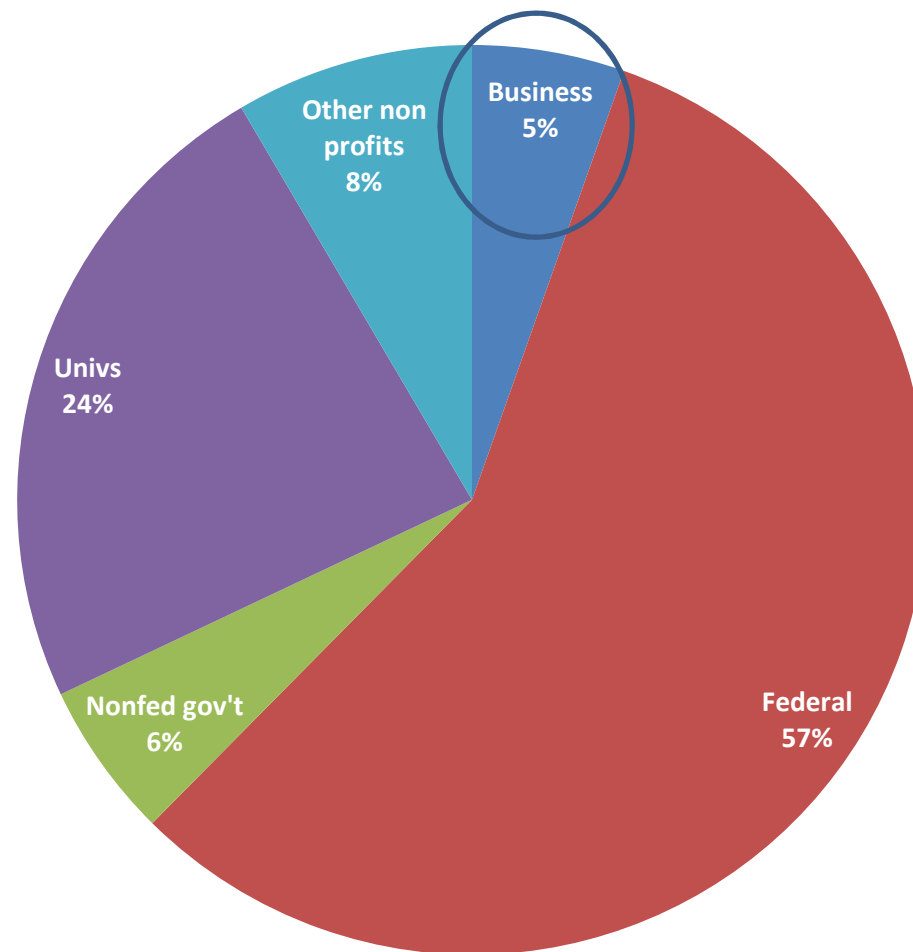


The UIDP

Contemporary University-Industry Matters

Importance of Industry R&D to Academia

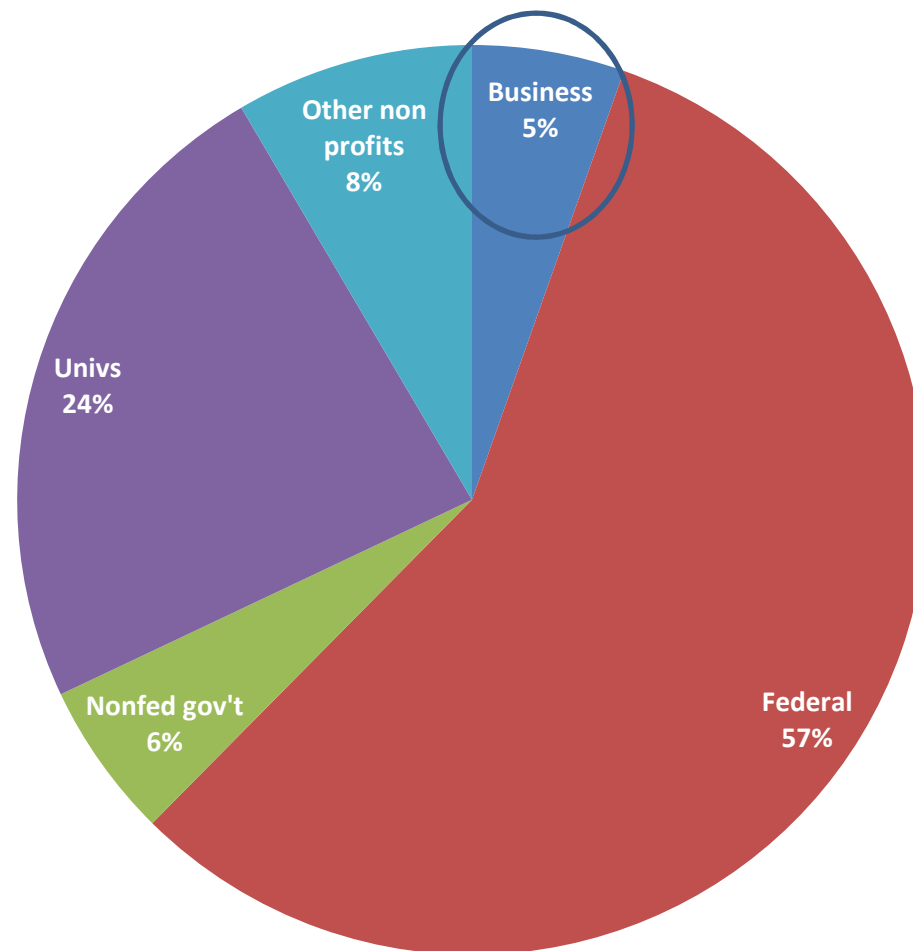
U.S. Academic R&D Expenditures, by Performing Sector, Source of Funds, and Type of Work: 2013



