Research at the University of Pittsburgh

Humanities, Arts, Social Sciences and Related Fields July 28th, 2023

> Shelome Gooden sgooden@pitt.edu Assistant Vice Chancellor for Research

Our Name: Pitt Research

Because "The Office of the Senior Vice Chancellor for Research" is too long...

Our Website: research.pitt.edu



Dive Into Pitt's Annual

In FY 2021-22, Pitt surpassed \$1 billion in research expenditures for external awards. That puts us

15th in an elite group of American universities. Learn more about research that seeks to expand human understanding, improve health, spur innovation, and stimulate solutions to the greatest

Report of Research

needs of society

Read the report =

Managing International Research and Engagement

"International pursuits and collaborations are the oxygen for the University of Pittsburgh's vibrant and rich academic environment"

- Chancellor Patrick Gallagher

The University of Pittsburgh is committed to supporting the global impact of its faculty, staff, and students. And so it is important to understand the current geopolitical environment and how our federal partners are responding to new



Heat map of Pitt collaborations world-wide, as measured by co-authored publications. Colors trend from blue to red to indicate more collaborations.

global threats to U.S. economic and national security, especially those that affect our academic environment. Pitt offers multiple, effective resources to guide and protect faculty who may have international engagements.



Goal

Showcase and help you identify the services PittResearch and other units at Pitt offer that support your success as a faculty member.

Institutionally Financed Research

Why do we do this?

Reputation

Honorific awards "create role models, highlight the values of a society."¹

The overwhelming majority of scholarly awards recognize research accomplishments: Guggenheim, Carnegie Fellows, Nobel, Fields Medal, NASEM or AAA&S membership, etc.

Pitt Research

USNews Ho

How Global Universities Were Ranked

RANKING INDICATOR	WEIGH.
Global research reputation	12.5%
Regional research reputation	12.5%
Publications	10%
Books	2.5%
Conferences	2.5%
Normalized citation impact	10%
Total citations	7.5%
Number of publications that are among the 10% most cited	12.5%
Percentage of total publications that are among the 10% most cited	109

¹Frey, B. S., & Neckermann, S. (2009). Awards: A disregarded source of motivation. Perspectives in Moral Science, pp. 177–182. https://core.ac.uk/download/pdf/6327542.pdf

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Institutionally Financed Research

Why do we do this?

- Reputation
- Incentives

Expectations

- Non-profits **must** invest surpluses in mission.
- Ours is teaching, research, and service.
- Pitt's endowment: #22

Pitt Research

Harvard University	1	1	\$41,894,380,000 * (2.4%)
Yale University	2	2	\$31,201,686,000 * (2.9%)
S Stanford University	3	3	\$28.948,111,000 1 (4.5%)
Princeton University	4	4	\$25,944,283,000 1 .3%)
Massachusetts Institute of Technology	5	5	\$18.381.518,000 * (5.4%)
≭ University of Pennsylvania	6	6	\$14,877,363,000 1 (1.6%)
O University of Notre Dame	7	7	\$12,319,422,000 * (6.5%)
Columbia University in the City of New York	8	8	\$11.257.021.000 1 (2.8%)
Emory University	9	9	\$9,169,027,771 1 (6.3%)
Washington University in St Louis	10 🕈	12	\$8,489,294,000 * (4.4%)
Northwestern University	11	11	\$8,484,706,000 * (2.9%)
Duke University	12 🔸	10	\$8,474,071,000
University of Chicago	13	13	\$7,199,520,706
⊻ Vanderbilt University	14 🛧	17	\$6,917,370,802 1 (10,3%)
© Comell University	15 🔸	14	\$6,882,707,803
U Johns Hopkins	16	16	\$6,750.092.000

Foundation Mark Total Assets Foundation Name \$50,996 BILL & MELINDA GATES...

21,015 LILLY ENDOWMENT INC.

17,828 FORD FOUNDATION...

13,293 WILLIAM & FLORA HEWL..

13,226 ROBERT WOOD JOHNSON ... 9,043 DAVID AND LUCILE PAC...

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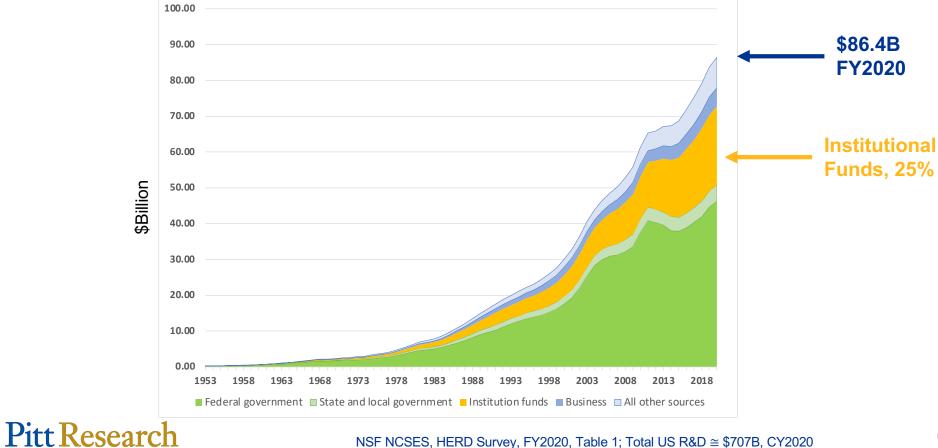
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7,118 ROCKEFELLER FOUNDATI... 6,704 WALTON FAMILY FOUNDA...

