

CURRICULUM VITAE
Patricia Lombard Mabry, Ph.D.
(formerly Patricia Lombard Fiero, Ph.D.)

PROFESSIONAL ADDRESS

HealthPartners Institute
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Google Scholar Profile: <https://scholar.google.com/citations?hl=en&user=4U6OGPAAAAAJ>

ORCID Profile: <https://orcid.org/0000-0002-6374-8679>

EDUCATION

Degree	Institution/Department	Date Degree Granted
B.S.	Virginia Polytechnic Institute and State University (aka Virginia Tech) Accounting	1985
M.A.	George Mason University Psychology	1991
Ph.D.	University of Virginia Clinical Psychology	1996
Advisor: Eric Turkheimer, PhD		
Postdoctoral Fellowship	Medical University of South Carolina Clinical Psychology	1998
Internship in Clinical Psychology	Medical University of South Carolina	1997
Certifications, Licenses		
NIH Clinical Center Medical Staff credentialing as a Clinical Psychologist		2003-2005
Clinical Psychologist, State of Maryland, license #03922		2002-2005
Clinical Psychologist, State of South Carolina, license #711		1998-2002

PROFESSIONAL EXPERIENCE**Current position**

Research investigator, HealthPartners Institute, Bloomington, MN 2019-present

Academic Appointments

Adjunct Faculty Member, School of Informatics, Computing, and Engineering (SICE), Indiana University, Bloomington, Indiana January 2019 – August 2019
 (discontinued upon acceptance of subaward, per IU policy)

Senior Research Scientist (non-tenure track), Indiana University Network Science Institute (IUNI), School of Public Health
 Bloomington, Indiana University, Bloomington, Indiana 2015- 2019

Assistant Professor of Psychology, Tenure-Track, 2000 – 2002
Department of Psychiatry & Behavioral Sciences,
Medical University of South Carolina (MUSC), Charleston, SC

Instructor, Department of Psychiatry & Behavioral Sciences, 1998 – 2000
Medical University of South Carolina (MUSC), Charleston, SC

Academic Administrative Appointments

Executive Director, Indiana University Network Science Institute (IUNI), 2015 –2018
Indiana University, Bloomington, Indiana

Clinical/Hospital Appointments

Clinical Staff Psychologist, Department of Student Life, 1998 - 2002
Counseling and Psychological Services (CAPS),
Medical University of South Carolina (MUSC), Charleston, SC

Postdoctoral Fellow, 1997- 1998
Department of Student Life, Counseling and Psychological Services (CAPS),
Medical University of South Carolina (MUSC), Charleston, SC

Consulting Positions

Steering Board Member. Systems Science in Public Health and Health Economics 2019-present
Research (SIPHER). SIPHER is a grant-funded consortium directed by Drs. Petra Meier
and Robin Purshouse, University of Sheffield, United Kingdom.

<https://sipher.ac.uk/partners/>

Board Chair and Independent Director, Board of Directors. Computer Simulation & 2019-present
Advanced Research Technologies (CSART) Ltd. <http://www.csart-world.com/>

Member, National Advisory Committee. Robert Wood Johnson Foundation. *Systems* 2018-2021
for Action: Systems and Services Research to Build a Culture of Health (S4A) Program.
<http://systemsforaction.org/about-us/national-advisory-committee>

Consultant for SBIR proposal development - LifeTechniques, Inc., San Antonio, TX 1999-2001
Ad hoc Proposal Developer, Centurion Technology, Inc. now Intelispark, Ithaca, NY 2004-2005

Current Membership and Offices in Professional Organizations

Member (via organizational affiliation with HealthPartners Institute), Health Care 2020
Research Systems Network (HCSRN) <http://www.hcsrn.org/en/>

Visiting Professorships or Visiting Scholar Positions

Scientific Advisor, via Intergovernmental Personnel Act (IPA) Agreement, 2001 – 2002
Tobacco Control Research Branch, National Cancer Institute (NCI)
National Institutes of Health, Rockville, MD,
See: <https://hr.nih.gov/working-nih/ipa>

Other professional employment, including military service

Senior Advisor for Disease Prevention, GS-601-15 (non-supervisory), equivalent to Full Professor with tenure*, Office of Disease Prevention (ODP), National Institutes of Health (NIH), Bethesda, MD	2014- 2015
Acting Deputy Director , GS-601-15 (supervisory), equivalent to Full Professor with tenure*	2013 – 2014
Senior Advisor , GS-601-15 (non-supervisory), equivalent to Full Professor with tenure*	2009 – 2014
Health Scientist Administrator , GS-601-14, equivalent to Associate or Full Professor with tenure*, tenure status conferred November 2008	2007- 2009
Health Scientist Administrator , GS-601-13, equivalent to Assistant or Associate Professor* Office of Behavioral and Social Sciences Research (OBSSR), National Institutes of Health (NIH), Bethesda, MD	2005 –2007
Behavioral Scientist , Science Applications International Corporation (SAIC-Frederick), under contract to Tobacco Control Research Branch, National Cancer Institute (NCI), National Institutes of Health, Rockville, MD	2004 – 2005
Behavioral Scientist , Science Applications International Corporation (SAIC-Frederick), under contract to the Tobacco Intervention Research Clinic National Cancer Institute (NCI), National Institutes of Health, Rockville, MD	2002 –2004
Research Scientist , Personal Improvement Computer Systems, Inc. (PICS), Reston, VA	1996-1997
Clinical Psychology Intern , Department of Psychiatry & Behavioral Sciences, Medical University of South Carolina (MUSC), Charleston, SC	1995 –1996
Clinical Psychology Practicum Doctoral Student , Behavioral Medicine Center, Department of Psychiatry, University of Virginia Hospital, Charlottesville, VA	1993 –1995
Graduate Student Therapist Trainee , Mary D. Ainsworth Clinic, Department of Psychology University of Virginia, Charlottesville, VA	1992-1994
NIH Intramural Research Training Award (IRTA) Fellow , Clinical Psychobiology Branch (intramural research laboratory) National Institutes of Mental Health (NIMH), National Institutes of Health	1991 & 1992 (summers)
Teaching Assistant (psychobiology lab, intro psychology lab), Department of Psychology University of Virginia , Charlottesville, VA	1992-1993
Graduate Teaching Assistant , (introductory statistics), Department of Psychology, George Mason University , Fairfax, VA	1990-1992
Research Assistant , (while earning Master's degree), Health Innovations, Inc.	1989-1991 (part time)
Accounting positions (various), further details are available upon request.	1981-1988

*Health Scientist Administrator is the official job title for the federal GS-601 series. For GS academic rank equivalents see: <https://hr.nih.gov/jobs/announcement-links/sbsa-additional-experience-requirements>

HONORS AND AWARDS FOR RESEARCH WORK, TEACHING, PUBLIC ENGAGEMENT, AND SERVICE

External Awards and Recognition

2025 Observational Health Data Science and Informatics (OHDSI) Titan Award Nomination for significant contributions towards advancing [OHDSI's mission, vision and values](#).
<https://www.ohdsi.org/titan-awards/>

2021 Lifetime Achievement Award, SBP-BRiMS (Social Computing Behavioral Modeling and Prediction – Behavioral Representation in Modeling and Simulation).

2020 Nominated for the PNAS 2020 Cozzarelli Prize (“Paper of the Year”): Murphy MC, Mejia AF, Mejia J, Yan X, Cheryan S, Dasgupta N, Destin M, Fryberg SA, Garcia JA, Haines EL, Harackiewicz JM, Ledgerwood A, Moss-Racusin CA, Park LE, Perry SP, Ratliff KA, Rattan A, Sanchez DT, Savani K, Sekaquaptewa D, Smith JL, Taylor VJ, Thoman DB, Wout DA, **Mabry PL***, Franco Pestilli* (* = shared senior authorship). Open science, communal culture, and women's participation in the movement to improve science. Proc Natl Acad Sci U S A. 2020 Sep 29;117(39):24154-24164. doi: 10.1073/pnas.1921320117. Epub 2020 Sep 14. PMID: 32929006; PMCID: PMC7533847.

NIH Ratings-Based Cash Award for Performance 2007, 2009, 2010, 2012, 2015 (based on annual performance review of prior year's work).

NIH Ratings-Based Time-Off Award for Performance 2014 (based on annual performance review of prior year's work).

2015 NIH Office of the Director Honor Award (OD Honor Award). For leading the ODP Portfolio Analysis Development Team, *“for your outstanding efforts to develop new processes and tools to analyze the NIH prevention research portfolio”*.

2014 NIH Special Act Award (monetary), for contributions as Team Lead for Office of Disease Prevention's Strategic Priority 1. Nominated by the ODP Director and Deputy Director.

NIH Quality Step Increase (QSI) 2008, 2011, 2013 (based on annual performance review of prior year's work).

2013 Best Paper Award for Edward Ip, Qiang Zhang, Ji Lu, Laurette Dube and **Patricia Mabry**. *Feedback dynamic between emotional reinforcement and healthy eating: An application of the reciprocal Markov model*. Presented at the International Conference on Social Computing, Behavioral-Cultural Modeling and Prediction (SBP13).

2012 Selected for 2013 NIH Senior Leadership Training

2012 Elected as a Fellow of the Society of Behavioral Medicine.

2011 NIH Director's Award (group award). National Collaborative on Childhood Obesity Research. *“For leadership and collaboration to advance and accelerate progress in addressing the nation's childhood obesity epidemic through the National Collaborative on Childhood Obesity Research (NCCOR).”*

2008 NIH Office of the Director Merit Award, *“For extraordinary contributions to advancing the NIH mission by implementing the major goal for systems science, methods and modeling, as specified in OD-OBSSR's strategic prospectus.”*

2008 Inaugural Applied Systems Thinking Prize (group award). Member of nine-member CDC-NIH System Dynamics Collaborative; prize awarded by the Applied Systems Thinking Institute
<http://www.asysti.org/Prize/2008asystprizewinner.aspx>

2008 participant in [6th Annual National Academies Keck Futures Initiative \(NAKFI\) Conference: Complex Systems](#). Participants were selected, through an open competition. Member, [Task Group 2](#), an interdisciplinary team tasked with the following challenge: “*What does it take to achieve a sustainable future? The problem of the commons: achieving a sustainable quality of life.*”

2006 Group Cash Award for contributions to strategic planning in the Office of Behavioral and Social Sciences Research, NIH.

2004 & 2005 NIH Plain Language Awards for work on [Smokefree.gov](#), a federally developed tobacco cessation website.

2002, 2003, 2004 Award for Consistent Performance, SAIC-Frederick.

2003 Working Innovation Technology Award at the 4th Annual [eHealth Developer's Summit](#) for team development of “Health Wizard” a monitoring and tracking device for elderly patients.

2003 Scholarship to attend University of Maryland, Dingman Center for Entrepreneurship, one-day course, *Technology Innovation: Concept to Reality*.

2001 & 2002 Golden Apple Teaching Awards, Medical University of South Carolina, Department of Psychiatry & Behavioral Sciences, by vote of 4th year medical students for teaching unit on treating tobacco dependence

1996 Psychology Internship Paper (third place). Medical University of South Carolina

1996 Student Travel Scholarship. Association for Applied Psychophysiology and Biofeedback

1995 Science Directorate Student Dissertation Award. American Psychological Association

1991–1995 Dupont Fellowship, Governor's Fellowship, Academic Enhancement Program Fellowship, Dean's Fellowship, Dean's Dissertation Year Fellowship; University of Virginia

1991 & 1992 NIH Intramural Research Training Award (IRTA) Fellow (summer). National Institute of Mental Health

1989-91 Psi Chi, Psychology Honor Society. George Mason University

1983-85 Beta Alpha Psi, Kappa Theta Epsilon, Gamma Beta Phi (Academic honor societies), Virginia Tech

RESEARCH AND SCHOLARSHIP

Grants and Contracts

Current and Pending Grant Support:

1. **Role: PI**

MPI: Xiaozhong Liu, PhD

Granting Agency: National Institutes of Health NIH, National Institute for Nursing Research

Application #: 1R01NR022258-01

Title: *An Artificial Intelligence Approach to Understanding Trade-offs in Emergency Department Decision-making*

Project Dates: 01-Apr-2026 to 31-Mar-2030

Total Award Amount: \$3,113,628

Status: Score 5th percentile; pending council review and approval.

% Effort/Salary Support: 28% in year1; 25% in year 2; 25% in year 3; 28% in year 4.

2. **Role: Contact PI**

Co-PI: Deepika Appana, MS.

Granting Agency: National Institutes of Health NIH, Office of the Director (via subaward)

Application #: 1 OT2OD032581-02-787

Title: *AIM-AHEAD Federated Network Site for the Midwest: Longitudinal EHR Data to Address Questions on Medical, Dental, and Behavioral Health*

Project Dates: 01-Oct-2024 to 30-Sept-2026

Total Award Amount: \$399,898

Status: Awarded

% Effort/Salary Support: 5% in year1; 10% in year 2

3. **Role: Co-Investigator**

PI: Michael Maciosek, PhD.

Granting Agency: National Cancer Institute

Award Number: R01 CA263542-01A1

<https://reporter.nih.gov/search/2fSjxGgrmUyXPjfyZq8hRA/project-details/10429461>

Title: *The Interplay of ENDS and Tobacco Control Policy: Impact on the Population Harms of Tobacco*

Status: Awarded

Project Dates: 01-July-2022 to 30-June-2027

Total costs FY2022 (awarded): \$620,761

% Effort/Salary Support: 15% per year x 4 years

Completed Research/Grant Support:

4. **Role: Contact PI**

Co-PI: Xiaozhong Liu, PhD, Worcester Polytechnic Institute

Granting Agency: U.S. National Science Foundation

Award # 2122232

Title: *SCISIPBIO: Constructing Heterogeneous Scholarly Graphs to Examine Social Capital During Mentored K Awardees Transition to Research Independence: Explicating a Matthew Mechanism*

Status: Awarded:

Project dates: 01-September-2021 to 31-August -2025. Terminated prematurely on April 25, 2025 due to the project no longer aligning with agency priorities.

Total Award Amount: \$995,110

% Effort/Salary Support: 21.5% effort Y1; 25% effort each year, Y2-Y4.

