



Board of Regents Special Meeting

February 2024

February 26, 2024

9:00 a.m.

Boardroom, McNamara Alumni Center

BOR - FEB 26, 2024 - Special Meeting

1. Interview Finalists for President of the University of Minnesota

Docket Item Summary - 3

Laura Bloomberg CV - 5

Rebecca Cunningham CV - 15

James Holloway CV - 39

2. Selection of President of the University of Minnesota - Review/Action

Docket Item Summary - 55

Resolution - 56



BOARD OF REGENTS DOCKET ITEM SUMMARY

Board of Regents

February 26, 2024

AGENDA ITEM: Interview Finalists for President of the University of Minnesota

Review

Review + Action

Action

Discussion

This is a report required by Board policy.

PRESENTERS: Regent Janie S. Mayeron

PURPOSE & KEY POINTS

The purpose of this item is for the Board of Regents to interview finalists for President of the University of Minnesota. At the February 2024 meeting, the Board selected the following finalists for President:

- Laura Bloomberg
- Rebecca Cunningham
- James Holloway

The finalists' CVs are included in the docket. The finalists will be interviewed in alphabetical order.

From February 12-21, the finalists individually visited each of the system's five campuses, participating in open houses and public forums and meeting with faculty, students, staff, alumni, community members, and donors. Input from those visits was shared with the Board in advance of this meeting.

BACKGROUND INFORMATION

Laura Bloomberg

Dr. Laura Bloomberg currently serves as the president of Cleveland State University. In her time as president, Bloomberg has guided several significant strategic initiatives related to campus planning, campus climate and building strong relationships with local policy and private partners. Bloomberg also plays a critical role, along with other university presidents and private CEOs, leading the Cleveland Innovation District, a research and economic development consortium.

Bloomberg initially joined Cleveland State's leadership team as provost and senior vice president for academic affairs. Before moving to Cleveland, she served four years as dean and, prior to that, four years as associate dean of the Humphrey School of Public Affairs at the University of Minnesota Twin Cities. In that capacity, she led the global expansion of the School, established a national pathway program for college students underrepresented in public policymaking and launched an internationally-focused Human Rights degree. She also successfully led the Humphrey School's

“Leading Together” fundraising campaign. As an educator, Bloomberg was a three-time recipient of awards for graduate-level teaching and advising.

Bloomberg holds a bachelor’s degree in special education from St. Cloud State University and a master’s in educational psychology from Cornell University. She earned her doctorate in educational policy and administration from the University of Minnesota.

Rebecca Cunningham

Dr. Rebecca Cunningham currently serves as the vice president for research and innovation at the University of Michigan, where she is responsible for fostering excellence and upholding the institution’s public mission in research, scholarship and creative practice across three campuses. During her leadership tenure, U-M has expanded its research volume to a record \$1.86 billion annually as Cunningham led the design and implementation of the first comprehensive review of the U-M research, scholarship and creative practice enterprise.

A faculty member in the U-M Schools of Public Health and Medicine since 1999, Cunningham previously served as the associate vice president for research-health sciences, where she oversaw research faculty affairs and partnered with colleagues across disciplines to facilitate and energize the University’s research agenda. Cunningham served in various leadership positions earlier in her career, including as associate chair of emergency medicine and director of the United States Centers for Disease Control and Prevention-sponsored Injury Prevention Center at the University of Michigan. As a researcher, Cunningham has earned continuous federal research funding for more than 25 years as a principal investigator and is a member of the National Academy of Medicine.

Cunningham holds a bachelor’s degree from Fairfield University and a medical doctorate from Jefferson Medical College. She completed her residency in emergency medicine at the University of Michigan Health System in Ann Arbor and a postdoctoral research fellowship with the National Institute on Alcohol Abuse and Alcoholism.

James Holloway

Dr. James Holloway currently serves as the provost and executive vice president for academic affairs at the University of New Mexico, where he is also a professor of nuclear engineering. As provost, he has focused on fostering excellence of the educational, research and outreach environment at UNM’s flagship Albuquerque campus, as well as campuses in Gallup, Los Alamos, Taos and Valencia. He’s overseen growth in first-year students, undergraduate enrollment, research expenditures and philanthropic giving in his current role. He also played a key part in developing the UNM 2040 strategic planning framework.

His professional pathway balances research and a commitment to education, first at the University of Virginia as a research assistant professor of applied mathematics and engineering physics, and then at the University of Michigan, where he was ultimately appointed Arthur F. Thurnau Professor and professor of nuclear engineering and radiological sciences. He also served in administrative roles at U-M, including as associate dean for undergraduate education in the College of Engineering, vice provost for global and engaged education, and finally as vice provost for global engagement and interdisciplinary academic affairs. He is also an honorary member of the National Academy of Inventors.

Holloway holds a bachelor’s degree and master’s in nuclear engineering from the University of Illinois and a certificate in advanced studies in mathematics at Cambridge University. He earned his doctorate in engineering physics at the University of Virginia.

LAURA BLOOMBERG, Ph.D.

President
Cleveland State University
Cleveland, Ohio

EDUCATION

Ph.D: Educational Policy and Administration

University of Minnesota; Minneapolis, MN

MS: Educational Psychology and Measurement

Cornell University; Ithaca, New York

BS: Special Education/Developmental Cognitive Disabilities

St. Cloud State University; St. Cloud, MN (2 years)

University of Minnesota-Duluth; Duluth, MN (2 years general ed coursework)

EMPLOYMENT and ACADEMIC POSITIONS

Cleveland State University

President, 4/2022-present

Lead Northeast Ohio's only urban, public research university. with an operating budget of ~\$325M. Accomplishments to date include**:

- **University Operations and Facilities**
 - Finalized and secured external stakeholder support for 10 year campus master plan design.
 - Partnered with national consultant to design case for support and RFQ/RFP process to build new multiuse arena (in process).
 - Secured private and state capital funding to remodel research labs for CSU's Center for Gene Regulation in Health and Disease (GRHD accounts for 75% of all NIH funding at CSU; strong partnership with Cleveland Clinic).
 - In partnership with nearby community college, secured funding and launched "Scholar House" apartment complex for single parenting students with young children.
 - Restructured university marketing department; launched new CSU branding and communications initiative.
- **Internal/External Stakeholder Engagement**
 - Substantially improved Board-Administration relationships.
 - Successfully finalized faculty collective bargaining agreement.
 - Redesigned Government Relations function to deepen city/county/state/federal government engagement.
- **Funding and Finance**
 - Launched systemwide and interdisciplinary *Organizational Resilience/Financial Stability* initiative to buffer against projected future financial challenges.
 - Secured substantial naming gifts for Levin College of Public Affairs and Education, Mandel Honors College, Haddad Arts Initiative.
 - Exceeded fy23 philanthropic fundraising goal by 20%.

- **Student Recruitment, Retention, and Success**
 - Designed and launched Summer@CSU initiative to expose all K-12 students in the region to campus (in process).
 - Redesigned student affairs and launched new Division of Student Belonging and Success with aim to substantially increase student retention and persistence to graduation.
 - Launched President’s Equity Roundtable to review all campuswide goals/metrics through lens of equity and inclusion.
 - Restructured student Health and Wellness services; established campus healthcare partnership with Cleveland’s Metrohealth care system.

***No University president achieves success without strong partnerships. The accomplishments listed above were initiated by me, but their success reflects the collective work of the entire CSU senior leadership team.*

Provost and Senior Vice President for Academic Affairs, 2021-2022

- Served as Chief Academic Officer for campus with ~15,000 students; ~500 faculty, 1000 staff, 10 colleges (including graduate and honors colleges), 200 graduate and undergraduate majors; collaborative medical research/health professions degrees with Cleveland Clinic, University Hospitals.
- Direct reports included 10 deans, 3 vice provosts, VP for Research, and 4 directors (academic affairs fiscal operations, library, international programs, continuing education).
- Lead administrator on major collegiate realignment (restructuring 5 colleges into 3 realigned and renamed colleges); launched September 2021, , achieved “go live” target of July, 2022.
- Launched searches for and selected 4 new deans (for three newly realigned colleges and CSU online).
- Restructured Office of the Vice President for Research to report directly to the Provost; streamlining operations and deepening connection between academic affairs and research..

Humphrey School of Public Affairs, University of Minnesota

Dean, 6/2017-8/2021

Associate Dean, 2012-2017

- Led University of Minnesota’s School of Public Affairs, a global program preparing future leaders for careers in public life and serving as a premier forum for civic engagement, debate, and scholarship on critical domestic and international policy matters; During entire tenure as dean, the HHH was ranked as a top 10 public affairs program nationally (USNWR).

- Responsible for \$30 million annual operating budget; \$78 million endowment; 130 fulltime employees.
- Annually secured, led, supervised or oversaw ~\$14 million in sponsored research funds.
- Oversaw doctoral program in public affairs and six masters degree programs in public administration, public policy, international development practice, global human rights, science and environmental affairs, urban and regional planning.
- Led the national Public Policy and International Affairs Program which was headquartered at the Humphrey School (PPIA is a program to broaden pathways for underrepresented college students to pursue careers in public affairs and public service).
- Led the School's Humphrey International Fellows Program (one of the longest running residency programs within the U.S. Department of State's mid-career Fulbright Exchange Initiative).
- Served as 2020-2021 president of National Association of Schools of Public Affairs and Administration (NASPAA), which accredits public policy schools in the U.S. and across 10 additional countries throughout the world.

Humphrey School Professor (2007-2021)

Courses Taught

- Working in Teams: Crossing Disciplines and Learning from Difference (*I designed this course as a required 1 credit seminar for all incoming Humphrey School students and have taught multiple sections of it each fall since 2011*)
- Leadership to Address Global Grand Challenges (*interdisciplinary course jointly designed by me, a public health professor, and a veterinary medicine professor*)
- Leadership and Management of Organizations
- Program Evaluation Theory and Practice
- Creating Public Value in a Shared Power World
- Education Policy and Reform
- Child and Youth Policy in the United States

Advising

Have served as primary advisory for ~ 50 masters level graduate students; advised or co-advised 14 doctoral students (at Humphrey School, College of Education and Human Development); served on 25+ dissertation committees.

Research

My engaged research and academic inquiry has been supported by ~ \$15M in sponsored government and foundation grants over 12 years of active research and outreach before assuming administrative leadership roles (full grant list available upon request). This research has proceeded along four primary tracks (see publication list below):

1. Community-based program evaluation and participatory action research

2. P-20 Education policy, reform and innovation
3. Cross-boundary and shared models of leadership
4. Construction and perceptions of value in public service

Executive Director, UMN Center for Integrative Leadership 2007-2012

Principal and K-12 District Administrator, West Metro Education Program, 2000-2007

Assoc Director, UMN Institute on Community Integration, 1990-2000.

