

DAGSI

Defense Associated Graduate Student Innovators

AT STRATEGIC OHIO COUNCIL FOR HIGHER EDUCATION

- **451**
Total Collaborative Projects
- **330**
Fully Funded by DAGSI
- **67**
Fully Funded by AFRL
- **54**
Funded by DAGSI and AFRL

DAGSI FUNDING

- 29 consecutive years of Ohio funding.
- Contributes to production of high-tech workforce to meet AFRL demands

"This program continues to exceed our objectives and is bringing tangible value to AFRL." - AFRL/SB

Visit us at www.soche.org/dagsi

OHIO UNIVERSITIES

Involved in Collaborative Projects with AFRL through DAGSI

- Air Force Institute of Technology
- Bowling Green State University
- Case Western Reserve University
- Central State University
- Cleveland State University
- Kent state
- Miami University
- Ohio University
- Shawnee State University
- The Ohio State University
- University of Akron
- University of Cincinnati
- University of Dayton
- University of Toledo
- Wright State University
- Youngstown State University

CLOSING OHIO'S WORKFORCE GAP

70% of DAGSI graduates are employed throughout Ohio.
(115/162)

20% of these graduates are employed by AFRL.
(23/115)

23.5% of these graduates are employed by Ohio Universities.
(27/115)

56.5% of these graduates are employed by other companies throughout Ohio, such as:

- Booz Allen Hamilton
- GE Aviation
- Lexis Nexis
- NASA Glenn
- P&G

30% of DAGSI graduates are employed in states other than Ohio.
(50/165)

AFRL/DAGSI Research Program Success Measures (6/27/2023)

- Program was first funded by Ohio in 1999, with 451 projects sponsored to date
- Research is undertaken by students and faculty on topics defined by AFRL, using AFRL and university facilities and resources
- Program is open to teams from any Ohio research university
- State funding totals \$46.5 million since 1999
- 1999-2003 (Total of \$16.2 million in State funding): 48 collaborative projects funded, with approximately 200 Ohio faculty and 230 students involved
- 2004-present (\$1.7 million/yr state funding in FY23): 330 projects awarded DAGSI funding in the annual competitive round, each fellowship supporting one student and one faculty member
- 70% of graduates are employed in Ohio industry, academic, and government lab positions
- AFRL has hired at least 23 students who held AFRL/DAGSI fellowships, plus many others working for local businesses that contract with AFRL
- The first AFRL/DAGSI Cooperative Agreement was signed in August of 2012, providing a vehicle for cost share by AFRL
 - Almost \$3 million was obligated by AFRL
 - 54 projects have received AFRL funding; including 23 that have been fully funded by AFRL
- The new AFRL/DAGSI Cooperative Agreement was signed in January of 2019, providing a vehicle for cost share by AFRL and opening funding opportunities for graduate and undergraduate interns across AFRL
 - To date more than \$8.9 million has been obligated by AFRL
 - Out of state funded projects through:
 - Georgia Tech Research Corporation
 - University of Kansas Center for Research
 - Tennessee Technical University
 - Texas A&M University
 - University of Illinois at Urbana-Champaign
 - University of Connecticut
 - University of Colorado Boulder (UCB)
 - Indiana University Purdue University Indianapolis (IUPUI)
 - Summer 2020 marked the beginning of the SOCHE Intern program in AFRL
 - To date, more than \$1Million has been obligated
 - Total of 146 interns in AFRL/RG, AFRL/RH, AFRL/RQ, AFRL/RY and AFRL/XP

DAGSI HISTORICAL DATA

(ODHE FUNDED PROGRAMS – 6/26/2023)

SCHOLARSHIP/FELLOWSHIP PROGRAM

- Awards made 1995-2008
- AFIT, UD, WSU

	AFIT	UD	WSU	TOTAL
FELLOW	11	9	17	37
ASST	30	74	82	186
PHD	69	139	108	316
MS	153	223	212	588
TOTALS	263	445	419	1127

Total over \$33.3M

PROGRAM ENHANCEMENTS

- Cross registration scholarships
- Given on case by case basis to encourage cross registration
- AFIT, UD, WSU
- Approx. 375 students
- Approx. \$960k total awarded

JOINT AFRL/DAGSI RESEARCH PROGRAM

- FY99-03
- Open to any Ohio research university
- \$16.2M in ODHE funds
- 48 projects
- Approx. 200 faculty and 230 students
- Participating universities: AFIT, UD, WSU, OSU, UC, MU, Kent St., UT, OU, CWRU

OHIO STUDENT-FACULTY RESEARCH PROGRAM

- 2004 to present
- Open to any Ohio research university
- Over \$44.5M awarded to date
- 451 projects
- Over 1,000 faculty and students supported
- Participating universities: AFIT, UD, WSU, OSU, UC, BGSU, CWRU, MU, UA, UT, OU

DAGSI HISTORICAL DATA

(AFRL FUNDED PROJECTS – 6/26/2023)

AFRL/DAGSI Cooperative Agreement – FA86550-12-2-7248

- August 15, 2012 to March 15, 2020
- Open to any Ohio research university
- Total of \$2,991,936 awarded
- 54 projects
- Over 110 faculty and students supported
- Participating universities: The Ohio State University, Wright State University, University of Dayton, University of Cincinnati, University of Akron, Miami University

AFRL/DAGSI Cooperative Agreement – FA87650-19-2-9300

- January 31, 2019 to April 30, 2024
- Open to any US research university
- Over \$8.9M awarded to date
- 100 projects
- Over 200 faculty and students supported on research projects
- Participating Ohio universities: Wright State University, Miami University, Ohio University, The Ohio State University, University of Dayton, University of Cincinnati, Case Western Reserve University.
- Participating universities outside of Ohio: Georgia Tech Research Corporation, University of Kansas Center for Research, Tennessee Technical University, Texas A&M University, University of Hawaii, University of Illinois at Urbana-Champaign, University of Colorado Boulder, Indiana University Purdue University Indianapolis (IUPUI)
- Internship Program:
 -
 - RQ – 78
 - RY – 17
 - RG – 4
 - RH - 31
 - XP - 16
 - Total: 146