PURDUE UNIVERSITY

College of Agriculture

Agricultural Faculty Meeting Minutes March 28, 2024 Attendance – 38 Presiding – Dean Bernie Engel

Call to Order

Dean Bernie Engel called the meeting to order at 3:01 PM.

Approval of Agenda

Greg Fraley introduced a motion to approve the modified agenda. J. Nathan Mosier seconded the motion. The agenda was approved by unanimous consent.

Update from AgOnline and Purdue University Online – Haley Oliver

Haley started off by summarizing the differences between Purdue Online and Purdue Global. Purdue Online is considered part of Purdue West Lafayette and has courses taught by Purdue West Lafayette Faculty. It has graduate and non-credit offerings. Purdue Global Faculty design and teach the courses and has graduate and undergraduate offerings. Purdue Global is similar to a Regional campus. Purdue Online has 192 staff—it is a massive endeavor. The AgOnline component has (4) staff members who are the primary contacts if someone in Ag has an idea and needs guidance. President Chiang's goal is that Purdue Online will generate \$200,000,000 by 2026. We are currently at \$65 million. Haley discussed the strategies to achieve this goal including a new graduate, interdisciplinary, and non-credit programs; undergraduate is not a target because it is not revenue generating. Some offerings coming in 2024-25 include an MS in AI and AI microcredentials, an MS in Data Science, a graduate certificate in International Development which is under review and being led by the College of Agriculture's Mark Russell. Haley then provided an overview of the process to get a course launched through Purdue Online (see attached PDF). She stated she is most excited about new faculty and new initiatives.

Dr. Haley Oliver's presentation is appended to these minutes.

Consent Agenda – Action Items

Items on the consent agenda were considered. Dean Engel asked if anyone wished to remove any item from the consent agenda for additional discussion. No items were removed. Mark Russell moved to approve. Greg Fraley seconded the motion, and the consent agenda was unanimously approved.

Memorial Resolutions

None.

Bernie Engel commented that maybe we should change the structure of Memorial Resolutions.

Report Items

Standing Committee Reports:

1. Agenda and Policy Committee – Amanda Deering

This year Agenda and Policy had the following speakers:

- i. Report from Haley Oliver on Purdue Online.
- ii. Sunil Prabhakar from the Provost's Office on Moveable Dream Hires.
- iii. Juan Velasquez de Bedout and Brian Gilbert on temporary housing for visitors.

Dr. Amanda Deering's report is appended to these minutes.

2. Area Promotions – Dean Bernie Engel

- 7 individuals who passed through to Full Professor.
- 8 individuals who passed through to Associate Professor.

All of those individuals received positive endorsement at the University.

3. Curriculum and Student Relations Committee – R.P. Kingsly Ambrose

The new document approval process that was voted into the Constitution of the College of Agriculture Faculty in May 2023—the two-week approved process has worked well.

4. Grade Appeals – Associate Dean Christine Wilson

There were zero grade appeals.

- 5. University Curriculum Council (UCC) Jeneen Fields Nothing new to report.
- 6. University Senate Report Mark Russell

Met (3) times this semester. Highlighted the changes to by-laws; mentioned new chair; talked about how faculty are urged to not schedule exams and mandatory labs during afternoon of April 8 for the Eclipse.

Dr. Mark Russell's report is appended to these minutes.

Dean's Report – Dean Bernie Engel

Dean Bernie Engel began by providing Administrative Updates—Laura Bowling named Agronomy Department Head starting in August 2024. The AGEC department head search is on hold. Thank you to Jessica Gurevitch for her service to FNR. Zhao Ma will serve as interim department head. The search for the Associate Dean of Extension should start in mid-2024. We've had a great year regarding new faculty hires—11 new people.

Bernie then talked about outstanding faculty, staff, and students, specifically Gebisa Ejeta awarded Purdue's Order of the Griffin for his outstanding service to the university. Dr. Mark Russell (faculty) and Ms. Amanda Dickson (staff) received Unsung Diversity Hero awards. The TEAM award went to the Hardwood Ecosystem Experiment. Dean Engel comments on the Outstanding Alumni in the College of Agriculture awards— "you don't realize that what you do makes an impact on these students who then become alumni." Bernie then discussed student numbers for 2023-24: 2,889 undergraduates and 689 graduate students. This is record enrollment due to change of majors and transfers. The College launched "Spring Start" program which will allow us to bring in more undergraduates—this group will start in January 2025 instead of August 2024. Dean Engel also commented on Purdue Indianapolis by stating, 'we can't duplicate things that are here! Yet, we need to take advantage of the urban campus." We are looking at having a College of Agriculture program in Indy by 2027.

