



Strengthening
University-Industry
Partnerships

UIDP Update



Christine Dixon Thiesing, UT Austin
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Organizational FACTS



- Membership is institutional
- Fiscal Year is July 1 – June 30
- Started in Dec. 2006 – originally convened by National Academies
- Graduated in July 2015 to an independent 501(c)3

UIDP BOARD OF DIRECTORS



Wendi Yajnik, Novartis
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Grace Wang, The Ohio State University
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Immediate Past Chair

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Pfizer



Nerissa Draeger
Lam Research



Sophia Herbert-Peterson
Georgia Tech



Kathy Lynch
Yale University

University Directors



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UIDP SENIOR FELLOWS



Sandra Brown



Todd Cleland



Jilda Garton



Anna-Marie Greenaway



Randy Hall



Karl Koster

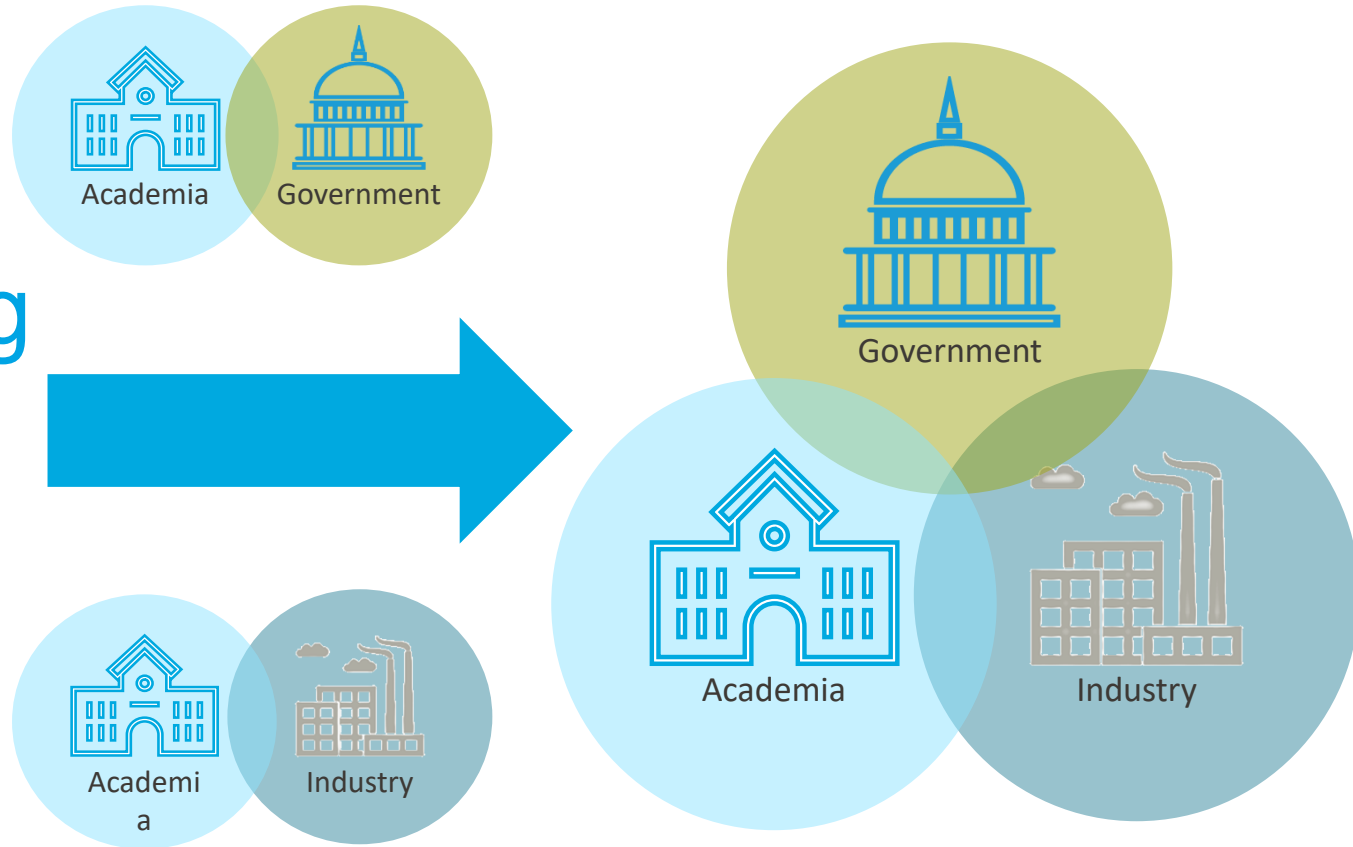


Jim Spohrer



Strengthening
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A changing research landscape



6,930 member representatives from **204 MEMBER ORGANIZATIONS**



U.S.
Universities

53%



Non-U.S.
Universities

6%



Industry

37%



Other
Research
Institutions

4%

COMMUNITY PARTNERS

CANNONDESIGN



ELSEVIER



Elsevier and Boeing remain longstanding Leadership Circle members.