2. **Role: MPI**

Contact PI: D. Brad Rindal, DDS

Granting Agency: National Institute on Dental and Craniofacial Research (NIDCR), NIH

NIH Award #: UG3DE030063 (2-year planning phase, complete); UH3DE030063 (4-year clinical efficacy trial) awarded. Note that the UH3 award was terminated prematurely due to the project no longer aligning with agency priorities. The project was awarded on March 1, 2025 and terminated 10 days later on 03-10-2025.

Title: *Investigating Behavioral Mechanisms and Efficacy of a Provider-Directed Intervention for HPV Vaccine Promotion in Real-World Dental Settings (A22-016)*

Project start date (UG3): 01-February 2022

Total Award Amount: \$3,590,370

Status: Awarded (UG3, UH3), terminated by agency (UH3) 03-10-2025.

% Effort/Salary Support: 10% per year x 2 years; 25% per year x 4 years

3. **Role: Contact PI**

Granting Agency: Abbott Research Diagnostics and Informatics

Clinical Protocol Number: ASD-09-A21-100

Title: *The Diabetes Mellitus Metabolic Simulation Tool (DMMS.EDU) to Aid Patient-Provider Shared Decision-Making in Diabetes Education: A Human Factors Evaluation and Feasibility Study DMMS.EDU.P1*

Status: Awarded.

Project Dates: 01-September-2022 to 31-December -2023

Total Award Amount: \$428,322

% Effort/Salary Support: 30% per year x 1 year

5. **Role: PI**

Co-PI: Nathaniel Osgood, PhD

External Granting Agency: HealthPartners Institute

Grant title: *Simulation Model on Colorectal Cancer Screening to Inform HealthPartners Practice*

Project dates: 01-May-2019 to 30-Apr-2021

Total cost: \$229,612

Direct Costs Per Year: \$229,612

% Effort/Salary Support: 33% x 2 year

6. **Role: Co-Project Director**

Contact PI: Wittenberg, J. (Project Director)

External Granting Agency: Institute of Museum and Library Services (federal)

Grant title: *Shared Big Data Gateway: A Cloud-based infrastructure for Sharing Research Assets and Advancing Library and Information Science*

Project dates: 01-Oct-2018 to 30-Sep-2020

Total costs (including cost share): \$2,074,967

Direct Costs Per Year: \$818,274 (Yr 1) , \$876,786 (Yr 2)

% Effort/Salary Support: 15% x 2 years

7. **Role: Co-I (under former name: Patricia L. Fiero, PhD)**

PI: Jerome A

Sponsor: National Institute on Drug Abuse

Study Title: *Computerized Scheduling of Nicotine Gum: Phase II.*

Project dates: 30-Sep-1997 to 31-Aug-1999

Total costs: \$749,722

% Effort/Salary Support: 100% FTE for one year

8. **Role: Co-I (under former name: Patricia L. Fiero, PhD)**
PI: Jerome A
Sponsor: National Cancer Institute
Study Title: *Self-Help Smoking Cessation for Teens*
Project dates: July 1998 – December 1998
Total costs: \$99,831
% Effort/Salary Support: 10% for 3 months
9. **Role: Co-I (under former name: Patricia L. Fiero, PhD)**
PI: Jerome A (and later Riley W)
Sponsor: National Institute of Nursing Research
Study Title: *Using Hand-Held Computers to Modify Exercise Habits*
Project dates: September 1995 – December 31, 1996
Total costs: \$99,536
% Effort/Salary Support: 10% FTE for 6 months
10. **Role: Co-I (under former name: Patricia L. Fiero, PhD)**
PI: Jerome A
Sponsor: National Cancer Institute
Study Title: *Schedules: A Program for Gradual Smoking Cessation (Phase 1)*
Project dates: September 1, 2000 to May 31, 2002
Total costs: \$ 189,316
% Effort/salary support: 33% FTE for six months
11. **Role: Ghost writer (under former name: Patricia L. Fiero, PhD)**
PI: Brue V
Sponsor: National Institute on Drug Abuse
Study Title: *Duration Adjustments in Scheduled Reduced Smoking: Phase II*
Project dates: June 1, 1999 –April 30, 2005
Total costs: \$1,000,179
% Effort/Salary Support: N/A
12. **Role: Consultant, Subject Matter Expert (under former name: Patricia L. Fiero, PhD)**
PI: Brue V
Sponsor: National Institute on Drug Abuse
Study Title: *Electronic Smoking Cessation Monitor and Communicator*
Project dates: September 30, 1999 – July 31, 2003
Total costs: \$749,870
% Effort/Salary Support: consulting fees

13. **Role: Consultant, Subject Matter Expert (under former name: Patricia L. Fiero, PhD)**
PI: Carson D
Sponsor: Department of Defense, Office of Naval Research
Study Title: *Phase II: Thoracic Cancer and Telemedicine Project. Project 5: Increasing public Awareness of Smoking Cessation Techniques through Pharmacist Intervention*
Project dates: September 1999-August 2000.
Total Cost: \$119,130
% Effort/Salary Support: 10%
14. **Role: Co-I (under former name: Patricia L. Fiero, PhD)**
PI: Drobles, DJ
Sponsor: National Cancer Institute
Study Title: *Biobehavioral Mechanisms in Genetic Risk for Smoking.*
Project dates: July 1, 1999 – June 30, 2001
Total costs: \$308,938.
%Effort/Salary Support: 12% FTE for two years.
15. **Role: Site PI (under former name: Patricia L. Fiero, PhD)**
PI: Boyd, NR
Sponsor: National Cancer Institute
Study Title: Computerized Scheduling of Nicotine Inhaler Use: Phase I.
Project dates: January 1, 1999 – December 31 - 1999.
Total costs: \$105,301 (MUSC subaward portion \$40,407).
Fiero 55% FTE for six months.

Other Scholarly and Grant-related work:

OHDSI (Observational Health Data Sciences and Informatics) observational studies as data partner organization and co-investigator:

- Protocol title: Metastatic Bladder Cancer Across a Federated Network of Observational Data. PI: Asieh Golozar, MD. (2025)
- Protocol title: GDE (Guideline Driven Evidence)2025 – Community-acquired pneumonia (CAP) Treatment Pathways Study. PI: Anna Ostropolets, MD, PhD. (2025)
- Protocol title: Comparative Effectiveness of Different Dosing Schedules of Pneumococcal Conjugate Vaccines: Target Trial Emulation. PIs: Fan Bu, Kyoko Shioda. (2025).

Role: Strategic Coach, Grant Writer

Contact PI: Fulton B

External Granting Agency: Lilly Endowment, Indiana Data Partnership

Grant title: *Indiana Data Partnership: Developing a Collaborative Decision-Support Framework for Indiana*

Project dates: December 2018 – December 2019

Total cost: \$2M

% Effort/Salary Support: N/A

Role: Strategic Coach, Grant Writer

Contact PI: Borner, K.

External Granting Agency: National Institutes of Health

Grant title: *The Human Body Atlas: High-Resolution, Functional Mapping of Voxel, Vector, and Meta Datasets*

Project dates: September 21, 2018- September 20, 2022

Total costs: \$979,496 to date

Direct Costs Per Year: varies by year - \$209,524 for 2018, \$381,062 and \$31,426 for 2019

% Effort/Salary Support: N/A

Role: Strategic Coach, Grant Writer

Contact PI: Rocha, L.

External Granting Agency: National Institutes of Health

Grant title: *Myaura: Personalized Web Service for Epilepsy Management*

Project dates: September 10, 2018 – May 31, 2022

Total costs: \$1M

Direct Costs Per Year: \$217,500

% Effort/Salary Support: N/A

Role: Strategic Coach, Grant Writer

Contact PI: Rocha, L.

Sponsor: National Science Foundation

Grant title: *Interdisciplinary Training in Complex Networks and Systems*

Project dates: September 1, 2017 – August 31, 2023

Total Cost: \$3M

% Effort/Salary Support: 0

Role: Strategic Coach, Grant Writer

Contact PI: Pestilli F

External Granting Agency: National Science Foundation

Grant title: *Connectome mapping algorithms with application to community services for big data neuroscience*

Project dates: September 21, 2017 – August 31, 2020

Total costs: ~\$1M

% Effort/Salary Support: N/A

Role: Strategic Coach, Grant Writer

PI: Pestilli F

Sponsor: National Science Foundation

Grant title: *BD Spokes: SPOKE: MIDWEST: Collaborative: Advanced Computational Neuroscience Network (ACNN)*

Project dates: September 7, 2016 - August 31, 2020

Total costs: \$332,869.00

% Effort/Salary Support: N/A

Impact Analytics

<i>h</i> -index	<i>i</i> -10-index	Total Publications	First/Last Author Publications	Total Citations	Total Citations since 2021
29	42	70	41	7896	3078

Analysis based on data from Google Scholar; accessed 01/25/2026

Peer-Reviewed Publications – in reverse chronological order***Indicates senior author or shared senior coauthorship**

1. Irene López-Sánchez^{1,2,*}, Anna Palomar-Cros^{1,*}, Agustina Giuliodori¹, Laura Granés¹, Laura Pérez-Crespo¹, Berta Raventós³, Edward Burn⁴, Anton Barchuk³, Vlad Korsik⁵, Laia Peruchet, Laia Escudé, Patricia Pedregal, Raivo Kolde^{6,,}, Sulev Reisberg^{6,7}, Lillian Sung⁸, Elin J Rowlands⁴, Danielle Newby⁴, Annelies Verbiest^{9,10}, Seng Chan You^{11,12}, Subin Kim^{11,12}, Maaïke van Swieten¹³, Jelle Evers¹³, Tor Åge Myklebust^{14,15}, Espen Enerly¹⁴, Josip Vrancic¹⁶, Mario Šekerija^{17,18}, Zsolt Bagyura¹⁹, Loretta Kiss¹⁹, Jason C. Hsu²⁰⁻²², Thi Kim Hien Nguyen²², **Patricia L. Mabry**²³, Samuel Patnoe²³, ... Asieh Golozar²⁴, Elena

- Roel¹, Talita Duarte-Salles^{1,3} Temporal trends in epidemiology and patient characteristics of 36 cancers: a protocol for a multinational population-based cohort study using OMOP-standardised databases to investigate CANcer (OMOPCAN). Target journal: BMJ Open; Accepted with minor revisions.
2. Tianyuan Huang, Hangdi Xing, Jiaxian He, Zhi Yu, Sheng Zhou, **Patricia L. Mabry**, Zepeng Zhu, Zirui Shao, Jiajun Bu, Xiaozhong Liu. 2026. Let Me Be Your Eyes: Proactive Scene-Aware Visual Assistance for Persons with Blindness and Low Vision. Under review at ACM International Conference on Multimedia (ACMMM), April 2026, paper #8442.
 3. Bridging Trust and Efficiency: Benchmark Dataset for Collaborative AI-Human Triage for Emergency Room Decision-Making. (May 2025 submission). Jinhong Yu, Zhikai Xue, Yang Wu, Roe Shraga, Yejin Kim, Min Ji Kwak, Bradley D Gordon, **Patricia L. Mabry***, Xiaozhong Liu. Under revision at ACL Rolling Review January 2026, Short paper #2465.
 4. Li, X., Patterson, E., **Mabry, P.L.** and Osgood, N.D., 2025. Compositional System Dynamics: The Higher Mathematics Underlying System Dynamics Diagrams & Practice. *arXiv preprint arXiv:2509.18475*.
 5. **Mabry, P.L.**, JaKa, M.M., Gillesby, A., Asche, S.E., Basile S., Kharbanda E., Michalowicz B., Worley D., Kromrey K., Fletcher L., & Rindal, D.B. (2026). In press. Development of a behavioral intervention, *Increasing HPV vaccine uptake – delivered in dental settings (HPV-V Uptake-DDS)*. *Behavioral Medicine* special issue titled, “Terminated Public Health Science.”
 6. Rindal, D.B., Asche, S., Kharbanda, E., Michalowicz, B., Worley, D., Jaka, M., Kromrey, K., Fletcher, L., Gillesby, A., Basile, S. and **Mabry, P.L.*** (2026). Increasing HPV vaccine promotion by dental providers: A clinical trial protocol. *Contemporary Clinical Trials*, p.108222.
 7. Li, X., Patterson, E., **Mabry, P. L.**, & Osgood, N. D. (2025). Compositional System Dynamics: The Higher Mathematics Underlying System Dynamics Diagrams & Practice. *arXiv preprint arXiv:2509.18475*.
 8. JaKa, M.M., Henderson, M.G., Alch, S., Ziegenfuss, J.Y., Zinkel, A.R., Osgood, N.D., Werner, A., Borgert Spaniol, C.M., Flory, M. and **Mabry, P.L.***, 2024. Qualitative Interviews to Add Patient Perspectives in Colorectal Cancer Screening: Improvements in a Learning Health System. *Journal of Cancer Education*, 39(1), pp.78-85..
 9. JaKa, M.M., Henderson, M.S., Gillesby, A.D., Zibley, L.J., Basile, S.M., Michalowicz, B.S., Worley, D., Kharbanda, E.O., Asche, S.E., **Mabry, P.L.*** & Rindal, B. D. (2024, April). “I’m torn”: qualitative analysis of dental practitioner-perceived barriers, facilitators, and solutions to HPV vaccine promotion. In *Healthcare* (Vol. 12, No. 7, p. 780). MDPI. *Shared Sr. author.
 10. Lin, T., Wang, Q., Jiang, Z., Yuan, W., Huang, C., **Mabry, P***, & Liu, X. (2023). Investigating Academic Graph-Based Factors behind Funding Success in National Institutes of Health. *Proceedings of the Association for Information Science and Technology*, 60(1), 651-655. *Shared senior author.
 11. Pronk, N.P, **Mabry PL**, Bond, S, Faghy, MA (2023). Systems Science Approaches to Cardiovascular Disease Prevention and Management in the Era of COVID-19: A Humpty-Dumpty Dilemma? Preventing Cardiovascular Disease. *Progress in Cardiovascular Diseases*, 76, 69-75.
 12. **Mabry, Patricia L.**, Martinson, Brian, Valente, Thomas, & Liu, Xiaozhong. *Exploiting Interdisciplinary Research Design for Temporally Complex Big Data: Discussion of a Case- Study Using on*