Dean Engel finished up his presentation by discussing various areas of the College:

ARGE—lots of great things in research—16 AgSEED Grants; citation increase from 2022 to 2023. **IPIA/Study Abroad**—International Research Academy: Year-long program for faculty interested in international research.

OMP—MANRRS chapter of the year for 2023-24; up to 81 memberships, great attendance, impact. Cultivating Change – Purdue Agriculture (CCPA) is new group focused on elevating and valuing LGBTQ agriculturalists.

Extension—\$1.9 million, three-year DOE grant focused on technical resources to help Indian communities with renewable energy. Surveyed more than 3,400 stakeholders as part of Future of Extension Task Force. This survey yielded more than 250 pages of unique comments.

There were no questions, so Bernie closed his comments by saying, "thank you for all you are doing! I know this is the home stretch!"

Dean Engel's presentation is included in the document that is appended to these minutes.

Adjournment

The meeting was adjourned at 3:59 PM.

Next Meeting

The 2024 Fall Semester Agricultural Faculty meeting is scheduled for 3:00 PM on Wednesday, December 4.

Respectfully Submitted,

Timothy P. Kerr Secretary, Agricultural Faculty

College of Agriculture Online Programs

Purdue University Online (not Purdue Global) Current and Evolving Priorities



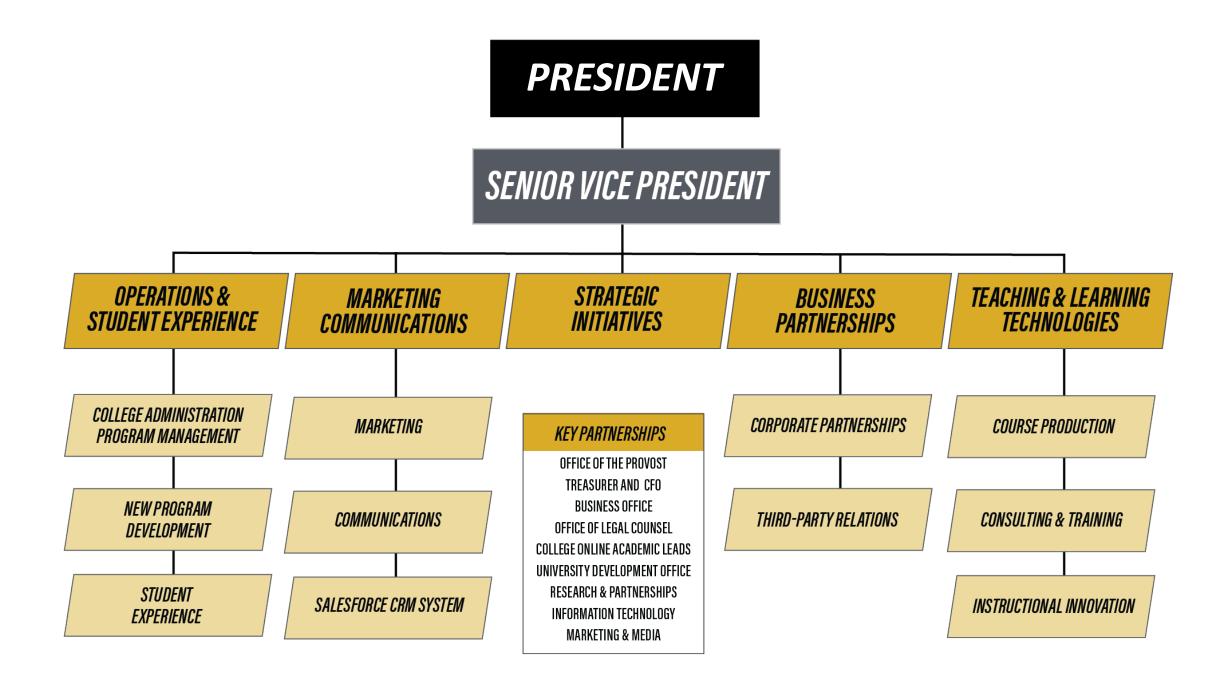
What's the difference?



- Purdue University West Lafayette faculty teach courses
- Part of Purdue University West Lafayette
- Graduate and non-credit offerings for the wider world
- PWL online courses for residential students



- Purdue Global faculty design and teach courses
- Operates similarly to Purdue's regional campuses (i.e., PFW, PNW)
- Undergraduate and graduate offerings



Ag Online Team

Facilitating the relationship between the College of Agriculture and Purdue University Online



Dr. Haley Oliver Assistant Dean of Ag Online hfoliver@purdue.edu



Ellen Gundlach Sr. Managing Director, PUO gundlach@purdue.edu



Liz Alexander Project Manager alexan42@purdue.edu



Hanae Sakata Associate Director, PUO hsakata@purdue.edu

agonline@purdue.edu

https://purdue.ag/agonline

President Chiang's GOAL

\$200,000,000

- 3X 2023 Online Revenue by 2026
- How can the College of Agriculture help meet this goal?

