Agricultural Faculty Meeting Minutes
November 30, 2022
Purdue Zoom (https://purdue-edu.zoom.us/j/97105744480?pwd=NUtjcUV6MjJBYXJsa25QNmdYbXZGQT09)
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.
• SD 22-09 Reapportionment of the University Senate—12 CoA Senators for 2023-24.
• SD 22-11 University Senate Commendation for Jay Akridge in Recognition of His Distinguished Service to the Community
• SD 22-14 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 workforce 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.
<table>
<thead>
<tr>
<th>CoA Senators</th>
<th>Department</th>
<th>Years Remaining</th>
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<tr>
<td>Brian Dilkes</td>
<td>Biochemistry</td>
<td>3</td>
</tr>
<tr>
<td>Damon Lisch</td>
<td>Botany &amp; Plant Pathology</td>
<td></td>
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<tr>
<td>Steve Yaninek</td>
<td>Entomology</td>
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<td>Juan P. Sesmero</td>
<td>Agricultural Economics</td>
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<tr>
<td>Tony Vyn</td>
<td>Agronomy</td>
<td></td>
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<tr>
<td>Yuan Yao</td>
<td>Food Science</td>
<td></td>
</tr>
<tr>
<td>Lori Hoagland</td>
<td>Horticulture and Landscape Architecture</td>
<td></td>
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<tr>
<td>Abigail Engelberth</td>
<td>Agricultural and Biological Engineering</td>
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<tr>
<td>Neil Knobloch</td>
<td>Agricultural Sciences Education and Communication</td>
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<tr>
<td>Brian Richert</td>
<td>Animal Science</td>
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<tr>
<td>Rod Williams</td>
<td>Forestry and Natural Resources</td>
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<td>Brad Kim</td>
<td>At-Large</td>
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<tr>
<td>Colleen Brady</td>
<td>Chair</td>
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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

- **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.

### Survey Results Table

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

- 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!
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

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 Farm Mgmt
ANSC

Amanda Deering
Food Safety
FS

Morgan Furze
Plant Physiology
BPP

Celina Gómez
Controlled EnvtAg
HLA

Valerie Kilders
Agribusiness Marketing
AGEC

Lee Miller
Turf Disease Mgmt
BPP

Kurt Ristroph
Food and Biomanufacturing
ABE

Yichao Rui
Agroecology
AGRY

Deandreae Smith
Food Processing
FS

Roland Wilhelm
Soil Microbiome
AGRY
College of Agriculture

New Department Heads

Jessica Gurevitch
Forestry & Natural Resources
Starting early 2023

Catherine Hill
Entomology

Tesfaye Mengiste
Botany & Plant Pathology

Rama Radhakrishna
Agricultural Sciences
Education & Communication

PURDUE UNIVERSITY
College of Agriculture
Faculty Searches – 2022-2023

¬ Precision Food Production Systems, ABE
¬ Boehlje Endowed Chair in Managerial Economics, AGEC
¬ Ag Trade and Macroeconomics, AGEC
¬ Agribusiness Management, AGEC
¬ Quantitative Methods, AGEC
¬ 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, AGEC, FS
Antimicrobial Resistance, ANSC
• 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
KRYSAL 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 TUINSTRA (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 COVID-19
  • 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
Innovation and Entrepreneurship

• 24 New Startups from College in Last 5 Years
  • 4 of 9 new startups in FY21-22 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
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 co-PI 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
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
Digital Forestry - Leveraging digital technology and multidisciplinary expertise to measure, monitor and manage urban and rural forests
Center for Food Demand Analysis and Sustainability

CONSUMER FOOD INSIGHTS

Demographic Category
- All
- Region
- Education
- Income
- Age
- Race
- Sex

How often have the following statements about common shopping and eating habits applied to you in the last 30 days?

Shopping and Eating Habits
- Chose organic foods over non-organic foods

Survey Month
- All

Frequency Chart

- Never
- Rarely
- Sometimes
- Often
- Always

Income Levels:
- Less than $15,000
- $15,000 - $24,999
- $25,000 - $34,999
- $35,000 - $44,999
- $45,000 - $54,999
- $55,000 - $64,999
- $65,000 - $74,999
- $75,000 - $84,999
- $85,000 - $94,999
- $95,000 - $104,999
- $105,000 and above

Frequency distribution for each income level based on the specified shopping and eating habit question.
New Startup - CROFT

AGTECH STARTUP HOPES TO EASE BURDEN OF HIRING MIGRANT WORKERS
Opportunities – 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 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
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
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

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

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

Target Research Focus areas:
- Cybersecurity, Cyberphysical Systems, AI and Data Analytics
- Biotechnology for National Security
- Advanced Manufacturing, including additive
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.
Overall Employee Headcount* (n=175)

- Professor Tenured/Tenure-Track, 32
- Associate Professor Tenured/Tenure-Track, 35
- Assistant Professor Tenured/Tenure-Track, 14
- Clinical Associate Professor, 8
- Clinical Assistant Professor, 2
- Teaching Professor, 3
- Senior Lecturer, 9
- Visiting Lecturer, 3
- Post Doctoral Fellow, 4
- Academic Specialist, 1
- Visiting Research Associate, 1
- Lecturer, 15
- Staff, 48

*Includes Engineering, Technology, and Computer Science
Working Group Structure

Workstreams

Key
- Steering Committee: make decisions from recommendations
- Leads: coordinate working groups
- Working Groups: generate recommendations
- Departmental Groups: specialized recommendations