- Heterogenous Bibliographic Big Data. Proceedings of the Association for Information Science and Technology*, 59 (1); 579-582. Retrieved from <https://par.nsf.gov/biblio/10349613>.
13. **Mabry, PL** & Ginexi, E, Training the New Generation for Precision Nutrition. (2022). In Research Gaps and Opportunities in Precision Nutrition: An NIH Workshop Report. B.Y. Lee, J.M. Ordovas, & E. Parks (Eds). Anderson CAM, Barabási A-L, Clinton SK, de la Haye K, Duffy VB, Franks PW, Ginexi EM, Hammond KJ, Hanlon EC, Hittle M, Ho E, Horn AL, Isaacson RS, **Mabry PL**, Malone S, Martin CK, Mattei J, Meydani SN, Nelson LM, Neuhouser, ML, Parent B, Pronk NP, Roche HM, Saria S, Scheer FAJL, Segal E, Sevick MA, Spector TD, Van Horn L, Varady KA, Voruganti VS, Martinez M. [PMID: 36055772]. *The American journal of clinical nutrition*, 116(6), 1877-1900. 2022 Sep2:nqac237. doi: 10.1093/ajcn/nqac237
 14. **Mabry PL**, Pronk NP, Amos CI, Witte JS, Wedlock PT, Bartsch SM, Lee BY. [Cancer systems epidemiology: Overcoming misconceptions and integrating systems approaches into cancer research](#). PLoS Med. 2022 Jun;19(6):e1004027. doi: 10.1371/journal.pmed.1004027. eCollection 2022 Jun. PubMed PMID: 35714096.
 15. Rindal DB, **Mabry PL**. [Leveraging Clinical Decision Support and Integrated Medical-Dental Electronic Health Records to Implementing Precision in Oral Cancer Risk Assessment and Preventive Intervention](#). J Pers Med. 2021 Aug 25;11(9). doi: 10.3390/jpm11090832. PubMed PMID: 34575609; PubMed Central PMCID: PMC8470765.
 16. **Mabry PL**, Yan X, Pentchev V, Van Rennes R, McGavin SH, Wittenberg JV. CADRE: A Collaborative, Cloud-Based Solution for Big Bibliographic Data Research in Academic Libraries. *Frontiers in Big Data* 2020;**3**(42) doi: 10.3389/fdata.2020.556282[published Online First: Nov 20, 2020].
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51. **Mabry PL**, Olster DH, Morgan GD, Abrams DB. *Interdisciplinarity and systems science to improve population health: a view from the NIH Office of Behavioral and Social Sciences Research*. *American journal of preventive medicine*, 35(2 Suppl): S211-24. <http://www.sciencedirect.com/science/article/pii/S0749379708004315>.
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<http://ajp.psychiatryonline.org/cgi/content/abstract/150/2/294>.

Non-Peer-Reviewed Publications

1. [authors in alphabetical order after first author] Barton M, Alberti M, Na'ia Alessa L, Axtell R, Banks S, Bennett D, Bettencourt L, Brondizio E, Brown D, Buja L, Ciampaglia G, CoBabe-Amman E, Faul J, Feddema J, Fox P, Galvin K, Gaylin D, Groves R, Hackett E, Hofferth S, Jackson JS, Kim Y, Lam D, LeClere F, van der Leeuw S, Levy M, Liu J, **Mabry P**, et al. (November 2016). *Clearinghouse for Integrative Human Analytics and Data Synthesis (IHADS). Comments to the U.S. Congress' Commission on Evidence-Based Policymaking*. Note: Many of the recommendations made in this letter are reflected in the Commission's report which recommends a National Secure Data Service (NSDS) that would provide one-stop shopping for scientists while improving privacy protection for everyone whose personal information appears in the databases. See Mervis, Jeffrey. "Panel urges steps to boost evidence-based policy." *Science*. September 8, 2017; 357(6355): 959-959.

http://www.sciencemag.org/news/2017/09/how-collect-better-data-government-programs-and-improve-privacy-too?utm_campaign=news_weekly_2017-09-08&et rid=17176884&et cid=1535895.

2. Alberti M, Alessa L, Axtell R, Bankes, S, Barton, M, Bennett, D, Bettencourt L, Brondizio E, Brown D, Buja L, Ciampaglia GL, CoBabe-Amman E., Faul JD, Feddema J, Fox P, Galvin K, Gaylin D, Groves R, Hackett E, Hofferth S, Jackson JS, Kim Y, Lam D, LeClere F, van der Leeuw S, Levy M, Liu J, **Mabry P**, Moran E, Nelson GC, Prewitt K, Rand W, Rogers D, Romero-Lankao P, Smith Evans K, Syvitski J, Turner B, Wang S. Comment to Commission on Evidence-Based Policymaking - CLEARINGHOUSE FOR INTEGRATIVE HUMAN ANALYTICS AND DATA SYNTHESIS (iHADS). Nov 2016.

Books

Chapters in Books

1. **Mabry, PL** (2021) contributing author. National Academies of Sciences, Engineering and Medicine. Reflections on Using Systems Science Applications to Inform Obesity Solutions. In: Using Systems Applications to Inform Obesity Solutions: Proceedings of a Workshop [Internet] Washington, DC: The National Academies Press; 2021. Chapter 4; p.47-58. Available from: <http://nap.edu/25900>
2. **Mabry PL**. (2018). How To Get The Most From Your Mentoring Experience. Invited book chapter in *Finding a Successful Career Outside Academia: A Guide for Doctoral Students in the Behavioral and Social Sciences*. Urban J, Linver (eds.) American Psychological Association (APA) Press. ISBN: 978-1-4338-2952-9. <http://www.apa.org/pubs/books/4313051.aspx>. Peer-reviewed.
3. Urban JB, **Mabry PL**, Osgood N, Okamoto J, Lich KH. (2014). Developmental Systems Science: Current and Future Applications. Book chapter in Molenaar PC, Newell KM, Lerner RM (eds): *Handbook of Developmental Systems Theory and Methodology*. New York, NY: The Guilford Press. Peer-reviewed. Author contributions: contributed to conceptualizing chapter, wrote/edited manuscript.
4. **Mabry PL**, Augustson EM, Morgan GD, Leischow S. (2004). Clinical Approaches to Smoking Cessation. In Hirsch FR, Bunn PA Jr, Kato H, Mulshine JL (eds.), *IASLC Textbook of Prevention and Early Detection of Lung Cancer*. Abingdon, England: Taylor & Francis. Peer-reviewed. Author contributions: conceptualized chapter with input from co-authors, wrote initial draft of manuscript.
5. **Fiero PL**, Hiott DW. (2003). Case 69: Stress management. In *Sleep Well: Pediatrics, Psychiatry and Neurology, Vol. 3 (Sleepwell Review Series)*, Key JD, Hiott DW, Carter TD (eds). Blackwell Science, Oxford, UK. ISBN: 0-632-04666-X. Peer-reviewed. Author contributions: conceptualized chapter and wrote initial full draft of manuscript.
6. **Fiero PL**, Hiott DW. (2003). Case 68: Treating the obese patient. In *Sleep Well: Pediatrics, Psychiatry and Neurology, Vol. 3 (Sleepwell Review Series)*, Key JD, Hiott DW, Carter TD (eds). Blackwell Science, Oxford, UK. ISBN: 0-632-04666-X. Peer-reviewed. Author contributions: conceptualized chapter and wrote initial full draft of manuscript.
7. **Fiero PL**, Hiott DW. (2003). Case 67: Smoking and pregnancy. In *Sleep Well: Pediatrics, Psychiatry and Neurology, Vol. 3 (Sleepwell Review Series)*, Key JD, Hiott DW, Carter TD (eds). Blackwell Science, Oxford, UK. ISBN: 0-632-04666-X. Peer-reviewed. Author contributions: conceptualized chapter and wrote initial full draft of manuscript.

8. Brady KL, Fiero PL. (2001). Individual Factors Influencing Medical Conditions. In, *Advanced Abnormal Psychology, 2nd Edition*, Hersen M, Van Hasselt VB (eds.), Kluwer Academic/Plenum Publishers, New York. Peer-reviewed. Co-wrote/edited manuscript.

Websites

1. <https://smokefree.gov/> Contributed to the content and usability testing of the original smokefree.gov website. The website is designed to provide information and resources to smokers wanting to quit. It is a public service of the National Cancer Institute. See publications and presentations section of the CV (lead author Stoddard) for works related to the development of the website.
2. Ma, J., **Mabry, P.L.**, Pentchev, V., Van Rennes, R., Wilkinson, J., Wittenberg, J.V., and Yan, X. *CADRE Accessibility Update Report*. Official Vendor Response featured on Big Ten Academic Alliance Library Accessibility Alliance E-Resource Testing page. October 25, 2020. <https://www.btaa.org/library/accessibility/library-e-resource-accessibility-testing>
3. Ma, J., **Mabry, P.L.**, Pentchev, V., Van Rennes, R., Wilkinson, J., Wittenberg, J.V., and Yan, X. *CADRE Accessibility Update Report*. Bloomington, Indiana. October 25, 2020. <https://cadre.iu.edu/resources/accessibility-report>

Presentations

Invited Oral Presentations at International Professional Meetings, Conferences, etc.

1. **Mabry, PL**, Yan X, Otto T, Borner K, Park M, Min C, Hansen S, Pentchev V, Wittenberg JV, Van Rennes R. "ISSI 2019: CADRE Workshop." Workshop presented at the 2019 International Conference of Scientometrics and Informetrics, Rome, Italy, September 2, 2019. https://youtu.be/SORK_OZYjcE.
2. Yan X, Pentchev V, **Mabry PL**, Wittenberg J, Van Rennes R. *CADRE: A Platform for Enabling Research via Shared Data, Resources, and Community (tutorial)*. International Society for Scientometrics and Informetrics Biannual Conference. Rome, Italy. September 2, 2019.
3. Yan X, Pentchev V, **Mabry P**, Wittenberg J, Van Rennes R. *Collaborative Archive & Data Research Environment (CADRE): Building a reproducible big data infrastructure for academic data*. An invited talk at the *Forum of Artificial Intelligence and Security*, Dalian University of Technology, Dalian, Liaoning, China. May 17, 2019.
4. Yan X, Pentchev V, **Mabry P**, Wittenberg J, Van Rennes R. *Collaborative Archive & Data Research Environment (CADRE): Building a reproducible big data infrastructure for academic data*. An invited talk at the *3rd Forum of Young Scholars*, Nanjing University. Nanjing, Jiangsu, China. May 8, 2019.
5. Yan X, Pentchev V, **Mabry P**, Wittenberg J, Van Rennes R. *Collaborative Archive & Data Research Environment (CADRE): Building a community infrastructure for big academic data*. An invited talk at the Alpha Lab of the Dalian, University of Technology, China. December 24, 2018; Dalian, China.
6. Wittenberg, JV, Pentchev V, **Mabry PL**, Yan X, Van Rennes R. "The Shared Big Data Gateway (SBD-Gateway) Project: Collaborative Archive & Data Research Environment (CADRE)." Poster Presentation presented at the Research Data Alliance 12th Plenary Meeting, Gaborone, Botswana, November 6, 2018.
7. **Mabry PL**. *Systems Science and Health: Making a Difference in the 21st Century*. Invited keynote speaker, International Systems Science Society. Vienna, Austria; July 12, 2017.

8. **Mabry PL.** *Systems Science for Behavioral and Social Sciences Research: A Look at the Future.* Invited keynote address for the the 2014 International Conference on Social Computing, Behavioral Modeling and Prediction (SBP12). April 2, 2014, Washington, DC. <http://sbp-conference.org/keynote/>
9. **Mabry PL.** *Behavioral Digital Epidemiology: Current Research and Future Directions.* Invited presentation at the International Workshop on Digital Epidemiology. Fondazione ISI (ISI Foundation, or the International Foundation for Scientific Interchange), Turin, Italy, May 31, 2013. <http://www.isi.it/sites/default/files/Mabry.pdf>
10. **Mabry PL.** (2009). *A System Dynamics Model of Cardiovascular Disease Risk: Identifying Policy Levers in a Local Context.* First Annual Workshop on Dynamic Modelling for Health Policy: Obesity & Obesity Related Chronic Disease. Saskatoon, Saskatchewan, Canada; July 22-24, 2009.

Invited Oral Presentations at National Professional Meetings, Conferences, etc.

‡Designates keynote

1. McKeen DA, Patnoe S, Grossman L, & **Mabry PL.** *HealthPartners: OHDSI Evidence Network Journey.* Oral presentation delivered at the OHDSI Evidence Network Workgroup Meeting at the OHDSI 2025 Global Symposium. New Brunswick, NJ; October 7-9, 2025. <https://www.ohdsi.org/ohdsi2025/>
2. **Mabry, PL.** *Unlocking Modeling and Simulation for Clinical Decision Support and Beyond: Implications for Future FDA Guidance.* 2022 ASA Biopharmaceutical Section Regulatory-Industry Statistics Workshop (amstat.org) (RISW). Invited for presentation as part of the Town Hall panel, September 21, 2022. Rockville, MD.
3. ‡**Mabry, PL.** *The Future is Now: Perspectives on Artificial Intelligence, Modeling and Simulation.* Keynote, SBP-BRIMS (Social Computing, Behavioral Modeling, Prediction and Behavioral Representation in Modeling and Simulation) Annual Conference. July 6, 2021 (virtual).
4. ‡**Mabry, PL.** *Getting to Smart*ER* Health: Perspectives on the Future of Sensors+AI+Modeling and Simulation.* Invited keynote address presented at: WVAR-CRESH: Workshop on AI and Data Science in Smart Health 2021, Sponsored by NSF Award # # 1920920. <https://community.wvu.edu/~daadjero/projects/cresh/activity/workshop2021/>.
5. **Mabry PL.** *Strategies to Retain Precision Nutrition Trainees and Hybrid Fields: Six Recommendations.* Presented at: NIH Precision Nutrition: Research Gaps and Opportunities Workshop. Sponsored by National Institutes of Health National Heart Lung and Blood Institute (NHLBI), National Institute on Digestive Disorders and Kidney Disease (NIDDK), and Office of Disease Prevention (ODP). January 12, 2021(webcast).
6. **Mabry PL.** *Reflections on Using Systems Applications to Inform Obesity Solutions.* Presented at: Using Systems Applications to Inform Obesity Solutions: A Workshop (webcast). Hosted by the Health and Medicine Division of the National Academies of Sciences, Engineering, and Medicine (NASEM). September 16, 2020 via webcast.
7. Wittenberg JV, Van Rennes R, Pentchev V, Yan X, **Mabry PL.** "CADRE Product Owner Council." Presentation and meeting hosting to be delivered at the Product Owner Council Meeting 2020, Bloomington, Indiana, April 29, 2020. Via webcast.
8. Wittenberg JV, Van Rennes R, **Mabry PL,** Pentchev V, Yan X. "Empowering Data-Driven Research through an Open, Accessible Data Infrastructure." Project Briefing accepted for presentation at the

Coalition for Networked Information (CNI) Spring 2020 Membership Meeting, Bloomington, Indiana, April 22, 2020.