PUO's strategy for growth

- New graduate, interdisciplinary, and non-credit programs
- Expanding audience, including alumni and international
- Big marketing push for PUO name recognition
- Corporate partnerships



FY 2024 Interdisciplinary Online Initiatives

Purdue University Online Multi-College Certificate and Degree Programs

MS in AI (students start Fall 2024) and AI microcredentials (rolling release)

- MS in AI has tracks for builders (technical) and translators (business)
- Ankita Raturi is creating a Human-Al Interaction microcredential

MS in Data Science (students start Spring 2025)

- Spatial Data Science graduate certificate will be an option
- Jake Hosen

Graduate Certificate in International Development (under review)

• Mark Russell

MS or Graduate Certificate in Sustainability (ideation stage)

• Many volunteers!

MS IN AI

Demystify AI by Building Practical Experience and Foundational Skills

- Students will develop foundational knowledge and practical experience in the realm o Artificial Intelligence and Computing.
- Professional skills that will be learned include leadership, change management, projection management.
- Technical skills that will be learned include computer programming and principles of machine learning.
- Students will gain expertise in the areas of data mining, data analysis, and data management.
- Students will be able to articulate ethical and policy principles of Artificial Intelligence and apply it to their work.

EXPLORE THE MAJORS

AI and Machine Learning

AI Management and Policy

International Development Graduate Certificate

Proposed Curriculum 12 Credit Hours

Examine international development strategies Demonstrate practical skills for working in the field of 2 development Learning Judge the efficacy of applying 3 appropriate theoretical frameworks to create **Objectives** 님 sustainable impact Evaluate the relevance of Δ results for ethical decision making and professional development. Identify and develop appropriate 5 resources for funding and managing international development projects and/or

partnerships.

International Development Certificate

AGRICULTURE

ASEC 551 International Engagement and Development Strategies

POLITICAL SCIENCE

POL 54101 Applied Foundations of Global Development

ENGINEERING

ENE 55400 Globalization and Engineering

or CE 597 Global Sustainable Engineering

Selective (3 ch)

- ASEC 546 Communication and Issues Engagement for Agricultural Professionals
- o ASEC 548 Communicating Science to the Public
- o AGEC 532 World Food Problems
- AGEC 64000 Agricultural Policy
- AGEC 68100 Economics for Food and Agribusiness Managers
- AGEC 62800 The Macroeconomics and Trade Environment of the Food System
- AGEC 68400 Applied Quantitative Methods For Decision Making
- AGEC 68500 Advanced Quantitative Methods For Decision Making Under Uncertainty
- AGEC 68600 Strategic Food And Agribusiness Management
- AGEC 68700 Problem Solving And Project Management For Decision Makers