Source: NSF

Importance of Industry R&D to Academia

U.S. Academic R&D Expenditures, by Performing Sector, Source of Funds, and Type of Work: 2013



5-7% is the average

If you are below 5% you can move up

To get above 10% requires a strategy!

Source: NSF

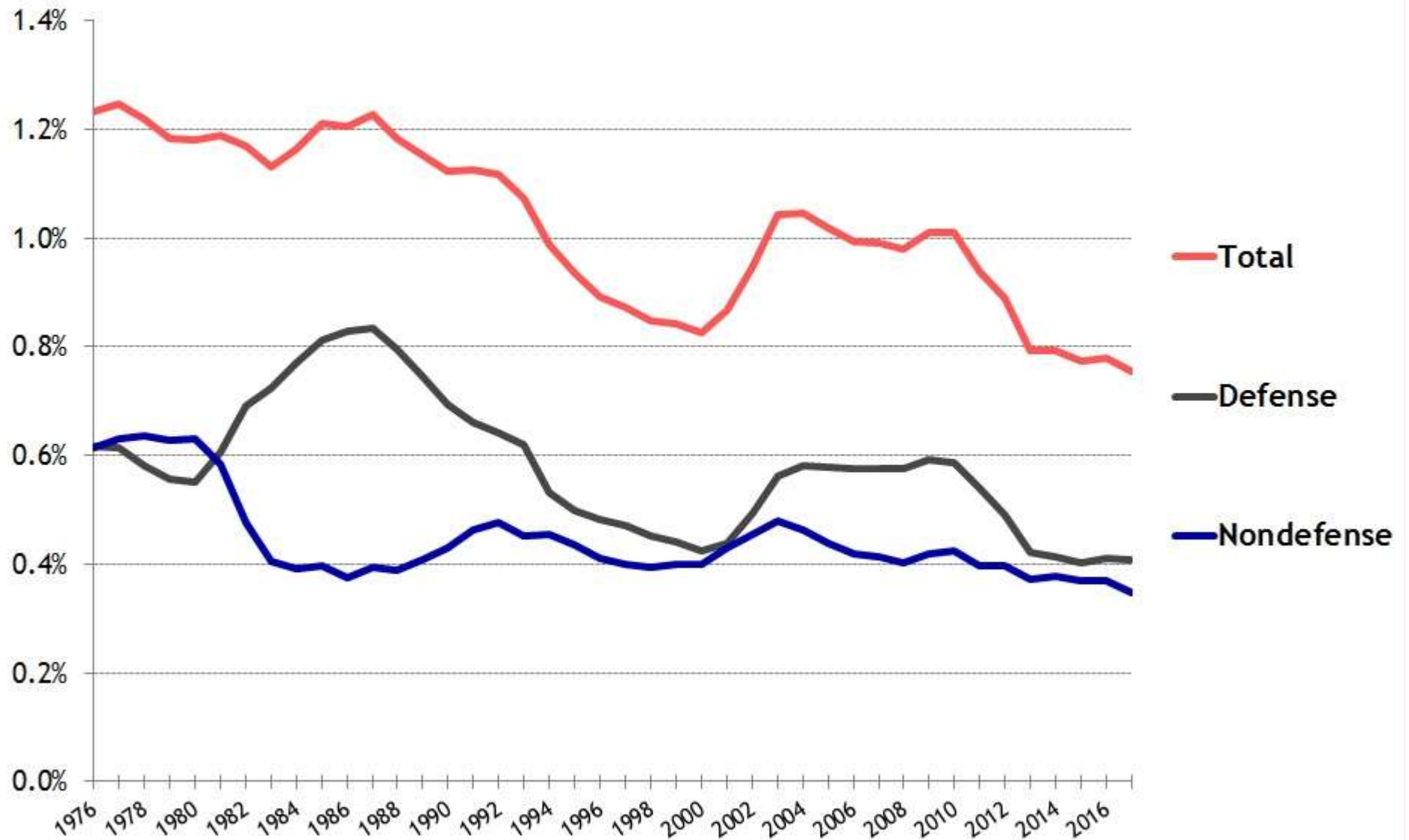
Government Support of R&D