Higher Education R&D spending



6

SPONSORED RESEARCH



Pitt Researchers Pass \$1 Billion Mark in Expenditures

Over the past five years, sponsored project expenditures have consistently increased. In Fiscal Year 2022, Pitt surpassed a landmark of \$1 billion, putting Pitt in an elite national cohort of research peers. This achievement represents not the money awarded to researchers but the actual funds spent on research activities. Despite the disruptions to daily life and global supply chains caused by the COVID-19 pandemic, our researchers consistently achieved productivity.

Timeframe: FY18-FY22 Source: University of Pittsburgh Office of the Chief Financial Officer (CFO)



Timeframe: Fiscal Year 2021 and Fiscal Year 2022, except for Expenditures, which are only FY22

FY22

Sources: University of Pittsburgh Office of Sponsored Programs for proposals, awards and sponsors; Office of the CFO for expenditures data

Stages of the Research Lifecycle



PittResearch Overview

• Who we are, what we do • Our strategic priorities





SVC Research



Pitt Research

Chief of Staff



Business Units

Office of Research Office of Innovation & Computing Entrepreneurship





Protections





Strategy & Infrastructure

Science Policy & **Research Strategy**

-O and

STEM – Health

Sciences

Cooper

STEM - Research & Research Infrastructure

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Arts, Humanities,

600

Social Sciences, Profs





Operations



Administration



Comms



Data



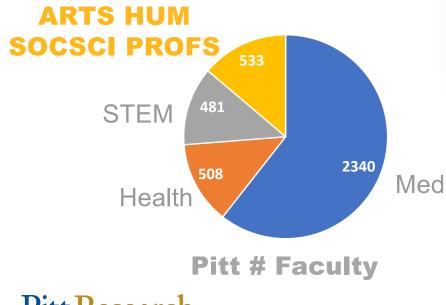
Budget & Finance



10

Humanities Arts Social Sciences and Related Fields

- A broad range of areas
- Different research needs







Social Work, Social Sciences



Arts Education



Business

GSPIA

Law, Libraries

Opportunities at Research Intersections

• Leadership to focus on opportunities at intersections of Pitt's strengths, disciplines, organizational units



Prof. Shelome Gooden Asst Vice Chancellor for Research in Arts, Humanities, Social Sciences and Related Professional Fields



Prof. Rory Cooper Asst Vice Chancellor for Research for STEM – Health Sciences Collaborations

PittResearch: A closer look

• What we do



• Our strategic priorities



Pitt Research: Focus Priorities

- 1. Team science
- 2. Policy ecosystem
- 3. Startups & industry partnering
- 4. Foreign influence
- 5. Outreach to Research at Key Intersections

Office of Research Protections

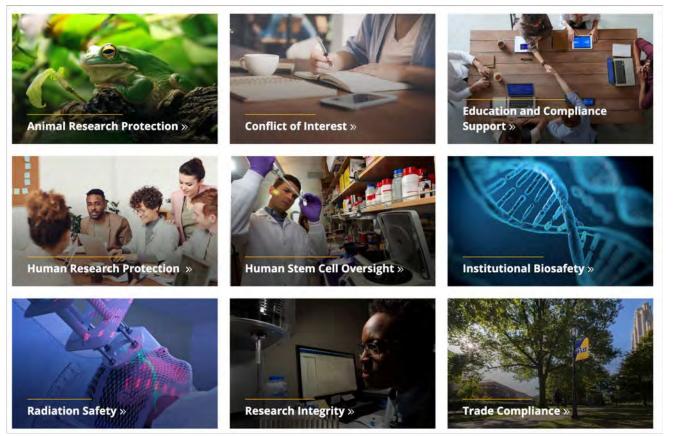


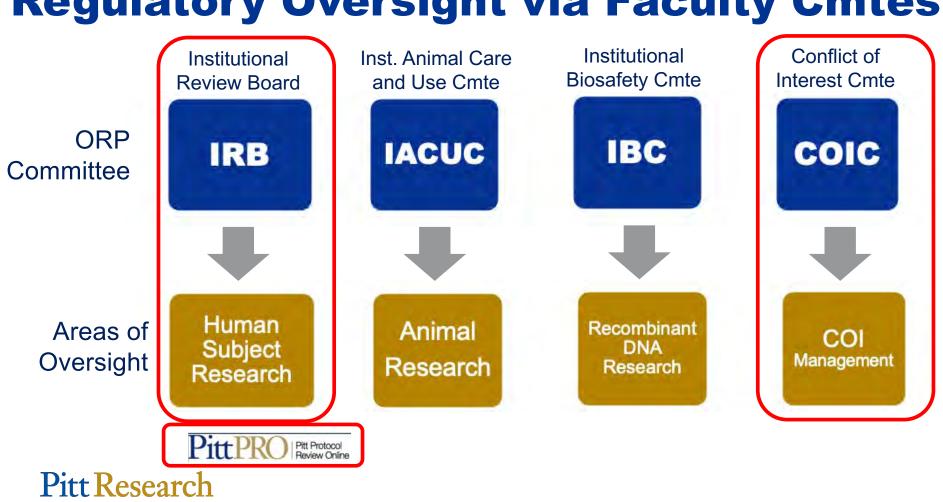


Bill Yates Vice Chancellor

- Assures Pitt research conduct is ethical & legal
- Reviews research proposals (protocols) to assure compliance with all relevant federal and state laws
- Assures investigators are trained for research conduct
- **Inspects/audits** labs & studies for standards compliance

