



Oklahoma Center for the Advancement of Science and Technology

Promoting Undergraduate Research Panel

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Michael Carolina, Executive Director

OCAST



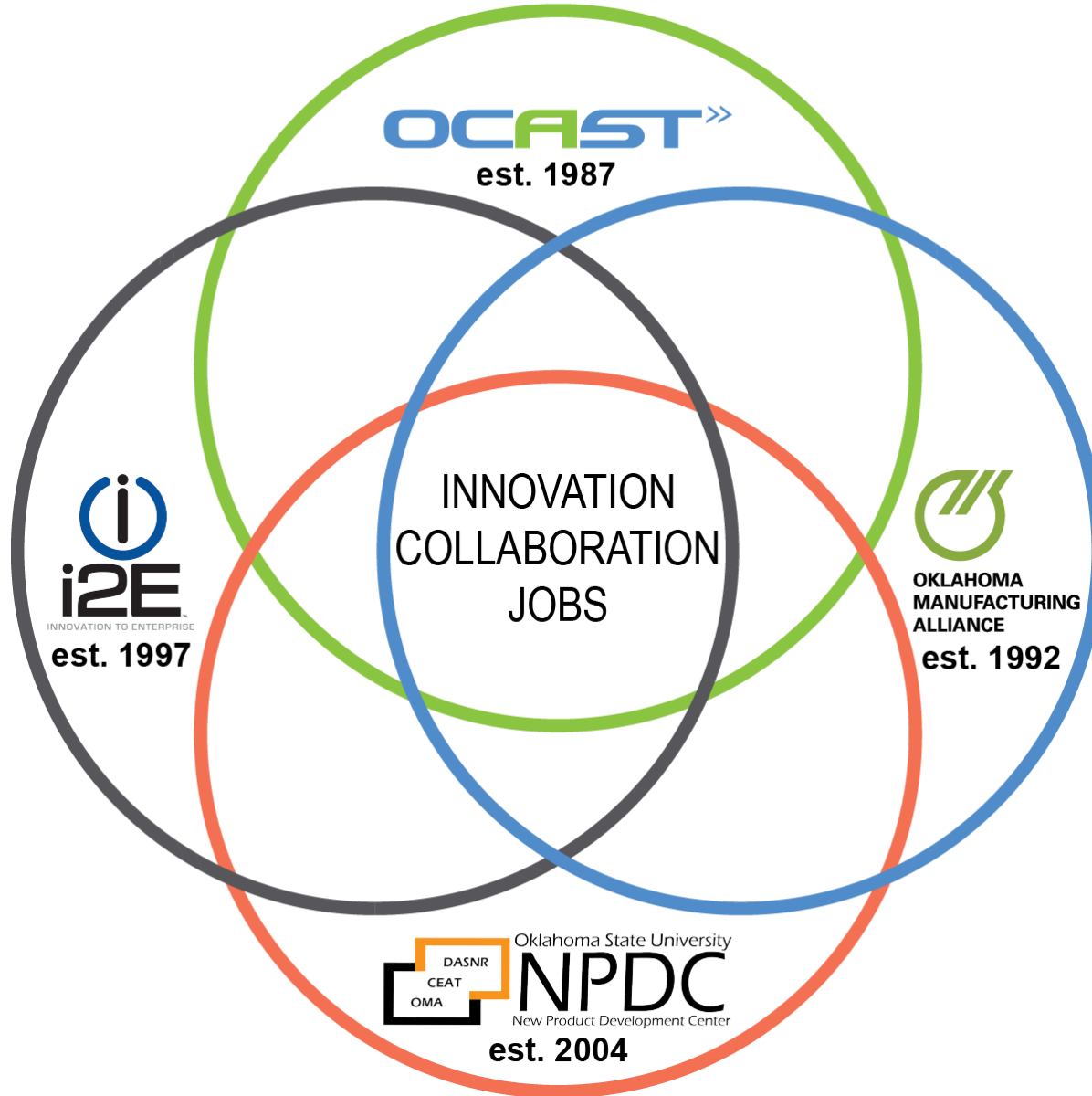
*Since 1987, the state's agency and engine
for technology development, transfer and
commercialization*

Mission

Diversify and grow Oklahoma's economy by:

- Fostering innovation through (peer-reviewed) basic and applied research grants
- Stimulating public/private collaboration
- Translating science and technology into business opportunities and jobs

Oklahoma's Innovation Model



Research

The systematic creation
and dissemination
of knowledge based on the
scientific method.

What attracts people to research?

- Title
- Abstract
- Data
- Conclusions

The Role of Research in Society:

- Improves quality of life
- Makes our lives better
- Drives innovation
- Drives entrepreneurial activity
- Increases competitiveness

Research challenges/opportunities:

- Reliable, predictable funding
- Research efficiency

Quality research that attracts:

- Federal funding
- Private sector (sponsored)
- Foundation funding

Helping to create
the intellectual capital
for the knowledge economy

Translational research...

Research supporting Oklahoma industries

- Aerospace and defense
- Agriculture
- Biosciences and biotechnology
- Energy (fossil and renewable)
- Manufacturing

Can we move the research
needle from “budget neutral”
to “budget positive”?

Research: A Pathway to Innovation, Entrepreneurship and Prosperity