1973 - 6.9% government
spending went to R&D

2017 - 3.4% government
spending went to R&D

Trends in Federal R&D

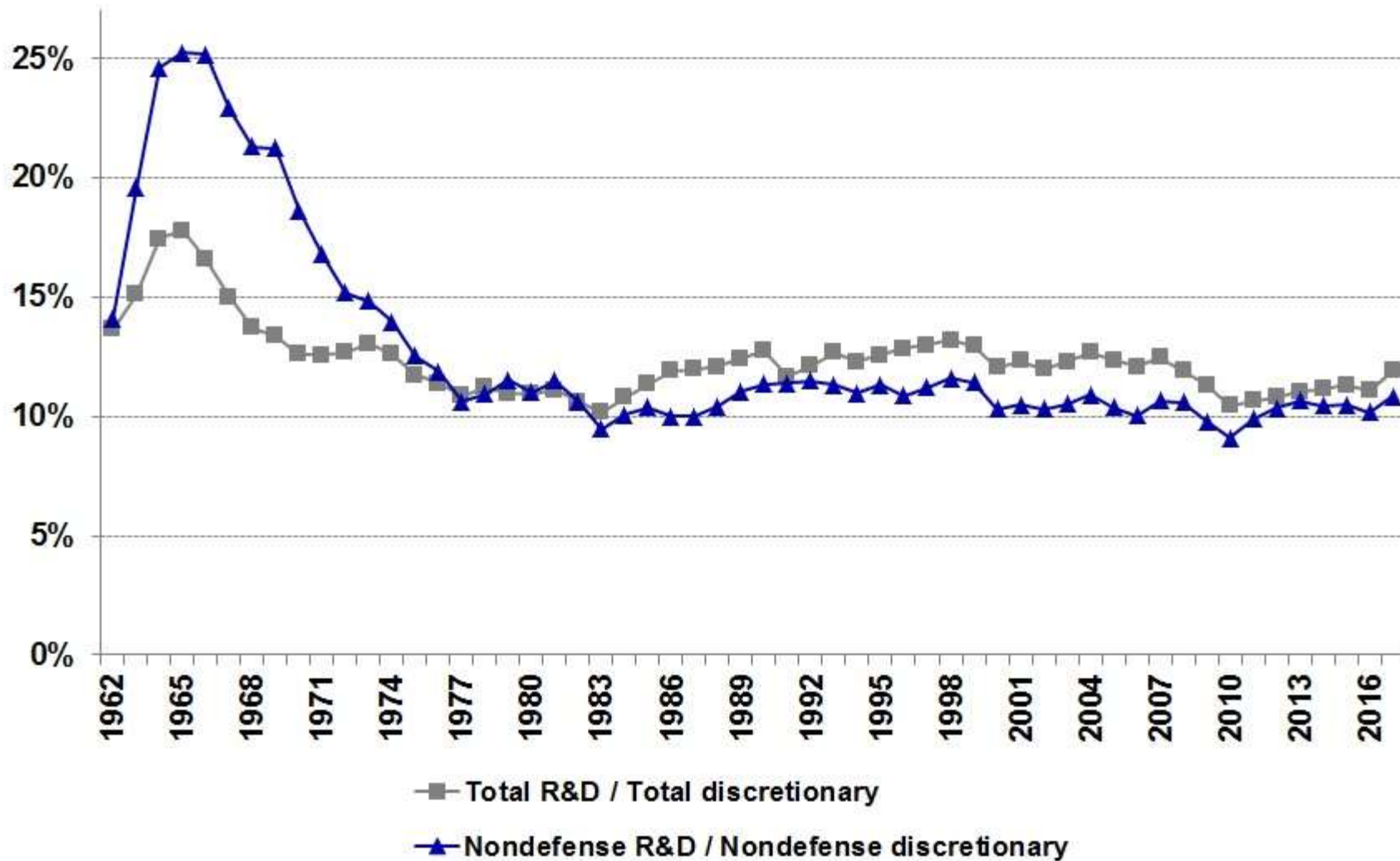
As a percent of GDP



Source: AAAS analyses of historical budget and agency data and the FY 2017 request. GDP figures from OMB. R&D includes conduct and facilities. © AAAS

