personal Stories:



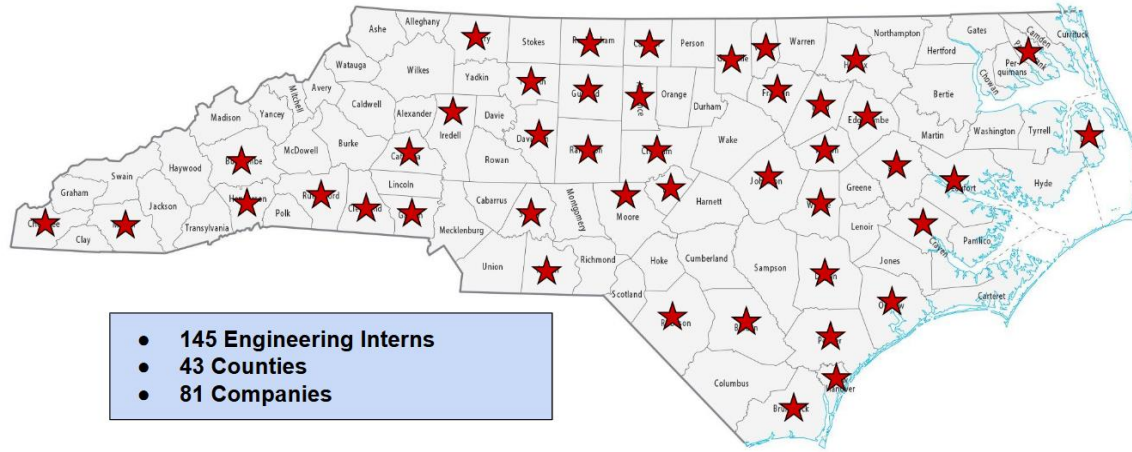
- RuralWorks! Was an amazing opportunity to be apart of! This program enabled me to gain valuable real world engineering experience by helping me secure 3 consecutive internships with the company that I now work for. - [Kaleb Jessup](#); [Schindler Escalator](#); [Clinton](#)
- I am so thankful for the time I spent in the RuralWorks! program. The internships I had directly and thoroughly prepared me for my career as a Continuous Improvement Engineer by giving me real-world experience and introducing me to the industry I now work in, all while supporting communities in my home state. Thank you for all the work you've done and the help you've provided!

– [Sara Chestnut](#); [Mann Hummel](#); [Goldsboro](#)
- I'm so grateful to have had the opportunity to be a RuralWorks! intern and to have Anna as a mentor! Gaining real-world experience was what I needed to learn what manufacturing was all about, and that experience is what lead me to pursue a career as a manufacturing engineer after graduating. RuralWorks! is such a meaningful and amazing program for engineering students and for manufacturers all throughout NC. – [Swetha Pugalenti](#); [Pentair](#); [Sanford](#)

Community Engagement:



Summer 2025 Internship Placements



More popular each year!!

5,075 Engineering Student Applications

148 Engineering student placements
200+ overall placements



Call to Action – the Future is Bright!

- Manufacturing Day – October 3rd
- Mfg Career Fair – October 17th
- Externships
- Co-Ops
- Clubs and Engineering Organization (74 options)
- Spring Break!
- Recruitment starts in October 2025 for summer 2026

Non- Engineering

- ✓ PCOM
- ✓ CALS



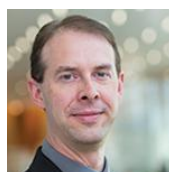
Chris McGraw
Western

828.329.3119
chris_mcgraw@ncsu.edu



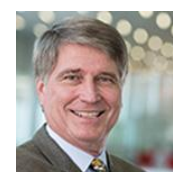
Kami Baggett
Piedmont Triad

919.830.7292
kami_baggett@ncsu.edu



Mitch Poteat
Research Triangle

919.607.0684
mitch_poteat@ncsu.edu



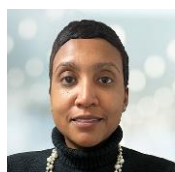
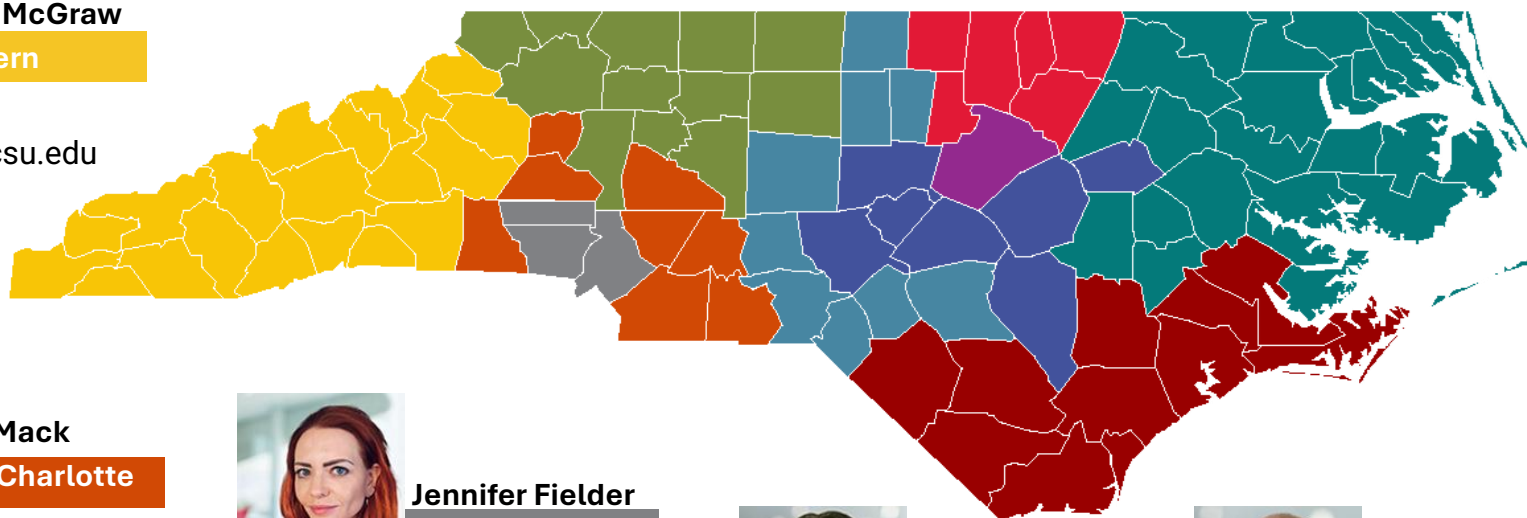
Robert Crew
Wake County

919.830.2941
robert_crew@ncsu.edu



Lori Benn
Northeast

919.988.7475
lori_benn@ncsu.edu



Tamara Mack
Greater Charlotte

980.281.0939
tamara_mack@ncsu.edu



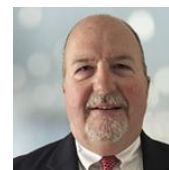
Jennifer Fielder
Charlotte

704.380.0063
jennifer_fielder@ncsu.edu



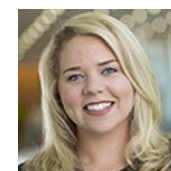
Mary Tillery
Central

910.622.5849
mary_tillery@ncsu.edu



Mark Everett
Southeast

919.274.8572
mark_everet@ncsu.edu



Anna Mangum
South Central

919.210.6050
anna_mangum@ncsu.edu



ncstateies.com/RM

We Can Help.