

# Increasing STEM Education Opportunities in Oklahoma

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# Increase STEM workforce

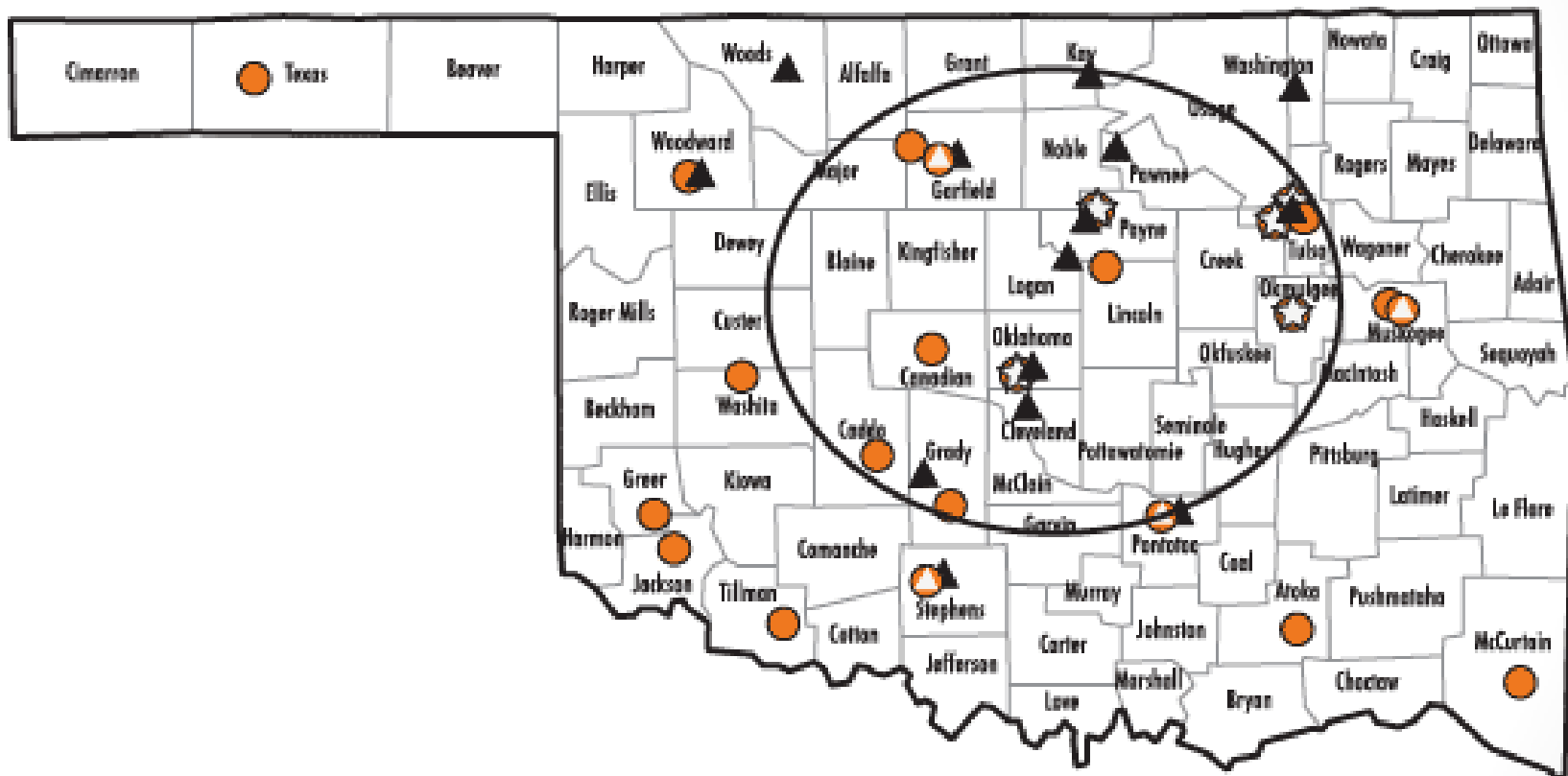
- Improve recruitment and retention of students in these areas
- Focus on 10-14<sup>th</sup> grades
- Enhanced high school courses
- Summer courses/bridge programs
- Concurrent enrollment
- Transfer student programs
- Improved teacher professional development and community college faculty professional development

# Build on existing networks

- Extension model → STEM extension officers/agent
- Career Tech
- Community colleges and regional universities
- Native American Communities/Tribal Colleges/HBCU
- Distance education network