Office of Research Protections: Units





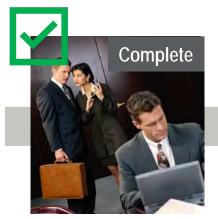
Regulatory Oversight via Faculty Cmtes

Manage Conflict of Interest Disclosure



- Prior to 2020: **Paper** COI form; wet signature; not searchable
- New in 2020: Unified web disclosure solution Pitt+UPMC
- COI Mgt Today: Completed 2nd disclosure season (99+% compliant!)

Pitt Policy Ecosystem Updates



Conflict of Interest (COI)



Intellectual Property (IP)



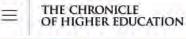
Outside Activities (Consulting)



Licensing Human Subject Samples/Data

Foreign Influence: Finding New Normal

Sept 2020:





https://www.chronicle.com/article/u-s-turns-up-heat-on-collegesforeign-ties-that-may-chill-partnerships-for-years

Pitt Research

April 2021: POLITICO

EDUCATION

Universities fight scrutiny of foreign funding in Senate China bill

Under the initial bipartisan proposals, universities would face national security reviews of some of their foreign transactions.



AP Photo/J. Scott Applewhite

https://www.politico.com/news/2021/05/27/ universities-foreign-funding-china-491239

Trade Compliance: Export Control

- Export laws that regulate the shipment, transfer or disclosure of controlled items, technical data and software to foreign countries or to foreign persons and entities within the U.S.
- U.S. export controls aim at protecting the national security, economic interests and foreign policy of the United States.
- Export Control Act (July 5th 1940)

Physical Export



Technical Data Transfer



Software Export



Examples of Export Controlled Items



Voice and video recorders



Computers



Software source code

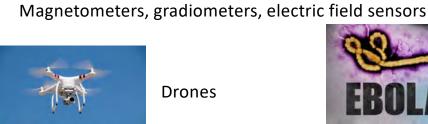


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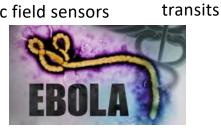


Mobile phones

Pitt Research



Drones



Biological pathogens & toxins



Office of Sponsored Programs





Jennifer Woodward Vice Chancellor

- Curates & share opportunities for awards and honors across campus
- **Manages** pre-award: contracts and grants, federal, industry, and gov't; fee-for-service
- Reviews proposals for compliance, submits on behalf of Pitt
 - Sponsor guidelines & University policies
 - Budget details (correct rates, caps, etc.)
 - Approvals from external collaborators
 - Restricted Party Screening
- **Negotiates** contract terms & conditions, IP, etc. for all new awards

OSP Review Functions

New federal compliance changes

• Other Support, foreign engagements, data/network security

• Issues of "completeness", including:

- Review against sponsor guidelines, University policies
- Budget review (correct rates, caps, etc.); budget matches justification
- Ensure all attachments are allowable (eg: NIH disallows appendices)
- Restricted Party Screening, as applicable
- Appropriate approvals & documentation from external collaborators
- Internal compliance checks (ex: RBL approval before proposal submit)
- Terms & Conditions (Ts&Cs) that must be accepted at time of proposal



National Support Ecosystem

US Federal





National Science Foundation

NATIONAL ENDOWMENT FOR THE HUMANITIES

Philanthropic

BILL & MELINDA GATES foundation THE ANDREW W. MELLON FOUNDATION



Pitt Research





Howari Vira I.



The Heinz Endowments

Howard Heinz Endowment Vira I. Heinz Endowment

Why Pursue External R&D Funds

Personal resources

- Salary (summer, sabbatical)
- Teaching buy-outs
- Travel, event organization

Research resources

- Staff grads, undergrads
- Staff IT, stats, data collect
- Data at scale large surveys
- Human subject participants
- Field work
- Increase opportunity for **collaboration**

Pitt Research

• How it works

- You write a proposal
- We (Sponsored Programs) submits it, on behalf of Pitt
- You get the direct costs (to fund you, students, stuff)
- Your School/Dean get Indirects ("overhead") – maybe you too
- ...very relevant in new ReSTART budget model

Prestigious Faculty Awards

- Fact: Pitt faculty under-awarded for prestigious honors
- Data: Pitt ranks near bottom of AAU schools for #awards

Key gaps

- Award awareness and strategy
- Award tactics and execution



How do you find out about these funding opportunities?

Pitt Research: Discovery & Coaching

Office of Sponsored Programs



Research Development Team

Responsible for

- strategically advancing the University's research goals,
- communicating research opportunities,
- enhancing research collaboration and team science.