Graduate programs

Non-credit/Extension programs

MS in Applied Geospatial Analytics

- Graduate Certificate in Spatial Data Science

MS in Biotechnology Innovation and Regulatory Sciences

- Graduate Certificate in Biotechnology Quality and Regulatory Compliance

MS-MBA Food and Agribusiness Management

MJ-MS Agricultural Economics and Law

MS in International Agribusiness

Graduate Certificate in Agricultural Science, Education, Extension, and Science

Agronomy e-Learning Academy

Integrated Pest Management

Aseptic Processing and Packaging

Global Trade Analysis Project

Hemp Essentials

Purdue Pesticide Programs

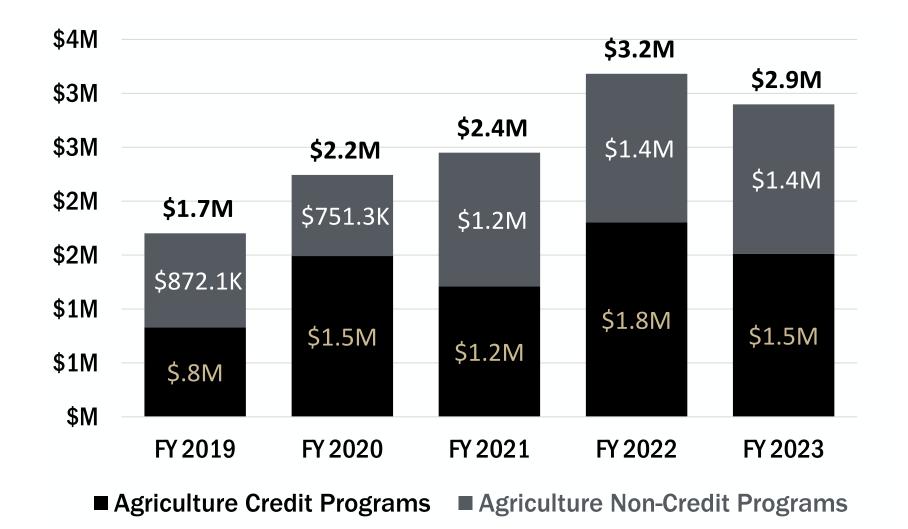
Urban Agriculture

Wine Appreciation and Winemaking

+ other small programs

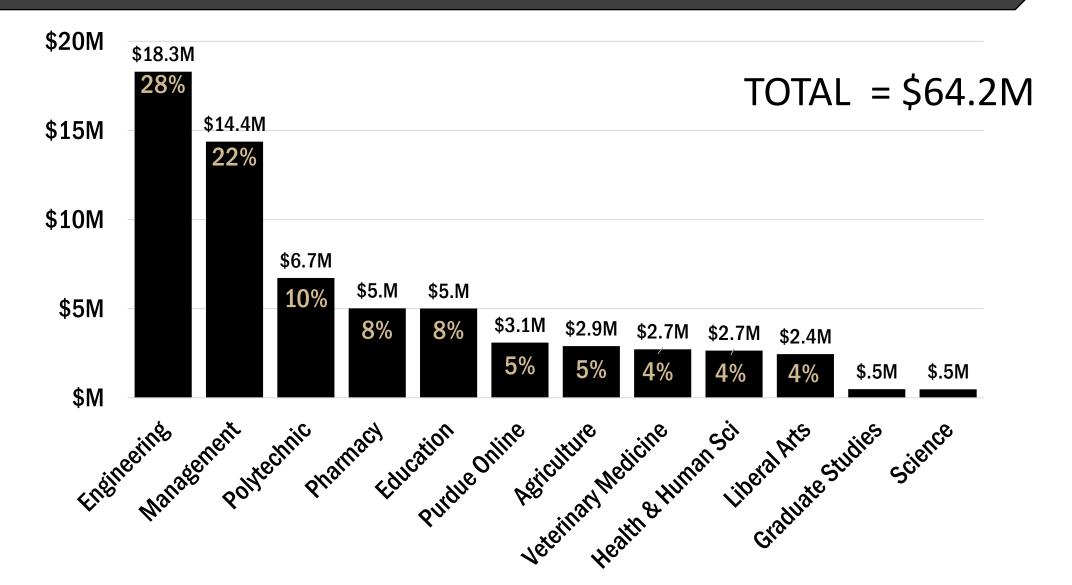
20+ undergraduate online courses

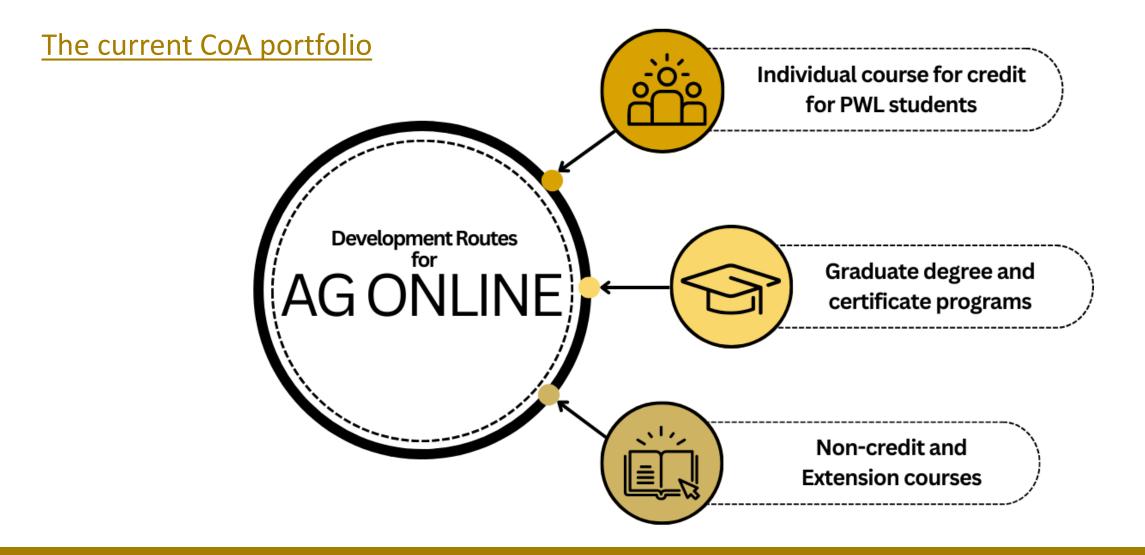
College of Agriculture Gross Revenue Trend FY19 through FY23



