

PURDUE UNIVERSITY

College of Agriculture

Agricultural Faculty Meeting Minutes

November 30, 2022

Purdue Zoom (<https://purdue-edu.zoom.us/j/97105744480?pwd=NUtjcUV6MjJBVXJsa25QNmdYbXZGOT09>)

Attendance – 25 in person

19 online

Presiding – Dean Karen Plaut

Call to Order

Dean Karen Plaut called the meeting to order at 3:08 PM.

Change in the order of the agenda—item #3 IUPUI Liaisons (realignment) will now be item #6 to allow for Provost Jay Akridge and Carrie Berger, Executive Director for Academic Affairs, to be able to attend the meeting.

Approval of Agenda

Christian Krupke introduced a motion to approve the modified agenda. Nathan Mosier seconded the motion. The agenda was approved by unanimous consent.

Consent Agenda – Action Items

Items on the consent agenda were considered. Dean Plaut asked if anyone wished to remove any item from the consent agenda for additional discussion. No items were removed. Sean Rotar moved to approve. Christian Krupke seconded the motion and the consent agenda was unanimously approved.

Memorial Resolutions

None.

Report Items

University Senate Report – Neil Knobloch

Neil recognized the current Faculty Senators. He also went over the Senate's charge and stated that if individuals wanted their voice heard, the Senate is your vehicle. Neil also discussed the Faculty Senate structure and College of Agriculture (CoA) representatives. He went over how to stay current on Senate activities and how to livestream Senate Meetings. Neil covered what students at Purdue say about Freedom of Speech—we are giving students the opportunity to express themselves. He added that we can also improve in this area.

Resolutions Passed

- SD22-05 Endorsement of the Authorship of Scholarly Works Standard

- SD 22-08 Addressing the Negative Impact of Indiana Senate Bill 1 on Purdue Students, Staff, and Faculty—Neil stated that regardless of your position on abortion, there are 6 recommendations.
- SD22-09 Reapportionment of the University Senate—12 CoA Senators for 2023-24.
- SD22-11 University Senate Commendation for Jay Akridge in Recognition of His Distinguished Service to the Community
- SD22-14 Resolution Calling for the Maintenance of a Bureau of Motor Vehicles License Branch in West Lafayette

See report that is appended to these minutes.

Dean’s Report – Dean Karen Plaut

Dean Plaut began by highlighting the change from President Mitch Daniels to President Mung Chiang which will be effective January 1, 2023. She then shared recent rankings. The CoA is ranked #4 in the United States and #8 in the world according to the QS rankings!!! Clint Chapple was named to National Academy of Science; Gebisa Ejeta was named a Presidential Fellow; Ashley York was recognized by the National Academic Advising Association as an Outstanding Advisor; and Linda Lee was recognized as a Distinguished Professor. Karen then recognized new faculty hires and new department heads. She provided an overview of the 2022-23 faculty searches. The CoA has near-record enrollment with 2,823 undergraduate and 689 graduate students; and it was another record year for research awards.

Dean Plaut then discussed the goal of continuing to move forward in the area of Inclusive Excellence. Specifically, the Diversity, Equity, and Inclusion category in Success Factors was worth 0% in 2022, but will be worth a certain percentage in 2023. Karen highlighted some of the opportunities Pam Morris and the Office of Multicultural Programs will be providing during Martin Luther King Jr. week.

Dean Plaut went on to highlight Teaching Excellence, updates to the Office of Academic Programs, Study Abroad/IPIA, Ag Research & Graduate Education, and Purdue Extension.

Dean Plaut ended her report by talking about Purdue’s Next Moves—building new greenhouses; a \$35 million grant to Purdue to advance digital forestry; and the Center for Food Demand Analysis & Sustainability. She asked Jayson Lusk to discuss people’s views about gas prices correlating with food prices. Purdue’s Digital Innovation in Agri-Food Systems Lab (DIAL) has exciting opportunities, and is going out and asking the people what problem(s) need solved.

Dean Plaut’s presentation is included in the document that is appended to these minutes.

Purdue University in Indianapolis – Provost Jay Akridge and Carrie Berger, Executive Director for Academic Affairs

Provost Akridge began the presentation on IUPUI realignment by providing the memorandum of understanding between Purdue and Indiana University (IU). Both Purdue and IU had a presence in Indianapolis before 1971. Richard Lugar was mayor and wanted a university in Indianapolis. IU handles the administrative side for both Purdue and IU. In 2024, it will become Purdue University Indianapolis and Indiana University Indianapolis. Purdue University Indianapolis will not be a regional campus—it will be fully integrated into Purdue West Lafayette.

Jay then covered the vision...

- Fully integrated additional location
- Platform for collaboration

- Enhanced funding opportunities
- Joint research initiatives (IU does not have an engineering program, and Purdue does not have a medical school. Thus, a great opportunity for collaboration.)
- Urban campus experience delivered by an R1 University
- Diverse student opportunities

Jay highlighted Purdue Applied Research Institute (PARI) and envisioning the future for engineering and medicine. Carrie stated that we get to think about the future. Purdue wants to grow enrollment, and immerse Purdue into Indianapolis where Purdue's West Lafayette students can have Indianapolis internships. This is an opportunity to address work force needs and decrease brain drain. Purdue also wants to increase Indianapolis industry partnerships.