Tobias Rodriguez

Assistant Director for Research Development ter57@pit.edu

Group Consultation bookings

TBD

Research Development Funding Specialist

Individual Consultation bookings

Curate **funding opportunities:** from **30K+** sources, weekly

Manage **Prestigious Awards** databases and training

Offer award workshops, coaching, proposal review



Weekly Funding Updates by Discipline

We have several areas

of our disciplinary focus highlighted in RFPs

We send these to research faculty in relevant Schools

Pitt Research

University of Pittsburgh

Pitt Research Research Development Office of Sponsored Programs



March 30 Limited Submission Announcements

Some sponsors choose to place a restriction on the total number of nominees/applications submitted per institution, school and/or discipline. When this limitation is stipulated in their program guidelines, an internal review and selection process is necessary to select the best-qualified candidate(s)/proposal(s) to represent the University.

The Office of the Senior Vice Chancellor for Research is responsible for selecting and endorsing candidates to limited submission opportunities. Faculty interested in learning more about limited submission opportunities are to visit InfoReady Review.

Please review additional details about the University of Pittsburgh limited submission process, related FAQ, and a comprehensive listing of limited submission deadlines via the Office of Sponsored Programs' Limited Submission resources.

Tips & Tricks

The Office of Sponsored Programs website has a page dedicated to Frequently Asked Questions (FAQs) surrounding the Limited Submissions process. Follow the link to learn more.

NEH Infrastructure and Capacity Building Challenge Grants: Capital Projects

This program supports the purchase, design, construction, restoration, or renovation of buildings or sites of national, historical, architectural, or cultural significance and facilities that house humanities collections or are used for humanities activities. Capital Projects support the purchase, design, construction, restoration, or renovation of facilities for humanities activities.

Pitt Deadline: Apr. 4, 2023 Funder Deadline: May 17, 2023

Finding Funding: Tweets



@PittGrantsDev

- Seven weekly newsletter tweets
- Ongoing funder retweets
- Curated for eligibility
- Special program releases
- Limited submission announcements
- Event registrations

Pivot: Funding Opportunity Database

Submission type Deadline EDITORIAL INTEGRICH Top funding types 1 530 Results Social Justice Paper Prize 14 feb 2021 Funding opportunit Program or Curriculum 146 Social Justice Paper Prize 14 feb 2021 Funding opportunit Program or Curriculum 166 Social Justice Paper Prize 10 Mat 2021 Funding opportunit Program or Curriculum 166 Social Justice Paper Prize 10 Mat 2021 Funding opportunit Program or Curriculum 166 The Leibel and Nomi Fein, Rabbi Richard J. Israel, and JayE. 10 Mat 2021 Social Justice Fund Top sponsor types Ortin Social Justice Fund 21 Sep 2020 2 Mater Memoral Institute Pro-Applicator Dool Mater Social Currier 2 2 Professorial Society o 16 Social Justice Fund 21 Sep 2020 2 AJ Mate Memoral Institute Pro-Applicator Dool Matter Society Vox Populi ("Voice of the People") Annual 01 An 2021 Autorial Government, N 15 Stetson Kennedy Vox Populi ("Voice of the People") Annual 01 Anz 2021 Autorial Government, N 16 Grants Confirmed 2 Naporti: 176 Grants Confirmed Secial Justice Proper (NUP) Artiopadd	
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Social Sciences: 63 Ben & Jerry's Foundation Proposals	
Community or Outreach 66 Amopted	

- 30K+ funding opportunities
- All disciplines, career stages
- Weekly search results
- Prioritized alerts
- Account required
- Subscription service
- Workshops
- <u>https://www.osp.pitt.edu/external-funding-</u> <u>resources</u>

Competition Space: Internal Applications

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Funding Opportunities at the University of Pittsburgh		Limited Su	bmissions	
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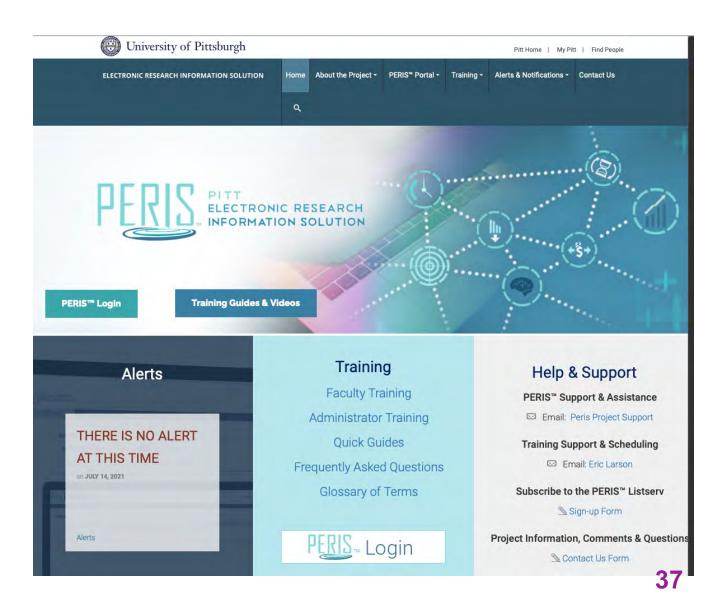
Pitt Research