Fiscal Year 2023 Gross Revenue

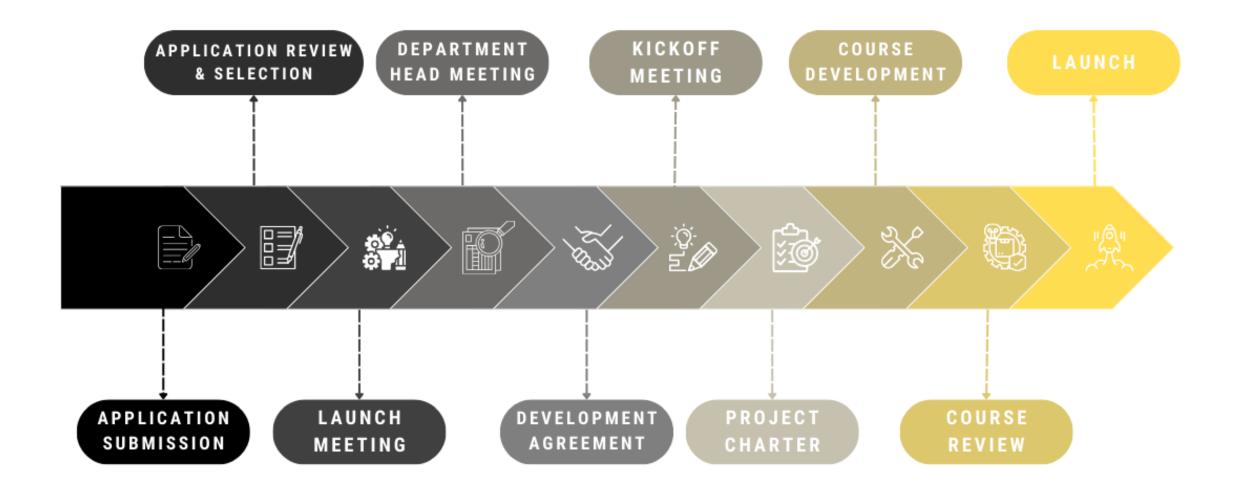
College Breakdown – Credit + Non-credit





To get started, contact Ag Online (agonline@purdue.edu)

Process overview for an individual course



What I'm excited about

- New faculty!
- New initiatives
- Expanding existing programs
- "Winter guarantee" program supporting 15 asynchronous online courses 2024-25
 Winter Session



Welcome!

New Clinical Assistant Professors of Online Programs



Dr. Yaguang Zhang ABE/ASEC



Dr. Hanyu Chen Food Science



Search beginning Soon Animal Sciences

How Can We Help?

Facilitating the relationship between the College of Agriculture and Purdue University Online



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agonline@purdue.edu

https://purdue.ag/agonline

2023-2024 Overview of Agenda and Policy Committee Meetings:

September 21, 2023

- Reviewed Promotion and Tenure Provost's Memos for 2023-2024
 - Included changes to Area Committee membership.
- Updates from Dr. Mark Russell, College Lead Senator
- Dean Engel provided a report on:
 - 2,889 undergrads in fall; and
 - Record year on research with 106 million.

October 17, 2023

- Guest speaker, Haley Oliver
 - Discussed initiatives with Purdue University Online
- Dissolved PK-12 Committee.
 - The committee did not meet or function.
 - A&P Committee decided an OAP representative would suffice instead of a council meeting.
 - Senior Associate Dean, Christine Wilson, or individuals from OAP will contact the pre-K through 12th grade concerning recruiting for the college.
- Dean Engel discussed:
 - Pathway program with Vincennes;
 - Upcoming Indianapolis opportunities;
 - Implemented hiring method (dream hires); and
 - DEI can no longer be required (to avoid non-promotion related to incomplete DEI training).

November 13, 2023

Cancelled/Did not meet.

December 11, 2023

Cancelled/Did not meet.

January 8, 2024

- Guest speakers Sunil Prabhakar and John Gipson with Provost's Office
 - Discussed recent changes with the addition of Moveable Dream Hires; and
 - Faculty recognition, implementing Academic Analytics.
- Dean Engel discussed:
 - Clinical hires, five new openings;

- Spring Start
- Upcoming Purdue CARET legislative lunch on January 9, 2024.

February 5, 2024

Cancelled/Did not meet.

March 4, 2024

- Approved agenda for CoA Faculty meeting (3/2024)
- Guest speakers Juan Velasquez de Bedout and Brian Gilbert discussed:
 - Temporary housing for visitors.
- Dean Engel discussed:
 - Purdue Indy Concepts
 - Promotion Tenure Update, one shot at promotion from assistant to associate
 - Clinical Faculty Promotion Guidelines update

April 4, 2024

TBD

University Senate Report to the March 28, 2024 College of Agriculture Faculty – Mark Russell, mrussell@purdue.edu

I am elected to represent the Department of Agricultural Sciences Education and Communication and serve on the Educational Policy Committee (EPC) which oversees committees of Academic Organization, Academic Progress and Records, Scholastic Delinquencies and Readmissions and Undergraduate Curriculum Council. I am also the current chairperson of the College of Agriculture Senate representatives and am a non-voting member of the College Agenda and Policy Committee.