CoA faculty asked questions regarding getting involved, opportunities available, location, access, and the budget model. Jay and Carrie reiterated PARI, the plan to start with the collaboration between engineering and medicine. It's an urban campus, so there will be service-learning opportunities for students, as well as "study away," where a CoA student could take online classes through Purdue University Indianapolis and get experience in the city. Regarding the budget, Jay stated that as Purdue Indy grows, hopefully initiatives and budget will also grow.

Other Business

Stephen Cameron asked Dean Plaut, "When will Collaborative on Academic Careers in Higher Education (COACHE) results be released?"

Karen responded that Jason Henderson is leading CoA COACHE. He would be able to tell when the results will be released. Karen also suggested trying to see if one could get access to the results through the faculty links on the COACHE website.

Adjournment

Christian Krupke made a motion to adjourn the meeting. Neil Knobloch seconded the motion and it passed unanimously. The meeting was adjourned at 4:26 PM.

Next Meeting

The 2023 Spring Semester Agricultural Faculty meeting is scheduled for 3:00 PM on Thursday, March 23.

Respectfully Submitted,

Timothy P. Kerr
Secretary, Agricultural Faculty

University Senate Report

Agricultural Faculty Meeting

11.30.2022

Neil Knobloch

Senate's Charge

- The University Senate is the governing body of the faculty,
- subject to the authority of the Board of Trustees and in consultation with the President,
- it has the power and responsibility to propose or to adopt **policies, regulations and procedures**
- intended to achieve the **educational objectives** of Purdue University and the **general welfare** of those involved in these educational processes.

CoA Senators	Department	Years Remaining
Brian Dilkes Damon Lisch Steve Yaninek	Biochemistry Botany & Plant Pathology Entomology	3
Juan P. Sesmero Tony Vyn Yuan Yao Lori Hoagland	Agricultural Economics Agronomy Food Science Horticulture and Landscape Architecture	2
Abigail Engelberth Neil Knobloch Brian Richert Rod Williams	Agricultural and Biological Engineering Agricultural Sciences Education and Communication Animal Science Forestry and Natural Resources	1
Brad Kim	At-Large	2
Colleen Brady	Chair	1

Ways to Stay Current

purdue.edu/senate

Live Stream

- Chair's Remarks
- President's Remarks
- Questions and Administrative Responses
- Updates
 - IUPUI Realignment (Sept)
 - Benefits (Sept)
 - Equity Taskforce (Oct)
 - Athletic Affairs Committee (Oct)
 - Libraries Report & Open Access (Nov)

Website

- Newsletter
- Reports
- Resolutions

Opportunity to Get Involved

- Serve on a Faculty Committee
- Watch for call in January

Freedom of Speech Survey Results

	University	Ag	Educ.	Engin.	Exploratory Studies	HHS	Krannert	Liberal Arts	Pharmacy	Polytech	Science	Vet Med
Conservative	20%	35%	24%	18%	22%	21%	28%	13%	19%	23%	12%	35%
Moderate	29%	25%	29%	32%	32%	27%	30%	24%	31%	31%	26%	31%
Liberal	35%	27%	37%	36%	28%	40%	27%	47%	28%	26%	44%	19%
None of the above/Refused	16%	13%	10%	15%	18%	13%	15%	16%	22%	20%	18%	15%

- **Do well:** Giving students, regardless of their political views, an overall sense that they are free to express themselves & conveying to students that at Purdue, we value free speech
- **Improve:** Addressing the impression that students sharing left leaning ideas are more welcome to express themselves in the classroom & teaching students appropriate ways to respond to speech they do not like

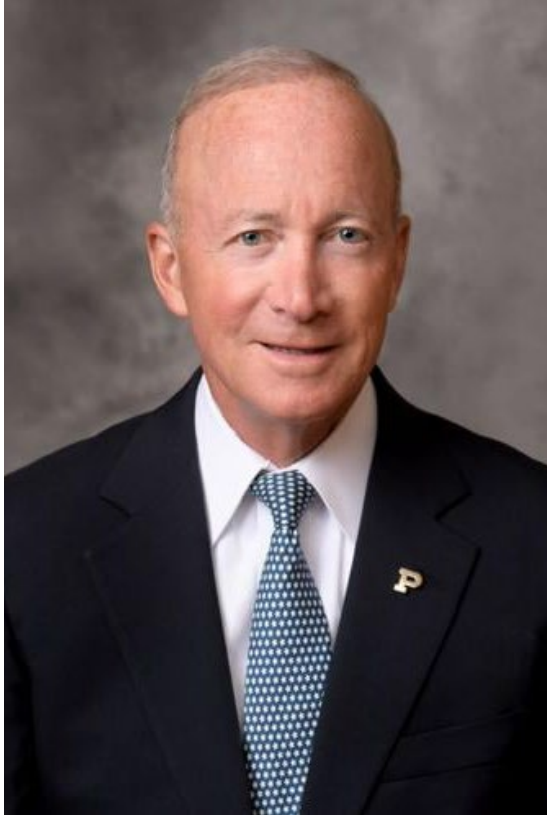
Resolutions Passed

- SD22-05 Endorsement of the Authorship of Scholarly Works Standard
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COLLEGE OF AGRICULTURE

