

Economic Development Update

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Technical Assistance FY15

Center for Industrial Research & Service

New

- *Shared* staff position with NICC
- *Partnership* with Quad Cities Manufacturing Innovation Hub
- *Partnership* with Iowa Lean Consortium



By The Numbers



Assisted **1,548** companies in **97** counties



5,154 jobs added or retained



\$386M total *impact*
\$329M sales gained/retained
\$45M new *investment*
\$12M costs saved/avoided



Every **\$1** *invested* generates **\$1** in *external* funding

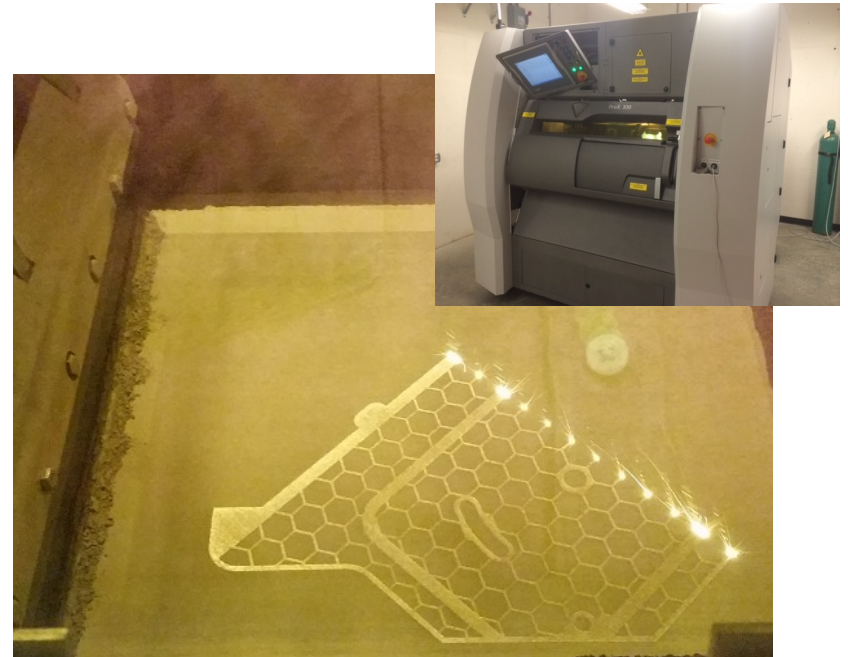
CIRAS Technology Assistance Program (TAP)

- CIRAS TAP

- Applied research with individual Iowa companies
- Non-directed applied research for Iowa industry clusters
- Technology assistance to individual Iowa companies

- Example program: 3D Metal Printing

- Partnership of CIRAS TAP, Department of Commerce, ISU College of Engineering, and IEDA
- Education for engineering students
- Research to speed technology adoption
- Outreach to Iowa industry – counseling for Iowa manufacturers, engineering design assistance, and educational events



Business Assistance FY15

Iowa Small Business Development Center Program

New

- Partnering with **IEDA's Downtown Resource Center**
- Reorganization of state office results in *leaner, more efficient* organization



