General Council Meeting
November 3, 2021, 2:10 – 4:00 p.m.
South Ballroom, Memorial Union

Welcome!
Please be sure you have signed in with the sheets at the entrance and have picked up your name placard.

Mask wearing is encouraged.
Welcome, and thank you for joining our virtual meeting!

Please stay muted and keep your camera turned off unless you are speaking. These efforts preserve bandwidth and cut down on outside noise and distraction to provide a better experience for everyone in the meeting.

- Call to Order & Seating of Substitutes
- Establish Quorum
- Approval of the Agenda
- Approval of the Minutes

October 7, 2021 general council meeting minutes
Administrative Reports

Kristi Darr
Vice President For University Human Resources
Welcome, and thank you for joining our virtual meeting!

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**Administrative Reports**

Peter Dorhout
Vice President for Research
Peter K. Dorhout
Vice President for Research

Professional & Scientific Council
November 2, 2021

https://www.research.iastate.edu/news/
• Safety moment
• Vision for the OVPR and our leadership team
• Celebrate recent successes
• What’s over the horizon?
Vision for the VPR at Iowa State

• Support challenging and world-class student and faculty research environments that apply and share knowledge and address societal challenges to make Iowa and the world a better place

• Provide educational leadership for comprehensive student, faculty, and staff training in safe, effective, and ethical research practices and promote a rich and diverse research culture that is welcoming to all

• Manage and develop investments, strategies, and business models for research development and support the success of research centers, institutes, Ames Laboratory, and other partners

• Display servant leadership and partnership in facilitating technology transfer, corporate relations, and economic development and engagement

• Facilitate key collaborative, interdisciplinary partnerships with faculty, staff, departments, colleges, and special units
Renewed call to action

“Big problems require new approaches to problem solving: ... disciplined mind, ... synthesizing mind, ... creating mind, ... respectful mind, and the ... ethical mind.”

“Team building and engagement are critical to success. Multiple disciplines & communities must be engaged.”

“Partnership with the community is essential.”
Iowa State Research

• Foundation of excellence in research & development
  • $368 M expenditures in 2020 (last HERD report)
  • Four years of >$50 M from industry partners

• Top 100 world-wide universities for patents generated, 2020

• National leader in Innovation & Entrepreneurship
  • Assoc. Public & Land-grant Universities IEP Innovation Award, 2020
  • US Admin. For Small Business & Entrepreneurship Award, 2021
ISU Research Portfolio
Grand Challenge Research Themes

“Build a mosaic versus a monolith.” – V. Coleman, CSO at USAF

- Enabling healthy lives (plants, animals, people, communities)
- Building sustainable human and natural ecosystems
- Creating next generation materials and manufacturing technologies
- Enabling data driven discovery and secure cybersystems
- Developing global citizens and vibrant societies
Bioscience Platforms

Biobased products
Digital and precision agriculture
Vaccines and immunotherapeutics

To accelerate translation of discoveries to commercial products by building the partnerships and leveraging strengths
Over the Horizon

- U.S. Innovation & Competitiveness Act (Senate)
- NSF of the Future (House)
- Agriculture Reconciliation Bill
- Infrastructure Bill
- Dept. of Commerce – Build Back Better Regional Challenge
Build Back Better Regional Challenge Grant

Food and Agriculture Innovation & Resilience (FAIR)

Inform
Private Sector: Cooperatives, commodity groups, corporations, and entrepreneurs

Consult
Partners: Councils of government, association of communities, Iowa Economic Development Authority

Empower
Outcomes: Increased resilience, sustainable future

Engage
Engagement: Capacity development, technical assistance, knowledge-sharing, industry leadership

Collaborate
Coalition Portfolio: (1) FAIR Centers (2) Model Farm (3) Food Systems (4) Biobased Products (5) Business Cultivator (6) Workforce Transformation (7) Manufacturing/Supply Chain (8) Core Facility

Office of the Vice President for Research
Innovation & Entrepreneurship
Brings jobs and capital to Iowa

To have impact through innovation...

...create a University and community of systematic change-making.

Faculty
Staff
Students
Collaborators
Community
Extension

Talent

Research

Ames
Facilities
Programs
Ames Lab
Research Park
Student Innovation Center

Place
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Administrative Reports

Rich Tener
Chief Information Security Officer, IT Security Services and Policies
How to Avoid Getting Ransomware

Rich Tener
Chief Information Security Officer

security@iastate.edu
What is Ransomware?