November 30, 2022

Transitions



From Mitch Daniels



To Mung Chiang

- Born in China, Moved to Hong Kong
- Stanford: BS in Electrical Engineering/Math
- Stanford: MS, PhD in Electrical Engineering
- Princeton, 2004: Asst to Full Professor
- Purdue, 2017: Dean of Engineering
- Federal Gov, 2019 (1-year appt): S & T Advisor to Secretary of State
- Purdue, 2021: Executive VP for Strategic Initiatives and Dean
- Purdue, 2023: President of Purdue

“I grew up in multiple environments, including environments that could be described as economically harsh and I appreciate when society says that independent of your background, you have a shot at being educated.”
- Mung Chiang

The Future of Agriculture is NOW!



CELEBRATING

PURDUE AGRICULTURE

#4 IN THE U.S. | #8 IN THE WORLD

QS World University Rankings, 2022

Outstanding Faculty, Staff and Students in Agriculture



Clint Chapple
National Academy of
Science



Gebisa Ejeta
Presidential Fellow



Ashley York
National Academic
Advising Award



Clayton Hicks
Cordova Leadership in
Action Award

Outstanding Faculty in Agriculture

Research



Linda Lee
Distinguished
Professor

Teaching



Kolapo Ajuwon
2022 Ag Research
Award

Teaching



Liz Karcher
Charles B. Murphy
Award

Extension



Darcy Telenko
Faculty Engagement
Scholar Award

College of Agriculture Staff Awards



Jackie Boudreaux
2021 Leadership in
Action Award



Kara Hartman
2022 Outstanding
Leadership in
Globalization Award



Jeff Fields
2022 MaPSAC
Excellence Award

College of Agriculture Faculty 2022



Diego Cardoso
Environmental Policy
AGEC



Tom Cully
Dairy FarmMgmt
ANSC



Amanda Deering
Food Safety
FS



Morgan Furze
Plant Physiology
BPP



Celina Gómez
ControlledEnvAg
HLA



Valerie Kilders
Agribusiness Marketing
AGEC



Lee Miller
Turf DiseaseMgmt
BPP



Kurt Ristroph
Food and
Biomanufacturing
ABE



Yichao Rui
Agroecology
AGRY



Deandrae Smith
Food Processing
FS



Roland Wilhelm
Soil Microbiome
AGRY

College of Agriculture Department Heads



Jessica Gurevitch
Forestry & Natural
Resources
Starting early 2023



Catherine Hill
Entomology



Tesfaye Mengiste
Botany & Plant
Pathology



**Rama
Radhakrishna**
Agricultural
Sciences
Education &
Communication

Faculty Search ~~2022~~ 2023

- Precision Food Production Systems, ABE
- Boehlje Endowed Chair in Managerial Economics, AGECE
- Ag Trade and Macroeconomics, AGECE
- Agribusiness Management, AGECE
- Quantitative Methods, AGECE
- Global Sorghum Breeding, AGRY
- Precision Crop Management, AGRY
- Animal Behavior and Welfare, ANSC
- Biochemical Pathways/Metabolism, BCHM
- Weed Science, BPP
- Insect Diagnostician, ENTM (Professor of Practice)
- Translational Food Chemist, FS
- Landscape Architect, HLA (Professor of Practice)



Equity Task Force Cluster Hire Positions
Urban Soil Scientist, AGRY or HLA
Food Processing Technology, ABE, AGECE, FS
Antimicrobial Resistance, ANSC

College of Agriculture ~~By the~~ Numbers

- 2,823 Undergraduate Students
- 689 Graduate Students
- \$85.6 M in Research Awards
- International activities in more than 50 countries
- Extension directly reaches more than 500,000 people with in-person & online programming
- \$650,000 raised to support programs to recruit & retain URM students
- \$32.9 M raised by Development



Inclusive Excellence

Support for Success Program

- Supported by Farm Credit Mid-America for Undergraduates and Graduate Students
- 56 Students at Resume Workshop; 31 Students at LeaderShape Catalyst Retreat
- 20 Students Attended MANRRS Regional Conference

Staff and Faculty Programs

- Continued Monthly Education Opportunities in 2022
- Intercultural Development Inventory, Complete Dec. 2022
- **SAVE THE DATE: Dr. Martin Luther King Jr. Diversity Awareness Week – January 16-20, 2023**



Teaching Excellence Celebration

CONGRATS

2022-23 AWARD RECIPIENTS

Kohls Outstanding Undergraduate Teaching
LAURA BOWLING (AGRY)

Kohls Outstanding Early Career Teaching
KRYSTAL HANS (ENTM)

Outstanding Graduate Mentor and Teacher
NATALIA DUDAREVA (BCHM)

Outstanding Service to Students
JULIE PLUIMER (FNR)

Outstanding Teacher for Clinical Faculty & Lecturers
SHAWN EHLERS (ABE)

Pfendler Outstanding Undergraduate Counselor
MITCH TUINTRA (AGRY)

Taylor Excellence in Teaching Innovation
ELIZABETH FLAHERTY (FNR)