UIDP FY22 Project Overview

Contracting

2

Partnership Management
& Research Administration

4

Government Engagement
& Economic Development

2

Workforce Development &
Student Engagement

2

Contracting



Intellectual Property Quick
Guide

Precompetitive IP &
Consortia

Partnership Mgmt
& Research Admin



Avenues for Engagement:
Ways that Companies
Invest in Universities

High Impact Industry Days

Insights for Researchers
Learning Path

Virtual U-I Visits

Government
Engmt & Econ Dev



Government Funding for
U-I Collaborations

Government Engagement
Workshop Report .

Workforce Dev &
Student Engmt



Career Center E-Magazine

Industry Postdoc
Programs

ACCESS PROJECT RESOURCES



Login at uidp.org

Select Topic areas of interest

Filter by **Published Project Materials**

Click on videos, publications, and more



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BRIEF SURVEYS AND REPORTS



UIDP Projects Survey: Size of Academic R&D Investments from Industry

Oct. to Nov. 2021 | n=20

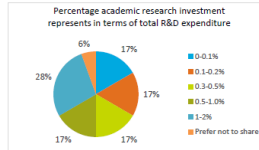
Companies with a keen interest in collaborative research have limited information upon which to base investment levels in external R&D efforts. Although government investment in research is well documented, similar investment from industry is not fully known. UIDP is exploring a benchmarking project to better understand the levers used to determine investment in university-industry research. To inform the project, we asked industry member representatives to offer information about their company's investment in university sponsored research. Respondents were forthcoming about how much they spent on sponsored research and offered important context pertaining to their overall research expenditure.

The survey was in the field for one week and received responses from 20 UIDP member companies across a range of sectors. The largest proportion of respondents were from the tech sector (40%), followed by the chemical sector (20%). Other sectors represented were information, manufacturing, healthcare, food/consumer products, energy, agriculture, and aerospace. Company size was calibrated by number of employees worldwide; 35% of responding companies (the largest proportion) employ more than 100,000, and the next largest segment (30%) employ 50,000-100,000, indicating that a majority of respondents represent very large organizations. However, 10% of respondents were in companies with between 5,000 and 10,000 employees.

In terms of total R&D expenditure, companies by and large spend less than 2% of total research investment in university-sponsored research. Less than one-third of respondents (28%) invest between 1% and 2% on research with university partners, and not a single respondent said they spent more than 2%. It is also worth noting that 0% of respondents preferred not to share this information.

We asked respondents about their annual global expenditure in academic research programs. In dollars, the majority of respondents (60%) spent more than \$5 million annually on university sponsored research. Of those spending the highest amount, a majority (65%) were also among the companies with the most employees (more than 50,000). However, company size does not necessarily correlate with the largest university research expenditures, as 35% of respondents came from companies with between 5,000 and 50,000 employees.

Informal, non-scientific survey of UIDP members. UIDP work product for member use only. Do not distribute or reproduce in any manner.



Less than \$1M	10%
\$1M-\$2M	10%
\$2M-\$3M	10%
\$3M-\$4M	5%
\$4M-\$5M	5%
\$5M+	60%

- Based on topics of interest to UIDP members.
- Most take about 1 minute to complete
- See them in the UIDP Resource Center

*Do you have an idea for a UIDP 1-minute survey?
Email us at info@uidp.net.*

Engineering Research Visioning Alliance (ERVA) Report & Executive Summary

Distilled from visioning event
convening 100 researchers across
engineering and related disciplines

Download at
<https://bit.ly/ERVAClimateReport>

The logo for the NSF Engineering Research Visioning Alliance (ERVA). It features the lowercase letters 'erVa' in a sans-serif font, with the 'V' in blue and the other letters in grey. A thin blue horizontal line is positioned below the letters.

NSF Engineering Research
Visioning Alliance

The cover image of the report. It features a person sitting in a futuristic, curved, metallic-looking structure, looking out over a cityscape. The person is silhouetted against the bright sky. The structure is composed of several overlapping, curved bands. The background shows a city with green trees in the foreground and a blue sky with light clouds. A dark blue rectangular box is overlaid on the right side of the image, containing the title and subtitle in white text.