You are all very well represented on University Senate committees as can be seen in the table below and you should be receiving meeting minutes emailed directly and you can certainly reach out to your departmental senator. All of the information from the Senate meetings, decisions and topics being discussed in committees and the Senate at large at available to all at <u>Purdue University Senate webpage</u>.

COLLEGE OF AGRICULTURE						
Name	Title/Unit	BLDG	Phone	Term End	Standing Committee(s)	
<u>Colleen Brady</u>	(Ex-Officio) Immediate Past Chair University Senate, Agricultural Sciences Education and Communication	LILY	48441	2024	Advisory; Steering	
<u>Stephen</u> <u>Cameron</u>	Professor of Entomology	SMTH	61119	2025	FAC	
Brian Dilkes	Biochemistry	WSLR		2025	Advisory, EDIC	
<u>Abigail</u> <u>Engelberth</u>	Agricultural and Biological Engineering	PORT	41009	2026	EPC, Student Affairs Committee	
<u>Lori A.</u> <u>Hoagland</u>	Horticulture and Landscape Architecture	HORT	41426	2024	Advisory, URPC	
<u>Yuan H. (Brad)</u> <u>Kim</u>	Animal Sciences	CRTN	61631	2024	Equity, Diversity, and Inclusion	
<u>Damon R.</u> <u>Lisch</u>	Botany and Plant Pathology	WSLR	46606	2025	Nominating	
<u>Zhao Ma</u>	Forestry and Natural Resources	PFEN		2026	Steering	
<u>Brian T.</u> <u>Richert</u>	Animal Sciences	CRTN	44837	2026	URPC	
<u>Torbert</u> <u>Rocheford</u>	Patterson Endowed Chair/Prof of AG	LILY		2024	Steering	
<u>Mark Russell</u>	Agricultural Sciences Education and Communication	LILY	66287	2026	EPC	
<u>Juan P.</u> <u>Sesmero</u>	Agricultural Economics	KRAN		2024	University Resources Policy	
<u>Yuan Yao</u>	University Resources Policy Committee Chair, Food Science	NLSN	46317	2024	University Resources Policy	

The University Senate met on January 22, February 19, March 18 and will meet on April 15, 2024.

Primary topics shared by the President and Provost this semester include:

- ✓ <u>Purdue Indianapolis</u>, launching July 1!! academic programs, faculty tenure, housing and food for 850+.
- ✓ <u>Indiana Legislation</u> related to SB 202 State educational institutional matters, which "amends the duties of state educational institutions' diversity committees...that substantially promotes both cultural and intellectual diversity" and the Purdue <u>response</u>.
- ✓ Purdue recognizes <u>Juneteenth</u>, the eleventh American federal holiday.
- ✓ <u>Purdue's Airport</u> is now up and scheduling of flights are available. If people do not buy tickets for the new flights to Chicago's O'Hare Airport, that service could disappear. The President also shared the community's enthusiasm for the construction of the new Amelia Earhart Terminal.
- ✓ He reminded the community that during the 8 April solar eclipse, the path of totality would travel through Indiana. Many students wished to be able to attend a watch event, and faculty were strongly urged to consider <u>not scheduling exams or mandatory labs that afternoon.</u>
- ✓ As part of President Chiang's remarks, Daniel Hasler and David Umulis presented an update on Purdue University Indianapolis and responded to several challenging and interesting questions. The <u>PIN slides</u> are available on the <u>Senate website</u>.
- ✓ Senate Document 23-27 Nominations for Senate Vice Chair were introduced and Mark Zimpfer, Assoc.
 Professor of Practice, School of Construction Management Technology was elected Senate Vice Chair.

Also, the Senate approved the following documents:

- Senate Document 23-16 Resolution Concerning David Malpass rev
- Senate Document 23-17 Statement about the Use of AI
- Senate Document 23-18 Resolution Establishing the Record of Juneteenth on the Purdue University Academic Calendar
- o Senate Document 23-20 Amendment to MEAPS policy (SD21-12) to clarify applicability
- o Senate Document 23-23 Regarding Indiana Senate Bill SB 202 (Amended)
- o All Senate Committee slates were ratified
- o Senate Document 23-21 Bylaws Revision re: Student Affairs Committee
- o Senate Document 23-28 University Senate Quorum Standard

More information and slides and the Q&A from the three Spring 2024 meetings are on the Senate website.