9. **Mabry PL.** *Complex Solutions for Complex Problems: Obesity – What Systems Science Can Do to Help.* Invited by the Roundtable on Obesity Solutions within Health and Medicine Division (formerly Institute of Medicine) of the National Academies of Sciences, Engineering, and Medicine to present at a public workshop, *Integrating Systems and Sectors toward Obesity Solutions.* April 6-7, 2020; Washington, DC.
10. Yan X, Pentchev V, Hutchinson M, Silva F, Wittenberg JV, **Mabry PL**, Van Rennes, R. “CADRE: A One-Stop Shop for Scholarly Data Access, Sharing, and Reproducible Computation.” Workshop presented at the CADRE Workshop Series, Bloomington, Indiana, February 10, 2020.
<https://cadre.iu.edu/news-and-events/events/cadre-workshop-iu>.
11. **Mabry PL.** *Addressing the Wicked Problem of Health Disparities.* Presented to National Institute on Minority Health and Health Disparities (NIMHD) Intramural Research Program, as part of the NIMHD 10th Anniversary Seminar Series. January 14, 2020 via webcast.
12. Van Rennes R, Wittenberg JV, **Mabry PL**, Pentchev V, Yan X. “Collaborative Archive & Data Research Environment: A Big Data Solution for Research Libraries.” Poster Presentation presented at the Charleston (Library) Conference, Charleston, South Carolina, November 6, 2019.
13. Pentchev V, Van Rennes R, Wittenberg JV, **Mabry PL**, Yan X. “CADRE: A Big Data Solution for Research Libraries.” Poster Presentation presented at the Midwest Big Data Hub All-Hands Meeting, Big Ten Conference Center, Rosemont, Illinois., October 29, 2019.
14. Pentchev V, Yan X, **Mabry PL**, Wittenberg JV, Van Rennes R. “CADRE: A Platform for Enabling Research via Shared Data, Resources, and Community.” Demonstration presented at Science Gateways 2019, San Diego, California, September 23, 2019. <https://cadre.iu.edu/news-and-events/events/midwest-big-data-hub-all-hands-conference>
15. Wittenberg, JV, Pentchev V, **Mabry PL**, Yan X, Van Rennes R. “Works in Progress Webinar: Democratizing Access to Large Datasets through Shared Infrastructure.” Webinar presented at the OCLC Works in Progress Series, Bloomington, Indiana, August 8, 2019. <https://youtu.be/s4NPmB-aSvQ>.
16. Pentchev, V, J Wittenberg, JV, **Mabry PL**, Yan X, Van Rennes R. “CADRE: Collaborative Archive & Data Research Environment.” Webinar presented at the Data Sharing & Cyberinfrastructure Working Group, Bloomington, Indiana, May 3, 2019. <https://www.youtube.com/watch?v=EYIjIhelzo>.
17. Wittenberg, JV, Van Rennes R, Pentchev V, Yan X, **Mabry PL**. “CADRE Product Owner Council.” Presentation and meeting host at the Product Owner Council Meeting 2019, Rosemont, Illinois, April 29, 2019.
18. Wittenberg, JV, Pentchev V, Yan X, Hutchinson M, **Mabry PL**, Van Rennes R. “CADRE: A New Model for Shared Big Data Infrastructure in Academic Libraries.” Demonstration presented at the Open Science Forum, Bloomington, Indiana, April 24, 2019.
<https://www.youtube.com/watch?v=8NjmOvkqDAw>.
19. Wittenberg, JV, Van Rennes R, **Mabry PL**, Pentchev V, Yan X. “Computational Research for Everyone: A New Model for Shared Big Data Infrastructure in Academic Libraries.” Lightning Talk presented at Association of College and Research Libraries (ACRL) 2019, Cleveland, Ohio, April 10, 2019.

20. Yan X, Pentchev V, **Mabry PL**, Wittenberg JV, Van Rennes R. "Collaborative Archive & Data Research Environment (CADRE): Mission and Vision of the Research Asset Commons." An invited talk at the lab of Yong-Yeol "YY" Ahn, Ph.D., Associate Professor and Director of Undergraduate Studies, Informatics Center for Complex Networks and Systems Research, Luddy School of Informatics, Computing, and Engineering, Indiana University, Bloomington, Indiana, April 12, 2019.
21. Van Rennes R, Wittenberg JV, **Mabry PL**, Pentchev V, Yan X. "The Shared Big Data Gateway Project: Collaborative Archive & Data Research Environment (CADRE)." Poster Presentation presented at ER&L 2019, Austin, Texas, March 5, 2019.
22. **Mabry P.** *Lessons Learned from the NIH Envision Obesity Modeling Network.* An invited talk as part of a panel entitled: *Successes and Challenges in Systems Modeling.* Presented at the *Workshop to Facilitate Cancer Systems Epidemiology Research.* Sponsored by the National Cancer Institute, NIH, Bethesda, MD; February 28, 2019.
23. Van Rennes R, Wittenberg JV, **Mabry PL**, Pentchev V, Yan X. "The Shared BigData-Gateway Project: Collaborative Archive & Data Research Environment (CADRE)." Report presented at the American Library Association Midwinter Meeting, Seattle, Washington, January 25, 2019.
24. Van Rennes, R., Wittenberg, J., Pentchev, V., **Mabry, P.**, Yan, X. The Shared BigData-Gateway Project: Collaborative Archive & Data Research Environment (CADRE). A report to the Collection Development Officers of the Big Ten Academic Alliance at the American Library Association Midwinter Meeting. January 25, 2019; Seattle, WA.
25. Van Rennes R, Wittenberg JV, **Mabry PL**, Pentchev V, Yan X. "The Shared BigData-Gateway Project: Collaborative Archive & Data Research Environment (CADRE)." Report to the Library Directors of the Big Ten Academic Alliance, Rosemont, Illinois, November 30, 2018.
26. Pentchev V, Yan X, Wittenberg JV, **Mabry PL**, Van Rennes R. "Shared BigDataGateway for Research Libraries." Presentation presented at the Midwest Big Data Hub All-Hands Meeting, Columbus, Ohio, November 6, 2018.
27. Yan X, Pentchev V, Wittenberg JV, **Mabry PL**, Van Rennes R., Hutchinson R, Serrette B. "The Shared Big Data Gateway (SBD-Gateway) Project: Collaborative Archive & Data Research Environment (CADRE)." Poster Presentation presented at the Midwest Big Data Hub All-Hands Meeting 2018, Columbus, OH, November 5, 2018.
28. Wittenberg, JV, Van Rennes R, Pentchev V, **Mabry PL**, Yan X. "Shared BigData Gateway for Research Libraries." Presentation and host of the Product Owner Committee Meeting 2018, Bloomington, Indiana, October 23, 2018.
29. **Mabry PL.** (Invited; presenter and panel moderator). Invited presentation: *Building a Community for Systems Science and Health Behavior Policy.* As part of a panel: *The Future of Modeling Social Dynamics and Health Behavior: Learning from the Past.* Presented at *Modeling Social Dynamics & Health Behavior Conference*, University of Pittsburgh, Graduate School of Public Health. October 26, 2018; Pittsburgh, PA.
30. Wittenberg J, Van Rennes R, Pentchev V, **Mabry P**, Yan X. *Shared BigData Gateway for Research Libraries.* A presentation to the Product Owner Committee of the Shared BigData Gateway project. October 23, 2018, Bloomington, Indiana.
31. **Mabry PL.** Organizer, panel Chair and Speaker, *Systems Science to Improve Health Behavior Policy Decision Making: Gaps and Opportunities.* Invited presentation as part of a panel on Computational Social Science in Health and Medicine, *10th International Conference on Social Computing*,

Behavioral and Cultural Modeling and Prediction with Behavioral Representation in Modeling and Simulation (SBP-BRiMS). July 12, 2018, Washington, D.C.

32. **Mabry PL.** *Systems Science to Aid Derivation of Dietary Guidelines for Americans.* Invited presentation delivered to the National Academies of Sciences, Engineering and Medicine, Health and Medicine Division, Committee to Review of the Process to Update the Dietary Guidelines for Americans. Washington, D.C., January 10, 2017.
33. **Mabry PL.** *Systems Science to Support Translation Research and Implementation Science: An NIH Perspective.* Invited presentation at the Simulation Modeling and Systems Science in Implementation Research Workshop, sponsored by the Center for Translation Research and Implementation Science (CTRIS) of the National Heart Lung and Blood Institute (NHLBI), NIH. July 8, 2015; Bethesda, MD.
34. **Mabry PL.** *Promoting the Best Methods for Prevention Research: Modeling and Simulation: Validation and Best Practices.* An invited presentation to the Board on Mathematical Sciences and Their Applications, Division on Engineering and Physical Sciences, National Research Council of the National Academies. Washington, D.C., May 8, 2015.
35. **Mabry PL.** *Promoting the Best Methods for Prevention Science: Enhancing Inquiry in Health Disparities Research.* Invited presentation. National Institute on Minority Health and Health Disparities (NIMHD) Health Disparities Science Visioning Meeting. January 26, 2015, Rockville, MD.
36. [‡]**Mabry PL.** Presenter, keynote panel entitled, “*Surviving and Thriving in Public Health: The Past, Present, and Future of Social Sciences.*” Invited speaker for a day-long symposium entitled, “*The Future of Social Science and Public Health.*” Hosted by the Department of Sociomedical Sciences, Columbia University. November 7, 2014, New York, NY.
37. **Mabry PL.** *Network Analysis in Obesity Research: The Road Ahead.* Invited presentation for the meeting, *The Social Network: A Systems Approach to #ChildhoodObesity,* organized and hosted by the Global Obesity Prevention Center at Johns Hopkins University. October 22, 2014, Baltimore, MD.
38. [‡]**Mabry PL.** *Embracing the Best Methods for Prevention Research: 21st Century Methods for Demographers.* Invited keynote address to the Annual Meeting of the Southern Demographic Association (SDA). Thursday, October 16, 2014, Memphis, Tennessee.
39. **Mabry PL.** Co-Chair (with Regina Bures, NICHD) Envision Summit: August 21-22, 2014; Washington, DC.
40. Wagenaar A, Burris S, Flay B (presenters), **Mabry PL,** Compton W (invited discussants). *Law as a Preventive Intervention: Theory and Methods.* Annual meeting of the Society for Prevention Research. May 28, 2014, Washington, D.C.
41. Hammond R, Luke D, Estrin D (presenters), Stoney C (Chair), **Mabry PL** (invited discussant). *Innovative Approaches to Improve the Reach, Delivery and Impact of Behavioral Interventions.* Presented at the NHLBI-sponsored workshop entitled, Innovative Study Designs and Methods for Developing, Testing and Implementing Behavioral Interventions to Improve Health. April 3, 2014, Bethesda, MD.
42. **Mabry PL.** *Lessons from Sponsoring Inter-disciplinary Modeling Efforts.* Presented at a grantee meeting of the Scientific Workforce Analysis and Modeling (SWAM) project http://meetings.nigms.nih.gov/assets/SWAMoct2011/2011_1_13_SWAM_White_Paper_Final_for_S_C.pdf October 29, 2013. The Ohio State University – John Glenn School of Public Affairs, Columbus, OH.

43. **Mabry PL.** Lunch Workshop presenter (invited). *Systems Science: Innovative Methods for Epidemiology*. American College of Epidemiology annual meeting. Louisville, KY, September 23, 2013.
44. **Mabry PL.** MAC Workshop Chair and presenter. Presentation title: *Funding Opportunities, Training, and Programmatic Interest in Systems Science at NIH*. Workshop title: *Enhancing the Epidemiologist's Research Toolbox: An Introduction to Systems Science*. Invited Pre-conference Workshop (with peer review; includes six other presenters); venue arranged by the Minority Affairs Committee (MAC) of the American College of Epidemiology (ACE) at the annual meeting. Louisville, KY, September 21, 2013.
45. **Mabry PL.** *Systems Science Applications in Childhood Obesity Research: Current Status and Future Directions*. Invited presentation. Part of the *Seminar Series and Webcast in Systems Science and Obesity* organized by the Johns Hopkins Global Center on Childhood Obesity. Baltimore, MD. September 18, 2013. http://www.jhsph.edu/research/centers-and-institutes/johns-hopkins-global-center-on-childhood-obesity/webcasts/20130918_Mabry.html
46. **Mabry PL.** *Systems Science Methods to Engage Communities in Dissemination and Implementation Research*. Invited oral presentation to the Clinical and Translational Science Awards (CTSA) Comparative Effectiveness Research (CER) Key Function Committee. May 13, 2013 (virtual).
47. **Mabry PL.** *Infrastructures that Foster Systems Science and Health Behavior*. Invited presentation at the annual meeting of the American Academy of Health Behavior. Santa Fe, NM, March 20, 2013. Note: due to travel moratorium, presented via webcast.
48. **Mabry PL.** Esposito, L. Co-Chairs *Systems Science Café*. Half-day meeting of investigators and trainees of the Johns Hopkins Center for Childhood Obesity at NIH in order to hear relevant presentations by NIH program staff and intramural scientists, and tour of the Metabolic Clinical Research Unit where intramural research is conducted. November 16, 2012.
49. [‡]**Mabry PL.** *Systems Science Applications in the Behavioral and Social Sciences: Opportunities and Challenges at the National Institutes of Health*. By invitation. Keynote address presented at the annual meeting of the Association for the Advancement of Artificial Intelligence (AAAI); Arlington, Virginia, November 4, 2012.
50. **Mabry PL.** *Validation, Verification, and Uncertainty Quantification for Behavioral and Social Science Models*. An invited presentation to the Board on Mathematical Sciences and Their Applications, Division on Engineering and Physical Sciences, National Research Council of the National Academies. Washington, D.C., October 26, 2012.
51. **Mabry PL.** Bures, R. (Co-Chairs). *3rd Envision Summit*. July 30-31, 2012. Washington, D.C.
52. **Mabry PL.** *Systems Science Methodologies: Funding Opportunities and Activities at NIH*. Invited presentation to the Network on Inequalities, Complexity and Health. Sponsored by the NIH Office of Social and Behavioral Sciences Research (OBSSR). Washington, D.C., June 21, 2012.
53. **Mabry PL.** *Tobacco Policy Modeling: Potential to Inform Decision Making*. An invited presentation to the State and Community Tobacco Control Initiative Steering Committee. This is a network of grantees funded by the Tobacco Control Research Branch of the National Cancer Institute under a set of U01 cooperative agreements (RFA-CA-10-008). Washington, D.C., May 10, 2012.
54. **Mabry PL.** *Fueling Breakthroughs in Cancer Control Research: Methodological and Technological Innovation for Behavioral and Social Science Research*. An invited presentation to the Division of

Cancer Control and Population Sciences of the National Cancer Institute. Bethesda, MD, March 26, 2012.