Limited Submission opportunities

- Funder restricts number of applications
- Early stage "lite" version of project
- Pitt Research endorses institutional applicant
- <u>https://www.osp.pitt.edu/limited-submissions-process</u>
- Internal Funding Mechanisms
 - Pitt Research Momentum Funds (fall)
 - Chancellor Pitt Seed Projects (spring)
 - New programs annually
 - <u>https://www.osp.pitt.edu/internal-funding-opportunities</u>
- Log in via MyPitt.edu to apply

PERIS: a Pre-award IT System

Submit new proposals & manage them



Pitt Research NAVIGATOR

Your Connection to Research Resources

pittresearchnavigator@pitt.edu



Get Started > research.pitt.edu/pitt-research-navigator

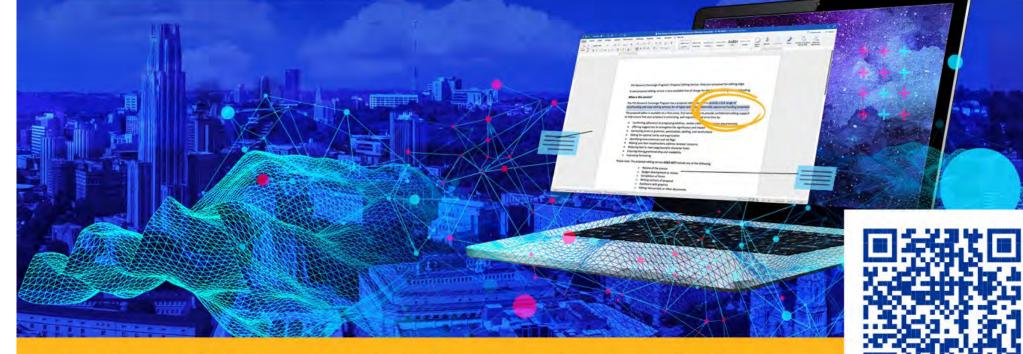


Pitt Research

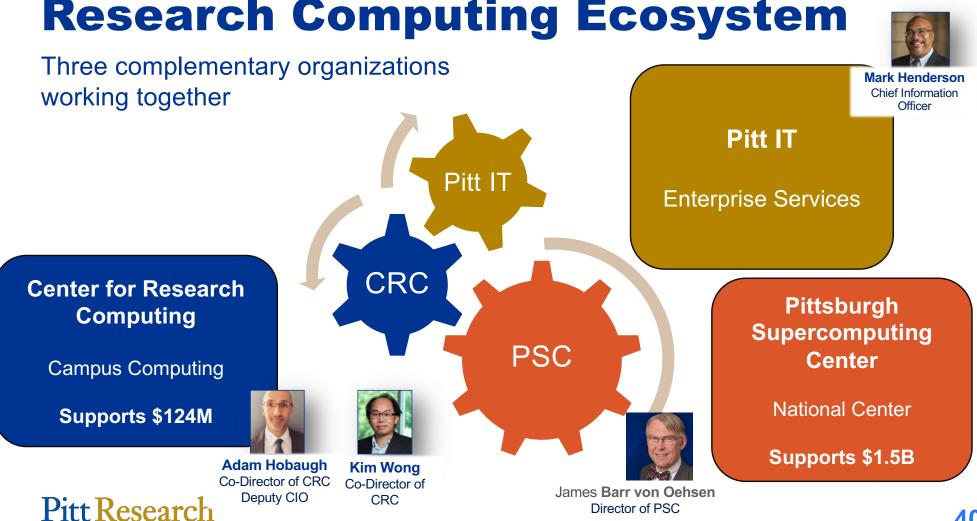
PROPOSAL EDITING SERVICE

Give Your Proposal the Editing Edge

pittresearchproposaleditor@pitt.edu



Get Started > osp.pitt.edu/pittresearchproposalediting



Research Computing Ecosystem

40

Office of Research Computing





James Barr von Oehsen Vice Chancellor PSC Director

Pitt Research

- Provides advanced computing platforms to Pitt researchers
- Expert advising on technical, science applications
- Computing & storage solutions
- **Broad**: Hardware, software, services; on-premise platforms, cloud platforms

If it's too big for your laptop, it's big data!

CRC Mission

- To increase the research productivity of all Pitt faculty through advanced computing
- Free access to cutting-edge computer hardware and software and hosting services for enabling transformative research and teaching.
 - Request an account: <u>https://crc.pitt.edu/apply</u>
 - Each faculty member is automatically eligible for 10,000 computing hours (or service units) on CRC computer clusters.

CRC Mission cont.

Free training workshops and lectures

• Topics include: Effective Computing Cluster Usage, Deep Learning with Pytorch, Intro to Python, Intro to Pandas, Intro to R, and Advanced R.

Extended personalized consultation

- Consultants are available 9am to 5pm. 312 Schenley Place 4420 Bayard Street
- Contact the team using Help Tickets at <u>crc.pitt.edu/UserSupport</u> or call 412-648-3094.

 Support for research in fields across the university community

Lots of Computing Resources

- On-premise & remote cloud
- Computing & storage
- Especially for AI apps
- You just need to ask...