The successful ability of the University Senate to represent the views and opinions of staff and faculty of the College of Agriculture relies on an effective information flow through your departmentally elected Senators. This is a two-way street as they represent your opinions and voices from your Departments to the Senate committees and the body as a whole. This information flows also from the discussions, proposals and actions of the Senate that originate in Standing Committees and then shared with each of you via the distributed Senate Newsletter and as your Department Senator reports back to you.

Please be an active and engaged Purdue staff or faculty member and contribute to the discussions and resulting policies and procedures moving us forward. If you have questions or want to discuss Senate matters, please reach out to your department Senator or myself, mrussell@purdue.edu.

COLLEGE OF AGRICULTURE UPDATE

Bernie Engel Glenn W. Sample Dean of Agriculture

Purdue University is an Equal Opportunity/Equal Access institution.



College of Agriculture

CREATING AN WEINE FOR SUCCESS



College of Agriculture

Administrative Updates

Upcoming Administrative Searches

Department Heads

- Animal Sciences Paul Ebner, interim ٠
- Agricultural Economics Nicole Widmar, interim ٠
- Forestry & Natural Resources Zhao Ma, interim ٠

Associate Deans

Extension – Start search in mid-2024 after task force work complete ٠



Laura Bowling Agronomy Department Head Starting August 2024



College of Agriculture – New Faculty Spring 2024



Casie Bass Animal Sciences



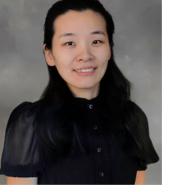
Ben Carter Biochemistry



Maksym Chepeliev Ag Economics



Tyler Hoskins Forestry & Natural Resources



Tingting Ju Animal Sciences



Lourival Monaco Ag Economics



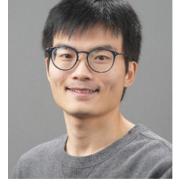
Heather Neave Animal Sciences



Leon Robert Jr. Entomology and Chemical Engineering



Tesfaye Tesso Agronomy



Jianmin Wang Forestry & Natural Resources



Yaguang Zhang Ag & Biological Engineering Ag Sciences Education & Communication

Updates

Faculty Searches

- Dream Hires
- Named Chairs
- Clinical Faculty
- Large pool, talent-focused

P&T Meeting



- To Associate Professor: 8 reviewed by Area Committee; went through Panel A
- To Full Professor: 7 reviewed and made it through both committees

Update on P&T Policy for Assistant Professors

PL 113, formerly SB 202



Outstanding Faculty & Staff in College of Agriculture

Unsung Diversity Hero Awards





Mark Russell Faculty Award

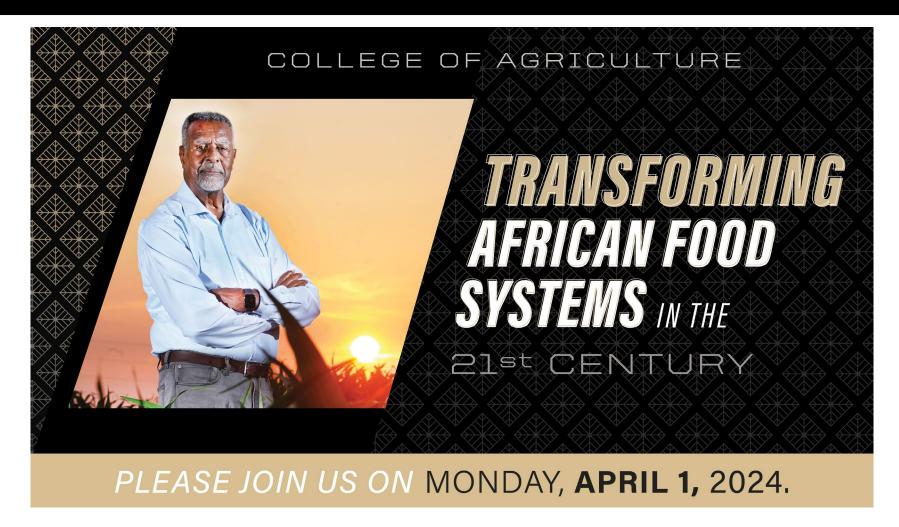
Amanda Dickson Staff Award

TEAM Award – Hardwood Ecosystem Experiment





Outstanding Faculty in College of Agriculture





Outstanding Alumni in College of Agriculture





College of Agriculture Students

- 2023-24 Student Numbers
 - 2,889 Undergraduates & 689 Graduate Students
 - Record enrollment due to change of majors and transfers
- Launched "Spring Start" Program February 2025
 - Opportunity to bring more undergraduates into college
 - Start in January instead of August
 - Looking to partner with industry to provide experiences prior to coming to campus