Adjunct Faculty Member; Educational Policy and Administration, University of Minnesota (1996-2003)

SERVICE TO PROFESSION

NCAA Horizon League
Board of Directors, 2022-present

Public Policy and Interational Affairs Program (PPIA)
Chair, Board of Directors, 2017-2021

Network of Schools of Public Affairs and Administration (NASPAA)
President, 2020-2021
Executive Committee, 2015-2018; 2020-2021

Commission on Peer Review and Accreditation (NASPAA); 2015-2018
Chair 2016-2018

U.S. Comptroller General’s Educators Advisory Panel (EAP); 2017-2021

Co-Chair, Minnesota’s P-20 Partnership working group: Postsecondary and Workforce Readiness; 2008-2009

Member, Women in Public Service Steering Committee (an initiative of the U.S. Department of State and Secretary of State Clinton); 2011-2013

COMMUNITY SERVICE AND BOARD LEADERSHIP

Member, Cleveland’s Playhouse Square Foundation Board of Directors, 2022-present

Member, Executive Council, Greater Cleveland Partnership, 2022-present

Member, Executive Council and Board of Directors, Downtown Cleveland Inc, 2022-present

Member, Destination Cleveland Board of Directors, 2022-present

Member, Board of Directors, Search Institute, 2021-2023

Member, Board of Directors, Pillsbury United Communities, 2016-2021
Board Chair, 2019-2021

Member, Board of Directors, United Way of Greater Twin Cities, 2018-2021
Community Impact Committee member, 2018-2021

Co-Chair, Minnesota's P-20 Partnership working group: Strategic Planning to Ensure Rigorous Course Taking among Middle and High School Students; 2010-2012

Chair of Steering Committee, Ethical Citizens for Minnesota's Future, 2010-2012

Member, STRIVE/Generation Next Minnesota Planning Committee, 2011-2012

Co-Chair, Minnesota's P-20 Partnership working group: Postsecondary Readiness; 2008-2009

Facilitator, Minnesota Quality Out of School Time Task Force, 2008-2009

Member, Association of Metropolitan School Districts, 1997-2004
Chair, 2003-2004

Elected Member, Mahtomedi, Minnesota, School Board, 1996-2004.

Member, Intermediate School District 916 School Board; 1999-2004.

Research Partner, Pew Partnership for Civic Change: *Wanted. Solutions for America*; 2000-2003

Member, United Way Vision Council: Strengthening Families, 1993-1999

Member, United Way of Minneapolis Research Task Force, 1996-2000

Member of Executive Committee, Dakota Communities Inc., Board of Directors, 1993-1998

Member and Chair of Public Policy Committee, Minnesota Governor's Council on Developmental Disabilities, 1991-1997

RECENT PRESENTATIONS AND INVITED KEYNOTES

[Over 300 invited workshops and presentations between 2012-2023 focused on global partnerships, community leadership, higher education and economic development; community-based program evaluation, interpersonal leadership skill development, paradox and polarity management for leaders, interdisciplinary and cross-sector leadership, global public value creation, K-12 educational leadership and policy implementation].

Sample presentations:

- [*The Future of Higher Education: A Conversation with Cleveland's College Presidents*](#); City Club of Cleveland (December, 2023).

- Cleveland State University [2023 State of the University](#) Address (October 2023)
- *Thoughts on Leadership in Five Chapters*; Opening Keynote for Leadership Cleveland (September, 2023).
- *Re-Imagining our Civil Dialogues: Calling In or Calling Out?*; National Youth Development Keynote Address (April, 2021 [delivered via webinar])
- *Thriving in our New Global Civic Square*; NASPAA Presidential Address (October, 2020; [due to the pandemic, this presentation was delivered via webinar])
- *40 Years and Forward: Inspiring Leadership for a Shared Power World* ; Invited Keynote address for the 2019 Global Leadership Forum, Washington DC (October 2019)
- *We the People: Reclaiming the Public Square*; 12th Annual David Rothenberger Distinguished Lecture (invited lecture, September, 2019)
- *Visionary Leadership: Grand Challenges and Grand Opportunities*; Invited half-day workshop for the UMN Office of Equity and Diversity LEAD cohort training program for University Administrators (I offered this workshop annually, most recently in May, 2017).
- *Community-based learning and civic engagement in global public affairs education*; Invited presentation, Doha Institute, Qatar; and Beijing, China (November, 2017; November 2019)
- *Opportunities for Non-traditional Models of Education in Schools of International Affairs*; APSIA conference; Singapore (January, 2017).
- *Community-based learning and contextualized methods in public affairs education*; Invited NASPAA presentation, Renmin University, Beijing (April, 2015)

PUBLIC COMMENTARIES (a sampling)

1. Baston, M and Bloomberg, L (January 2023). [Education is a Civil Right, yet nearly 60 years after the Civil Rights Act, inequity persists](#). Commentary in Cleveland Plain Dealer.
2. Finnegan, J., Bloomberg, L., Durgan, B., Kreitzer, MJ., Laird, V. (January, 2021). [When it comes to health we must invest in prevention, rather than just repairing damage already done](#). Commentary in Minneapolis Star Tribune.
3. Bloomberg, L and Jenkins, G (June, 2020). [To achieve justice we need new legislation, new policies, new training, new organizational cultures](#). Commentary in MinnPost.

4. Bloomberg, L (October, 2018). [*Josie Johnson: risk taker, trailblazer, equality champion, role model*](#). Commentary in MinnPost.

AWARDS and RECOGNITION

Northeast Ohio Woman of Achievement (named in 2023; to be inducted 2024)

Fellow of the National Academy of Public Administration; nominated, inducted in 2019

Distinguished Alumni Award, College of Education and Human Development, University of Minnesota; 2017

Jernberg Award for the Improvement of Student Life (awarded by HHH student vote); 2013

Awarded University of Minnesota Fellowship for Internationalizing Teaching and Learning across the University Curriculum (2012-2013)

Outstanding University of Minnesota Faculty Member (awarded by University of Minnesota Council of Graduate Students); 2011

Faculty Member of the Year, (nominated by HHH graduate students); 2011

Core Instructor of the Year (nominated by HHHgraduate students); 2010

PROFESSIONAL AFFILIATIONS

- Coalition of Urban Service Universities (USU)
- Association of Public and Land-Grant Universities (APLU)
- American Association of State Colleges and Universities (AASCU)
- American Council on Education (ACE)
- National Academy of Public Administration
- American Evaluation Association
- American Educational Research Association
- International Leadership Association
- Academy of Management
- National Association of Secondary School Principals
- Association for Supervision and Curriculum Development
- Policy Fellow, Institute for Educational Leadership

**PEER REVIEWED PAPERS,
MONOGRAPHS, CHAPTERS, BOOKS**

1. Crosby, B., Bryson, J. M. & Bloomberg, L. (2015). (Eds.) *Public Value and Public Administration*. Washington, DC: Georgetown University Press.
2. Bryson, J. M., Crosby, B. & Bloomberg, L. (2015). (Eds.) *Creating Public Value in Practice*. Boca Raton, FL: CRC Press, Taylor & Francis Group.
3. Bryson, J.M., Crosby, B and Bloomberg, L. *Public value governance: Moving beyond public administration and new public management*. Public Administration Review, (June, 2014). This is the introductory essay to a symposium on public value edited by the three authors.
4. Bloomberg, L and Hueston, W (2014). *The Changing Agricultural Workforce: Challenges and Opportunities for the Worker, the Employer, and the Community (a Finding Common Ground Leadership Policy Report)*. University of Minnesota: Center for Integrative Leadership and Global Initiative for Food Systems Leadership.
5. Bloomberg, L and Hueston, W (2013). *Food Labeling: Nice to Know or Need to Know? (a Finding Common Ground Leadership Policy Report)*. University of Minnesota: Center for Integrative Leadership and Global Initiative for Food Systems Leadership.
6. Bloomberg, L and Hueston, W (2012). *Ensuring Food Safety: Whose Responsibility Is It? (a Finding Common Ground Leadership Policy Report)*. University of Minnesota: Center for Integrative Leadership and Global Initiative for Food Systems Leadership.
7. Sandfort, J, and Bloomberg, L (2012). *InCommons: Supporting Community Based Leadership*. Community Development Journal, 43:1, 12-30
8. Bloomberg, L and Hueston, W (2011). *Antibiotic Use in Agriculture: What's the Right Balance? (a Finding Common Ground Leadership Policy Report)*. University of Minnesota: Center for Integrative Leadership and Global Initiative for Food Systems Leadership.
9. Bloomberg, L (2011). *Promoting Youth Engagement and Success (Project YES): Lessons Learned in Sustaining Systemic Change for Youth Placed at Risk*. St. Paul, MN: Minnesota Department of Education.
10. Bloomberg, L and Marcus A (2010). *Policy and Paradox: Cross Sector Leadership for a new Economy; Integrating Research and Practice*. University of Minnesota: Center for Integrative Leadership
11. Bloomberg, L and Wherry, S (2010). *Establishing a Statewide Plan to Ensure Rigorous Course Taking by Minnesota Students*. St. Paul, MN: Minnesota Department of Education
12. Bloomberg, L, Crist, C, and Klinzing, K (2009): *The Road Map to College and Career Readiness for Minnesota Students*. St. Paul, MN: Minnesota Department of Education.

13. Bloomberg, L, Berman, I and Nathan, J (2009): *Achieving Excellence at Scale: State support for High-Performing Charter School Expansion*. Washington DC: National Governors Association.
14. Bloomberg, L, Berman, I and Nathan, J (2008): *Improving Charter School Leadership*. Washington DC: National Governors Association.
15. Bloomberg, L (2007). *Twenty First Century Community Learning Centers: Increasing Student Achievement through a Celebration of Urban Arts and Humanities*. St. Paul, MN: Minnesota Department of Education.
16. Bloomberg, L, and Ganey, A. (2003). *Working Together for Kids: Leading Community Coalitions and Partnerships*. Pew Partnership for Civic Change (invited book chapter).
17. Bloomberg, L. et al (2003). *The Chicano-Latino Youth Leadership Institute: Evaluation of An Asset-Based Program for Youth*. Amer Journal of Health Behavior, 27, 45-54.
18. Hayden, M. F., and Bloomberg, L. (2002). *An Analysis of the Greek-Cypriot and Turkish-Cypriot Educational Service Systems for Children and Adults with Disabilities*. Washington DC: America-Mid East Educational Training Services (AMIDEAST)
19. Cutler, J, and Bloomberg, L (2002). *School and Community-Based Capacity Building: How are Low Income Families and Communities of Color Engaged in the Process?* Minneapolis: Full Circle Community Institute.
20. *The Faces of Change: Transition from High School to Adult Life for Youth with Disabilities*. (contributing author) (1997). St. Paul, MN: MN Dept of Children, Families, and Learning.
21. Bloomberg, L. (1997). *Co-Funded Mental Health Programs in Goodhue County: An Evaluation of Outcomes and Impact*. Goodhue County , MN: The Goodhue Ed District.
22. *Teacher Retention and Charter School Sustainability: A Report of the National Study of Charter Schools* (contributing author) (1999). Emeryville, CA: RPP International.
23. Johnson, D.R., Bloomberg, L., Bruininks, R.H., and Lin, H.C. (1997). Results of a national follow-up study of young adults with severe disabilities. Journal of Vocational Rehabilitation, 8, 119-133.
24. Bloomberg, L. (1996). *Theories of Action in Interagency Collaborative Initiatives: An Exploratory Study*. University of Minnesota: Unpublished Dissertation.
25. Bloomberg, L., Ingram, D., and Seppanen, P. (1996). *Minnesota's Family Services Collaboratives: A Summary of Outcomes Evaluation Plans and Progress Reports*. Minneapolis, MN: Center for Applied Research and Educational Improvement.
26. Bloomberg, L., Seppanen, P., and Stewart, D. (1995). *The Design, Delivery and Evaluation of Community-Based Family Service Collaboratives: A Review of the Literature*. Minneapolis, MN: Center for Applied Research and Educational Improvement.