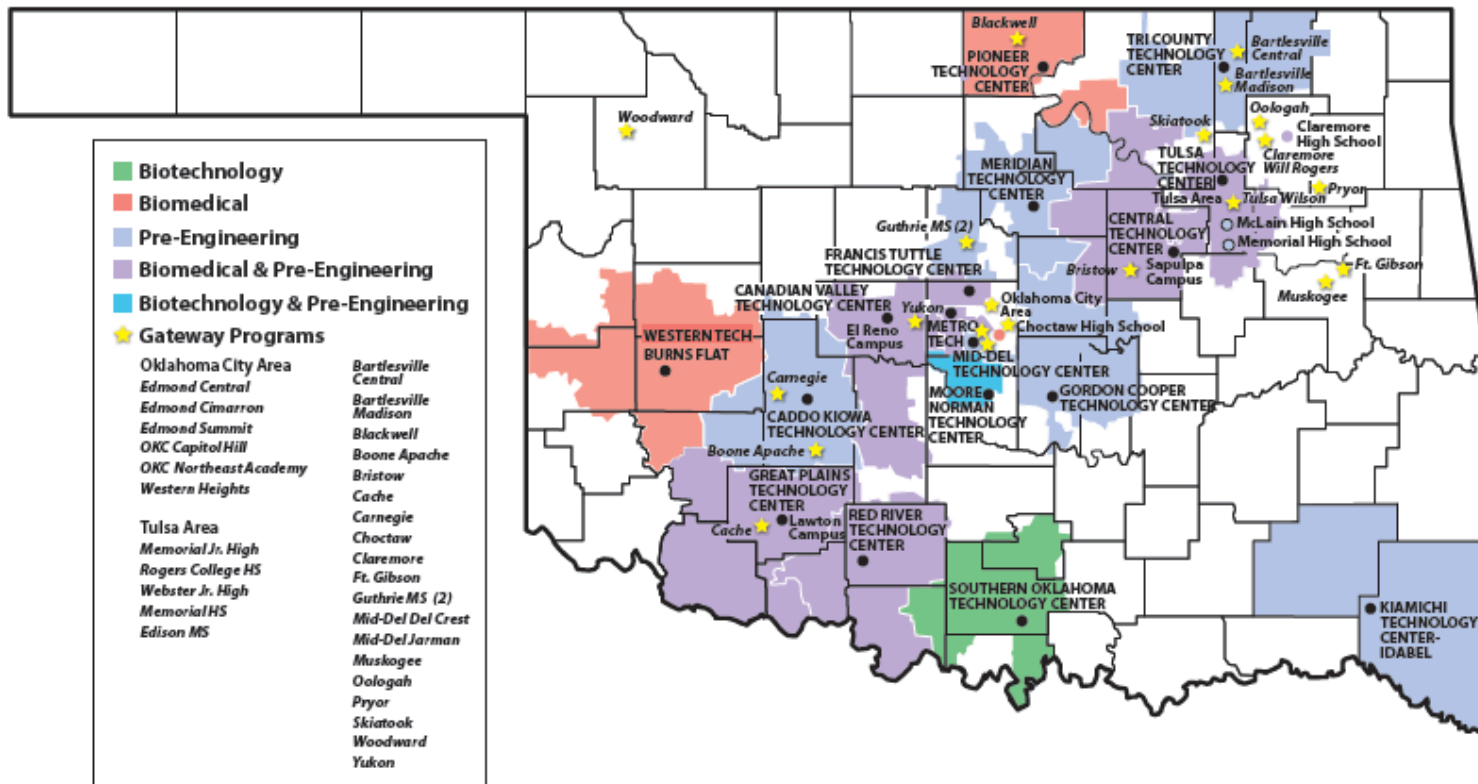
# Extension Offices

-  OSU Campus
-  Cooperative Extension District Offices
-  Agricultural Experiment Stations
-  Video Network Sites



# Career Tech

## STEM Map 2011



# Expanding the network

- Regional Universities

ECU

UCO

SWOSU

NESU

NWOSU

SE



- Community Colleges

e.g. TCC, OCCC, NOC, Rose State, Carl Albert, others

- Tribal nations

- Cherokee

- Others

- Tribal Colleges

- Cheyenne and Arapaho

- Muscogee

- Comanche

- Pawnee

- HBCU

- Langston