55. ‡**Mabry PL.** *System-Driven Insights For Reinventing Healthcare Delivery: How NIH Can Help.* Invited keynote address, Second Annual Aspinwall Symposium. Worcester Polytechnic Institute, Worcester, MA, March 21, 2012. <http://www.wpi.edu/research/hdi/symposium12.html>
56. **Mabry PL.** *Systems Science for Public Health Application.* An invited presentation and part of a webinar entitled, Systems Science: A New Approach to Health Promotion Research & Practice, sponsored by the Society for Public Health Education (SoPHE). February 21, 2012.
57. **Mabry PL**, Bures, R. (Co-Chairs). *2nd Envision Summit.* February 1-3, 2012. Washington, D.C.
58. **Mabry PL.** *Statistical and Computational Modeling for Obesity Policy: Envision Update.* An invited presentation to the NIH Obesity Research Task Force. Bethesda, MD; January 18, 2012.
59. **Mabry PL.** (Invited Discussant). *Emerging Technologies for Measuring Individual Exposomes.* Convened by the National Academies Committee on Emerging Science for Environmental Health Decisions. Washington, D.C.; December 8-9, 2011.
60. **Mabry PL**, Spittel M. (Co-Chairs). (2011). *An Overview and Introduction to Systems Science at NIH.* Two one-hour presentations to the NIH Behavioral and Social Sciences Research Coordinating Committee. Rockville, MD; November 4 and December 2, 2011.
61. **Mabry PL.** (2011). *Activities and funding opportunities at OBSSR: Systems Science and Beyond.* Invited presentation as part of a symposium entitled, "Systems Science and Public Health". Annual meeting of the American Public Health Association (APHA). November 2, 2011; Washington, D.C.
62. **Mabry PL.** (2011). *NIH Best Practices for Mixed Methods Research: Guidelines for Combining Qualitative and Quantitative Methods.* Invited presentation for the 62nd Annual Meeting of the Society for Public Health Education (SoPHE). Arlington, VA; October 28, 2011.
63. **Mabry PL.** (2011). *Systems Science Research: Opportunities at NIH.* Data Science Epidemiology Workshop. Convened by the Center for Infectious Disease Dynamics, at The Pennsylvania State University. State College, PA; October 7, 2011.
64. **Mabry PL**, Spittel M. (2011). *System Science Methodologies: A Brief Introduction for Prevention Scientists at NIH.* An invited presentation to the NIH Prevention Research Coordinating Committee. Rockville, MD; September 13, 2011.
65. **Mabry PL.** (2010). Invited moderator for the panel: *The Science of Research Networks and Centers.* Part of the conference, Making the Difference in Tobacco-Related Health Disparities Science: TRéND Progress, Process, and Opportunities for Future Investment. Sponsored by the Tobacco Control Research Branch of the National Cancer Institute and the American Legacy Foundation. Bethesda, MD. October 25-26, 2010.
66. **Mabry PL**, Huang TT, Co-Chairs Envision Summit. September 21-22, 2010. Washington, D.C.
67. **Mabry PL.** Discussant, *The Application of System Sciences Methodologies to Prevention Research, Invited Symposium.* Presented at the Society for Prevention Research 18th Annual Meeting "Cells to Society: Prevention at All Levels". Denver, CO, June 2, 2010. Abstracts available on pp. 44-45 at http://www.preventionresearch.org/Final_Press.pdf
68. **Mabry PL.** (2010). *Would You Trust Agent-Based Models With Your Health?* As part of a panel *Would You Trust Models with Your Health?* At the IBM Almaden Institute, *Smarter Health through Modeling and Simulation*, April 28-29, 2010; Almaden, CA.

69. **Mabry PL.** (2008). *Brief History of OBSSR Collaborative Work in Systems Science and Health*. Presented as part of the ASysT Prize Seminar entitled, *Understanding the Dynamic Dimensions of Health Protection Policies* given by the prize winning team, Joyce Essien, Jack Homer, Gary Hirsch, Andrew Jones, Doc Klein, **Patty Mabry**, Bobby Milstein, Diane Orenstein, and Kristina Wile. Arlington, VA; July 25, 2008.
70. **Mabry PL.** (2006). *Cyberinfrastructure: Enabling Tools for Population Health*. A presentation to the Division of Behavioral and Social Sciences and Education (DBASSE) of the National Research Council (NRC), an operating arm of The National Academies. November 10, 2006.
71. **Mabry PL.** (2006). *Systems Thinking: An Introduction*. Presented to the [NIH Obesity Research Task Force](#). October, 2006.

Invited Oral Presentations at Local Professional Meetings, Conferences, etc.

1. **Mabry PL.** *Dynamic Simulation Modeling to Inform Coordinated Health System and Community-Based Strategies to Increase Colorectal Cancer Screening in African Americans*. Presented at Partners for Better Grants (PBG), HealthPartners Institute. March 29, 2022; via webcast.
2. **Mabry, PL.** *Making Good Happen: Threats and Opportunities in Model Specification, the Linchpin of Public Health Problem-Solving*. Invited presentation at: Advancing Public Health with Systems Science & Simulation Modeling Symposium. Sponsored by the Rafik B. Hariri Institute for Computing & Computational Science & Engineering, Boston University. June 6, 2022 via webcast.
3. **Mabry PL.** Zinkel A, Mee J, & Osgood N. *HealthPartners Dynamic Simulation Model for Colorectal Cancer Screening: Insights and Decision Support for Program Planning*. Presented to the Executive Team at HealthPartners. February 10, 2022. Bloomington, MN.
4. Rindal DB & **Mabry PL.** *Dental Care Provider Training and Support to Increase HPV Vaccine Uptake: A Cluster-Randomized Trial*. Presented at HealthPartners Institute Partners for Better Grants (PBG) forum. January 18, 2022, via webcast.
5. **Mabry PL.** *Grant Proposal Development: An Example featuring Scientific Workforce Diversity*. Invited guest lecture. Course: Grant Writing and Programming FSHD 820; Jennifer Brown Urban, PhD, Professor. Montclair State University. Delivered September 29, 2021 (virtual).
6. Maciosek M., **Mabry PL**, Dehmer S. *The Interplay of ENDS and Tobacco Control Policy: Impact on the Population Harms of Tobacco* (Resubmission). Presented to Partners for Better Grants (PBG). HealthPartners Institute. June 6, 2021 via webcast.
7. **Mabry PL.** *Application for ADCES Mentored Post-Doctoral Fellowship in Integrated Diabetes Management*. Partners for Better Grants (weekly meeting of Institute core investigators). April 21, 2021 (virtual).
8. **Mabry, P.L.** *Dynamic Simulation Modeling to Inform Joint Health System and Community Strategies to Increase Colorectal Cancer Screening in African Americans*. Invited to present at HealthPartners Institute Skunkworks Interest Group. March 24, 2021 (virtual).

9. **Mabry PL.** *Dynamic Simulation Modeling to Inform Coordinated Health System and Community-Based Strategies to Increase Colorectal Cancer Screening in Black Populations.* Partners for Better Grants (weekly meeting of Institute core investigators). January 19, 2021 (virtual).
10. La France A, Paskach R, Thirumalai V, **Mabry PL**, OBlenes S, Olsen A, Anderson J. *Machine Learning and Artificial Intelligence.* Partners for Better Projects (cross-Institute monthly forum). March 1, 2020. Bloomington, MN.
11. **Mabry, PL.** *Simulation Modeling to Improve Colorectal Cancer Screening.* Invited presentation to: Park Nicollet Institute Research Connections, St. Louis Park, MN. February 27, 2020.
12. Jaka M, Hooker S, Kumar P, **Mabry P.** "What Can Your Conceptual Model Do for You?" Presented at the Partners for Better Grants forum, HealthPartners Institute. December 11, 2019, Bloomington, MN.
13. **Mabry PL**, JaKa M. *Colorectal Cancer Screening among Health Partners Members and Beyond.* Presented at a stakeholder meeting for the Colorectal Cancer Screening Modeling Project (PI: Mabry, Co-PI: Osgood). Delivered at HealthPartners Institute, Bloomington, MN. September 24, 2019.
14. Yan X, Pentchev V, **Mabry P**, Wittenberg J, Van Rennes R. *Collaborative Archive & Data Research Environment (CADRE): Mission and Vision of the Research Asset Commons.* An invited talk at the lab of Yong-Yeol "YY" Ahn, Ph.D., Associate Professor and Director of Undergraduate Studies, Informatics Center for Complex Networks and Systems Research, Luddy School of Informatics, Computing, and Engineering, Indiana University. April 12, 2019; Bloomington, IN.
15. **Mabry PL.** *Creating a Health Policy Agenda for the Paso Del Norte Region Using Community Engagement and Systems Science.* Invited presentation given to the College of Health Sciences at the University of Texas, El Paso. El Paso, Texas, August 29, 2013.
16. **Mabry PL. (discussant)** for session that included two oral papers: *Putting Systems Science in the Mix: How Does It Add Value?* by T. T.-K. Huang, and *Predicting the Health Consequences of Changing Obesity Prevalence Using Micro-Simulation* by K. McPherson. Presented at the Johns Hopkins Global Center on Childhood Obesity, 1st Annual Scientific Symposium: *Innovations in Childhood Obesity Prevention: Systems Thinking and Systems Change.* April 9, 2013; Baltimore, MD.
17. **Mabry PL.** *Tobacco Policy Modeling Workshop: Recap of the Meeting.* By invitation. Presented to the NIH Tobacco and Nicotine Interest Group. March 27, 2013.
18. **Mabry PL.** *Systems Science for Decision Support Systems in Mental Health Services.* By invitation. Presented at the National Institute of Mental Health Staff Retreat; Rockville, MD. February 11, 2013.
19. **Mabry PL.** *An Application of Systems Science: A System Dynamics Model of Changes in NIH Appropriations.* This was a review of an unpublished paper modeling the unintended consequences of the doubling of the NIH budget and implications for future budget planning. Presented at the Office of Behavioral and Social Sciences Research Staff Meeting. Bethesda, MD, July 10, 2012.
20. **Mabry PL.** *NIH Activities and Funding Opportunities in Systems Science.* An invited presentation to the UNC-Duke Faculty Retreat. Via webcast, April 26, 2012.
21. **Mabry PL.** (2010). *Simulation Modeling to Inform Tobacco Control Policies.* Invited talk, University of Pittsburgh, Public Health Dynamics Seminar Series. Pittsburgh, PA; November 16, 2010.

22. **Mabry PL.** (2006). *Systems Thinking in Public Health “101”*. Presentation to the [Division of Nutrition Research Coordination](#) (DNRC), NIH. July 2006.
23. **Mabry PL.** (2006). *Consumer Demand: Innovations in Building Consumer Demand for Tobacco Cessation Products and Services*. Presentation to the Tobacco Control Research Branch at the National Cancer Institute (TCRB/NCI), Rockville, MD, May 2006.
24. **Mabry PL.** (2005). *Kick Butts for Good: What Works and What Doesn’t*. An invited presentation to the Loyola College Tobacco Intervention Club. Baltimore, MD, April 13, 2005.
25. **Fiero PL.** (2004). *Nicotine replacement therapy and Ecological Momentary Assessment: Exploring novel treatments for tobacco dependence*. Invited speaker, Grand Rounds, University of Virginia Hospital Department of Psychiatry and Behavioral Medicine. Charlottesville, VA, March 2004.
26. *Limitations of treatment and opportunities for research*. Invited speaker to graduate students and faculty in the Department of Psychology at the University of Virginia (Clinical Area Colloquia). Charlottesville, VA, March 2004.

Peer-reviewed Oral Presentations at International Professional Meetings, Conferences, etc.