Office of Academic Programs

Fall Programs and Events

- Ice Cream Social, Hog Roast & Ag Olympics
- Career Fair– 1,036 students & 175 employers
- Transfer to Ag Day
- Learning from Leaders & Entrepreneurship Panel Programs
- 1st Gen Celebration Week Events
- Celebration of Teaching Excellence
- NRES 50th Anniversary Celebration
- Introducing Purdue, recruitment events, prospective student visits



Stephanie Martin
Academic
Programs Data
Analyst



**Mandy Chalk
Marquardt**
NRES Senior
Advisor



International Programs in Agriculture

Activities for 2022-23

- Study Abroad Recovering Well from COVID19
 - 7 programs during Spring 2022 with 125 students
 - NEW for Fall 2022: Study Abroad Community of Practice – Monthly Meetings for Faculty & Staff
- Washington Mandela Fellows Program– 3rd Cohort In-Person, Summer 2022
 - New cohort of 25 young African leaders next summer
- International Travel Grants for Faculty
 - Travel Jan. 1 – June 30, 2023; Submission due Dec. 15
- **SAVE THE DATE: Hardin Award & D. Woods Thomas Awards Ceremony – May 4, 2023**



Agricultural Research

Innovation and Entrepreneurship

- 24 New Startups from College in Last 5 Years
 - 4 of 9 new startups in FY2122 involved CoA faculty & staff
- Ag-Celerator Provides Startup Support for Purdue Innovators
 - 15 companies supported
 - Next pitches December 16
- 2021-2022 Record Year for Disclosures, Patent Applications & License/ Option Agreements by the College



COFFEE & CONVERSATION

THIS MONTH'S TOPIC


Food Processing and Manufacturing

featuring Dr. Dharmendra Mishra (FS)
Ben Paxson (FS), Allie Kingery (FS),
Dr. Martin Okos (ABE), and Dr. Rahim Rahimi (ME)

Begins with 3-5 minute talks by each presenter, followed by coffee and conversations with the presenters and attendees. Faculty, students and staff are invited.

Dec. 13 | 10:00-11:00
NLSN 1135

**COFFEE AND SNACKS
WILL BE PROVIDED**



Agricultural Research
and Graduate Education

Recent Research Grants over \$1 Million since March 2022



Remote Sensing to Predict Spotted Lanternfly Spread



Improving Cage Free Housing for Egg Laying



Exploring Ecology of Organic Cropping Systems



Improving Economic Conditions of Farmers in Peru

New Sustainable Ag Systems (SAS) \$10M Grants – 2 led by Purdue, 2 coPI or subaward out of 7 grants awarded

Purdue Extension Indiana's Educational Partner for Life

Ag & Natural Resources

- Launch of Purdue On the Farm
 - Crop Scouting
 - On-Farm Demonstrations
 - Replicated Strip Trials

4-H & Youth Development

- Increased 4-H participation: 163,033 youth statewide
 - State 4-H Ambassadors
 - 4-H Day at the Statehouse: 200+ youth
 - Juntos4-H: Academic Success Program



College of Agriculture



Purdue Extension Indiana's Educational Partner for Life

Community Development: Housing Focus

- Conducted state, county and city-level housing studies since 2016
- Partnered with Parke County in 2022, including hosting Rural Housing Summit
- Focus in 2023: Homelessness



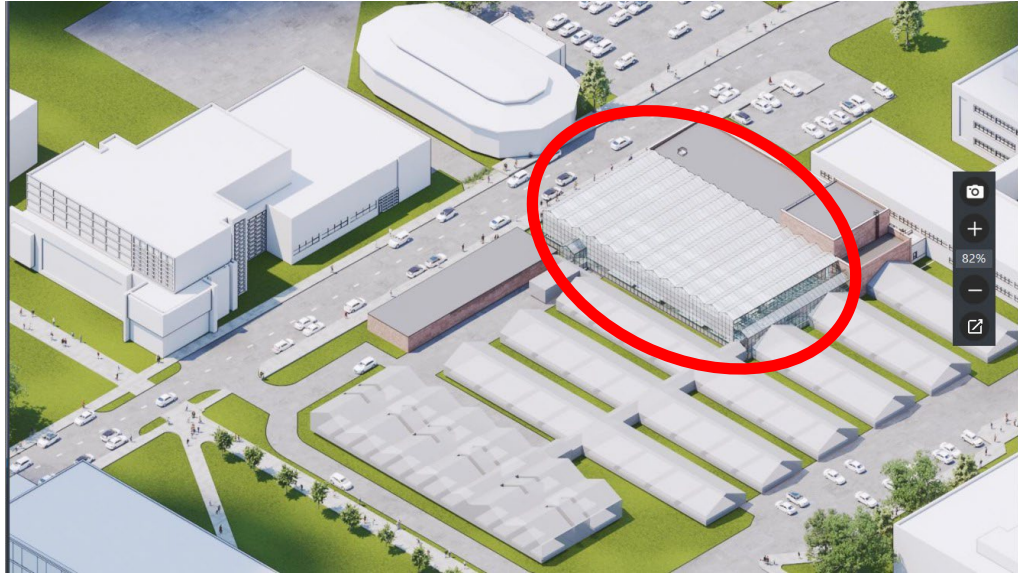
Health & Human Sciences

- Purdue I-HOPE – Statewide initiative aiming to reduce health disparities for better health outcomes



