New IRIS Products

**Census Hot Reports**

IRIS partners with the US Census Bureau to create statistical reports on:

1. Graduate student and postdoctoral fellows’ earnings and employment after they leave the university; and
2. The size, industry, and payroll of university research vendors.

- All IRIS universities will soon receive interactive web reports.
- A sample report is available online at: [https://irisweb.isr.umich.edu](https://irisweb.isr.umich.edu)
- Sample report username & password: iris & P23ju9by

**Federal Spending Reports**

IRIS produces information on campus research employment and the geography of university vendor spending. Members use our reports for outreach to state and local elected officials, congressional delegations, trustees, regents and the public.

**Federal Funds to IRIS Universities Support Research-Related Expenditures Across the US (2014)**

This analysis of project clusters (lines) and people funded on the same projects (dots) on one campus, highlights the important of a few researchers (blue dots) spanning multiple projects.

**Products in Development**

IRIS collaborates with our members to develop new products of value. New reports will:

1. Describe the growth of businesses started by researchers on university awards,
2. Examine the vibrant small firm sector supported by academic research, and
3. Map campus and nationwide collaborations among researchers.

**Small Business Indicators**

*The small business sector is a cornerstone of our economy.*

In partnership with the U.S. Census Bureau and the Small Business Administration, IRIS is working to describe small business employment trajectories for research-funded staff and students, as well as the economic impact of vendor spending.

**Collaborations Report**

*Research is a team sport.*

IRIS is developing network analyses, as shown to the right, to help universities understand the working relationships among researchers from many fields and units.

We encourage you to provide ideas for new products to Jason Owen Smith, IRIS Executive Director (jdos@umich.edu).
IRIS Research

IRIS serves as an R&D lab for member institutions and the scientific community to study, explain, and improve the impact research has on our economy and society. Research findings will inform the development of new IRIS products.

Since 2015, IRIS affiliated investigators have received over $15 million in peer-reviewed funding to build a scientific basis for understanding the social and economic value of research.

Funders include the National Science Foundation, the Small Business Administration, the United States Department of Agriculture, the National Center for Science and Engineering Statistics, and the U.S. Census Bureau. These research projects examine:

- Food Safety and Security,
- Scientific Workforce,
- Entrepreneurial and Innovative Finance,
- Non-Profit Sector Research and Employment, and
- Career and Scientific Outcomes for students and trainees

IRIS University Researcher Community

IRIS looks forward to expanding the number of campus researchers working with IRIS data. We will soon be launching a secure remote-accessible computing environment for IRIS data products.

Researchers at the following institutions are working on these projects:

- Georgia Institute of Technology
- Ohio State University
- National Bureau of Economic Research
- New York University
- Pennsylvania State University
- University of Illinois
- University of Iowa
- University of Maryland
- University of Michigan
- University of Wisconsin
- University of Cincinnati
- University of Colorado, Boulder
- University of Hawaii
- University of Illinois-Urbana Champaign
- University of Iowa
- University of Kansas
- University of Michigan
- University of Missouri
- University of Pennsylvania
- University of Pittsburgh
- University of Virginia
- University of Wisconsin-Madison

Membership Update

As of April 2016, IRIS has 24 university members. These universities receive around $15 billion in yearly federal research funding, nearly 23% of the national total, and train over 11,000 doctoral recipients a year.

IRIS Research Highlighted in Science


This research was termed “groundbreaking” by the Times Higher Education (above) and featured in the Washington Post, Vox, Inside Higher Ed, and more than a dozen other publications.

Key findings include:

- Almost 40% of supported doctorate recipients both federally and nonfederally funded, entered industry
- They were much more likely to get jobs at large and high-wage establishments in high-tech and professional service industries than the rest of the U.S. workforce