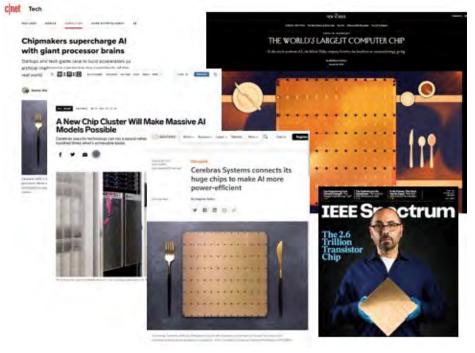
PittCRC WPSC

Resource	CRC	PSC
General CPU Cores	10K+	72K+
GPU & AI Cores	640K+	1.7M+
Data Storage	3PB	15PB
Research Supported	\$124M	\$1.4B

Pitt Research

Ex: Cerabras AI machine.

• Most schools have 0; we have 2



44

Office of Innov & Entrepreneurship





Evan Facher Vice Chancellor

- Manages intellectual property (IP): patents, copyrights, trademarks, licensing
- Supports **innovation pipeline**: students, faculty, startups, incubation
- Manages new Chancellor's Gap Fund for startups
- Manages industry partnering and economic development
- Supports small business services

3. Startups & Industry Partnering

Pitt ranks top #15 in US R&D funding*

- Pitt receives around **1.5%** of total federal R&D to universities
- Strong overall performance

Pitt does not hit top 50 rank in industry funding

- Ranked #57 in 2019 NSF HERD survey
- Not a strong overall performance

* Data source: 2019 US NSF Higher Ed Research and Development (HERD) Survey Pitt Research

Office of Industry & Econ Partnerships



PARTNER WITH PITT

The Office of Industry and Economic Partnerships (OIEP) aligns Pitt's vast research capabilities and world-class expertise with the needs of industry, creating mutually beneficial partnerships that advance important science, solve industry-relevant R&D challenges, and provide channels for the commercialization of new technologies of high value and societal impact. We also partner with economic development organizations to grow opportunities for employment and regional investment.

Pitt Research



Joe Havrilla, Assoc. VC 37 years in health industry 30+ patents → \$1.5B revenue Previous job:

SVP & Global Head of BizDev. & Licensing for **Bayer Pharma**

PittResearch: Focus Priorities

- 1. Team science
- 2. Policy ecosystem
- 3. Startups & industry partnering
- 4. Foreign influence
- 5. Outreach to Research at Key Intersections

Fed R&D Funding Pivoting to *Teams*

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Science Contents - News - Careers - Journals -

The Increasing Dominance of Teams in Production of Knowledge

Stefan Wuchty^{1,*}, Benjamin F. Jones^{2,*}, Brian Uzzl^{1,2,*,†}

+l* These authors contributed equally to this work. + See all authors and affiliations

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Figures & Data Info & Metrics

Abstract

Article

MAAAS

We have used 19.9 million papers over 5 decades and 2.1 million patents to demonstrate that teams increasingly dominate solo authors in the production of knowledge. Research is increasingly done in teams across nearly all fields. Teams typically produce more frequently cited research than individuals do, and this advantage has been increasing over time. Teams now also produce the exceptionally high-impact research, even where that distinction was once the domain of solo authors. These results are detailed for sciences and engineering, social sciences, arts and humanities, and patents, suggesting that the process of knowledge creation has fundamentally changed.