The Role of
Engineering
to Address
Climate Change

Visioning Event Report

EVENTS





UIDP
virtual 2022

December 6 - 8, 2022



REGISTRATION IS OPEN! <https://bit.ly/UIDPVirtual2022>



HBCU engage

Partnerships to Expand
Research Capabilities

Nashville, TN

April 18-19, 2023

HBCUengage.org

REGISTRATION IS OPEN! <https://bit.ly/HBCUEngage2023>

The background of the entire image is a night-time photograph of the Nashville skyline, featuring the prominent AT&T Building with its illuminated spires. The city lights are visible against a dark blue sky.

UIDP
nashville 2023

April 19-20, 2023
Nashville, TN



REGISTRATION IS OPEN! <https://bit.ly/UIDP-Nashville>

Upcoming in-person **REGIONALS**

London Meeting
UCL, IDEALondon | October 11, 2022



RTP Regional Assembly
NC State University | Oct. 27, 2022



Learn more at uidp.org

Upcoming in-person **REGIONALS**

Caltech Regional
Jan. 17, 2023



Bay Area Forum
January 19, 2023



In the area? Save the dates!

Your organization in the spotlight:

HOST A UIDP EVENT

- Showcase your institution and programs
- Forge new partnerships
- Expand your reach

Want to learn more?
Email info@uidp.net.



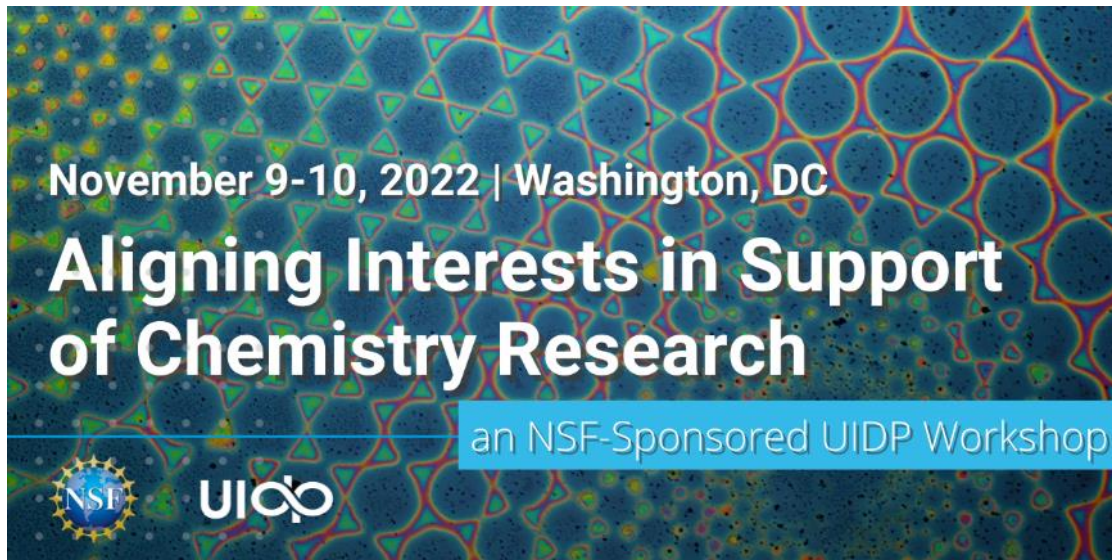
Strengthening
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Upcoming in-person

NSF-SPONSORED WORKSHOP

Active researchers in the chemical sciences interested in new approaches for R&D co-investment between government, university, and industry.



Interested in participating?
Email info@uidp.net.



November 9-10, 2022 | Washington, DC

Aligning Interests in Support of Chemistry Research

an NSF-Sponsored UIDP Workshop



Strengthening
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upcoming
WEBINAR

**Innovation in the Bioeconomy | Ecosystems & Society
Workshop Report Lessons Learned**

Tuesday, Sept. 20, 2022 | 11 a.m. - 12 p.m. ET



Şenay Ağca
George Washington
University



Holly Hapke
UC Irvine



Jane Zavisca
University of
Arizona



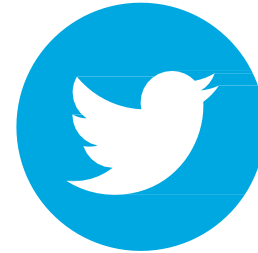
Register at uidp.net



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SOCIAL MEDIA



#UIDP
#collaboration
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