R&D as Percent of Discretionary Spending

percentage of outlays, 1962 - 2017



Myth

Industry funding will replace federal government funding



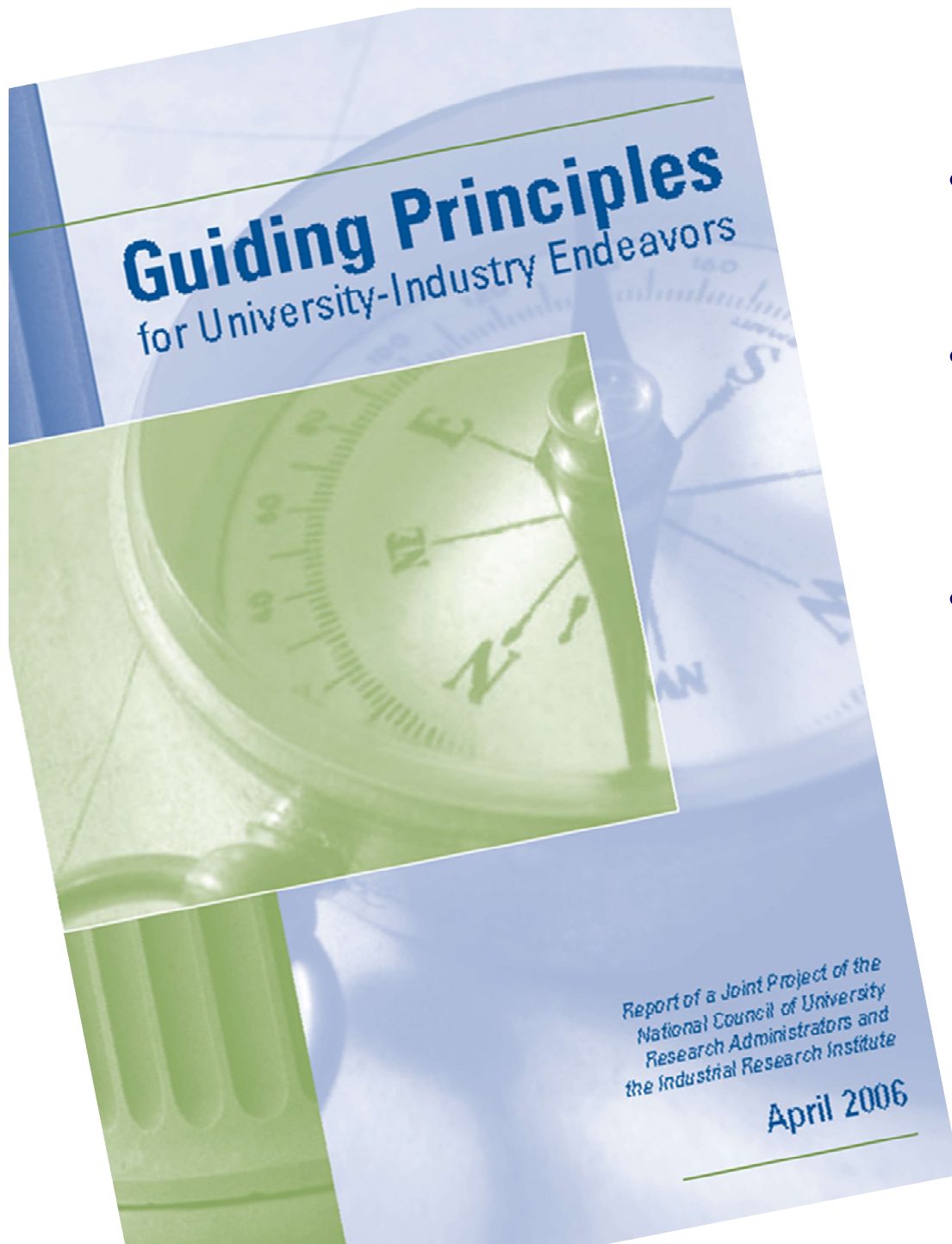
It will not.....