1. Asieh Golozar, Patrick Alba, Henry Morgan Stewar, Dan Smith, Eric Fey, Valtteri Nieminen, Alexey Ryzhenkov, Tommi Kauko, Pia Tajanen-Doumbouya, Mikael Högerman, Sampo Kukkurainen, Harri Rantala, Åslaug Helland, Åsa Öjlert, Wei Hai Deng, Zarah Van Schoor, Jonas Minne, Stelios Theophanous, Geoff Hall, John Methot, Thejas Bharadwaj, Roshanthi Weerasinghe, Andrew Nute, Martin Koch, Ines Reinecke, Katja Hoffmann, Jasmin Carus, Stefan Bartels, Michael Franz, Álvaro Martínez Pérez, Carlos López Gómez, Ben Gerber, Jung Ae Lee, Thamir Alshammari, Jared Houghtaling, Paul Nagy, Ben Martin, Raivo Kolde, Marek Oja, Sirli Tamm, Miguel-Angel Mayer, Juan Manuel Ramirez-Anguita, Angela Leis, Sam T Patnoe, Deran A Mckeen, **Patricia L Mabry**, Seng Chan You, Subin Kim, Chang Jun Koc, Jason C. Hsu, Phung Anh Nguyen, Nguyen Thi Kim Hien, Phan Thanh Phuc, Qi Yang, Kees Ebben, Maaïke van Swieten, Jelle Evers, Agnes Moesgaard Eschen, Andreas Bjerrum, Irina Veytsman, Dalia Mobarek, Espen Enerly, Elad Sharon, Kimmo Porkka, Annelies Verbiest, Otto Ettala, Christian Reich. *Cancer Treatment Guidelines Need a Reality Check — RWE Can Help*. Plenary presentation at the OHDSI 2025 Global Symposium. New Brunswick, NJ; October 7-9, 2025. <https://www.ohdsi.org/ohdsi2025/>
2. Meghan M JaKa, **Patricia L Mabry**, Maren S G Henderson, Laura J Zibley, Amanda Gillesby, Sarah Basile, Steve Asche, Bryan Michalowicz, Donald Worley, Elyse Kharbanda, and Brad Rindal. *Rapid Qualitative Analysis of Dental Practitioner HPV Vaccine Promotion Barriers*. Presented at the joint meeting of the International Association for Dental, Oral, and Craniofacial Research (IADR) the American Association for Dental, Oral, and Craniofacial Research (AADOCR) and the Canadian Association for Dental Research (CADR) General Session & Exhibition; New Orleans, LA; March 15, 2024.
3. **Mabry PL**, Mee J, Zinkel A, Osgood N. (2022) *Learning from HealthPartners Dynamic Simulation Model for Colorectal Cancer Screening: Implications for Screening Outreach*. Health Care Systems Research Network (HCSRN) annual meeting. April 13, 2022. Pasadena, CA.
4. **Mabry, P.L.**, Pentchev, V., Van Rennes, R., Wilkinson, J., Wittenberg, J.V., and Yan, X. *Elevating Open Data: Building Open Environments for Data Stewardship in Research Libraries with CADRE*. Presented at the 15th International Open Repositories Conference, Stellenbosch, South Africa, May 31, 2021 (virtual).

5. **Mabry PL**, Pentchev, V., Van Rennes, R., Wilkinson, J., Wittenberg, J.V., and Yan, X. *Broadening Access to Big Bibliometric Data with a Community-Built Infrastructure*. Presented as a lightning talk at DLF Forum 2020. November 9, 2020.
https://2020clirevents.aviaryplatform.com/collections/1172/collection_resources/31920/file/100660
6. **Mabry PL**, Pentchev V, Van Rennes R, Wilkinson J, Wittenberg JV, and Yan X. *CADRE's Beta Launch Tour*. A webinar about CADRE's beta launch. Bloomington, Indiana. October 26, 2020. <https://cadre.iu.edu/news-and-events/events/tour-of-cadre-beta-launch>
7. **Mabry PL**, Pentchev V, Van Rennes R, Wilkinson J, Wittenberg JV, and Yan X. *CADRE: A Cloud-based Gateway for Bibliographic Data and Analytics while Fostering Reproducibility and Collaboration*. Poster presentation at NIH National Library of Medicine Bibliometrics and Research Assessment Symposium 2020. October 7, 2020.
8. **Mabry PL**, Pentchev V, Van Rennes R, Wittenberg JV, and Yan X. *CADRE Annual Report to the Product Owner Council*. Presented at the 2020 CADRE Product Owner Council Meeting. Bloomington, Indiana. May 18, 2020. Via webcast.
9. **Mabry PL**, Pentchev V, Van Rennes R, Wittenberg JV, and Yan X. *Empowering Data-Driven Research through an Open, Accessible Data Infrastructure*. Project Briefing presented at the Coalition for Networked Information (CNI) Spring 2020 Membership Meeting. April 22, 2020. <https://cadre.iu.edu/news-and-events/events/empowering-data-driven-research-through-an-open-accessible-data-infrastructure>. Additionally found at <https://www.cni.org/topics/digital-libraries/empowering-data-driven-research-through-an-open-accessible-data-infrastructure>.
10. **Mabry P**, Yan X, Pentchev V, Wittenberg J, Van Rennes R. *CADRE: A Platform for Enabling Research via Shared Data, Resources, and Community (workshop)*. International Society for Scientometrics and Informetrics Biannual Conference. Rome, Italy. September 2, 2019.
11. Pentchev V, Yan X, **Mabry P**, Wittenberg J, Van Rennes R. *CADRE: A Platform for Enabling Research via Shared Data, Resources, and Community (tutorial)*. International Society for Scientometrics and Informetrics Biannual Conference. Rome, Italy. September 2, 2019.
12. Fortunato S, **Mabry PL**, Wang K, Yan X. Workshop, *Strengthening Reproducibility in Network Science*, as a satellite of NetSci 2017 annual meeting. Indianapolis, IN; June 19, 2017.
13. Coronges K, **Mabry PL**. *Symposium for the Society of Young Network Scientists*, held as a satellite of NetSci 2017. Indianapolis, IN; June 20, 2017 <https://www.networkscienceinstitute.org/syns>
14. *Ip E, Zhang Q, Lu J, Dube L, **Mabry P**. *Feedback dynamic between emotional reinforcement and healthy eating: An application of the reciprocal Markov model**. Presented at the International Conference on Social Computing, Behavioral-Cultural Modeling and Prediction (SBP13).
*This paper was selected at **Best Paper** of the conference. Washington, DC. April 3, 2013.
15. **Mabry PL**. Organizer and Discussant. *How Systems Science and Statistical Approaches Can Help Address Obesity*. Presented as part of a Topic Contributed Paper Session entitled, *Statistical Modeling and Systems Science in Studies of Childhood Obesity*, in the Health Policy Statistics Section of the 2013 Joint Statistical Meetings. Montreal, Quebec, Canada; August 4, 2013.
<http://www.amstat.org/meetings/jsm/2013/onlineprogram/ActivityDetails.cfm?SessionID=208558>
16. Osgood N, **Mabry PL**. *Public Health Concepts: An Introduction for Modelers*. Presented as a tutorial at the *2012 International Conference on Social Computing, Behavioral Modeling and Prediction (SBP12)*. College Park, MD, April 2, 2012.

17. **Mabry PL.** (2010). *Funding Opportunities at NIH for Engineers and Computer Scientists: Focus on Behavioral & Social Sciences Research*. Presented as part of a workshop entitled, [Research Funding for Data Infrastructure and Computational Methods](#) at the [IEEE World Congress on Computational Intelligence](#) (WCCI). Co-Organized by Fahmida Chowdhury (NSF) and **Patricia Mabry**. Barcelona, Spain; July 18-23, 2010.
18. **Mabry PL.** (2008). *Systems Science Methodologies: Tools for Informing Policy Decisions*. Presented at the [5th Annual Meeting of the Health Technology Assessment Initiative \(HTAi\)](#)
19. **Mabry PL.** (2007). *Systems Science Opportunities for System Dynamicists*. Presented at the [Health Policy Special Interest Group](#) meeting on Chronic Illness. This meeting was held in conjunction with the International System Dynamics Society. Boston, MA, July 29-August 1, 2007.
20. Hartman AM, **Mabry PL**, Leischow SJ, Gibson JT. (2006). [What Does U.S. National Population Survey Data Reveal About Effectiveness/Impact of Nicotine Replacement Therapy on Smoking Cessation?](#) Presented in a symposium entitled, [Population Impact of NRT Use](#). Presented at the [13th World Conference on Tobacco OR Health](#), Washington, D.C., July 14, 2006.
21. **Mabry PL.** (2006). *Cyberinfrastructure to Support a Science of Populomics*. Presented in a symposium entitled, *Cyberstructure for Public Health: Digital Government Research Collaborators*. Presented at the [7th Annual International Conference on Digital Government Research \(d.go\)](#)
22. Stoddard J, Augustson E, **Mabry PL**, Moser R, Jefferson A. (2005). *Bulletin Board Communication between Participants of a Web-based Evaluation of Smoking Cessation*. An oral presentation at the International Communication Association 55th Annual Conference. New York, NY. May 26-30, 2005.
23. Leischow S, **Fiero P**, Augustson E, Morgan G. (2003). *Core Perceptions needed by clinicians and educators*. An oral presentation at the World Conference on Tobacco or Health, Helsinki, Finland, August 2003.

Peer-reviewed Oral Presentations at National Professional Meetings, Conferences, etc.

1. **Patricia L Mabry**, Sarah Basile, Meghan M JaKa, Amanda Gillesby, Stephen Asche, Elyse Kharbanda, and D Brad Rindal. Designing an Intervention entitled, *“Increasing HPV Vaccine Uptake – Delivered in Dental Settings” (HPV-V Uptake-DDS)* to Support HPV Vaccine Promotion by Dental Professionals. Accepted for presentation at the 54th Annual Meeting of the American Association for Dental, Oral, and Craniofacial Research (AADOOR), New York City, March 12-15, 2025.
2. **Mabry PL**, Zinkel AR, Hassmiller Lich K, Knowlton G, Maciosek M, Osgood ND. *“Methodological Considerations for Evaluating the Impact of Longitudinal Colorectal Cancer Screening Behavior on Cancer Burden and Disparities.”* Presented at [Health Care Systems Research Network](#). Oral Abstracts Session II - February 21, 2023. Denver, CO.
3. **Mabry PL** (presenter, session moderator, organizer), Martinson B, Valente T, & Liu X. (2022, accepted). Exploiting Interdisciplinary Research Design for Temporally Complex Big Data: Discussion of a Case-Study Using Heterogenous Bibliographic Data. Panel presentation at the Association for Information Science and Technology (ASIS&T) 85th Annual Meeting, October 31, 2022. Pittsburgh, PA.
4. **Mabry PL** (presenter), Zinkel AR, Mee J, Osgood ND. (2022). *Learning from HealthPartners Dynamic Simulation Model for Colorectal Cancer Screening: The Importance of the Long View in Evaluating Strategies to Increase Screening* (abstract #1894). Peer-reviewed paper presentation delivered at: Health Care Systems Research Network Conference. April 13, 2022. Pasadena, CA.

5. Silva, FN, Pentchev V, **Mabry PL**, Ahn YY, Yan X, Hutchinson M, Van Rennes R, Wittenberg J, Wilkinson, J. *How to Conduct Machine Learning on Large Bibliographic Datasets Using CADRE: A Tutorial Featuring Science of Science Networks* (Tutorial). 18th International Conference of the Society for Scientometrics and Informetrics (ISSI). July 12, 2021. KU Leuven, Belgium (virtual).
6. **Mabry PL**, Yan X, Pentchev V, Silva F, Hutchinson M, Szostalo M. A Satellite Workshop and Tutorial Entitled, *CADRE to Enable Networks Research on the Science of Science*. Presented at Networks 2021 <https://networks2021.net/> July 5-6, 2021; virtual conference.
7. **Mabry PL**, Zinkel A, Jaka M, Mee J, Osgood ND, Ziegenfuss J, Pronk NP, Book A, Werner A, Kopski K, Fedio G, Kitching G, Donahue K, Flory M, Rogers C. *Systems Mapping to Understand Colorectal Cancer Screening Underutilization in an Integrated Health System: A Valuable Approach for Learning Health Systems*. Health Care Systems Research Network (HCSRN) Annual Conference. Virtual event. May 11-12, 2021 (virtual).
8. Hutchinson, M., **Mabry, P.L.**, Pentchev, V., Silva, F.N, Van Rennes, R., Wittenberg, J.V., and Yan, X. *CADRE: A One-Stop Shop for Scholarly Data Access, Sharing, and Reproducible Computation*. Workshop presented at the CADRE Workshop Series. Bloomington, Indiana. February 10, 2020. <https://cadre.iu.edu/news-and-events/events/cadre-workshop-iu>.
9. Pentchev V, Yan X, **Mabry P**, Wittenberg J, Van Rennes R. *Update on Collaborative Archive & Data Research Environment (CADRE)*. NSF Big Data Hubs Data Sharing and Cyberinfrastructure Work Group. May 3, 2019; via Zoom.
10. Wittenberg J, Van Rennes R, Pentchev V, **Mabry P**, Yan X. *Computational Research for Everyone: A New Model for Shared Big Data Infrastructure in Academic Libraries*. Lightning talk, Annual meeting of the Association of College & Research Libraries (ACRL 2019). April 10-13, 2019; Cleveland, OH.
11. **Mabry P**. Session moderator for a panel entitled: *Dissemination and Implementation of Systems Modeling*. Presented at the *Workshop to Facilitate Cancer Systems Epidemiology Research*. Sponsored by the National Cancer Institute, NIH, Bethesda, MD; March 1, 2019.
12. Van Rennes R, Wittenberg J, Pentchev V, **Mabry P**, Yan X. *The Shared BigData-Gateway Project: Collaborative Archive & Data Research Environment (CADRE)*. A report to the Collection Development Officers of the Big Ten Academic Alliance at the American Library Association Midwinter Meeting. January 25, 2019; Seattle, WA.
13. Van Rennes R, Wittenberg J, Pentchev V, **Mabry P**, Yan X. *The Shared BigData-Gateway Project: Collaborative Archive & Data Research Environment (CADRE)*. A report to the Library Directors of the Big Ten Academic Alliance. November 30, 2018; Rosemont, IL.
14. Wang YC, Lee M, **Mabry PL**. *Simulation Modeling for Policies Addressing Health Behaviors: The State of the Field and Future Directions*. Part of a panel, *Health Policy Modeling: Research and Methods Needed to Evaluate Emerging Policies* at the American Society of Health Economists Conference (ASHEcon). June 11, 2018. Atlanta, GA.
15. Menczer F, **Mabry PL**. *Observatory on Social Media*. A sidebar presentation to DARPA Program Manager, Jonathan Pfautz, regarding Computational Simulation of Online Social Behavior Program Solicitation number: HR001117S0018. Washington, D.C., February 6, 2017.
16. **Mabry PL**. *Capabilities of the Indiana University Network Science Institute*. Selected for presentation at DARPA Proposers Day Next Generation Social Science. Washington, D.C. March 22, 2016.