27. *Implementing a Comprehensive Education and Employment Transitions System in Minnesota.: A Report to the 1995 Minnesota Legislature* (L. Bloomberg, editor) (1995). St. Paul, MN: Minnesota Department of Education.
28. Seppanen, P. and Bloomberg, L. (March, 1995). *Evaluation of Minnesota's Family Service Collaboratives and Children's Initiative Partners: A Resource Manual*. Minneapolis, MN: Center for Applied Research and Educational Improvement.
29. Bloomberg, L., Seppanen, P., and Stewart, D. (1995). *The Design, Delivery and Evaluation of Community-Based Family Service Collaboratives: A Review of the Literature*. Minneapolis, MN: Center for Applied Research and Educational Improvement.
30. *Implementing a Comprehensive Education and Employment Transitions System in Minnesota.: A Report to the 1995 Minnesota Legislature* (L. Bloomberg, editor) (1995). St. Paul, MN: Minnesota Department of Education.
31. Bloomberg, L. (1995). Interorganizational policy development and implementation: An examination of the School-Human Services Redesign Initiative in Hennepin County, Minnesota. In J. Hudson and B. Galaway (Eds), *Child Welfare in Canada: Research and Policy Implications*. Toronto, Ontario: Thompson Educational Publishing, Inc..
32. Bloomberg, L. and Hirsch, J. (1994). *Learning Readiness Programs: An Analysis of Process and Outcomes*. Minneapolis, MN: Institute on Community Integration.
33. Bloomberg, L. & Schirvar, W. (1994). *Success-By-6 1993 Evaluation Report*. Minneapolis, MN: United Way.
34. Bloomberg, L. and Hirsch, J. (1994). *Learning Readiness Programs: An Analysis of Process and Outcomes*. Minneapolis, MN: Institute on Community Integration.
35. Bloomberg, L. and Rounds, T. (1993). *School Human Service Redesign Initiative: Perspectives from Lead Staff*. Minneapolis, MN: United Way.
36. Bloomberg, L. (1992). *Interpretation of the Americans with Disabilities Act: Paratransit Regulations*. Minneapolis, MN: Regional Transit Board.
37. Bloomberg, L., & Braaten, S. (1989). *An evaluation of Level IV and V E/BD Programs in the Minneapolis Public Schools*. Minneapolis, MN: Minnesota Data Effectiveness Project.
38. Bloomberg, L. (1989). *The establishment of an effective special education service delivery model: An evaluation of systems and outcomes*. Ithaca, NY: Ithaca City School District.
39. Bloomberg, L. (1987). *The effect of school organization on the self concept of learning disabled adolescents*. Ithaca, NY: Cornell University: Unpublished Thesis.

Rebecca M. Cunningham

Vice President of Research and Innovation University of Michigan, Ann Arbor MI 2019 - Present

I currently serve as the Vice President for Research and Innovation across the three campuses of the University of Michigan. During my tenure I navigated the turbulent transitions of multiple provosts and presidents, which allowed me to serve the university well beyond the typical role of VPRI often leading roles in the provost portfolio in less turbulent times. During this time, I advanced undergraduate student success through expanded engaged learning opportunities, and advanced diversity and equity across the academic mission. Under my leadership, the University grew research expenditures by 16% while supporting the faculty across campus that make the research mission possible with a focus on synergy with student success. I spearheaded the first university economic development plan, including initial plans for an innovation district, creating a deeper university engagement across our local community and the region.

Key Deliverables in Executive Leadership for University of Michigan beyond VPR role 2020- 2023

- Serve as Executive Officer, advising and reporting to the University President, engaging with executive officers, and briefs on all high priority issues facing the University on a daily/ weekly basis from state budget allocation to student enrollment and crisis management.
- Liaise with the Board of Regents regularly on research, economic development, and innovation matters.
- Launched an Faculty Pandemic Relief Program following campus-wide listening sessions, surveys, and stakeholder interviews of faculty, staff, and trainees. Launched a support program to aid our junior and early career researchers most impacted by the pandemic.
- Spearheaded and organized the development of \$70M institutional investment to support 30 diverse faculty hires through the faculty diversity hiring program, “U-M Invests in hiring 30 diverse faculty across biomedical research.”
- Spearheaded reorganization of undergraduate summer program for freshman and sophomore to scale up across university to ensure every undergrad has access to engaged learning in research.
- Executive representation on U-M Campaign Committee with University Development to provide strategic planning on integration with U-M research enterprise with a focus on cross unit/school fundraising initiatives.
- Provide executive leadership for current campus visioning spring 2023 for “U-M 2034”.
- Provided executive leadership for current Ann Arbor master planning for UM 2050 infrastructure.
- Secured 400M state of Michigan commitment for key strategic partnership that advances state and UM goals. Lead the negotiations and strategy overseeing coordination across 5 executive offices.
- Keynote and Hosted UM Congressional Breakfast in DC 2022 with 300 DC policy makers and stakeholders during presidential transition.
- Smoothly managed and grew a complex portfolio while supporting turbulent administrative transition of three presidents, three provosts in past 2 years.

Vice President Research and Innovation Scope and Key Deliverables Administrative

- Oversee one of the nation’s largest public university research enterprises across three campuses and health system.
- Modernized and transformed the VPR office; optimized operations, clarified mission, hired exceptional senior management team, enhanced morale, and improved visibility and reputation on campus and value driven action across the 19+ schools and colleges and three campuses.

Rebecca M. Cunningham

- Lead team of 14 associate and assistant vice presidents (ie development, communications, business administration, IT, space allocation, human resources, compliance, research faculty affairs)
- Oversee central unit of >400 people including institute directors, faculty, post-docs and staff.
- Budget and HR oversight of 30+ units
- Redesigned reporting for all direct reports utilizing data-supported rubrics in combination with goals.
- Created research dashboard reporting for all schools and unit leadership across 3 campuses.
- Manage, analyze, and grow \$1.8 B U-M research expenditures.
- Lead analysis, strategy, and implementation to address future research expenditures growth across three campuses <https://research.amplify.research>.
- Created strategic OVPR research plan and conducted oversight for a complex comprehensive internal review of U-M research ecosystem, engaging in depth analysis with 19 deans, institute directors, chancellors, and central units and external blue-ribbon panel.

Academic Oversight

- Oversee regular meetings of Council of Deans across campuses who guide and advise on UM research and creative practice strategy.
- Oversee and convene committee 25 research associate deans across three campuses monthly.
- Primary oversight of university-wide promotion of the research scientist track
- Joint oversight with the provost of all academic casebooks of research professor's
- Revised the Research Scientist faculty track.
- Oversight of graduate curriculum and education programs in research institutes.
- Launched new undergraduate summer internship program for junior year undergrads to support student success.
- Launched a Central Postdoctoral Resource office.
- Led national searches for senior executive staff, directors of academic research institutes.

Catalyzing / Fundraising / and Stewardship of new University-wide VPR Initiatives

- Grew U-M Research Expenditures by >\$225M (16%) over five years, including COVID, launching UM to over 1B in external research funding for the first time (1.8 billion Total Research funding).
- Engaged in leadership gift solicitation in the quiet phase of campaign exceeding targets and closing multiple gifts exceeding total of \$35M.
- Launched the presidential initiative, Institute for Firearm Injury Prevention, with a community engaged, apolitical focus, state, and campus-wide support. Raised \$20M to date. This includes a strong history and focus on inclusion of viewpoints across the political spectrum on a fraught topic.
- Launched Hydrogen and Energy Solutions Initiatives, Quantum Research Institute and Opioid Solutions Institute.
- Steward development and philanthropic oversight of \$20M global research initiative in middle east.
- Led the creation of the new university-wide, Bold Challenges initiative to bring together social science and technical researchers to advance solutions to large societal problems that intersect sustainability, infrastructure, and health.
- Launched the Research Catalyst and Innovation Program, which features four new funding mechanisms to support faculty to catalyze multidisciplinary research.
- Spearheaded new UM National Lab Strategy.

Ethics and Compliance

- Reorganized university-wide research compliance portfolio that includes research misconduct.
- Revamped, centralized, and streamlined faculty Conflict of Interest reporting.
- Management and responsibility for academic and coordination of high-profile cases of research misconduct including public relations response.
- Revised existing oversight and Standard Practice Guide (SPG) of minors on campus to include minors in research providing oversight and protection for our most vulnerable research participants.

Rebecca M. Cunningham

Diversity, Equity, and Inclusion across the U-M Research Enterprise

- Developed first DEI plan for research enterprise.
- Launched a \$2M initiative for anti-racism research and scholarship.
- Elevated DEI leadership in OVPR to the executive team to advance transformational change.
- Launched best practices for the research enterprise for peer review of internal funds.
- Created program “Aspire to Innovate”—a networking with measurable success in advancing diversity of faculty entrepreneurs.
- Provided executive input into development updated policy for free speech at UM.

Community, State, Federal Engagement / Government Relations/ Economic Development

- In partnership with the Office of the Vice President for Government Relations, jointly oversee and direct the U-M Office of Federal Relations.
- Set the institutional federal research advocacy agenda for the U-M Office of Federal Relations to safeguard and protect the University’s federal research interests.
- Developed with local and state public/private stakeholders stakeholder support across state and local government 6-point UM Economic Development plan to spur innovation and economic development in the state of Michigan and region.
- Collaborated with the legislature and state government on state and federal funding requests, capital project needs for research priorities, and programmatic launches.
- Provided federal testimony advocating for higher education principles before the U.S. Senate Subcommittee on Federal Spending Oversight and Emergency Management hearing on the importance of “Federal Support for Research Federal Funding.”
- Led the mobilization of the Healthy Flint Coordinating Center- elevating community organizers in Flint Michigan during the Flint Water Crisis into partnership with 3 major local universities.
- Decades history of community engaged research practice.

Innovation, Commercialization and Corporate Engagement

- Oversee reorganization, growth, and rebranding of Tech Transfer, elevating to record high on innovation metrics- launching over 20 new startups and over 500 new licenses in 2023.
- Led strategy for development of U-M Public -Private Partnership and Innovation Tech Hub.
- Launched the Accelerate Blue Fund to bridge the funding gap between initial launch and VC funding for startups based on University of Michigan intellectual property. Raised \$20M to date.
- Led consensus building with Tech Transfer office and stakeholder deans through revamping the University patent policy to create a sustainable patent budget model.
- Created University’s first external presence, specifically focused on economic development in region, launching regular reporting with state partners on university impact and focus on economic development.