Growing importance

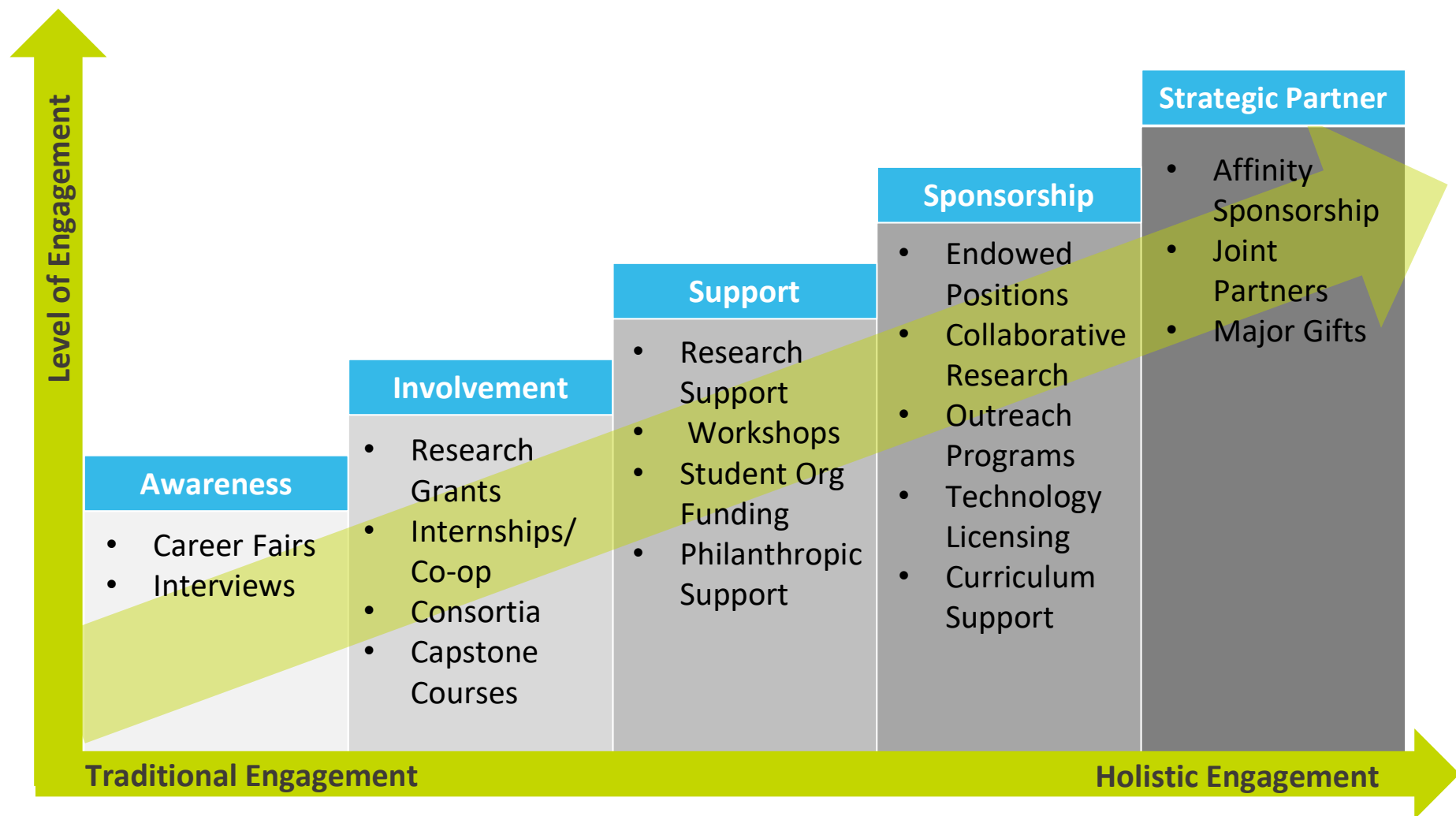
Industry engagement helps win large awards!



The UIDP



- Support the mission of each partner
- Focus on fostering appropriate, long term partnerships
- Seek to streamline negotiations to ensure timely conduct of the research and development of research findings



UIDP © 2017

University-Industry Relationship Continuum

UIDP © 2017



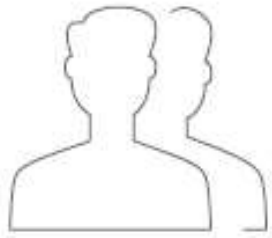
The UIDP is an incubator for advancing high-value, high-return University-Industry partnerships

UIDP Specifics

- Started in Dec 2006
- Originally convened by National Academies, now an independent 501(c)3
- Approximately 150 members
 - Industry sector leaders
 - Other research groups – AMCs, national labs
- 2 general meetings a year, 1 project summit
- UIDP Academy – educational offerings



- 2 university: 1 company
- Membership - institutional, not individual
- Member representatives' job titles or functions vary
- **Expand internationally** – Oxford, Queensland, Tokyo, and Toronto



who
BELONGS

Senior Research Officers/Deans

Research Compliance

Research Administration

IP, Legal, Contracting

Communications

University/Corporate Relations

Economic Development

Researchers



At UIDP, we foster personal relationships
that benefit collaborations

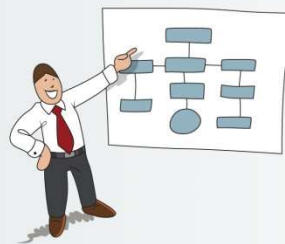
UIDP Projects

- An activity addressing a challenge or need affecting U-I collaboration
- Topics generated by input from practitioners seeking solutions
- Sanctioned event that has multi-member support and passes a litmus test
- Solutions created by larger set of interested parties
- Project products take many forms