Purdue Next Moves Update

Greenhouse & Phenotyping



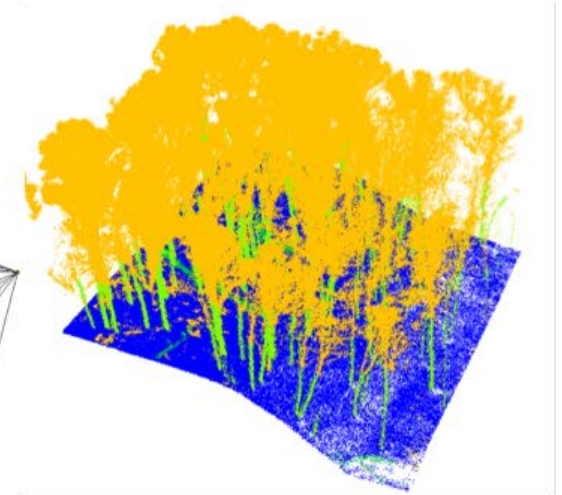
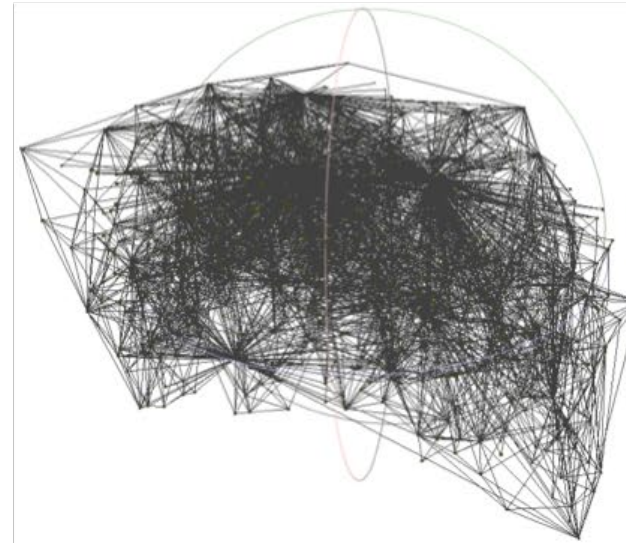
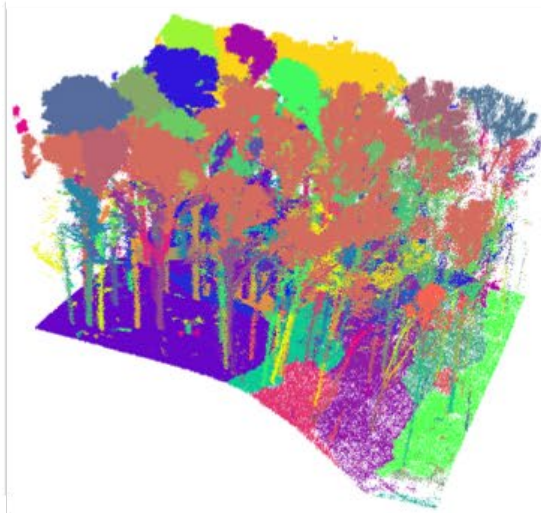
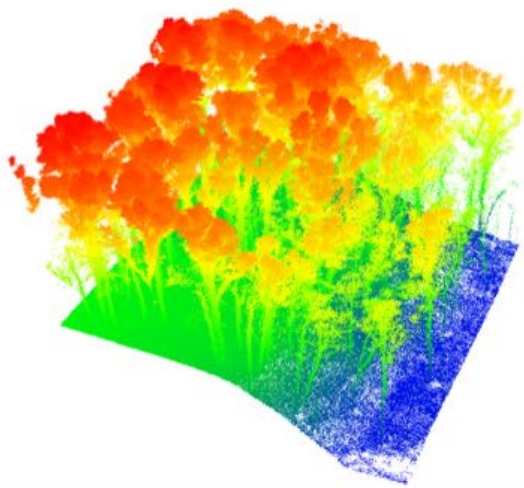
Entrepreneurship – Ag-Celerator



