

Research Council Agenda

May 1, 2024
3:30pm – 5:00pm

President's Conference Room

VOTING:

Alison Harmon	Sreekala Bajwa
Mary Miles	Anna Tuttle
Mary Cloninger/Robert Walker	Nicole Tuss
Ron June	Blake Wiedenheft
Brent Peyton/Robin Gerlach	Carl Yeoman
Eric Austin	Elizabeth Olson
Molly Secor Turner	Michaela Johnson
Brian Gillespie	Amanda Haab
Michael Reidy	Andrew Vernoooy
Colter Ellis	Jeff Heys
Darin Boss	Doralyn Rossmann

NON-VOTING:

Craig Ogilvie
Steve Swinford
Terry Leist
Robert Mokwa/Durward Sobek
Sandra Sward
Ryan Knutson
Liz Shanahan
Chris Fastnow

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- Approval of April 2024 Minutes- Ron June moved to approve, Mary Miles seconded. The minutes were approved unanimously.
 - Introductions and news from the field (All)
 - 3-minute competition to kick off the Research & Innovation Celebration on May 3rd. 25. Everyday Heros receive the awards.
 - Four graduate students won major fellowship awards. 3 received NSF GRFP, and 1 received a NASA Research fellowship.
 - Core Facility Highlight: MT Microfabrication Facility (Andrew Lingley and David Dickensheets)
 - No Microfabrication Facilities at MSU when Dr. Dickensheets arrived in 1997. The planning was in 1999, and construction started in 2003; the initial space was Cobleigh Hall Cleanroom: 500 sq ft class 10000. The first instrument started running in 2004.
 - Commitment and Partnership from the University, Federal funding, State funding, and Private foundation funding.
 - The Montana Nanotechnology Facility works with different labs on campus, supports local users, and builds connections across the northern Rockies and Pacific Northwest.
 - In 2023, MMF had 62 users working for 20 PIs. 33% are outside MSU users.
 - 114 students took courses that use the MMF for their classes
 - Graduate Research (Craig Ogilvie)
 - Craig continued the discussion on a survey of Department Heads and Graduate Coordinators on PhD Depts.

1. How often do the second and third-year PhD students meet with their grad committee?
 - Once per year is the highest vote
 - How to develop a format where the committee meets with students in the early stage and guides them through the research process.
 2. If the PhD students completed their master's thesis at MSU, how much of the master's research can be used as part of PhD dissertation?
 - Some or up to 50% fraction can be used.
- Craig will take input from the Research Council and work with his team.
- Research Administration (Sandy Sward)
 - The Research Administration Software will be evaluating bids in May & June.
 - Research Development Updates (Liz Shanahan)
 - Reviews research collaborative proposals. The announcement will be released next week.
 - Research Compliance (Kirk Lubick)
 - Human Subjects Recruitment Database (1: Highlighting current/past MSU Human Subject Research, 2: Recruitment, 3: Database)
 - Created a working group- talked to five vendors.
 - How to recruit human subjects and diversify participants.
 - Want to create a page where participants can see results/data.
 - Facility projects (Short term: MBB and Long Term: Animal facility and Kellog Center)
 - Improvement of Laboratory spaces
 - Estimating the cost of the Molecular Biosciences Building project.
 - Start a conversation on the new ARC building.
 - VP Harmon committed \$20,000 to start the architectural plan for the Kellog Center.
 - Undergraduate Research (Amanda Haab; Anna Tuttle)
 - Amanda shared that the first Undergraduate Research Fair in January was successful. The undergraduate research council wants an event earlier in the semester.
 - The biggest feedback is that students want more engineering research. STEM and Psychology were most interested.
 - Supporting DEI initiatives- It's important to encourage Non-STEM research to have part in the event.
 - Good representation within the infrastructure. Good funding opportunities.
 - Anna asked for Undergraduate Research Brainstorm on how to find out the number of students participating in undergraduate research, departments that have opportunities, and how we could expand.
 - Undergraduate Research data can be found under a section called directed student learning undergraduate/graduate research in the Activity Insight.

RESEARCH EVENTS: A Celebration of MSU Research & Innovation, Friday May 3, 2024; Inspiration Hall

Next Meeting: August 21st, 2024 President's Conference Room