



## iNDustry Labs at Notre Dame

[industrylabs.nd.edu](http://industrylabs.nd.edu)

As the University of Notre Dame's platform for collaboration with local industry, iNDustry Labs is uniquely positioned to unlock investments in technology, talent, and skills in the South Bend-Elkhart Region.

The resources available through iNDustry Labs encompass the full range of expertise, facilities, and student talent at the University and through partner institutions in the LIFT Network and beyond.

The success of our industry partners sets the pace for improving economic opportunities in the region. Our services are tailored to a company's specific goals, and reflect high-impact opportunities to advance the level of talent, skills and technology in our region.

iNDustry Labs provides end-to-end support for the implementation of new technologies, systems, products, and business strategies tailored to a company's goal.

- Strategic and technical advisory services
- Applied research, development, and testing
- Applied learning, internships, and skills training
- Grant development services

Our industry collaborations are led by Engineers in Residence (ENIRs) who provide direct services and support in collaboration with other resources at the University and across the LIFT Network. ENIR-led project teams typically consist of one to two enFocus Fellows, and may also include data scientists, faculty expertise, research technicians, and outside resources. Project fees and duration vary with service.

To learn about one of the many ways iNDustry Labs has served the region, watch this video:

[South Bend-Elkhart Manufacturing Accelerator: Automated Cobot Weld Cell](#)

[SUBSCRIBE TO THE INDUSTRY LABS NEWSLETTER](#)

# FORGING AHEAD *to transform our region*

LIFT BY THE NUMBERS 2019-2024



**INDUSTRY LABS**  
at Notre Dame



## ENABLING INFRASTRUCTURE

# \$152.3M+

**IN NEW & COMMITTED INVESTMENTS**  
*for the regional innovation ecosystem*

# 1:4

**RATIO OF LIFT DOLLARS TO NEW DIRECT INVESTMENTS IN REGION**  
*as a result of LIFT activities*



**Engineering Innovation Hub, University of Notre Dame** Students attend the first Engineering Summer Camp hosted by the Notre Dame College of Engineering.



**Larry & Judy Garatoni Center for Advanced Manufacturing and Automation (iFlex Lab), Ivy Tech South Bend-Elkhart**



**Community Learning Center, St. Joe County Public Library** Students attend the 21st Century Scholars Success Fest at the St. Joe County Public Library.



**Elkhart Area Career Center (EACC), Elkhart Community Schools** Collaborative Robots (Cobots) used by students in the Automation & Engineering Technology program

## INDUSTRY INNOVATION

# 181

**PROJECTS WITH 62 COMPANIES**  
*completed by iNDustry Labs*

### THE THREE-YEAR FORECASTED OUTCOMES OF 95 PROJECTS INCLUDE:

- **>\$164M** in new revenues and efficiency savings
- **\$13.5M** in new investments identified
- **144** new processes & **54** new products
- **611** employees to receive training

### 38 FEDERAL AND STATE GRANT APPLICATIONS SUBMITTED

- **\$2.4M** in awards received
- **\$5.4M** in total investments with matching funds

### 3X THE INDUSTRY-SPONSORED RESEARCH AT NOTRE DAME

*sourced from South Bend-Elkhart regional companies from 2019 to 2024*



*iNDustry Labs Engineer in Residence demonstrating automated welding on the cobot recently installed at LIFTCO for the Manufacturing Readiness Accelerator.*



*President and CEO of Kamgrounds of America, Inc., (KOA) speaks at the IDEA Week Industry Innovation Forum.*

### iNDustry Labs industry partners include:

- |                               |                         |
|-------------------------------|-------------------------|
| AM General                    | Lock Joint Tube         |
| Conn-Selmer                   | Patrick Industries      |
| General Stamping & Metalworks | THOR Industries         |
| ITAMCO                        | Tire Rack               |
| Kem Krest                     | Robert Weed Corporation |
| Lippert Components, Inc       | Smoker Craft            |

## EXPERIENTIAL LEARNING

# 1,372

### POST-SECONDARY STUDENTS

*engaged with local companies through internships and applied learning courses, including 320 Notre Dame students*



*Saint Mary's College Student participates in applied learning course.*

# 45

### ENFOCUS INDUSTRY ADVANCEMENT FELLOWSHIPS

*fellows engaged with local companies*



*Notre Dame students and enFocus Industry Innovation Fellows test a robot at the Lippert Glass plant as part of an EG35101: Industry and Community-Based Innovation Projects course.*

# 320

### REGIONAL INTERNSHIPS

*coordinated through South Bend - Elkhart Regional Partnership*



*Over 100 Notre Dame MBA students tour Southwire facility and engage in Q&A with company leadership*

## DIGITAL WORKFORCE DEVELOPMENT AND TRAINING

# 3,935

### CREDENTIALS AND CERTIFICATIONS

*for advanced technical skills underway and/or awarded from LIFT Network institutional partners*

# 254

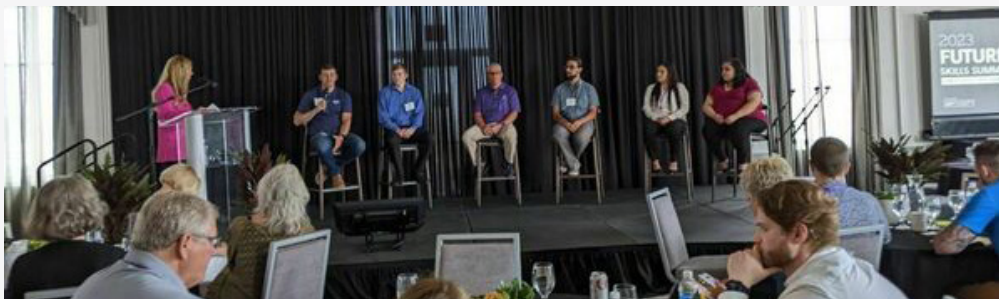
### STUDENTS ENROLLED

*in new and expanded degree programs in STEM fields supported by the LIFT grant*

# 7%

### INCREASE IN STEM DEGREE COMPLETIONS

*in the region from 2019 to 2024*



*Panelists discuss trends, challenges, and opportunities for tomorrow's job market at the South Bend-Elkhart Regional Partnership's Future Skills Summit. The event convened regional higher education institutions, companies, and lead economic development organizations for a day of learning and networking.*



*Representatives from Ivy Tech's School of Advanced Manufacturing, Engineering, and Applied Science attend a STEM resource fair.*