Broad Categories

- Strategic Partnerships
- International Engagement
- Federal Engagement
- Workforce Development
- Contracting
- Compliance
- Operational (Partnership
How To)

OUR PROJECT PROCESS



STEP 01

Member identifies a shared problem or opportunity



Other members interested in leading the effort are identified (by member and/or with help of UIDP staff)



STEP 03

A working group is formed

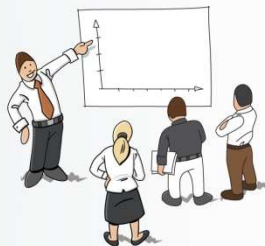


STEP 04

Members strategically select representatives from their organization who have vested interest and expertise in the subject matter

STEP 05

The group defines the project scope, timeline, work product, & dissemination strategies



STEP 06

Working group members draft and share (by email, on conference calls, or in person) materials for review in discussion



STEP 07

Working group presents work product for UIDP Project Committee review and approval

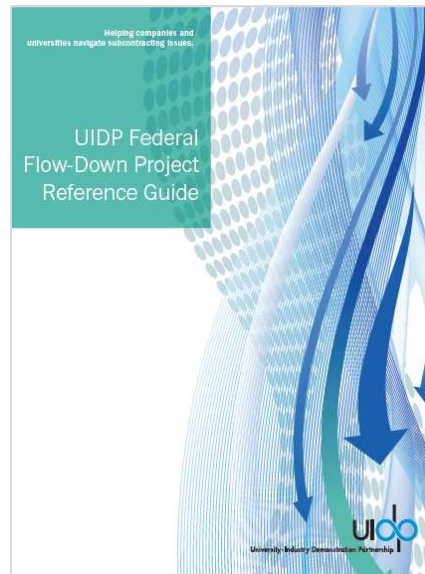
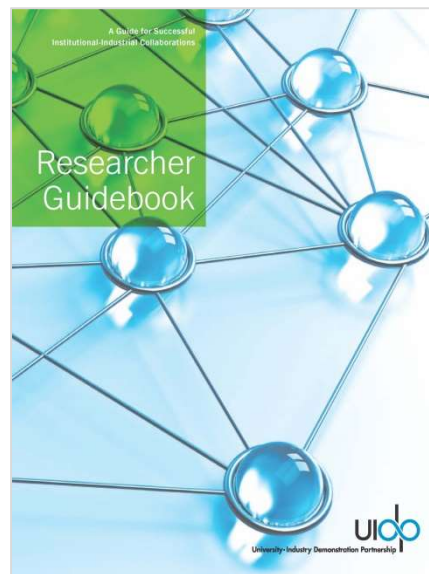


STEP 08

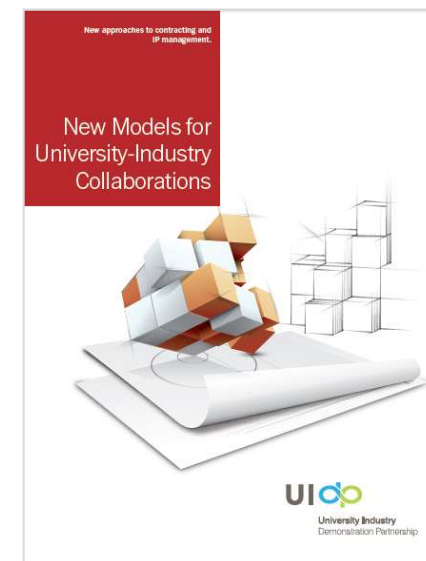
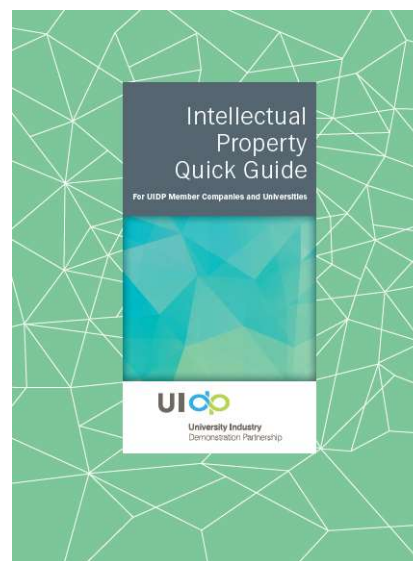
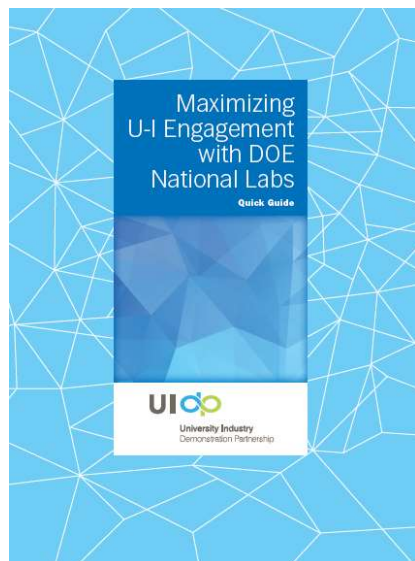
Work projects are disseminated to UIDP members for their use