NanoBio Designs, 2022

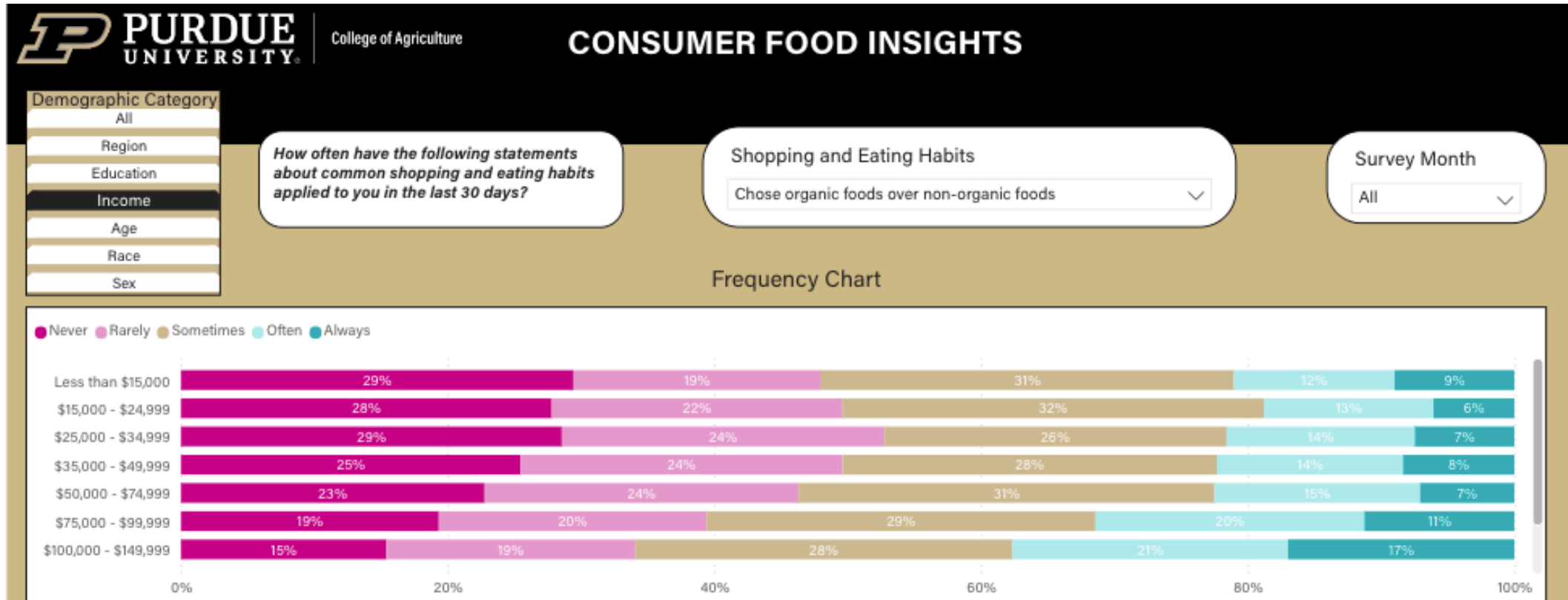
Purdue Next Moves Update

Digital Forestry - Leveraging digital technology and multidisciplinary expertise to measure, monitor and manage urban and rural forests



Purdue Next Moves Update

Center for Food Demand Analysis and Sustainability



Purdue Next Moves Update



Opportunity ~~is~~ Making an Impact

- Digital Agriculture & Data Science
- Entrepreneurship
- Industry Partnerships
- Controlled Environment Agriculture
- Student Recruitment
- Diversity, Equity, Inclusion and Belonging
- New Facilities
- Local and Global Reach
- State Ask
- Purdue Next Moves
- International Research and Extension



Purdue Agriculture State Line Items

2 Line Items in the in State Budget that Directly Support Purdue Agriculture

- County Ag Extension Educators
- Agricultural Research & Extension – Crossroads

Both Line Items are Required Match for Federal Capacity Funding



College of Agriculture



Purdue Agriculture State Line Items

Extension Educators Line Item

- Matched with County Funds to Support Educators in all 92 Counties
- Supports Programs in:
 - 4-H/Youth Development
 - Community Health and Wellness
 - Ag and Natural Resources
 - Workforce Development



Agricultural Research & Extension – Crossroads Line Item

- Supports 8 Purdue Ag Centers across the State
- Funds Indiana-Specific Research & Extension Activities in Colleges of Agriculture, Health & Human Sciences and Veterinary Medicine
- Provides AgSEED Pilot Project Funding



College of Agriculture



Why is an Increase Needed in Purdue Ag State Line Item

County Agriculture Extension Educators Line Item

- Currently, approximately 40 extension educator positions are open across the state, double the amount in previous years. Candidate pools are thin, staff are leaving for higher paying jobs and candidates are not accepting offers due to low starting salaries.
- Has not seen an increase in state budget since 2002.

Agricultural Research & Extension – Crossroads Line Item

- Purdue Ag Centers, ranging in age from 31 years old to more than 108 years old, have aging infrastructure with renovation and restoration needs exceeding \$32 Million.
- Has not seen an increase in state budget since 2013.

Questions?

Purdue University is an Equal Opportunity/Equal Access institution.

PURDUE UNIVERSITY IN INDIANAPOLIS

COLLEGE OF AGRICULTURE- FACULTY MEETING

November 16, 2022

IUPUI Realignment – MOU between IU and Purdue

1971 to Today



IUPUI

- Independently accredited
- Confers degrees for IU
 - large portfolio
- Confers degrees for Purdue
 - Engineering & Technology
 - Science

IU

- Is responsible for managing and operating IUPUI for the benefit of both IU and Purdue



most of Science & Music/Arts Technology



Engineering & Technology
Computer Science

2024 & Beyond



IU Indianapolis



Indianapolis location that is part of Purdue WL

Not a regional campus



Increased Purdue Presence and Engagement in Indianapolis!
Driven by a demand for more Purdue graduates & research in Indy

Vision

- Fully integrated additional location
- Platform for collaboration
- Enhanced funding opportunities
- Joint research initiatives
- Urban campus experience delivered by an R1 University
- Diverse student opportunities

PARI Indianapolis



P PURDUE APPLIED
RESEARCH INSTITUTE

**Purdue
Applied
Research
Institute**

Target Research Focus areas:

- Cybersecurity, Cyberphysical Systems, AI and Data Analytics
- Biotechnology for National Security
- Advanced Manufacturing, including additive

A PARI presence in Indianapolis would facilitate rapid scaling

Building a PARI presence in Indy would meet the needs of the community, while allowing us to grow in a region aligned with our academic enterprise.