College of Agriculture Research

2024 AgSEED Grants – 16 Funded

- 11 within College of Agriculture
- 5 in HHS and Vet Med

2022-23 Millionaire's Club

- Jacquelyn Boerman
- Somali Chaterji
- Songlin Fei
- Mark Hall
- Lori Hoagland
- Luiz Fernando Brito
- Tomas Höök
- Jen-Yi Huang
- Shihuan Kuang
- Dharmendra Mishra

- Linda Prokopy
- Kurt Ristroph
- Gerald Shively
- Shweta Singh
- Mitch Tuinstra
- Ron Turco
- Mohit Verma
- Vikki Weake
- Gyeong Mee Yoon
- Qianlai Zhuang



College of Agriculture

College of Agriculture Citation Increase 2022 to 2023

CITATION INCREASE BY RANK

ASSOCIATE

Bruce Hamaker Zhixiang Chen Jessica Gurevitch Jin-rong Xu Cathie Aime Natalia Doudareva Ray Bressan Qianlai Zhuang

FULL

Tom Hertel

Bernie Engel

ASSISTANT

Andrea Liceaga Luiz Brito Jingjing Liang Damon Lisch Brad Kim Owen Jones Brenna Ellison Lavanya Reddivari Jennifer Wisecaver Steve Lindemann

Scott McAdam Tim Johnson Yichao Rui Elizabeth Long Jacob Hosen James Markworth Mohit Verma Somali Chaterji Halis Simsek Celina Gomez

DUE RSITY al Research te Education

H-INDEX INCREASE BY RANK

FULL	ASSOCIATE	ASSISTANT	
Ian Kaplan Guofan Shao Vincent Duffy Senay Simsek Marisol Sepulveda Shihuan Kuang Bernie Engel Tom Hertel Candace Croney Jason Hoverman	Andrea Liceaga Krishna Nemali Marisa Erasmus Dieudonne Baributsa Steve Lindemann Brenna Ellison Majid Kazemian Luiz Brito Kee Hong Kim Carson Reeling	Scott McAdam Celina Gomez Halis Simsek Hinayah Rojas de Oliveira Yichao Rui Stacy Zuelly Tim Johnson Paris Collingsworth Kranthi Varala Eun Joong Oh	PUR UNIVE Agriculture and Gradua

RANK AS OF 1/2023

International Programs in Agriculture

New Programs:

- International Research Academy: Year-long program for faculty interested in international research
 - Call for 2024-25 cohort and mentors: **coming soon**, later this spring.
- Community of Practice for Study Abroad
 - Monthly meeting for interested faculty/staff. Last mtg of year **May 9th at noon** in AGAD 128

Upcoming Deadlines:

- IPIA International Travel Grants to support faculty travel to conferences
 - For travel from July 1-December 31, 2024: submission deadline is **April 30**th.

Upcoming Dates:

- College-wide information session on Fulbright program, April 10th at noon in WSLR 116
- International Awards ceremony and reception (Hardin, Woods Thomas) May 10th at 1 pm in Pfendler Auditorium

For more information on all of the above, see the IPIA website.



Multicultural Programs

- Founding and university recognition of Cultivating Change – Purdue Agriculture (CCPA)
 - New student organization focused on elevating and valuing LGBTQ agriculturalists.
- Over 1,200 participants in events sponsored or hosted by the Support for Success Program
 - Due to increased requests, the Support for Success Program will begin hosting virtual events for off-campus staff, faculty, students.
- DATA Graduate Committee moving towards hosting once-a-semester community events for graduate students.
 - Summer Sports Festival to be hosted in June/July. Details coming soon.



College of Agriculture

Congratulations Purdue MANRRS

- Awarded Chapter of the Year
- 3 Purdue Students Elected to National Officer Team, including Undergraduate President Andrew Parker
- Largest Delegation at National Conference – 44 Purdue Students



Purdue Extension

• New \$1.9 Million, 3-Year DOE Grant

- Focused on Technical Resources to Assist Indiana Communities with Renewable Energy Siting, Planning and Decision-Making
- Future of Extension Task Force Update
 - More than 3,400 stakeholder surveys completed
- Purdue Day of Giving April 24
 - County Offices and Indiana 4-H participating



Congratulations Extension Professional Award Recipients



Upcoming Events

SAVE THE DATES

COLLEGE OF AGRICULTURE NETWORKING GATHERINGS













PURDUE APPLIED MICROBIOME SCIENCES (PAMS)

Midwest Microbiome Symposium: RESILIENCE & MICROBIAL COMMUNITIES

May 13-15, 2024 Beck Agricultural Center, West Lafayette, Indiana



College of Agriculture





College of Agriculture