Crisis Management

- Developed consistent and transparent stakeholder engagement with mission- and people-focused COVID crisis communications that began with VPR virtual town halls (over 2,500 participants attended) and shifted to weekly, then monthly. “VPR Update” newsletter-style communications with a circulation of over 15,000.
- Led the research enterprise through a coordinated response to implement a smooth ramp-down of our 5,000+ laboratories, 6,000+ human subject research protocols, and complex animal research portfolio within days. Implemented a framework for assessing and minimizing loss or stoppage of critical, time sensitive research.
- Led planning and implemented a phased ramp-up of the research enterprise coordinated with all facets of the enterprise from the building custodians to students as well as deans, researchers, and the faculty governance and graduate student union. Led the initial re-opening of over 85 buildings through partnership with security for standardized screening and entry procedures allowing a daily average of over 5,000 researchers who were first to safely return to research activity in laboratories.

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- Crisis Management of executive portfolio and security during high profile shut down of university functions on first day of fall 23 class by malicious IT event.
 - Fluency with executive decision making needed in regard to campus safety planning related wide range of internal and external threats to campus safety.
-

Associate Vice President of Research – Health Sciences

University of Michigan, Ann Arbor MI

2017 – 2019

- Served as the Dean equivalent for oversight of institute directors, research faculty and staff affairs for six institutes and 150 people that reported directly through OVPR research institutes.
 - Served to coordinate and accelerate research portfolio of six health science schools under the VPR.
 - Primary oversight of university-wide research faculty affairs casebooks and promotion.
 - Launched the Healthy Flint Research Coordinating Center in response to multiple health challenges for the Flint community including the water crisis. This is a multi-institutional academic community partnership with Michigan State University and the U-M Flint and Ann Arbor campuses.
 - Regular portfolio review of 10 university wide institutes.
-

Associate Chair, Department of Emergency Medicine, Michigan Medicine

University of Michigan, Ann Arbor MI

2014 – 2017

- Oversight of academic research portfolio for the #1 NIH-funded academic Department of Emergency Medicine in the United States.
 - Management of research portfolios and research space of 100 faculty across two hospital and community sites.
 - Oversaw undergraduate internship program with Emergency Medicine researchers.
 - Developed Department's first mentoring and faculty development program for research and tenure track faculty.
 - Created inaugural, annual departmental research conference.
 - Developed Department's first parental leave policy for clinical faculty.
-

Director, U-M Injury Prevention Center

University of Michigan, Ann Arbor MI

2006 – 2020

- Directed as Inaugural Principal Investigator (PI) Center with over \$25M in research expenditures.
- Spearheaded three cycles of CDC investment and garnered over \$15M institutional investment based on excellence in institute performance.
- Launched cross campus institute with >100 faculty involved. Engaged with 12 U-M schools and two campuses forging a national reputation for excellence in injury prevention for U-M.
- Regular liaison with State and Federal policy makers and over 45 community organizations partnerships across the region.
- Community engagement and creation of data driven interventions to improve health and safety related in injury and violence.
- Appointed to Governor Snyder's Opioid Overdose Commission as a substance matter expert to inform the State strategy for the opioid crisis.
- Directed the federal advocacy agenda for a consortia of Centers for Disease Control and Prevention's (CDC) Injury Control Research Centers.

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- Capitol Hill Congressional Briefing “Addressing the Opioid Epidemic: Leveraging Partnerships, Research and Practice”, Washington, DC 2017
 - Directed Center’s team partnering with Michigan Creative on a messaging campaign supporting victims impacted by sexual misconduct.
 - Led team to participate in the National Collegiate Athletic Association sponsored Higher Education Summit on Sexual Assault Prevention.
 - Led the scientific evaluation in partnership with Sexual Assault Prevention and Awareness Center’s (SAPAC’s) of the U-M student sexual assault prevention program.
 - Spearheaded the Summit titled [The Prevention of Campus Sexual Assault](#). 2017
 - Served on the 2015 Faculty Advisory to address changes to the Student Sexual Misconduct Policy.
-

SUMMARY OF SCIENTIFIC SCHOLARSHIP & LEADERSHIP

- Elected to the National Academy of Medicine (NAM). Current co-chair of NAM task force, and Member of Special Emphasis NAM membership committee.
 - Strong record of research in clinical trials, social science, and public health, with scientific collaborations that span engineering, health communications, transportation, and public policy.
 - Research with a focus on highlighting the needs of vulnerable, underserved communities, including a trauma informed lens.
 - Over 200 publications/books
 - Publications in top journals (i.e., New England Journal, Science, JAMA)
 - Continuous federal research funding for 25+ years as Principal Investigator.
-

GLOBAL ENGAGEMENT AND LEADERSHIP

- Led the United States portion of a Fogarty-funded project that, along with in-country partners in Ghana, created a new curriculum and the first sustainable model for graduate professional training of emergency medicine physicians and nurses in Ghana including securing local country accreditation. This sustainable train-the-trainer effort remains a model across Africa and is in place today for delivery of emergency training across the health professions.
 - Led and collaborated with researchers and conducted academic training across Ghana, Poland and Ukraine.
 - Fogarty Ukraine Fogarty Training Program 2015
 - Fogarty Polish International Fogarty Training Program 2006 – 2011
 - Steward of Mideast research collaboration across three universities.
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APPOINTMENTS

Administrative

University of Michigan, Ann Arbor, MI

09/2023- Present	Vice President for Research and Innovation
04/2020 –09/2023	Vice President for Research
06/2019 - 03/2020	Interim Vice President for Research
05/2017 - 05/2019	Associate Vice President for Research-Health Sciences
07/2014 - 04/2017	Associate Chair for Research, Department of Emergency Medicine
09/2010 - 04/2020	Director, CDC-funded University of Michigan Injury Prevention Center
09/2006 - 09/2010	Director, Department of Emergency Medicine Injury Research Center

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State of Michigan, Lansing, MI

09/2016 - 08/2018 Governor Snyder's Commission for Michigan Prescription Drug and Opioid Abuse.

Academic

University of Michigan, Ann Arbor, MI

09/2019 - present William G. Barsan Collegiate Professor of Emergency Medicine
09/2014 - present Professor, Health Behavior and Health Education, School Public Health
09/2014 - present Professor, Department of Emergency Medicine Michigan Medicine
09/2010 - 09/2014 Associate Professor with Tenure, Department of Emergency Medicine
09/2010 - 09/2014 Associate Professor with Tenure, Health Behavior and Health Education SPH
06/2008 - 09/2010 Assistant Professor, Health Behavior and Health Education SPH
08/2004 - 09/2010 Assistant Professor, Department of Emergency Medicine
07/2001- 08/2004 Clinical Lecturer Department of Emergency Medicine
07/1999 - 07/2001 Post-doctoral T32 Fellow and Clinical Lecturer, Department of Emergency Medicine

Clinical

University of Michigan, Ann Arbor, MI

07/1999 - 2021 Attending Physician, Department of Emergency Medicine

Hurley Hospital, Flint, MI

07/1999 - 2010 Attending Physician, Department of Emergency Medicine

EDUCATION AND TRAINING

09/2016 - 06/2017 Fellow, Executive Leadership in Academic Medicine (ELAM)
07/1999 - 06/2001 Postdoctoral Research Fellow, NIAAA T32 National Institute on Alcohol Abuse and Alcoholism, Ann Arbor, MI
07/1996 - 06/1999 Residency, Emergency Medicine, University of Michigan Health System, Ann Arbor, MI
09/1992 - 06/1996 MD, Jefferson Medical College, Philadelphia, PA
09/1988 - 05/1992 BS, Fairfield University, Fairfield, CT (First Generation, Pell Grantee)

(RECENT) NATIONAL BOARD SERVICE

2023 - present Council on Competitiveness Technology Leadership and Strategy Initiative
2022 - present Elected Board of Trustees Member, Internet2
2023 - present Co- chair National Academy Medicine Interest group
2023 - present Subject Emphasis Election Subcommittee member, National Academy of Medicine
2019 - present Chair of Task force, National Academy of Medicine

RECENT AWARDS AND RECOGNITIONS

2023 Detroit Crain's – Notable Leader in Higher Education
2019 Elected Member, National Academy of Medicine
2019 Society for Academic Emergency Medicine, Excellence in Research Award
2019 American College of Emergency Physicians Outstanding Contribution in Research

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(SELECTED) RECENT INVITED PRESENTATIONS

Public speaking experience at venues up to several thousand with keynotes at major conferences in US and globally. Extensive media experience with local and national outlets. Numerous television, radio, and print interviews.

2023	Research!America, Guest Speaker “The Role of Evidence-based Research”
2023	NIH/NICHD Science Friday: “FACTS and a Public Health Path Forward”.
2022	Directors Keynote National Institutes of Health Office of Behavioral and Social Sciences Research "Behavioral Health and Injury Prevention: The Emergency Department as a Window to Community and Population Health
2021	Keynote Speaker American Academy of Pediatrics
2020	National Academies of Sciences, Engineering, and Medicine: Forum on Postsecondary Response to COVID-19: How are laboratories shifting research agendas?
2019	The Science Coalition, Champion of Science Award Ceremony with Congressman

SELECTED MEDIA

Substantial experience with media and press across formats from print to video.

- Interviews with most major local and national outlets, CNN, NPR, Chronicle of Higher Education, The Conversation, Reuters.
- *MLive*
 - \$71M grant to translate medical research into treatments through University of Michigan (April 2023)
 - University of Michigan near top nationally in research spending. Where does rest of the state rank? (February 2023)
 - University of Michigan reports record \$1.7B in research spending in 2022 (September 2022)
 - \$100M contributed to state economy through University of Michigan research (March 2022)
 - \$15M research partnership renewed by University of Michigan, Toyota Research Institute (January 2021)
 - University of Michigan to launch second wave of research re-engagement (June 2020)
 - University of Michigan gradually resuming laboratory, studio-based research in coming weeks (May 2020)
 - \$7.5M federal grant to aid American Center for Mobility, MCity (September 2019)
- Crain’s Detroit Business
 - University of Michigan launches \$55 million Quantum Research Institute (May 2023)
 - University of Michigan conducted \$1.62 billion of research in fiscal 2020 (November 2020)
- Michigan Economic Development Corporation
 - The Michigan Opportunity Podcast with Ed Clemente (June 2021)
- Digital Journal
 - New institute seeks to tackle the US opioid crisis (April 2023)
- The Chronicle of Higher Education interview
 - We Lost the Whole Field’: Scientists Work to Revive Gun Research After a 20-Year Chill (2019)
- The Conversation
 - The Facts on US children and teens killed by firearms 2019

SELECTED TEACHING AND CURRICULAR EXPERIENCE (AS FACULTY)

- Teaching and mentoring of all levels of U-M trainees, including coursework for undergraduate, graduate, and post-doctoral students in the School of Public Health, Medicine, and Health professions schools.
- Curricular development of both traditional and online content
- Global curricular development and accreditation of Physician and Nursing Curriculum in

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Emergency Medicine Kumasi Ghana

- Directed Undergraduate Summer injury research internship program 2010-2018
 - Led Phd post-doctoral training program in Injury Prevention 2009-2020
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194. Academic ED SBIRT Research Collaborative (**Cunningham RM**): The Impact of Screening, Brief Intervention, and Referral for Treatment on Emergency Department Patients' Alcohol Use *Ann Emerg Med* 50(6): 699-710.e6, 2007.
195. Goldstein AL, Walton MA, **Cunningham RM**, Trowbridge MJ, Maio RF: Violence and substance use as risk factors for depressive symptoms among adolescents in an urban emergency department. *J Adolesc Health* 40(3): 276-279, 2007.