DOI: 10.1126/science.1136099

eLetters

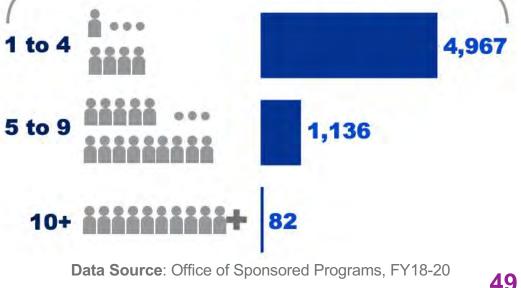
PDF

Pitt Research

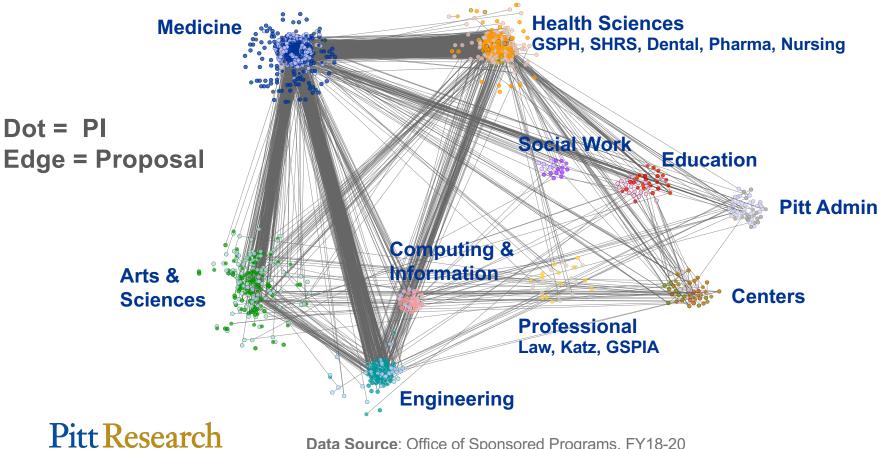
Team Size vs #Proposals @ PITT

Collaborations matter

Especially for large \$\$



Tracking Pitt Award/Collab Network



Data Source: Office of Sponsored Programs, FY18-20

Pitt Research: Team Science Investment

Big Proposal Bootcamp

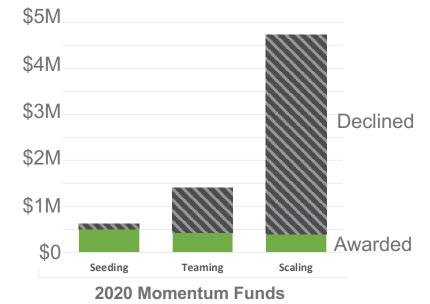
- Train faculty how to effectively to "go big"
- Team building and corporate partners
- Evaluating and mentoring for large scale



Pitt Research

• Pitt Momentum Funds

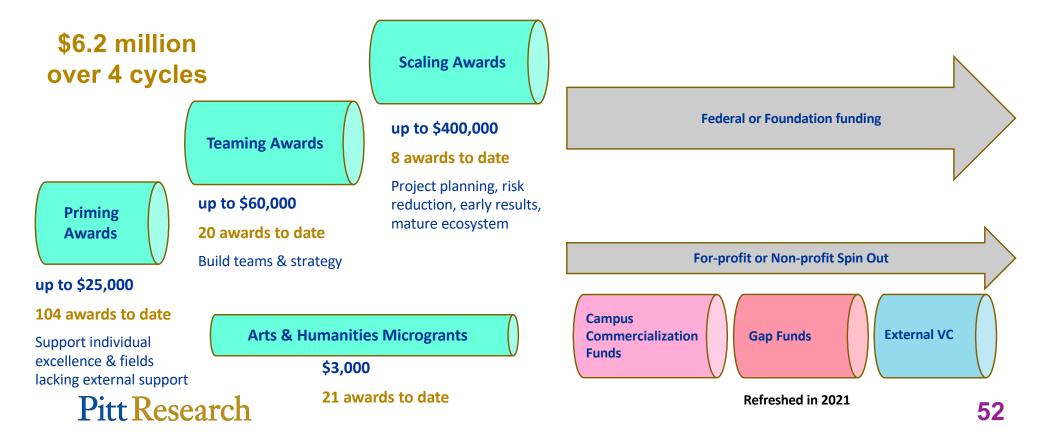
• First strategic ramp of investment, seed, to team, to large center



Awarded vs. Declined (\$M)

51

Pitt Momentum Funds: Part of an Ecosystem of Support



Pitt Momentum Funds

- Arts & Humanities Microgrants: smaller-scale projects for faculty (individual or teams) in the arts and humanities. (\$3K 1-year awards, Fall & Spring);
- **Priming Grants** support significant and innovative scholarship by individual or groups of faculty at all ranks
 - Up to \$16,000 for one year, with \$2K supplement for undergraduate research participation
 - Four tracks: Creative arts & Humanities; Engineering, Natural sciences & Math; Health & life; Social sciences, which includes Business, Policy, Law, Education, Informatics, and Social Work
- **Teaming Grants** support the planning and capacity-building stages for multidisciplinary team project to successfully pursue large-scale external funding.
 - Up to \$60,000 for one year
- Scaling Grants support the detailed project planning, gathering of proof-of-concept results, and reducing technical risk so that teams can competitively pursue large, complex, extramural funding.
 - Up to \$400,000 for two years

Eligibility

- Current Pitt faculty with an appointment that includes research responsibilities
- Teams comprised of faculty representing 3
 different schools
- New and nascent collaborations

- **Microgrants** -- expanding the pool of monies available to Arts & Humanities Faculty for internal funding
- not a substitute for the priming grants

• Arts & Humanities faculty can also apply for other level grants.

 a resource to support existing or work in progress or to test new concepts where a smaller grant with fast decision making could be transformative.

• We envision a wide range of supported research activities

- Application and review process will be simpler
 - IMP: Expression of interest does not apply!

Thanks!





Pitt Researchers Meet COVID with Resiliency

Senior Vice Chancellor for Research Rob A. Rutenbar reflects on the last 12 months of the pandemic and offers some perspective to Pitt researchers. For more details on current research operations and the status of risk postures at Pitt, visit the COVID-19 Research Operations page.

Additional Resources

ULS Scholarly Communication & Publishing Services



 Open Access: Understand Open Access (OA) publishing options and find OA journals



 Article Processing Charges: Obtain up to \$3000 of funding yearly for applicable articles



 <u>Share Research</u>: Use our D-Scholarship@Pitt institutional repository to share articles, conference materials, datasets, and more



 <u>Copyright</u>: Navigate publishing contracts, author rights, and licensing



 <u>Scholarly Profile</u>: Learn how to use Elements, ORCID, and other profiles to share your research



 <u>Publishing</u>: Discover our Pitt Open Library Publishing journal catalog



 <u>Go Open</u>: Make your journal Open Access with our publishing program and hosting services



 <u>Theses and Dissertations</u>: Get assistance with Electronic Theses and Dissertations (ETD) requirements, formatting, copyright, and support.

oscp@mail.pitt.edu





Data Services



 Write a data management or sharing plan



Comply with data sharing policies



• Organize & describe your research data or files



 Identify appropriate data repositories





- Create effective data visualizations
- Locate existing datasets for reuse



 Preserve your data/files for long-term access

Statistical Consulting

- Center for Statistics: • services include - design, data summarization, analysis, and interpretation of results. Researchers from various disciplines.
- CTSI Biostatistics. Epidemiology, and Research Design (BERD) Core statistical and study design consultations and researchfocused training through workshops and individual meetings.