17. Lee J, Watson P, **Mabry P**, Panzer R, Hamrick J, Murray DM. Advancing Prevention Research at the NIH: The Development of the Prevention Research Expertise Survey and Tool. Society for Prevention Research Annual Meeting. San Francisco, CA; May 31, 2016.
18. **Mabry PL**. *Systems science to support translation and implementation science: An NIH perspective Simulation*. Modeling and Systems Science in Implementation Research Workshop. Sponsored by the NIH National Heart, Lung, and Blood Institute's (NHLBI) Center for Translation Research and Implementation Science (CTRIS). July 8-9, 2015; Bethesda, MD.
19. **Mabry PL**. (panelist). Presidential Roundtable, following the Presidential address, *Reducing Health Inequalities by the Application of Best Scientific Knowledge, Methods, and Interventions: What the Society for Prevention Research Can Do*. Society for Prevention Research Annual Meeting. May 27, 2015, Washington, D.C.
20. **Mabry PL**. Panel member, *Reporting Standards in Analysis*. Journal Standards for Promoting Reproducible Research in the Social-Behavioral Sciences. An action-focused workshop. November 3-4, 2014, Center for Open Science, Charlottesville, Virginia.
21. **Mabry PL**. *Simulation Models in Public Health: What They Are and Why We Should Use Them*. Presented as part of the Academy Health Webinar Series: Simulation as a Tool to Inform Health Policy; Part I: Introduction to Health Systems Simulation for Policy. October 23, 2014. Filmed live at Academy Health Headquarters, Washington D.C.
22. **Mabry PL**. *Systems Science for Mental Health Services Research: NIH Funding Opportunities*. NIMH Mental Health Services Research Workshop. April 23, 2014, Bethesda, MD.
23. **Mabry PL**. (2014). *Systems Science: Past, Present, and Future*. Complex Systems, Health Disparities and Population Health: Building Bridges. A meeting convened by the Network on Inequality, Complexity, and Health and sponsored by the NIH Office of Behavioral and Social Sciences Research. February, 25, 2014, Bethesda, MD. <http://conferences.thehillgroup.com/UMich/complexity-disparities-populationhealth/agenda.html>
24. **Mabry PL**, Philogene GS. *Social Work Research in the Era of Big Data: BD2K, Systems Science, and mHealth*. Society for Social Work Research, Annual Meeting. January 16, 2014. San Antonio, TX.
25. **Mabry PL**. Presenting panel member, *Exploring Federal Use of Systems Science: Expanding the Tent of Public Policy Research and Evaluation*. Panel Chair: Margaret Hargreaves, Mathematica Policy Research. Presented at the 27th Annual Conference of the American Evaluation Association. October 19, 2013. Washington, DC.
26. **Mabry PL**. *Modeling and Simulation: Tools for Tobacco Control Policy*. Presented at: *Harnessing Research Evidence and Capacity to Inform Tobacco Control in Low- and Middle-Income Countries*, sponsored by the NIH Fogarty International Center (FIC). Bethesda, MD. June 26, 2013.
27. **Mabry PL**. (organizer and Symposium Chair). Session title: *Illustrative Mathematical Modeling In Scientific Workforce Analysis*. A special symposium in the NIH Behavioral and Social Sciences Research Lecture Series. Sponsored by the Office of Behavioral and Social Sciences Research, Office of the Director, NIH. Speakers: Navid Ghaffarzadegan, Ph.D., Massachusetts Institute of Technology & The Ohio State University; Richard C. Larson, Ph.D., Massachusetts Institute of Technology; Joshua D. Hawley, Ed.D., The Ohio State University. Rockville, MD., March 7, 2013.
28. Sims BE (Panel Chair), Allison S, Crump A, Ginexi EM, Haverkos L, **Mabry P**, Massetti G, Scott M, Supplee L. *NIH Grant Opportunities - Ask the Fed: An Open Forum on Federal Funding for Prevention*

- Science*. Panel session presented at the meeting of the Society for Prevention Research. Washington, DC. May 31, 2012.
29. Ginexi E, **Mabry PL**, Hassmiller-Lich K (Co-Chairs). *System Dynamics Modeling: Applications for Prevention Research*. A pre-conference workshop in conjunction with the [20th Annual Meeting of the Society for Prevention Research](#). Washington, D.C.; May 29, 2012.
 30. **Mabry PL** (presenter), Breen N, Bures R, Czajkowski S, Light E, King R, McDonald P, Michels K, Nowjack-Raymer R, Phillips J, Spittel M, Nielsen L, Srinivasan S. *Social Stratification/Mobility across the Lifecourse: Clarification and Portfolio Analysis*. A Presentation to the Basic Behavioral and Social Sciences Research Opportunities Network (OppNet) Steering Committee. Bethesda, MD, May 3, 2012.
 31. **Mabry PL**, Orenstein D. *Using System Dynamics to Inform Community Level Policy Decisions: An Example Using PRISM*. As part of a panel entitled, "Systems Science Methodologies to Enhance Dissemination and Implementation Research". [5th Annual Conference on the Science of Dissemination and Implementation: Research at the Crossroads](#). Bethesda, MD, March 19, 2012.
 32. Urban JB, **Mabry PL**, Osgood N, Okamoto J, Lich KH (2011). *Developmental Systems Science: Extending Developmental Science with Systems Science Applications*. (2011). Presented at a workshop entitled, *Inductive Developmental Systems Theory*. State College, PA; October 31-November 2, 2011. The purpose of this conference was to bring together leaders in developmental psychology, biological systems theory, life span psychology, econometrics, systems science and psychometrics. The focus was on integration of the diverse strands of specialized systems theory and simulation methodology with the innovative statistical modeling techniques into an effective research agenda. The results of this conference will be published in the form of a Handbook. See Publications, first author, Urban. Slides available at: <http://www.hhdev.psu.edu/dsg/conference-inductive-developmental-systems-theory>
 33. **Mabry PL**. (2011). *Funding Opportunities at NIH for Systems Science Research*. [29th International Conference of the System Dynamics Society](#). Crystal City, VA; July 26, 2011.
 34. **Mabry PL** (Chair), Rahmandad H, Hovmand P, Brennan L, Ammerman A. (2011). *Harnessing Systems Science Methodologies To Inform Public Policy: System Dynamics Modeling For Obesity Policy In The Envision Network*. A special mini-symposium as part of the Behavioral and Social Sciences Research Lecture Series. Sponsored by the Office of Behavioral and Social Sciences Research, NIH. Rockville, MD; July 15, 2011.
 35. Czajkowski S, **Mabry PL**, Onken L. (Co-Chairs). (2011). *From Discovery to Public Health Impact: New Approaches to Developing, Testing & Optimizing Behavioral Interventions*. A pre-conference workshop in conjunction with the annual meeting of the Society of Behavioral Medicine. Washington, D.C., April 26, 2011.
 36. **Mabry PL**. (2010). *Funding Opportunities at NIH for Engineers and Computer Scientists: Focus on Behavioral & Social Sciences Research*. Presented at the American Control Conference. Baltimore, MD; July 1, 2010.
 37. **Mabry PL**. Co-Chair (with Elizabeth Ginexi, NIDA; Linda Collins, Penn State), [Systems Science Methodologies for Prevention Research](#), A day long preconference workshop presented at the [Society for Prevention Research 18th Annual Meeting "Cells to Society: Prevention at All Levels"](#). Denver, CO, June 1, 2010.

38. **Mabry PL.** (2010). [*Informing Health Policy Decision-Making with Community Level System Dynamics Modeling*](#). Presented as part of a symposium, [*Science in Motion: Addressing Complex Health Problems Through Upstream Solutions*](#) at the [*2010 AAAS Annual Meeting*](#) themed, Bridging Science to Society. San Diego, February 20, 2010.
39. **Mabry PL.** (2009). *Systems Science: Exploring the Application of Non-Linear Methods to Developmental Science Questions*. Presented at the [*Sixth Biennial Meeting of the Society for the Study of Human Development, themed, Human Development: Earlier Influences on Later Life Outcomes*](#). Ann Arbor, MI; October 18-20, 2009.
40. **Mabry PL.** (2009). *Systems Science and Health at NIH and Beyond: Areas of Interest and Funding Opportunities*, as part of a special session entitled, [*Control Engineering and Related Systems Approaches for Improving Behavioral Health*](#). Presented at the [*2009 American Control Conference*](#), St. Louis, MO; June 10-12, 2009.
41. **Mabry PL.** (2009). [*Second International Workshop on Social Computing, Behavioral Modeling, and Prediction*](#) (SBP09). Tempe, AZ; March 31-April 1, 2009.
42. **Mabry PL, Philogene S.** (2009). *Systems Science Methodologies To Protect and Improve Public Health*. Presented at the [*IEEE Symposium on Computational Intelligence in Bioinformatics and Computational Biology*](#) (CIBCB 2009). Nashville, TN; March 2009.
43. **Mabry PL, Huang T.** (2009). *Systems Science at NIH*. Presented at the [*AAAI Spring Symposium on Technosocial Predictive Analytics*](#), sponsored by the Association for the Advancement of Artificial Intelligence. Palo Alto, CA; March 23-25, 2009.
44. **Mabry P.** (2008). *Opportunities for Tobacco Modeling at NIH*. Presented at the [*Tobacco Modeler's Conference*](#), University of Michigan, Ann Arbor, MI, May 6, 2008.
45. **Mabry PL, Meissner, H.I.** (2008). *Systems Science at the Office of Behavioral and Social Sciences Research, National Institutes of Health*. Presented at the [*First International Workshop on Social Computing, Behavioral Modeling and Prediction*](#) (SBP08). Tempe, AZ; April 1-2, 2008.
46. Levy DT, **Mabry PL**, Orleans CT, Abrams DB. (2007). *Modeling Breakthroughs In Treatment Use and Population Quit Rates: What Could We Achieve and How?* [*Innovations in Building Consumer Demand for Tobacco Cessation Products and Services*](#). Washington, D.C. May 3, 2007.
47. **Mabry PL.** (2007). *Stimulating Systems Science within the Office of Behavioral and Social Science Research*. Presented at the Society for Behavioral Medicine Annual Meeting; Washington, DC; March 23, 2007.
48. **Mabry PL, Olster DH, Morgan GD, Abrams DB.** (2006). [*Strategic Planning for Transdisciplinary Science Within the Office of Behavioral and Social Science Research Science of Team Science*](#). Presented at the [*The Science of Team Science: Assessing the Value of Transdisciplinary Research*](#)
49. Stoddard J, **Mabry PL**, Augustson E, Moser R, Jefferson A. (2005). *The Importance of Usability Testing: Development of an Internet-based Smoking Cessation Resource*. Accepted as an oral paper presentation at the Critical Issues in eHealth conference. Sponsored by NCI and the Robert Wood Johnson Foundation. June 9-10, 2005.
50. Jefferson AM, Raffel G, Schaefer S, Augustson E, **Fiero P**, Morgan G, Moser R, Leischow, S. (2004). *Contingency Management to Enhance Smoking Cessation for Cancer Survivors: A Description of Methods and Challenges*. Abstract accepted for presentation at the NCI Tobacco Control Investigators Meeting Synthesizing Research for the Public's Health. June 2-4, 2004. San Diego, CA.

51. Augustson E, Wanke K, Giovino G, Swan G, Lerman C, **Fiero P.** (2004). *Transdisciplinary classification of smokers: How shall we define "Hardcore"*. Abstract accepted for presentation at the NCI Tobacco Control Investigators Meeting Synthesizing Research for the Public's Health. June 2-4, 2004. San Diego, CA; June 2004.
52. **Fiero P L**, Hurt R. (2004). Paper session moderators *Pharmacological Interventions: Mechanisms and Outcomes* at the 10th Annual Meeting of the Society for Research on Nicotine and Tobacco, Scottsdale, AZ, February 18-21, 2004.
53. **Fiero PL**, Tooze J, Moser R, Augustson E, Malcolm J, Benowitz N. (2004). *Understanding and Improving NRT: Nicotine, Cotinine, Craving, Withdrawal and Nasal Spray Use in African American Male Smokers during Early Abstinence*. Paper presented at the 10th Annual Meeting of the Society for Research on Nicotine and Tobacco, Scottsdale, AZ, February 18-21, 2004.
54. Riley W, **Fiero P**, Jerome A, Behar A. (2003). *Improving Treatment Adherence to Nicotine Replacement via Computerized Scheduled Dosing*. Presented at the 9th Annual meeting of the Society for Research on Nicotine and Tobacco, February 19-22, 2003 New Orleans, LA.
55. **Fiero PL**. (2003). *Real-Time Data and Subjective States and Events*. Moderator for panel discussion, The Science of Real-Time Data Capture: Self-Reports in Health Research Conference, Charleston, SC; September, 2003.
56. Drobes DJ, Saladin ME, Malcolm RJ, **Fiero PL**. (2003). Sensitivity to nicotine and familial smoking. Paper presented at the 9th Annual meeting of the Society for Research on Nicotine and Tobacco, February 19-22, New Orleans, LA.
57. Morgan GD, Leischow S, **Fiero PL**, Augustson E. (2002). *Smoking interventions*. Presented at the 23rdth Annual Meeting of the Society of Behavioral Medicine. Washington, D.C., April, 2002.
58. **Fiero PL**. (2002). *Translating Research to Practice: Creating Collaboration between Researchers, Public Health Practitioners, and Private Enterprise*. Moderator for panel discussion presented at the 2002 National Conference on Tobacco or Health, San Francisco, CA, November 2002.
59. **Fiero PL**, Augustson E. (2002). *Behavioral Aspects of Effective NRT Interventions*. A paper presented at the National Conference on Tobacco or Health, San Francisco, CA, November 19-21, 2002.
60. Drobes DJ, McClernon FJ, Saladin ME, **Fiero PL**, Malcolm RJ. (2002). *A negative affect bias is associated with familial smoking*. Presented at the 8th Annual Meeting of the Society for Research on Nicotine and Tobacco. Savannah, GA February, 2002.
61. Drobes DJ, McClernon FJ, Saladin ME, **Fiero PL**, Malcolm RJ. (2001). Intravenous nicotine alters sensory and attentional processes in non-smokers. Presented at the 7th Annual Meeting of the Society for Research on Nicotine and Tobacco. Seattle, WA, March, 2001.
62. **Fiero PL**, Shaw D. (2000). *Computerized Scheduling of Nicotine Inhaler: Six-month Follow-up Data from a Feasibility Trial*. In W. Riley (Chair), *Computerized Scheduled Gradual Reduction: Effective Behavioral and Pharmacological Adjuncts for Smoking Cessation*. Presented at the 2000 Annual Meeting of the Society of Behavioral Medicine, Nashville, TN; April, 2000.
63. **Fiero PL**, Jerome A, Riley W, Boyd NR, Behar A, Malcolm R, Shaw DL. (2000). *Scheduled Dosing of Nicotine Inhalators via Hand-Held Computer*. Presented at the Sixth Annual Scientific Sessions of the Society for Research on Nicotine and Tobacco. Arlington, VA, February 17-19, 2000.