Rebecca M. Cunningham

196. Walton MA, **Cunningham RM**, Chermack ST, Maio R, Blow FC, Weber J: Correlates of violence history among injured patients in an urban emergency department: gender, substance use, and depression. *J Addict Dis* 26(3): 61-75, 2007.
197. **Cunningham RM**, Walton MA, Tripathi SP, Weber JE, Maio RF, Booth BM: Past-year violence typologies among patients with cocaine-related chest pain. *Am J Drug Alcohol Abuse* 33(4): 571-582, 2007.
198. Flynn HA, Walton MA, Chermack ST, **Cunningham RM**, Marcus SM: Brief detection and co-occurrence of violence, depression and alcohol risk in prenatal care settings. *Arch Womens Ment Health* 10(4): 155- 161, 2007.
199. Academic ED SBIRT Research Collaborative (**Cunningham RM**): An evidence-based alcohol screening, brief intervention and referral to treatment (SBIRT) curriculum for emergency department (ED) providers improves skills and utilization. *Subst Abuse* 28(4): 79-92, 2007.
200. **Cunningham RM**, Walton M, Trowbridge M, Weber J, Outman R, Benway A, Maio R: Correlates of violent behavior among adolescents presenting to an urban emergency department. *J. Pediatr.* 149(6): 770-776, 2006.
201. **Cunningham RM**, Vaidya RS, Walton M, Maio RF: Training emergency medicine nurses and physicians in youth violence prevention. *Am J Prev Med* 29(5 SUPPL. 2): 220-225, 2005.
202. Booth BM, Weber JE, Walton MA, **Cunningham RM**, Massey L, Thrush CR, Maio RF: Characteristics of cocaine users presenting to an emergency department chest pain observation unit. *Acad Emerg Med* 12 (4): 329-337, 2005.
203. Forchheimer M, **Cunningham RM**, Gater DR, Maio RF: The relationship of blood alcohol concentration to impairment severity in spinal cord injury. *J Spinal Cord Med* 28(4): 303-307, 2005.
204. Flynn HA, Davis M, Marcus SM, **Cunningham RM**, Blow FC: Rates of maternal depression in pediatric emergency department and relationship to child service utilization. *Gen Hosp Psychiatry* 26(4): 316-322, 2004.
205. **Cunningham RM**, Walton MA, Maio RF, Blow FC, Weber JE, Mirel L: Violence and substance use among an injured emergency department population. *Acad Emerg Med* 10(7): 764-775, 2003.
206. Denninghoff KR, Knox L, **Cunningham RM**, Partain S: Emergency medicine: competencies for youth violence prevention and control. *Acad Emerg Med* 9(9): 947-956, 2002.
207. **Cunningham RM**, Maio RF, Hill EM, Zink BJ: The effects of alcohol on head injury in the motor vehicle crash victim. *Alcohol Alcohol.* 37(3): 236-240, 2002.
208. **Cunningham RM** & Mikhail MG: Management of patients with syncope and cardiac arrhythmias in an emergency department observation unit *Emergency medicine clinics of North America* 19(1): 105-21, 2001. myocardial infarction in a 14-month-old child. *Ann Emerg Med* 35(6): 618-622, 2000.
209. **Stroh R**, Christopher TA, Lopez BL, Guo YP, Amico-Roxas M, Ma XL: L-propionyl carnitine, an endogenous ester in fatty acid metabolism, exerts anti-shock and endothelial protective effects in rat splanchnic ischemia-reperfusion injury. *Shock (Augusta, Ga.)* 9(3): 216-22, 1998.

PAST GRANTS

Building Research Capacity for Firearm Safety among Children (FACTS) R24HD087149 (Cunningham/Zimmerman)	09/01/2017 - 08/31/2023 \$7,872,849
National Institutes of Health	
The University of Michigan Injury Prevention Center R49CE002099 (Cunningham) Centers for Disease Control and Prevention	08/01/2019 – 07/31/2024 \$4,201,354
Role: PI (stepped down in 2020)	
Reducing Non-Medical Opioid Use: An Automatically Adaptive mHealth Intervention	05/01/2016 - 01/31/2021 \$2,817,357

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R01DA039159 National Institutes of Health/National Institute of Alcohol Abuse and Alcoholism Role: Co-I (PI: Bohnert)	
Adaptive Interventions to Reduce Risky Drinking and Violent Behaviors among Adolescents R01AA024755 National Institutes of Health/National Institute of Alcohol Abuse and Alcoholism Role: PI- moved to Co-I in 2017 (Cunningham/Walton-Multi-PI)	08/15/2016 - 07/31/2021 \$2,947,570
M-Health to Decrease Youth Substance Misuse & High Risk Illegal Firearm Behaviors National Institute for Drug Abuse K Role: Co-I/Mentor (PI: Carter)	05/01/2016 - 04/30/2021 \$911,520
Michigan Youth Violence Prevention Center Community Engagement and Revitalization Centers for Disease Control and Prevention Role: Co-I (PI: Zimmerman)	09/30/2015 - 09/29/2020 \$6,000,000
Social Media Interventions to Reduce Alcohol Use among Youth R01 AA 024175 National institutes of Health Role: Co-I (PI: Walton)	09/20/2015 - 08/31/2020 \$3,247,113
System for Opioid Surveillance F045389 Michigan Department of Health and Human Services Role: MPI	10/17/2016 - 08/31/2019 \$110,000
Michigan Core Violence and Injury Prevention Program (Michigan VIPP) Centers for Disease Control-Subcontracts to Michigan Department of Health and Human Services Role: PI	10/01/2017 - 09/30/2018 \$32,274
Medical Marijuana: Longitudinal Trajectories in Use, Pain and Functioning R01 DA 033397 National Institutes of Health/National Institute of Alcohol Abuse and Alcoholism Role: Co- I (PI: Ilgen)	05/01/2013 - 02/28/2018 \$272,282
Emergency Department Screen for Teens at Risk for Suicide (ED-STARS) U01MH104311 National Institutes of Health Role: Co-I (PI: King)	08/12/2014 - 06/30/2018 \$3,551,713
Resiliency and Promotive Factors in Polyvictimized Youth R03HD083397 National Institutes of Health Role: Co-I (PI: Heinze)	03/14/2016 - 02/28/2018 \$50,000 direct
Substance Use, Violence and HIV Risk: Age-specific Risk Factors and Drivers of Comorbidity National Institutes of Health R03DA039003-02 Role: Contact NIH PI (Cunningham/Goldstick)	02/01/2015 - 01/31/2018 \$49,500 direct

Rebecca M. Cunningham

Measurement and Methodology for Daily Patterns of Drug Use and Related Behaviors R01 DA035183	08/01/2014 - 03/31/2018 \$1,947,090
Indiana University Sub of: National Institute for Drug Abuse /National Institutes for Health Role: Contact NIH PI (Cunningham/Walton/Buu)	
Michigan Core Violence and Injury Prevention Program (MI VIPP) SubK-Centers for Disease Control and Prevention-Department of Health and Human Services-US through a consortium with Michigan Department of Health and Human Services Role: PI	11/2016 - 09/2017 \$58,333
Youth Violence Prevention through Environmental Design Centers for Disease Control and Prevention-Department of Health and Human Services Role: Co-I and Associate Director (PI: Zimmerman)	09/2014 - 08/2017 \$1,050,000
U01 MH104311: Emergency Department Screen for Teens at Risk for Suicide (ED-STARS) National Institutes of Health-Department of Health and Human Services-US Role: Co-I without effort (PI: King)	08/2014 - 07/2017 \$8,882,695
The University of Michigan Injury Center Centers for Disease Control and Prevention-Department of Health and Human Services-US Role: PI and Center Director	08/2012 - 07/2017 \$4,527,392
Comprehensive Public Health Approach to America's Opioid Epidemic (JHCIPR network)	12/2016 - 06/2017 \$60,000
Centers for Disease Control and Prevention-Department of Health and Human Services- US through a consortium with The Safe States Alliance Role: Co-I without effort (PI: Carter)	
Substance Use, Violence and HIV Risk: Age-specific Risk Factors and Drivers of Comorbidity National Institutes of Health - 1R03DA-01 Role: Co-PI (PI: Goldstick)	04/2015 - 03/2017 \$50,000
Feasibility Study for Developing an In-Vehicle Emergency Medical Condition Detection System Toyota Technical Center, USA Role: Co-I (PI: Najarian)	07/2016 - 02/2017 \$159,413
R01 DA033397: Medical Marijuana: Longitudinal Trajectories in Use, Pain and Functioning National Institutes of Health-Department of Health and Human Services Role: Co-I (PI: Ilgen)	05/2016 - 02/2017 \$2,200,515

Rebecca M. Cunningham

K23 HD070913: Brief ED Intervention to Increase Size-Appropriate Child Passenger Restraint Use K-Award Role: Co-I without effort (PI: Macy)	02/2012 - 01/2017 \$669,600
Optimizing Alcohol Brief Interventions in the ED: Computer vs. Clinician Delivery National Institutes of Health-Department of Health and Human Services-US R01 AA018659: Role: Co-I (PI: Blow)	07/2010 - 06/2016 \$3,731,202
MI Youth Violence Prevention Center Centers for Disease Control and Prevention-Department of Health and Human Services-US Role: Co-I (PI: Zimmerman)	10/2010 - 09/2015 \$4,180,130
Ghana Emergency Medicine Collaborative Training Program through a consortium with Kwame Nkrumah University Role: PI	11/2010 - 06/2016 \$1,352,506
U01CE001940: Links to Enhancing Teens' Connectedness (LET's CONNECT) Centers for Disease Control and Prevention-Department of Health and Human Services-US- 10- Role: Co-I (PI: King)	09/2010 - 09/2015 \$1,955,114
R01 DA026029: Optimizing SBIRT for Drug-Using Patients in an Inner-City Emergency Department National Institutes of Health-Department of Health and Human Services-US Role: Co-I with Effort (PI: Blow)	08/2009 - 05/2014 \$3,458,008
R01 AA018122: Optimizing Brief Alcohol Intervention for Underage Drinkers in the ER National Institutes of Health-Department of Health and Human Services-US Role: MPI (Cunningham/Walton)	06/2009 - 05/2014 \$2,541,826
R01 DA024646: Substance Use Among Violently Injured Youth in Urban ER: Services & Outcomes National Institutes of Health-Department of Health and Human Services-US Role: PI	05/2009 - 04/2014 \$3,008,486
Ghana Emergency Medicine Training Program (MEPI) NIH/Fogarty International Training Grant Role: PI Cunningham (US), Donkor (Ghana)	09/2010 - 08/2011
Seat Belt Brief Intervention, Mechanism Underlying Risk Assessment University of Michigan Transportation Research InstiFunding Role: Co-I (PI: Ehrlich)	08/2006 - 08/2011 \$43,569
Fogarty International Collaborative Trauma and Injury Research Training Program National Institutes of Health/National Institute of Alcohol Abuse and Alcoholism Role: Co-I (PI: Blow)	07/2006 - 06/2011