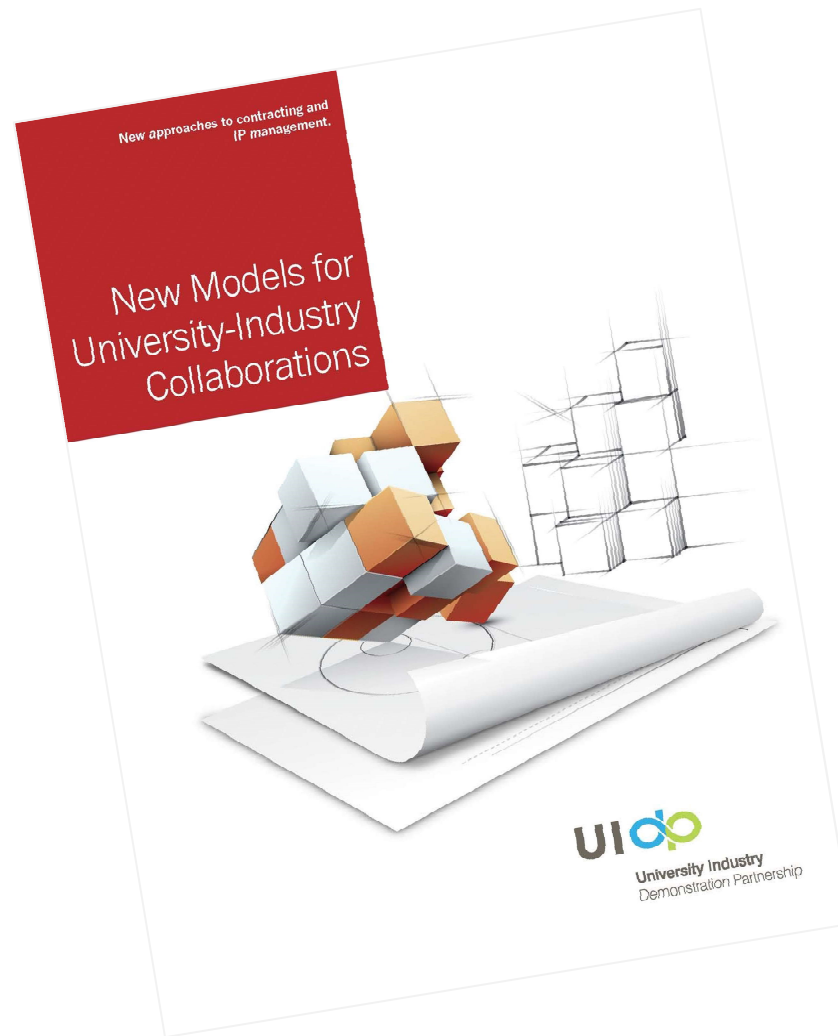
University Industry
Demonstration Partnership



A few examples of UIDP Products and Publications



New Contract Models



New Contract Models



Complete Resource List

UIDP Publications by Audience



Most UIDP content, like the publications listed below, is developed for exclusive use by UIDP member representatives. Anyone from a UIDP member organization can download the publications listed and access all other UIDP resources online at uidp.org/members. You must be registered to the site to access this password-protected

area (see the back page for how to register). Member reps can order print copies of UIDP publications by emailing info@uidp.net. We do make some UIDP resources available to the broader U-I community as a way to support the continued pursuit of effective, productive relationships at the U-I interface.