STATISTICAL CONSULTING POSVAR HALL Are you... Z ✓ writing a thesis or a dissertation ✓ working on a research project FOR WESLEY W. ✓ preparing a proposal and need help with statistics? 1809 ENTER STATISTICAL CONSULTANTS ARE AVAILABLE FOR ASSISTANCE () Email for an appointment! statcon@pitt.edu http://www.stat.pitt.edu/resources/statistics-consulting-cente

THERE IS NO CHARGE CURRENTLY FOR THIS SERVICE



Team & Contact Info



Writing Support Services

- **Dietrich School:** Writing Institute: Grant writing support available
- Dana Nowlin-Russell consults with faculty on grant proposals. Also teaches a grant writing class English Department
- <u>https://www.writinginstitute.pitt.edu/</u>

Pitt's University Library System offers Services for Your Research Data

Working with data & code

programmatic tools like Python and R

data visualization for exploratory analysis or publication

geospatial data (GIS) and mapping

computational text analysis

Managing your data & code

data management plans for grant proposals

version control using Git and GitHub

documentation for longterm reusability

Sharing for Open Science

finding the right repository for your data

using D-Scholarship, Pitt's institutional repository

preparing your project for sharing

Finding and reusing data & code

finding needed packages or open datasets

making sense of others' code and documentation

understanding data and code licensing

Book a consultation or inquire about workshops at <u>https://library.pitt.edu/ask-us</u>

Library System

ULS Research Services

Resources include planning, design and implementation, discovery, data management, impact, publishing support and archiving:

- •Identify potential collaborators
- •<u>Learn about copyrights</u>
- Request digitized material
- •Start the electronic theses and dissertation process
- Access geographic information systems
- Access metadata support
- Follow open access publishing
- Schedule a research consultation
- Access text mining and analysis
- •Conduct literature search and review with the help of library specialist
- Manage your information sources
- Establish research reporting guidelines

Connect with ORP

- Jumpstart your research
- Custom onboarding for new investigators to discuss regulatory requirements (sign up here)
- Workshops (see flyer)

- General questions and training.
 <u>Fill out Form</u>
- IRB specific questions
 <u>askirb@pitt.edu</u>

Other Areas Intersecting with Export Controls

- International Travel
 - What are you taking?
 - Where are you going?
 - With whom are you collaborating?
 - Use Concur <u>https://pext.pitt.edu/concur/</u>
- International Shipments



- https://www.pts.pitt.edu/mailing-services/mail/express-mail
- Academic Visitors
 - See <u>www.visitor.pitt.edu</u>
- Procurement
 - Items values over \$10,000
 - https://cfo.pitt.edu/pexpress/purchases/exports intnlsxns.php Procurement







Pitt Research

Research, Ethics & Society Initiative & Research Ethics Consultation Service

- Modeled on hospital Clinical Ethics Consultation Services
 - Consult with researchers on research design & conduct
- Consultative, not regulatory
- Complements
 - HRPO/IRB, IACUC, HSCRO ...
 - CTSI, CITI

RESI Resources

The Research, Ethics and Society Initiative (RESI) gathers and creates resources for scholars and researchers. These include guidance documents, in-depth discussions of ethical issues, and information about research ethics forums. Suggestions of additional resources may be made to: RESI@pitt.edu



Communication about Research »

Communicating about research to people outside a specific field or outside academia requires commitment, resources, and practice. Learn about Pitt's resources for communicating about research.



Courses and Curriculum Development *

Pitt offers opportunities to learn about research ethics issues in courses, lecture series, workshops and discussion groups. Moreover, the RESI is participating in the development of curricular offerings and extracurricular activities in multiple schools.



Guidance and Regulation >

There is a wealth of guidance published to aid in research design and conduct. Some are binding regulations; others are advisory.

Bookshelf >



The RESI Bookshelf provides links to key books and articles on research ethics.

Thanks!

ABOUT



Pitt Research



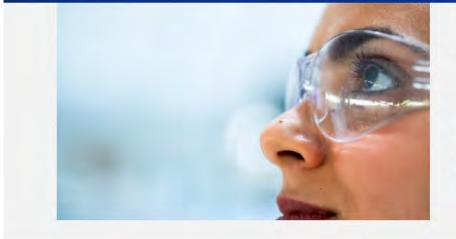
CURRENT OPERATIONAL POSTURE: GUARDED RISK: BRADFORD, GREENSBURG, JOHNSTOWN, PITTSBURGH AND TITUSVILLE

RESEARCH OFFICES INTERNATIONAL ENGAGEMENT

PEOPLE NEWS

FOR PITT RESEARCHERS

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Pitt Researchers Meet COVID with Resiliency

EVENTS

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