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R34 MH079123: Adolescent Emergency Patients: Suicide Risk Detection and Treatment Facilitation National Institutes of Health- Department of Health and Human Services-US Role: Co-I with Effort (PI: King)	08/2007 - 11/2010 \$615,600
R01 AA014889: Tailored Teen Alcohol and Violence Prevention in the ER National Institute for Alcohol Abuse and Alcoholism Role: Co-I with Effort (PI: Walton)	02/2005 - 11/2009 \$1,975,213
R01 AA014665: Services Interventions for Injured ED Problem Drinkers National Institute for Alcohol Abuse and Alcoholism Role: Co-I (PI: Blow)	09/2004 - 06/2009 \$2,059,639
R01 DA016591: Services Interventions for Injured ED Substance Abusers National Institute for Drug Abuse Role: Co-I (PI: Blow)	06/2004 - 05/2009 \$2,042,726
Injury Prevention Efforts at US Trauma Centers; ED Director Survey in Level I and Level II Trauma Centers American College Emergency Physicians Role: PI	08/2007 - 07/2008 \$5,000
R03 AA015111: National Alcohol Screening Day Emergency Department Study National Institutes of Health-Department of Health and Human Services-US- 04- 1387 Role: Co-I with Effort (PI: Maio)	03/2004 - 02/2005 \$38,250
Flint Youth Violence Prevention Center Centers for Disease Control Role: (PI: Zimmerman, Cunningham - Assistant Director)	03/2004 - 02/2009 \$4,100,021
R01-DA14343: Cocaine and Chest Pain in the ED: Services and Outcomes National Institute for Drug Abuse/National Institutes of Health Role: Co-I (PI: Booth)	07/2001 - 09/2006 \$859,911

JAMES PAUL HOLLOWAY

Provost and Executive Vice President for Academic Affairs
University of New Mexico

MAJOR ADMINISTRATIVE APPOINTMENTS

07/2019 – PRESENT

Provost And Executive Vice President For Academic Affairs, UNIVERSITY OF NEW MEXICO

Oversee academic activities at a flagship R1 public university, including faculty affairs, student affairs, research, branch campuses, and budgeting for these units. Major direct reports include deans of 11 schools/colleges, 4 branch campus chancellors, VP for research, VP for student affairs, VP for enrollment management, AVP for Academic Resource Management, university secretary, institutional analytics, industrial security (classified research), senior vice provost, two associate vice provosts. Key advisors include faculty senate president, staff council president, undergraduate and graduate student body presidents, and vice president for diversity, equity, and inclusion.

07/2016 – 06/2019

VICE PROVOST FOR GLOBAL ENGAGEMENT & INTERDISCIPLINARY ACADEMIC AFFAIRS, UNIVERSITY OF MICHIGAN

Foster interdisciplinary scholarship and learning across the university, including sustainability, poverty alleviation, Detroit engagement, and address emergent university needs including accreditation. Support engaged experiential learning on and off campus, domestically and internationally. Serve as Senior International Officer and identify and support strategic global engagement platforms.

07/2013 – 06/2016

VICE PROVOST FOR GLOBAL AND ENGAGED EDUCATION, UNIVERSITY OF MICHIGAN

Encourage and give coherence to engaged, action-based learning at the university, including by leading the Transforming Learning for the Third Century initiative. Serve as Senior International Officer and provide strategic vision for engagement in specific regions (China, India, Ethiopia).

07/2007 – 06/2013

ASSOCIATE DEAN FOR UNDERGRADUATE EDUCATION, COLLEGE OF ENGINEERING, UNIVERSITY OF MICHIGAN

Make experiential learning the norm for engineering students through student projects, international experiences, and entrepreneurship education. Develop capacity for engineering education research. Oversee overall college curriculum and open it up for students to pursue humanities, social sciences, arts, and other creative pursuits as part of their engineering education. Build bridges with the arts and creative disciplines.

EDUCATION

- ██████ PH. D. IN ENGINEERING PHYSICS, UNIVERSITY OF VIRGINIA, CHARLOTTESVILLE, VA
- ██████ CERTIFICATE IN ADVANCED STUDY IN MATHEMATICS, CAMBRIDGE UNIVERSITY, ENGLAND
- ██████ M.S. IN NUCLEAR ENGINEERING, UNIVERSITY OF ILLINOIS, URBANA, IL
- ██████ B.S. IN NUCLEAR ENGINEERING, UNIVERSITY OF ILLINOIS, URBANA, IL

ACADEMIC APPOINTMENTS

- 07/2019 – PRESENT PROFESSOR OF NUCLEAR ENGINEERING, UNIVERSITY OF NEW MEXICO
- 07/2019 – PRESENT PROFESSOR EMERITUS OF NUCLEAR ENGINEERING AND RADIOLOGICAL SCIENCES AND ARTHUR F. THURNAU PROFESSOR EMERITUS, UNIVERSITY OF MICHIGAN
- 09/2007 – 06/2019 ARTHUR F. THURNAU PROFESSOR, UNIVERSITY OF MICHIGAN
- 09/2005 – 06/2019 PROFESSOR OF NUCLEAR ENGINEERING AND RADIOLOGICAL SCIENCES, UNIVERSITY OF MICHIGAN
- 09/1996 – 08/2005 ASSOCIATE PROFESSOR OF NUCLEAR ENGINEERING AND RADIOLOGICAL SCIENCES, UNIVERSITY OF MICHIGAN
- 05/1996 – 07/1996 GUEST SCIENTIST, INSTITUT FÜR REAKTORSICHERHEIT, FORSCHUNGSZENTRUM KARLSRUHE, TECHNIK UND UMWELT
- 01/1990 – 08/1996 ASSISTANT PROFESSOR OF NUCLEAR ENGINEERING AND RADIOLOGICAL SCIENCES, UNIVERSITY OF MICHIGAN
- 01/1989 – 12/1989 ASSISTANT RESEARCH PROFESSOR OF APPLIED MATHEMATICS AND ENGINEERING PHYSICS, UNIVERSITY OF VIRGINIA

OTHER PROFESSIONAL POSITIONS

- 12/2021 – PRESENT INNOVATE ABQ ADVISORY BOARD
University of New Mexico innovation district board
- 07/2019 – PRESENT WESTERN ACADEMIC LEADERSHIP FORUM EXECUTIVE COMMITTEE (WICHE)
- 07/2019 – PRESENT LOBO DEVELOPMENT CORPORATION BOARD OF DIRECTORS
University of New Mexico affiliated entity responsible for development of university owned real estate for the benefit of UNM
- 07/2019 – PRESENT LOBO RAINFOREST INNOVATIONS BOARD OF DIRECTORS, VICE CHAIR & EXECUTIVE COMMITTEE
University of New Mexico affiliated entity focused on licensing, start-ups, and economic development based on UNM IP and expertise
- 07/2018 – PRESENT PLAKSHA UNIVERSITY ACADEMIC ADVISORY BOARD
Advisor to new technology focused university in Punjab, India
- 01/2020 – 04/2023 JUDICIAL EDUCATION TRAINING ADVISORY COMMITTEE
Appointed by Order of the Supreme Court of New Mexico. Advised on programs for training of magistrates, judges, and elected judicial officials in New Mexico
- 11/2014 – 06/2019 WILLIAM DAVIDSON INSTITUTE BOARD
Guided institute focused on using market-based approaches to drive economic development and improve social welfare in low and middle-income countries
- 07/2007 – 06/2019 UM-SJTU JOINT INSTITUTE ACADEMIC PROGRAMS GROUP
Executive Committee member for English language engineering college at Shanghai Jiao Tong University, Shanghai China
- 2011 INTERIM DIRECTOR, WILSON STUDENT TEAM PROJECT CENTER, UNIVERSITY OF MICHIGAN
- 2009 – 2013 EDITOR-IN-CHIEF, TRANSPORT THEORY AND STATISTICAL PHYSICS, TAYLOR & FRANCIS
Took over editorship of struggling academic journal and turned it around

ACADEMIC HONORS AND AWARDS

- 2022 HONORARY MEMBER OF THE NATIONAL ACADEMY OF INVENTORS IN RECOGNITION OF SUPPORT FOR INVENTION AND ECONOMIC DEVELOPMENT.

- 2014 TED KENNEDY FAMILY TEAM EXCELLENCE AWARD, UNIVERSITY OF MICHIGAN
PRODUCTION OF AN EXTRAORDINARY AND SIGNIFICANT PIECE OF WORK FROM CURRENT OR
RECENT COLLABORATION IN TEACHING OR RESEARCH AT THE COLLEGE OF ENGINEERING –
AWARDED FOR THE WORK OF THE CRASH CENTER (CENTER FOR RADIATIVE SHOCK
HYDRODYNAMICS)
- 2011 HAROLD R. JOHNSON DIVERSITY SERVICE AWARD, UNIVERSITY OF MICHIGAN
- 2007 NAMED ARTHUR F. THURNAU PROFESSOR, THE UNIVERSITY OF MICHIGAN’S HIGHEST
RECOGNITION FOR OUTSTANDING CONTRIBUTIONS TO UNDERGRADUATE EDUCATION
- 2005 COMMITTEE ON INSTITUTIONAL COOPERATION ACADEMIC LEADERSHIP PROGRAM FELLOW
- 2004 NUCLEAR ENGINEERING & RADIOLOGICAL SCIENCES ALPHA NU SIGMA FACULTY TEACHING
AWARD (THIS IS AWARDED BY VOTE OF THE STUDENTS OF THE DEPARTMENT.)
- 2004 NUCLEAR ENGINEERING & RADIOLOGICAL SCIENCES OUTSTANDING ACHIEVEMENT AWARD
- 2001 UNIVERSITY OF MICHIGAN ASEE STUDENT CHAPTER ANNUAL DISTINGUISHED LECTURER
- 2000 AMERICAN NUCLEAR SOCIETY YOUNG MEMBER ENGINEERING ACHIEVEMENT AWARD
- 2000 ALPHA NU SIGMA FACULTY TEACHING AWARD
- 1997 DEPARTMENT OF NUCLEAR ENGINEERING AND RADIOLOGICAL SCIENCES SERVICE AWARD
- 1996 ALPHA NU SIGMA MICHIGAN ALPHA OUTSTANDING FACULTY MEMBER AWARD
- 1994 1938E AWARD: UNIVERSITY OF MICHIGAN COLLEGE OF ENGINEERING AWARD FOR EXCELLENCE
IN TEACHING AND STUDENT MENTORING
- 1993 - 1998 NATIONAL SCIENCE FOUNDATION YOUNG INVESTIGATOR
- 1993 DEPARTMENT OF NUCLEAR ENGINEERING TEACHING AWARD/ALPHA NU SIGMA OUTSTANDING
FACULTY MEMBER AWARD
- 1989 ALLAN TALBOTT GWATHMEY MEMORIAL AWARD
UNIVERSITY OF VIRGINIA’S AWARD FOR OUTSTANDING EVIDENCE OF RESEARCH ABILITY IN A
FUNDAMENTAL PROBLEM OF THE PHYSICAL SCIENCES