- Strategic connections to industry located in the area
- Recruitment: a higher concentration of talent
- Opportunities for federal investment

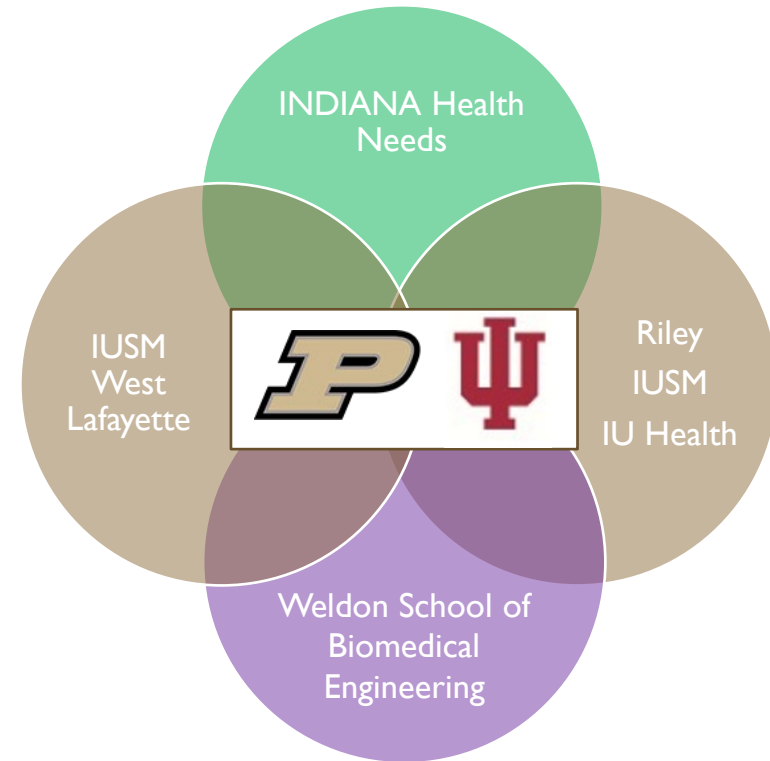
Envisioning the Future for Engineering and Medicine: Purdue and IUSM

Goal

Build a premier program in engineering and medicine between two top universities in Indiana that is recognized internationally.

Mission

Train the next-generation workforce, support breakthrough discoveries, and contribute to the translation and commercialization of innovative solutions that address critical medical problems and transform healthcare.



Goals

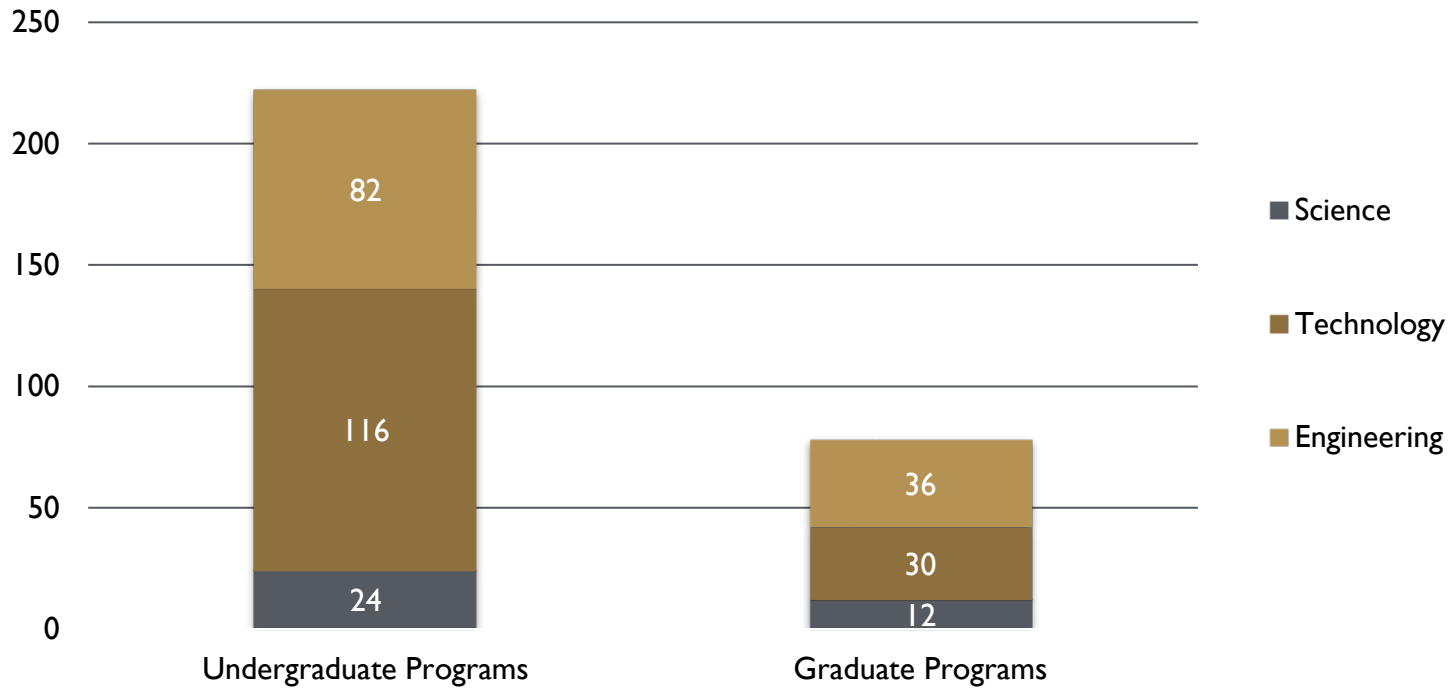
- Growing undergraduate and graduate student enrollment
- Increasing the number of Purdue students pursuing internships or co-ops in Indianapolis
- Creating unique Immerse INdy opportunities for Purdue students to live and study in Indianapolis for a semester or year
- Increasing the number of graduates in STEM fields aligned with greater Central Indiana workforce needs
- Increasing the number of graduates taking their first job in Indiana
- Increasing research awards, particularly industry-sponsored research and in focus areas such as biotech security, IT, advanced manufacturing, biomedical, and cancer
- Increasing the creation of intellectual property, and the number of startups in the focus areas described above
- Increasing the number and depth of industry sponsored master agreements/gifts