Primary Audience Secondary Audience

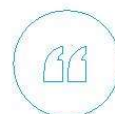
Publications – Members Only

	Sponsored Research Administration	Research Development/Corporate Relations	Lab Director/Department Chair/Dean/VP for Research	Researcher/Scientist
Co-locating University & Industry Researchers Quick Guide	Primary		Secondary	
Commodities Roundtable Workshop Report	Primary		Secondary	
Corporate RFP Quick Guide	Primary	Primary	Secondary	Secondary
Federal Flow-Down Reference Guide	Primary			
IP Quick Guide	Secondary	Primary	Primary	Primary
Master Research Agreements Guide	Primary	Secondary	Primary	Secondary
National Lab Quick Guide	Primary	Secondary	Secondary	
National Lab Workshop Report	Primary		Primary	
New Models for U-I Collaboration	Primary	Secondary	Primary	Primary
Partnership Continuum	Secondary	Primary	Primary	Primary
Researcher Collaborative Visits	Secondary		Primary	Primary
UIDP Perspectives: IP in U-I Relations	Secondary	Primary	Primary	Primary
UIDP Perspectives: Strategic U-I Partnerships		Primary	Primary	Primary
UIDP Perspectives: Cost & Value of Sponsored Research		Primary	Primary	Primary
UIDP Perspectives: University Business Advising			Primary	Primary
UIDP Perspectives: Why Work Together			Primary	Primary
UIDP Perspectives: Co-locating Researchers		Primary	Primary	Primary
UIDP21: Meeting Recap Report	Primary	Secondary	Primary	Primary
University Business Advising			Primary	Secondary

Primary Audience Secondary Audience

Publications – Public

	Sponsored Research Administration	Research Development/Corporate Relations	Lab Director/Department Chair/Dean/VP for Research	Researcher/Scientist
Accelerated Clinical Trial Agreement (ACTA)	Primary	Secondary	Secondary	Secondary
Case Studies in U-I Collaboration (Pre-2014)	Secondary	Primary	Primary	Primary
Catalyzing U-I Engagements Workshop Report			Primary	Primary
Comparing Internal Structures Guide	Primary	Primary	Primary	Secondary
Contract Accords	Primary	Secondary	Secondary	Secondary
Guiding Principles for University-Industry Endeavors	Primary	Primary	Primary	Secondary
Ideas to Innovation: Healthcare Resilience Workshop Summary			Primary	Primary
Ideas to Innovation: Service Innovation Workshop Summary			Primary	Primary
Living Studies in U-I Negotiations	Secondary	Primary	Primary	Secondary
Principled Partnerships Quick Guide	Secondary	Primary	Primary	Primary
Researcher Guidebook + Quick Guide		Secondary	Primary	Primary



Membership in the UIDP makes my job easier by providing me access to resources that help me solve difficult problems at my desk, day in and day out.

About THE UIDP

At the UIDP, we have different perspectives and one focus: improving university-industry (U-I) partnerships. The UIDP is a unique project-oriented forum where representatives from academia and industry seek opportunities to develop new approaches to working together. Our membership comprises some of the finest innovation companies and best research universities in the world: organizations committed to active participation in pursuit of excellence in U-I collaboration and partnership. At the UIDP, we don't just talk about problems, we solve them. www.uidp.org • info@uidp.net





University Industry
Demonstration Partnership

- Anyone from a UIDP member organization can register for a login
- Up-to-date project information
- Access to electronic copies of all UIDP resources
- Archived webinars & meeting materials
- Contact information for UIDP member representatives

UIDP Industry Member Survey



Contracting Forum – Hosted by ASU

ASU SkySong Facility Scottsdale, AZ November 13-14, 2017

- Introductory and advanced tracks
- AAU, COGR and Council on Competitiveness Partners- *Members can attend*



Contracting Forum Steering Committee

- Elizabeth Adams - UVa
- Carolyn Brougham – Northwestern
- Bill Catlett - UT
- Phil Clare - Oxford
- Carlos Encinas - ASU
- Linda Duffy - CMU
- Steve Harsy - Arizona
- Sophia Herbert-Peterson – Ga Tech
- Linda Learned - Illinois
- Paul Lowe - KSU
- Mike Ludwig - Chicago
- Sally O'Neil - Stanford
- Jennifer Ponting - Harvard
- Charles Adelshein – Varian
- Susan Capello – Intel
- Brea Hutchcraft-May – Monsanto
- Nafiz Karabudak – Lockheed Martin
- Mark Schmidt - Deere
- Charri Vorndran-Jones – Eli Lilly
- Lisa Weller - Boeing
- Wendi Yajnik – Sanofi
- Bob Hardy – COGR
- Toby Smith - AAU

Contracting Forum – Topics

- Differences in University Culture and Industry Business Interests and the Impact on Working Together
- Gift Agreements
- Toolkit Agreements To Accelerate Negotiations (i.e., Lambert)
- Tax Exempt Bonds
- New Contracting Models
- Building a budget for a project funded by industry
- Consortia - Different Arrangements and Sponsors
- Master Agreements

As well as breakout and track sessions

UIDP Illinois Contracting Study

- Four Schools
- Identify common set of data points
- Release results at Contracting Forum in November



University Industry
Demonstration Partnership



UIDP 25

Sept. 25 – 28

Wayne State University
Detroit, MI

Register now at uidp.org.



Discussion



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