MISCELLANEOUS POSITIONS

- 1985 – 1989 GRADUATE RESEARCH ASSISTANT, UNIVERSITY OF VIRGINIA
- 1982 – 1984 GRADUATE RESEARCH ASSISTANT, UNIVERSITY OF ILLINOIS
- 1980 – 1982 AUDIO CENTER – PATRON SERVICE & EQUIPMENT MAINTENANCE, UNIVERSITY OF ILLINOIS
- 1980 UNITED STATES CENSUS TELEPHONE ASSISTANT
- 1979 RESEARCH ASSISTANT, DEPT OF ECONOMIC ENTOMOLOGY
Soybean Insect Research Program, Citation Searching
- 1978 SECURITY GUARD, SMITHSONIAN INSTITUTION, NATIONAL AIR & SPACE MUSEUM

RESEARCH FIELDS

Neutron and photon radiation transport theory, uncertainty quantification, nuclear reactor physics and control, nonlinear dynamics, inverse problems, plasma kinetic theory, applied mathematical analysis, computational physics and engineering, appropriate technology development.

PUBLICATIONS

Books and Book Chapters:

James Paul Holloway, *A Brief History of Arthur F. Thurnau*, University of Michigan, Ann Arbor, MI, 2009.

James Paul Holloway. *Introduction to Engineering Programming*. John Wiley & Sons, New York, 2004. (ISBN 0-471-20215-0)

Symposium on Energy and the Environment: The Role of Nuclear Power, James Paul Holloway and John C. Lee, Eds, Proceedings of a Symposium, October 2-4, 2002. DEStech Publications, Lancaster PA, 2003.

J. J. Dorning, William J. Decker and James Paul Holloway. "Controlling the Dynamics of Chaotic Convective Flows," *Applied Chaos*, J. H. Kim (Ed.), John Wiley & Sons, New York, 1992. Chapter 7.

Refereed Archival Journals:

1. R. V. Duncan, James P. Holloway, & Richard Lange, "The Emergence and Impact of Regional Research University Collaborations: The Rapidly Changing Landscape in University Research and Innovation," *Technology and Innovation*, **22**, pp 493-501 (2023).
2. L. Sanchez-Parkinson, N. Moses, G. Burlison, S. Daly, J. Holloway, A. Conger, K. Sienko, & L. Meadows, "Intercultural Experiences of Engineering Students During Immersive Design Projects," *International Journal for Service Learning in Engineering, Humanitarian Engineering and Social Entrepreneurship*, **18**, pp 35-51 (2023).
3. J. R. Fein, J. P. Holloway, M. R. Trantham, P. A. Keiter, D. H. Edgell, D. H. Froula, D Haberberger, Y. Frank, M. Fraenkel, E. Raicher, D. Shvarts, and R. P. Drake, "Mitigation of hot electrons from laser-plasma instabilities in high-Z, highly ionized plasmas," *Physics of Plasmas*, **24** (2017) (<http://dx.doi.org/10.1063/1.4978625>).
4. J. R. Fein, P. A. Keiter, J. P. Holloway, S. R. Klein, J. S. Davis and R. P. Drake, "Mitigation of hard x-ray background in backlit pinhole imagers," *Reviews of Scientific Instruments*, **87**, 11E341 (2016) (<http://dx.doi.org/10.1063/1.4962192>).
5. A. Chakraborty, D. Bingham, S. S. Dhavala, C. C. Kuranz, R. P. Drake, M. J. Grosskopf, E. Rutter, B. R. Torralva, J. P. Holloway, R. G. McClarren and B. K. Mallick, "Emulation of Numerical Models with Over-specified Basis Functions," *Technometrics* DOI: 10.1080/00401706.2016.1164078 (2016).
6. Robert B. Gramacy, Derek Bingham, James Paul Holloway, Michael J. Grosskopf, Carolyn C. Kuranz, Erica Rutter, Matt Trantham, R. Paul Drake, "Calibrating a large computer experiment simulating radiative shock hydrodynamics," *The Annals of Applied Statistics*, **9**, pp 1141–1168 (<http://dx.doi.org/10.1214/15-AOAS850>) (2015).
7. J. R. Fein, J. L. Peebles, P. A. Keiter, J. P. Holloway, S. R. Klein, C. C. Kuranz, M. J.-E. Manuel, R. P. Drake, "Investigation of the hard x-ray background in backlit pinhole imagers," *Reviews of Scientific Instruments*, **85**, 11E610 (2014) <http://dx.doi.org/10.1063/1.4891051>.
8. C. C. Kuranz, R. P. Drake, C. M. Krauland, D. C. Marion, M. J. Grosskopf, E. Rutter, B. Torralva, J. P. Holloway, D. Bingham, J. Goh, T. R. Boehly and A. T. Sorce, "Initial conditions of radiative shock experiments," *Physics of Plasmas*, **20**, 056321 (2013) <http://dx.doi.org/10.1063/1.4805021>.
9. Joslin Goh, Derek Bingham, James Paul Holloway, Michael J. Grosskopf, Carolyn C. Kuranz, Erica Rutter, "Prediction and Computer Model Calibration Using Outputs From Multi-fidelity Simulators," *Technometrics*, **55** pp 501-512 (2013).
10. Pritam Ranjan, Wilson Lu, Derek Bingham, Shane Reese, Brian J. Williams, Chuan-Chih Chou, Forrest Doss, Michael Grosskopf, James Paul Holloway, "Follow-up Experimental Designs for Computer Models and Physical Processes," *Journal of Statistical Theory and Practice*, **5**, 119–136 (2011). doi:10.1080/15598608.2011.10412055
11. Jeremy Lloyd Conlin and James Paul Holloway, "Monte Carlo Application of Arnoldi's Method for Acceleration of Eigenvalue and Fission Source Convergence," *Nuclear Science and Engineering*, **169**, 168–177 (2011).
12. B. van der Holst, G. Toth, I.V. Sokolov, K.G. Powell, J.P. Holloway, E.S. Myra, Q. Stout, M.L. Adams, J.E. Morel, R.P. Drake, "Crash: A Block-Adaptive-Mesh Code for Radiative Shock Hydrodynamics - Implementation and Verification," *The Astrophysical Journal Supplement Series*, **194:23** (2011).

13. R.P. Drake, F.W. Doss, R.G. McClarren, M.L. Adams, N. Amato, D. Bingham, C.C. Chou, C. DiStefano, K. Fidkowski, B. Fryxell, T.I. Gombosi, M.J. Grosskopf, J.P. Holloway, B. van der Holst, C.M. Huntington, S. Karni, C.M. Krauland, C.C. Kuranz, E. Larsen, B. van Leer, B. Mallick, D. Marion, W. Martin, J.E. Morel, E.S. Myra, V. Nair, K.G. Powell, L. Raushberger, P. Roe, E. Rutter, I.V. Sokolov, Q. Stout, B.R. Torralva, G. Toth, K. Thornton, A.J. Visco, "Radiative Effects in Radiative Shocks in Shock Tubes," *High Energy Density Physics*, **7**, 130-140 (2011).
14. James Paul Holloway, Derek Bingham, Chuan-Chih Chou, Forrest Doss, R. Paul Drake, Bruce Fryxell, Michael Grosskopf, Bart van der Holst, Bani K. Mallick, Ryan McClarren, Ashin Mukherjee, Vijay Nair, Kenneth G. Powell, D. Ryu, Igor Sokolov, Gabor Toth, Zhanyang Zhang, "Predictive Modeling of a Radiative Shock System," *Reliability Engineering and System Safety*, doi:10.1016/j.ress.2010.08.011 (2011) **(Invited)**.
15. Ryan G. McClarren, D. Ryu, R. Paul Drake, Michael Grosskopf, Derek Bingham, Chuan-Chih Chou, Bruce Fryxell, Bart van der Holst, James Paul Holloway, Carolyn C. Kuranz, Bani K. Mallick, Erica Rutter, Ben R. Torralva, "A Physics Informed Emulator for Laser-Driven Radiating Shock Simulations," *Reliability Engineering and System Safety*, doi:10.1016/j.ress.2010.08.011 (2011) **(Invited)**.
16. Ryan McClarren, R. Paul Drake, J. E. Morel & James Paul Holloway, "Theory of radiative shocks in the mixed, optically thick-thin case," *Physics of Plasmas*, **17**(9), 093301 (2010).
17. Ryan G. McClarren, James Paul Holloway, "A Quasi-Linear Implementation of High-Resolution Time Integration for the P_n Equations," *Nuclear Science and Engineering*, **159**, 330-337 (2008).
18. Ryan G. McClarren, James Paul Holloway and Thomas A. Brunner, "Analytic P_1 solutions for time-dependent thermal radiative transfer in several geometries," *Journal of Quantitative Spectroscopy and Radiative Transfer*, **109**, 389-403 (2008).
19. Ryan G. McClarren, James Paul Holloway and Thomas A. Brunner, "On solutions to the P_n equations for thermal radiative transfer," *Journal of Computational Physics*, **227**, 2864-2885 (2008).
20. Ryan G. McClarren, James Paul Holloway, Thomas A. Brunner and Thomas A. Mehlhorn, "A Quasi-Linear Implicit Riemann Solver for the Time-Dependent P_n Equations," *Nuclear Science and Engineering*, **155**, 290-299 (2007). **(Invited)**
21. Shannon M. Bragg Sitton and James Paul Holloway, "Autonomous reactor control using model based predictive control for space propulsion applications," *Annals of Nuclear Energy*, **33**, 1368-1378, (2006)
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8. James Paul Holloway. *Longitudinal Traveling Waves Bifurcating From Vlasov Plasma Equilibria*. Ph.D. Dissertation, University of Virginia, Charlottesville, VA, January 1989.
9. James Paul Holloway, *The Thermodynamics of Constrained Systems and the Stability of Solid Phases in the Presence of Excess Point Defects*. Masters Thesis, University of Illinois, Urbana, IL, January 1982.
10. James Paul Holloway and Magdi M. H. Ragheb, *RDCS: A Code to Pick Multigroup Cross Sections from a Binary Nuclides-Organized Library and Generate Input Files for Transport Codes*, University of Illinois, Fusion Studies Laboratory Report FSL- 64, 1981.