- Type of malware that encrypts all your files
- It also sends a copy of your files to the attacker
- The attacker extorts you to decrypt/unlock them
- The attacker also extorts you to keep them private
- If an ISU employee gets ransomware and has access to student data, we could be handling a data breach
How does someone get ransomware?

- Password getting phished or stolen
- Installing malware
- Falling behind on installing security updates
Secure Your Accounts

- Hackers compromise sites and steal passwords
- They test those passwords against other online services
- Don’t reuse the same password on multiple sites
- Enable 2FA on your personal email account
- Sign up for haveibeenpwned.com to know when a site that you use has been breached
Don’t let your MFA get phished

- We require MFA for all employees
- MFA mitigates the risk of a password being stolen
- If you get an Okta push message and you didn’t log in to anything, say No, It’s Not Me
Use a Password Manager

- Creating unique passwords is difficult...
- Remembering passwords is difficult...
- Password managers can do both for you
- Remember one good password to unlock the vault
- The password manager handles pasting the correct password into each site
- LastPass, 1Password, KeePass, Dashlane

LastPass, 1Password, KeePass, Dashlane
Install software from App Stores

- Free software is often bundled with advertising software (Adware)
- Use a trusted App Store instead:
  - Apple App Store
  - Microsoft Store
  - Software Center (ISU)
Install software updates

• MacOS System Preferences, App Store, and Windows Update will tell you when you need to install updates
• Install them quickly!
• Some apps may also use native MacOS and Windows notifications to inform you about updates
Watch out for fake software updates

- They’ll lure you to install malware
- They always appear in a browser window
Unsolicited Microsoft Word docs

- Embedded macros will hack you
- You can safely preview these in Outlook Web
- Don’t enable content or editing
Look for phishing attacks

• They can come through email or other messaging apps
• Click links, but be mindful of what happens next
• If you end up somewhere unexpected or are asked to do something unexpected, let us know
• Inspect the sender email address

--- Original Message ---
From: Wendy Wintersteen <officep31@gmail.com> Public email domain
Sent: Friday, July 19, 2019 1:20 PM
To: [redacted email]
Subject: Availability Request

I’ll need you to complete a task for me discreetly, let me know if you are available.

Regards,
Wendy

• Don’t buy gift cards without calling the requestor first
• Don’t enter your password into a non-iastate.edu site
• Forward suspect emails to security@iastate.edu
Backup your data to a cloud service

• Protects you against ransomware
• Protects you against a storage failure
• Google Backup and Sync is free for Windows / MacOS
• OneDrive backs up important folders on Windows
QUESTIONS?
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Administrative Reports

Neo Thurston, Jr.
Extension and Outreach Equal Opportunity Specialist, Equal Opportunity Office
Welcome, and thank you for joining our virtual meeting!

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Professional and Scientific Council
Executive Committee Reports

- President – Sara Parris (for Chris Johnsen)
- Secretary/Treasurer – Sarah Larkin
- Vice President for Equity and Inclusion – Jahmai Fisher
- Vice President for University Community Relations – John Burnett-Larkins
- Vice President for University Planning and Budget – John Hascall
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Professional and Scientific Council

Committee Reports

- Awards – Susy Ankerstjerne
- Communications – Deanna Sargent
- Compensation and Benefits – Patrick Wall
- Peer Advocacy – Jacob Larsen
- Policies and Procedures – Paul Easker
- Professional Development – Matthew Femrite
- Representation – Jason Follett
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Unfinished Business and General Orders
New Business
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Open Discussion for the Betterment of Council
Video studio,
Student Innovation Center
Video editing equipment, Student Innovation Center
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Announcements

▪ Announcements from Councilors

▪ Seminar Series Event: “Moving On From Pronouns: Building Skills for Gender Equity and Inclusion at Iowa State University”
  November 9, 2:00 – 3:00 p.m., 3560 Memorial Union (hybrid event – attend in person or join by streaming on Webex)

▪ Executive Committee Meeting
  November 18, 10:00 a.m. – Noon, 206 Durham
Announcements, cont.

• General Council Meeting
  December 2, 2:10 – 4:00 p.m., South Ballroom, Memorial Union
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Adjournment