



GRAHAM
SUSTAINABILITY INSTITUTE
UNIVERSITY OF MICHIGAN

U-M Climate & Sustainability Updates

Jennifer Haverkamp

Graham Family Director, Graham Sustainability Institute

Associate Deans Group Meeting

January 7, 2022

Carbon Neutrality Acceleration Program (CNAP)

Faculty Research Grants

Phase 1: \$1.75M award to 7 teams in 2021

What went well

- High interest (Over 60 LOIs)
- Diversity - topics, units, disciplines
 - Egs: batteries, biosequestration, carbon capture, behavior change, equity, public perceptions, renewable technology, siting and policy

What fell short

- Limited potential impact
- Team readiness
- Single PI LOIs; few new collaborations

Related initiative: Clean Energy Conversations co-led with Nuclear Engineering & SEAS helping foster new collaborations across faculty

CNAP Faculty Research Grants, continued

Phase 2: ~\$2M available for grants

Possible approaches

- Targeted RFPs - specific topics, more social science
- Fewer larger vs. more smaller
- Research translation & commercialization (UM Innovation Partnerships)
- Matching funds
- Direct project support / demonstration projects
- Joint or complementary funding

UC3 and Midwest Climate Collaborative

Universities Climate Change Coalition (UC3)

- Joined in 2019
- ~20 R1 Universities in US, Canada and Mexico
- Participating in information exchanges on CN; joint fellows program on cities
- Leaders Summit in June 2022

Midwest Climate Collaborative

- Grew out of MW Climate Summit in 2020
- To launch later this month
- UM a founding member along w universities (OSU, U Wisconsin, WashU, U Chicago, Northwestern), cities, nonprofits
- Opportunity to showcase U-M climate leadership, exchange best practices, foster research and engagement collaborations, inter-university student networking

Capital Campaign Theme “Saving the Planet”

- Major focus on sustainability in the next capital campaign
 - Deans’ visioning process led to 5 themes, including “Saving the Planet”
 - Donors, alumni increasingly interested in supporting sustainability
- Campaign Theme Working Group charge: 3-5 Bold Ideas
 - Cochaired by Overpeck & Haverkamp
 - Group includes faculty from SEAS, COE, Ross, SPH, Ford, LSA, Taubman, OVPR
 - By end of Winter 2022
 - Ideas are to involve multiple units, address major challenges
 - Sustainability, not limited to climate & energy
 - “Distinctly Michigan”
 - Incorporate equity & justice, the arts, and student support
- Needed for impact: integrated, interdisciplinary collaborative work. How to foster this at U-M?

Some Questions for Discussion

- U-M is well-positioned to be a major player in climate/energy/sustainability research and impact. How do we harness this potential?
- What does “Distinctly Michigan” mean? What are our unique strengths and attributes?
- Bold ideas might include proposing new faculty cluster hires. Successful examples? What contributed to their success?
- Campaign Bold Ideas call for collaborative fundraising across units. How to do this successfully? What are the impediments to this?
- How can U-M institutions support collaborative faculty research for greater impact?
 - Structures, models, initiatives that help your faculty have greater impact?
 - Helping junior faculty find cross-disciplinary collaborators in covid times?
 - CNAP specific: should we offer few larger grants or many small grants?