



CLAWS

Commercial Leap Ahead for
Wide Bandgap Semiconductors

CLAWS brings together the leading regional experts in wide bandgap semiconductors to develop an increase in domestic production and employment.

Leveraging:

- NC A&T HBCU Expertise
- NC Community College Partnerships
- Regional Innovation Networks
- Industry Partners Co-Development of Workforce

Workforce Development

Education and workforce efforts will scale with prototype projects to ensure relevance, involvement and sustainment of workforce activities.

Present or anticipated project supports:

- Summer programs at NC State and NC A&T
- Specialized short courses
- Expanded course involvement
- Community college involvement
- Undergraduate research
- Engagement with the DOD SMART Fellowship Program
- Outreach to K-12
- Intensive training of greater than 100 students a year
- Exposure to semiconductor career opportunities of greater than 100 students a year

Existing Workforce and Development and Outreach Efforts

Research foundry creates symbiotic opportunity to train the workforce

- Community college train the trainer
- Collaboration with Durham Tech training Wolfspeed technicians
- Four undergraduate and graduate courses with hands-on clean room
- Undergraduate work study students assist in clean room operations
- Internships with WolfSpeed and other semiconductor companies
- Strong demand for NC State students by industry
- Undergraduate research opportunities