By The Numbers



Every **\$1** invested generates **\$2** in state tax revenue

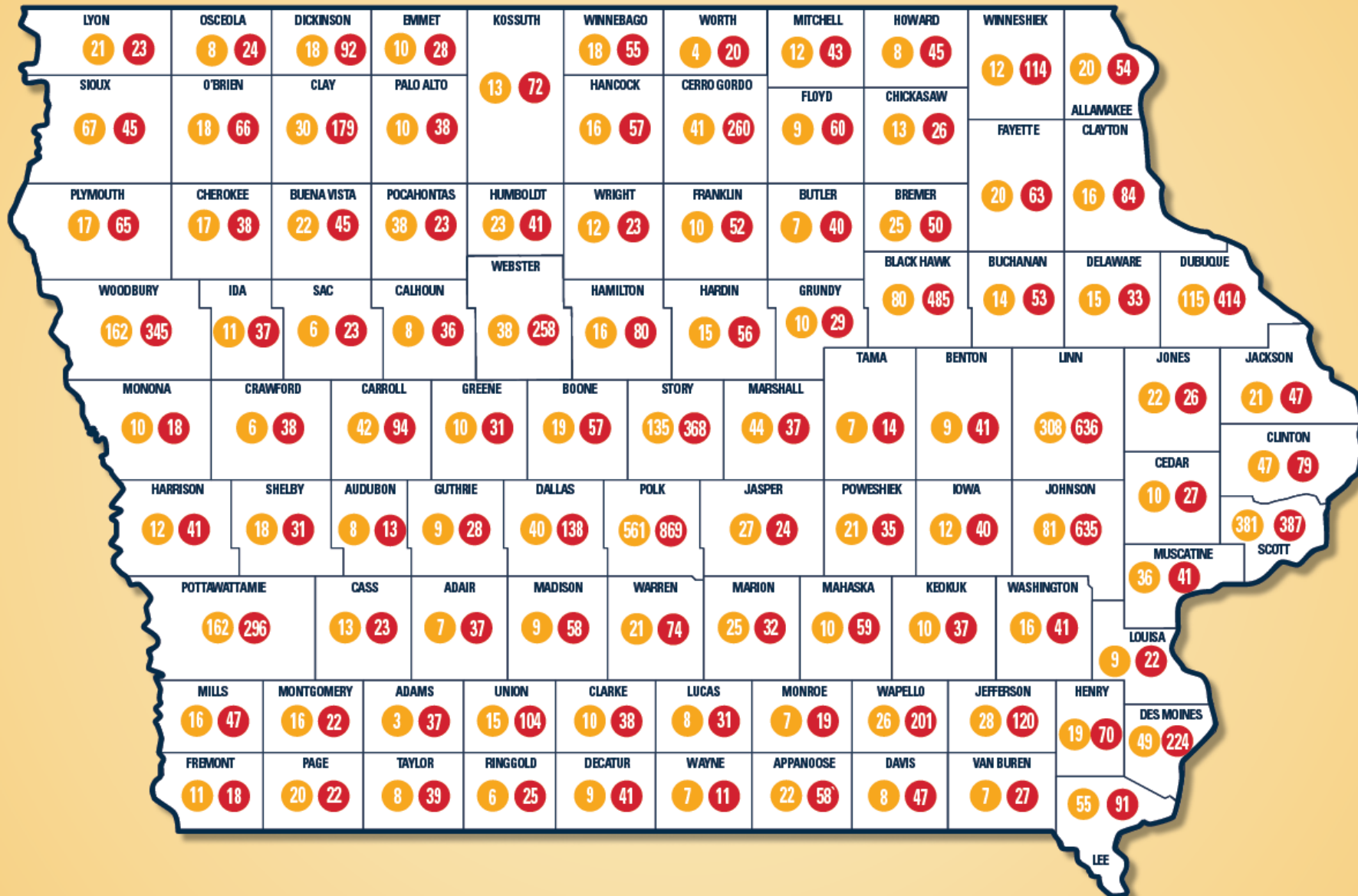


3,141 clients served
13,000+ counseling hours
322 new businesses



1,586 jobs created

A new job every 5.5 hours, a new business every 27 hours, and increase in sales of \$5,200,000 every month!



Program Snapshot FY2011–FY2015

- **Center for Industrial Research and Service (CIRAS)**—served 3,577 different clients in the last five years.
- **Small Business Development Center (SBDC)**—served 9,440 different clients in the last five years.

IOWA STATE UNIVERSITY

Office of Economic Development and Industry Relations

Technology Transfer FY15

ISU Research Foundation

Office of Intellectual Property and Technology Transfer

New

- *Implement* agreement with UNI to provide Tech Transfer services
- Grand opening of the Argo-Genesis biopolymer processing pilot facility, a *\$5M gift* to ISU



By The Numbers



108 license/option *agreements*
61 in *Iowa*



\$237M sales globally
\$8M in *Iowa*



4 new companies started
all in Iowa

Specialized Infrastructure

Veterinary Diagnostic Lab

The Veterinary Diagnostic Lab provides timely, comprehensive, high-quality *diagnoses for diseases* and toxicoses. The Iowa State VDL has detected and quickly responded to the introduction of various animal diseases in Iowa, including the 2013 *PED virus* in pigs and the 2015 *HP-AVI virus* in poultry.



75,000 cases
evaluated each year



1.5M tests conducted
each year



ISU's Veterinary Diagnostic Laboratory, the state's **only public veterinary diagnostic laboratory (VDL)** and **only VDL accredited** by the American Association of Vet. Lab. Diagnosticians.

Experiential Learning FY15

By The Numbers



93 engineering capstone/
class *projects*

77 *projects* with **57** Iowa
companies in **22** *counties*

640 *students* participated



100 students were placed
in *dozens* of communities
as part of Partnering in
Landscape And Community
Enhancements (PLACE)



\$32M *impact* from the
capstone projects



More than **30** consulting
projects plus live classroom
cases by CyBiz Lab

~**600** *students* involved



2,400 ISU *internships* at
>700 Iowa companies in
>140 communities in
78 counties.

Iowa State University has a 95% placement rate for new graduates within 6 months of graduation. Experiential learning is a key factor.

Strategic Community Partnerships FY15

Cedar Rapids



Iowa State formed a *partnership* with the city of Cedar Rapids to fund an ***agricultural bio-based industries research and extension liaison position***. The liaison has an office in Cedar Rapids and works closely with the city's processing industries to identify opportunities for *collaborating* with Iowa State scientists, engineers, economic development, and extension specialists.

Latino Specialists



Assisted **28** Latino business owners *start* or *improve* their own businesses



Trained **21** Latino business *leaders* and *entrepreneurs*



Assisted with the *creation* of **19** jobs and the *retention* of **90** jobs for minority employees with a value of **\$3,388,000.**

Regents Innovation Fund

By The Numbers, Since Inception



119 projects funded
103 projects *completed*



72 Iowa companies
participated

Broader Impacts from 85 projects



285 research *publications*



23 *invention disclosures*



\$15M in *externally funded*
projects resulting from **56**
applications

The Regents Innovation has resulted in 21 New Companies that would not have been enabled without this funding.

Research Park FY15

ISU Research Park

New

- **4** of the last **5** IPO's in Iowa reside in Ames. **3** *started* at the ISU Research Park and **2** are still located there.
- **3** companies *started* or *completed* building projects – Workiva, Vermeer and Boehringer Ingelheim.



By The Numbers



66 Companies & **16** Affiliates
14 *new* in 2015



1,572 Employees



Since Inception

246 *Existing* Companies
4,594 *Existing* Employees