SEMINARS AND WORKSHOPS

Selected Educational Workshops and Related Presentations:

- American Nuclear Society Trinity Section Invited Speaker: *Education in a Multicentury Arc*, October 2019.
- University of Michigan Honors Convocation Speaker: *Horseless Innovation*, April 2010.
- Speaker at the University of Michigan Provost's Seminar on Teaching: *What Are They Learning? Approaches for Assessing Student Learning*, "How do we know a curriculum works? Structuring a curriculum review process," September 2009.
- Speaker at the University of Michigan Center for Research on Learning and Teaching Lecture Capture Roundtable, "Use of Video Capture in Large Courses," March 2006.
- Speaker at the University of Michigan Center for Research on Learning and Teaching (North) Workshop on Faculty Research on Student Retention in Engineering, March 2006.
- James Holloway & Helen Burn, "Why should I care? A research study of student motivation in Engineering 101," *CRLT North News*, Fall 2005.
- Panel speaker at University of Michigan Center for Research on Learning and Teaching (North) Workshop "Faculty Talk about Effective Teaching," November 2004.
- Panel speaker at University of Michigan Center for Research on Learning and Teaching (North) Workshop "Engineering and Pedagogy for Retention of Under-Represented Students," March 2004.

- Speaker at the University of Michigan Provost's Seminar on Teaching: *Unraveling the Complexities: Faculty Investigating Their Students Learning*, "Understanding and Improving a First Year Course in Algorithms and Programming," November 2003.

Michigan Provost Seminars on Teaching Organized:

- What is a Master's Degree? December 13, 2018.
- Building Structures that Encourage Interprofessional Education, May 1, 2018.
- Beyond Grades: How Do We Represent Student Accomplishment? November 28, 2017.
- Teaching at the Bicentennial: Building the Evidence Base for Engaged Learning, March 14, 2017.
- Thinking Long-term: Next Steps for Engaged Learning at Michigan and Beyond, May 16, 2016.
- Unscripted: Engaged Learning Experiences for U-M Students, March 10, 2015.
- Tri-Campus Provosts' Seminar: Engaged Learning, Community-Based Research and the Community Engagement Corridor [with Michigan State University and Wayne State University], October 22, 2013.

COURSES TAUGHT

These courses were taught at the University of Michigan; Kwame Nkrumah University of Science and Technology, Ghana; and Chaing Mai University, Thailand

ENGR 599 UNCERTAINTY QUANTIFICATION FOR LARGE-SCALE ENGINEERING SIMULATIONS

Co-taught with Ken Powell and Vijay Nair

ENGR 599 ENGINEERING IN THE K12 CLASSROOM

Co-taught with Charles Dershimer and Lucie Howell for School of Education students

NERS 590 SPECIAL TOPICS IN NUCLEAR ENGINEERING II - DEVELOPED AND TAUGHT SECTIONS ON:

- NEUTRON/PHOTON MONTE CARLO
- PARTICLE-IN-CELL METHODS FOR PLASMA KINETICS
- THEORY AND PRACTICE OF THE MONTE CARLO METHOD (WITH WILLIAM R. MARTIN)
- NUCLEAR NON-PROLIFERATION (PROVIDED SPECIAL LECTURES IN SECTION DESIGNED BY RODNEY EWING & RONALD FLEMING)

NERS 554 RADIATION SHIELDING

Introduced modern computational tools into this class and converted it into a design and project-based learning course for both seniors and graduate students

NERS 571 INTERMEDIATE PLASMA PHYSICS I

NERS 442 NUCLEAR POWER REACTORS

NERS 441 NUCLEAR REACTOR THEORY

NERS 400 ELEMENTS OF NUCLEAR ENERGY

NERS 312 ELEMENTS OF NUCLEAR ENGINEERING II

NERS 311 ELEMENTS OF NUCLEAR ENGINEERING I

Converted NERS 311 & NERS 312 into a 6-credit sequence in modern and nuclear physics for nuclear engineers

NERS 250 FUNDAMENTALS OF NUCLEAR ENGINEERING AND RADIOLOGICAL SCIENCE

ENGR 260 ENGINEERING ACROSS CULTURES

Sometimes co-taught with Dr. Amy Conger; twice taught at Chiang Mai University

ENGR 200X ENGINEERING APPROPRIATE TECHNOLOGIES: NEEDS, DESIGN AND ENTREPRENEURSHIP

Taught at Kwame Nkrumah University of Science and Technology. Class co-designed with Amy Conger, Shanna Daly, and Samuel Kwofie

SELECTED SERVICE AND COMMITTEE WORK

(Only prior to provost role)

- University of Michigan President's Commission on Carbon Neutrality, 2019
- University of Michigan Energy Institute Executive Committee, 2019
- University of Michigan President's sustainability working group, 2018
- Detroit Institute of Art and Detroit Midtown Community Plaza Steering Committee, 2018
- Provost's Taskforce on Undergraduate Education in the Third Century, 2018
- Michigan Association of State Universities Academic Affairs Officers group, 2015 – 2019
- University of Michigan Information Technology Council, 2014 – 2019 (chair)
- Council for Civic Engagement, 2013 – 2019 (founder)
- Council for Global Engagement, 2013 – 2019
- Thurnau Professor Selection Committee, 2013 – 2019 (Executive sponsor)
- Big10 Academic Alliance Senior International Officers Group, 2013 – 2019
- UM-SJTU Joint Institute Academic Programs Group (Executive committee), 2007 – 2019
- Institutional Autonomous Systems Committee, 2016 – 2017
- President's China Steering Committee, 2010 – 2012
- University of Michigan Presidential Committee on the Bicentennial, 2011 – 2012
- University of Michigan Coursera Steering Committee, 2011 – 2012
- Alpha Nu Sigma Student Chapter Advisor, 2006 – 2012
- University of Michigan Engineering Council Advisor, 2008 – 2012
- CIC Undergraduate Education Working Group, 2010 – 2011
- Provost's GAPS Taskforce (taskforce on performance gap for URM students), 2008 – 2011
- Center for Entrepreneurship Board of Directors, 2008 – 2011
- University of Michigan Teaching Evaluation Steering Committee, 2009 – 2010
- University of Michigan Peace Corps @ 50 Committee – Learning Dimensions, 2009 – 2010
- International Institute Steering Committee, 2009 – 2010
- University of Michigan Information Technology Security Council, 2008 – 2010
- Provost's Expansion of Spring/Summer Instruction Task Force, 2009
- University Accreditation Working Group on Internationalization: Academic Dimensions, 2008 – 2009
- CoE Commission on Undergraduate Engineering Education, 2008 – 2009
- CoE Instructional Technology Committee, 2008 – 2009
- CoE Diversity and Outreach Council, 2007 – 2009
- ASEE: Nuclear Engineering Division President, 2008
- Provost's Committee on Instructional Learning Technology, 2008
- Provost's Steering Committee on Multidisciplinary and Team Teaching, 2005 – 2008
- President's Task Force on China, 2007
- Nuclear Engineering & Radiological Sciences Curriculum Committee Chair, 2006 – 2007
- Nuclear Engineering & Radiological Sciences Fission Systems and Radiation Transport Option Chair, 2003 – 2007
- ASEE: Nuclear Engineering Division Vice President, 2005 – 2006
- ASEE: Division Program Chair for the 2006 ASEE National Meeting, 2005 – 2006
- American Nuclear Society Scholarship Policy and Coordination Committee, 2004 – 2006
- American Nuclear Society Graduate Scholarship Selection Committee, 2005 – 2006
- AGEP Advocate (Alliances for Graduate Education in the Professoriate), 2006
- UM-Flint UM-Ann Arbor Partnership, 2006
- CoE Undergraduate Recruiting Scholarship Committee, 2006
- College of Engineering International Programs Committee, 2006
- ASEE Student Section Outstanding Student Instructor Award Selection Committee, 2006

- Engineering Teaching Academy, 2003 – 2006
- NERS First Year Merit Scholarship Committee, 2000 – 2006
- ASEE Glenn Murphy Award Chair, 2005
- CRLT North Advisory Board, 2005
- NERS Executive Committee, 2003 – 2005
- NERS Faculty Search Committee, 2004 – 2005
- CoE Strategic Planning Implementation Committee: Engineering Education & First Year Programs, 2003 – 2004
- CoE Faculty Honors and Awards Committee, 2004
- College of Engineering Curriculum Committee, 2003 – 2004
- NERS Department Head Search, 2004
- ASEE: Nuclear Engineering Division Executive Board Secretary/Treasurer
- CRLT Advisory Board, 2002 – 2003
- College-wide Engineering Design Course Committee, 2003
- American Society of Engineering Education – Nuclear Engineering Division Executive Board, 2002
- CoE Strategic Planning Committee, 2002
- CoE First Year Courses Review Committee, 2001 – 2002
- Nuclear Engineering and Radiological Sciences Curriculum Committee Chair, 2001 – 2002
- Publications Chair, 2002 American Nuclear Society Topical Conference on Probabilistic Safety Analysis, Detroit, 2001 – 2002
- ABET Accreditation Lead for Nuclear Engineering and Radiological Sciences, 2000 – 2001
- College of Engineering Curriculum Committee, 2000 – 2001
- Ford Nuclear Reactor Decommissioning Team, 2001
- Provost's Academic Computing Advisory Committee, 1998 – 2000
- Faculty Reappointment Committee, 2000
- NERS Departmental Review Committee, 2000
- American Nuclear Society Mathematics & Computation Division Executive Committee, 1998 – 2000
- College of Engineering ABET accreditation committee, 1998 – 1999
- Chrysler Center Renovation Committee, 1999
- First Year Computing – Engineering 101 / EECS 100 Merger Study, 1999
- NERS Chief Undergraduate Program Advisor, 1994 – 1999
- Michigan Engineering: Student Honors Committee, 1998



BOARD OF REGENTS DOCKET ITEM SUMMARY

Board of Regents

February 26, 2024

AGENDA ITEM: Selection of President of the University of Minnesota

Review

Review + Action

Action

Discussion

This is a report required by Board policy.

PRESENTERS: Regent Janie S. Mayeron

PURPOSE & KEY POINTS

The purpose of this item is for the Board of Regents to select the 18th President of the University of Minnesota.



REGENTS OF THE UNIVERSITY OF MINNESOTA

RESOLUTION RELATED TO

Selection of President of the University of Minnesota

BE IT RESOLVED that the Board of Regents (Board) selects _____ as the President of the University of Minnesota effective July 1, 2024, as defined by the terms of an employment agreement to be negotiated between the University of Minnesota and _____.

BE IT FURTHER RESOLVED that the Board delegates authority to the Board chair to negotiate and finalize an employment agreement with the President-Designate and submit that employment agreement to the Board for approval.

BE IT FURTHER RESOLVED that the Board directs Interim President Ettinger and his administration to begin working with the President-Designate on a transition plan that ensures continuity of leadership and sustained advancement of the Board's priorities.