



# 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 DOW 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 DurhamTech 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 industry demand for NC State students
- Undergraduate research opportunities



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