Opportunities Post Alignment

- New experiential learning opportunities, connecting with business firms, city and state government, the Indianapolis health complex, schools, social service agencies
- Unique co-curricular activities specific for an urban campus
- Creating unique Immerse INdy opportunities for Purdue students to live and study in Indianapolis for a semester or year
- Stronger ties to IU School of Medicine
- New service-learning opportunities, such as deeper engagement with Indianapolis schools and workforce development programs
- Leverage greater Purdue presence to develop novel research portfolios and new undergraduate and graduate programs

THANK YOU

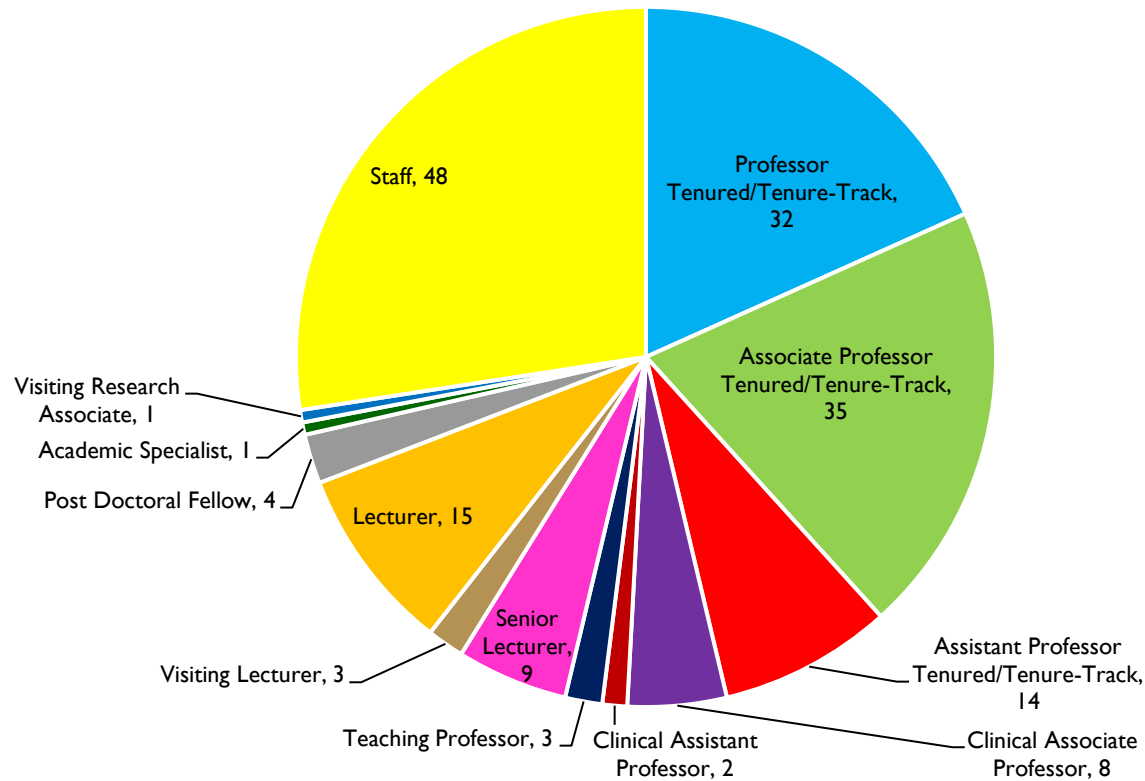
Transitioning Purdue Programs at IUPUI*



*Individual Specialties, Certificates, and Dual Degree options counted as distinct programs.

Purdue Indy

Overall Employee Headcount* (n=175)



*Includes Engineering, Technology, and Computer Science

Working Group Structure

Workstreams