64. Jerome A, Behar A, Riley W, **Fiero PL**, Colburn A. (2000). *Computer-assisted Dosing and Tapering of Nicotine Replacement Treatments for Smoking Cessation*. Paper presented at Partnerships for Health in the New Millennium: Launching Healthy People, 2010, Washington, D.C., January, 2000.
65. Diehl NS, Brewer BW, Van Raalte JL, **Fiero PL**, Shaw D. (1999). *Physical and psychological correlates of protective self-presentational exercise behavior*. Paper presented at the annual meeting of the American Psychological Association, Boston, MA; August, 1999.
66. Diehl NS, Brewer BW, Cornelius AE, Van Raalte JL, Shaw D, **Fiero PL**. (1999). *A preliminary test of a model of protective self-presentational behavior in exercise*. Paper presented at the annual meeting of the Association for the Advancement of Applied Sports Psychology, Banff, CA.
67. Jerome A, **Fiero PL**, Behar A, Bensur A. (1999). *Combining scheduled, gradual reduction with nicotine replacement*. Paper presented at the annual conference of the Society for Research on Nicotine and Tobacco, San Diego, CA, March 1999.
68. Jerome A, **Fiero PL**. (1998). *Computerized scheduling of nicotine gum: Treatment outcome and one-year follow-up*. Paper presented at the 4th annual meeting of the Society for Research on Nicotine and Tobacco, New Orleans, LA, 1998, March.
69. Jerome A, Behar A, **Fiero PL**. (1998). *Using hand-held computers for tobacco cessation*. Paper presented at the annual meeting of the American Society for Preventive Oncology, Bethesda, MD. March 1998.
70. **Fiero PL**, Behar A. (1997). *Computerized nutrition and exercise intervention*. An oral presentation given to the Consulting Nutritionists of the Chesapeake Bay Area for continuing education credit in the American Dietetic Association, June 1997.

Peer-reviewed Oral Presentations at Local Professional Meetings, Conferences, etc.

1. **Mabry, P.L.** *Simulation Modeling to Improve Colorectal Cancer Screening*. Presented at Park Nicollet Institute Research Connections, St. Louis Park, MN. February 27, 2020.
2. (Authors listed in alphabetical order by last name) Anderson, Jeffrey P, Appana, Deepika X, Asche, Steve E., Defor, Terese A M, LaFrance, Amy B, **Mabry, Patricia L**, OBlenes, Samuel, Olsen, Avalow Y Paskach, Richard R, Thirumalai, Vijayakumar X, VazquezBenitez, Gabriela X. *Machine Learning and Artificial Intelligence*. Presented at HealthPartners Institute Partners for Better Projects. March 25, 2020 (Web Ex).
3. **Mabry, P.L.** *Theory-Derived Models Leveraging Coauthorship Networks to Understand Mentored K to R01 Transition*. Presented at HealthPartners Institute Partners for Better Grants forum. April 28, 2020
4. **Mabry, P.L.** Zinkel, A.R., Mee, J., Osgood, N.D. *HealthPartners Colorectal Cancer Screening Simulation Model: Exploring Assets of the Model*. Presented at a meeting of stakeholders across HealthPartners and HealthPartners Institute. 2020.
5. **Mabry P**, Yan X, Liu X. *Social Network Theory and Big Data Models of Scholarly Network Evolution to Predict NIH K to R Transition*. Presented at the Partners for Better Grants forum at HealthPartners Institute. March 18, 2019.
6. **Mabry PL**. *Strategies for Strengthening Grant Proposals Submitted to the NIH*. Indiana University School of Public Health, Bloomington. Bloomington, IN; October 6, 2017.

7. **Mabry PL.** *Strategies for Strengthening Grant Proposals.* Presented as part of the Indiana University Social Science Research Commons (SSRC) Workshop in Methods. February 10, 2017; Bloomington, IN.
8. **Mabry PL,** Wu J, Villani J, Chan F, Hutchins BI, Udo I, Murray D. Strategic Priority I Update: *Characterizing the NIH Prevention Research Portfolio: A Work in Progress.* NIH Prevention Research Coordinating Committee (PRCC) meeting. Bethesda, MD, Date: May 12, 2015.
9. Wu J, Villani J, Chan F, Hutchins B.I, Udo I, Santangelo G, Johnson C, Murray D, **Mabry PL. (Senior Author).** *Characterizing the NIH Prevention Research Portfolio: A Work in Progress.* NIH Portfolio Analysis Interest Group meeting (PAIG). Bethesda, MD, Date: March 10, 2015.
10. **Mabry PL,** Wu J, Villani J, Murray D. *Office of Disease Prevention, Strategic Priority One Progress Report: Development of a Portfolio Analysis Tool for Prevention Research.* NIH Prevention Research Coordinating Committee. September 9, 2014 Rockville, MD.
11. **Mabry PL,** Panzer R. *Prevention Abstract Classification Tool (PACT): A custom software application to support team coding of grant awards.* Presented at the NHLBI-sponsored, "NIH IC Applications Show & Tell #4". September 4, 2014, Bethesda MD.
12. **Mabry PL.** *Systems Science for Prevention Research. Part II: Tobacco Control Example.* Presented at the Office of Disease Prevention seminar series entitled, Sharing Our Considerable Knowledge (SOCK). July 9, 2014, Rockville, MD.
13. **Mabry PL.** *Systems science for prevention research: A brief introduction and potential applications.* Presented at the Office of Disease Prevention seminar series entitled, Sharing Our Considerable Knowledge (SOCK). May 1, 2014, Rockville, MD.
14. **Mabry PL.** (Chair) Ginexi, E.M, Bloss, G. *Systems Science at NIH: Programmatic Interests Funding Opportunities, and Resources.* Webinar for the University of Buffalo faculty. March 7, 2014, Bethesda, MD. http://obssr.od.nih.gov/video/systems_science_at_NIH.aspx
15. **Mabry PL.** (2010). *NIH New Directions in Tobacco and Systems Science Research, A Breakfast Discussion with Patricia L. Mabry, PhD.* Roundtable sponsored by the University of Pittsburgh ReSET Center (Reduce Smoking and Exposure to Tobacco Center at). Pittsburgh, PA; November 17, 2010.
16. **Mabry PL.** (2007). *Opportunities for Behavioral and Social Sciences Research at NIH.* Presented at: Briefing Sessions with Funding Agencies for Social Science and Education Faculty at Carnegie Mellon University, Duquesne University, University of Pittsburgh. Arlington, VA; March 19, 2007.
17. Stoddard J, Augustson E, **Mabry PL,** Moser R, Jefferson A. (2005). *Building Smokefree.gov: An Internet-based Smoking Cessation Resource.* Presented to the Tobacco Research Opportunity Team (NCI). May 19, 2005, Rockville, MD.

Peer-reviewed Poster Abstract Presentations at Professional Meetings, Conferences, etc.

1. Asieh Golozar , Patrick Alba, Henry Morgan Stewart, Dan Smith, Salma Rachidi, Eric Fey, Valteri Nieminen, Alexey Ryzhenkov, Tommi Kauko, Pia Tajanen-Doumbouya, Mikael Högerman, Sampo Kukkurainen, Harri Rantala, Åslaug Helland, Åsa Öjlert, Wei Hai Deng, Zarah Van Schoor, Jonas Minne, Stelios Theophanous, Geoff Hall, John Methot, Thejas Bharadwaj, Roshanthi Weerasinghe, Andrew Nute, Martin Koch, Ines Reinecke, Katja Hoffmann, Jasmin Carus, Stefan Bartels, Michael Franz, Fabian Prasser, Jonathan Jeutner, Álvaro Martínez Pérez, Carlos López Gómez, Ben Gerber, Jung Ae Lee, Thamir Alshammari, Jared Houghtaling, Paul Nagy, Ben Martin, Raivo Kolde, Marek Oja, Sirli Tamm, Miguel-Angel Mayer, Juan Manuel Ramirez-Anguila, Angela Leis, Sam T Patnoe, Deran A Mckeen, **Patricia L Mabry,** Seng Chan You, Subin Kim, Chang Jun Koc, Jason C. Hsu, Phung Anh Nguyen, Nguyen Thi Kim Hien, Phan Thanh Phuc, Qi Yang, Kees Ebben, Maaïke van Swieten, Jelle Evers, Agnes Moesgaard Eschen, Andreas Bjerrum, Irina Veytsman, Dalia Mobarek, Espen Enerly,

- Joelle Thonnard, Emmanuel Seront, Cedric van Marcke, Dries Hens, Clara L. Oeste, Mikaela Bruhammar, Loretta Zsuzsa Kiss, Mészáros Ágota, Zsolt István Bagyura, Ruochong Fan, Linying Zhang, Alberto Moreno Conde, Jesus Moreno Conde, Tomoni Kimura, Justin Matthew Petucci, Matteo Pontuni, Pantelis Natsiavas, Chytas Achilleas, Rekkas Alexandros, Farmaki Anastasia, Elad Sharon, Kimmo Porkka, Annelies Verbiest, Otto Ettala, Christian Reich. *FALCON-Bladder: Generating Real-World Evidence to Close Gaps in Clinical Guidelines*. Poster presentation at the OHDSI 2025 Global Symposium. New Brunswick, NJ; October 7-9, 2025. <https://www.ohdsi.org/ohdsi2025/>
2. Clair Blacketer, Haeun Lee, Benjamin Martijn, Evanette Burrows, **Patricia L Mabry**, Deran McKeen, Sam Patnoe, Elizabeth Grossman, Ben Gerber, Pantelis Natsiavas, Aamirah Vadsariya, Hanieh Razzaghi, Paul Nagy. *Building the OHDSI Evidence Network: A Global, Open, Federated Collaboration*. Poster presentation at the OHDSI 2025 Global Symposium. New Brunswick, NJ; October 7-9, 2025. <https://www.ohdsi.org/ohdsi2025/>
 3. ***Patricia L. Mabry**, Gabriela VazquezBenitez, Terese DeFor, Vijayakumar Thirumalai, Yuanyuan Olsen; Heidi Bailly; & Deepika Appana. *Co-Senior authorship, presenting author. *Development of a Research Use Case for the AIM-AHEAD Federated Research Network: Predicting Recurrence of Depressive Episodes in Patients with Major Depressive Disorder. An AIM-AHEAD Federated Research Network Project*. Presented at the 2025 AIM-AHEAD Annual Meeting. Dallas, TX; July 8-9, 2025.
 4. Ms. Ella Chrenka, Mr. Qian Wang, Dr. Thomas W. Valente, Dr. Xiaozhong Liu4, & **Dr. Patricia L. Mabry** (senior and presenting author). *Biomedical Research Funding Success Among NIH Mentored Career (MK) Awardees*. Presented at the 2025 International Conference on the Science of Science and Innovation (ICSSI) June 16 - June 18, 2025 in Copenhagen, Denmark.
 5. Qian Wang, Tianqianjin Lin, Zhuoren Jiang, **Mabry, Patricia L.***, Xiaozhong Liu*. *Bridging Technical Analysis and Scientometric Insights in Biomedical Funding with GNNs Enhanced Calibration*. Presented at the 2025 International Conference on the Science of Science and Innovation (ICSSI) June 16 - June 18, 2025 in Copenhagen, Denmark. *Co-Senior authorship, presenting author.
 6. Chrenka E, Martinson B, Valente T, Liu X, Wang Q, & **Mabry PL** (senior, presenting author). *Exploring NIH R01 Success by Mentored K Awardees*. Presented at: 20th International Conference of the Society for Scientometrics and Informetrics (ISSI). July 2-5, 2023. Bloomington, IN.
 7. Van Rennes R, Wittenberg J, Pentchev V, **Mabry P**, Yan X. *Collaborative Archive & Data Research Environment (CADRE): A Big Data Solution for Research Libraries*. A digital poster presented at the Charleston (Library) Conference. November 6, 2019, Charleston, SC.
 8. Pentchev V, Van Rennes R, Wittenberg J, **Mabry P**, Yan X. *Collaborative Archive & Data Research Environment (CADRE): A Big Data Solution for Research Libraries*. A poster presented at the National Science Foundation's Midwest Big Data Hub All-Hands Meeting. October 29, 2019, Rosemont, IL.
 9. Van Rennes R, Wittenberg J, Pentchev V, **Mabry P**, Yan X. *The Shared BigData-Gateway Project: Collaborative Archive & Data Research Environment (CADRE)*. A poster presented at the Electronic Resources and Libraries (ER&L) Conference. March 5, 2019; Austin, Texas
 10. Wittenberg J, Van Rennes R, Pentchev V, **Mabry P**, Yan X. *The Shared BigData-Gateway Project: Collaborative Archive & Data Research Environment (CADRE)*. A poster presented at the Research Data Alliance 12th Plenary Meeting, November 6, 2018; Gaborone, Botswana.
 11. Yan X, Pentchev V, **Mabry P**, Wittenberg J, Van Rennes R. *The Shared Big Data Gateway (SBD-Gateway) project: Collaborative Archive & Data Research Environment (CADRE)*. A poster presented at the All Hands Meeting of the Midwest Big Data Hub. November 5, 2018; Columbus, Ohio.
 12. **Mabry PL**, Villani J, Wu J, Lee J, Myles R, Murray D, Chan F, Hutchins BI, Christian C, Johnson C, Lau W, Santangelo G. *Applying the Portfolio Learning Tool to Prevention Research*. A poster to be presented at two venues: 1) the NIH Office of Behavioral and Social Sciences Research (OBSSR) 20th

Anniversary Research Symposium Poster Session, June 25, 2015 Bethesda, MD; and 2) the NIH Portfolio Analysis Symposium, hosted by the NIH Office of Portfolio Analysis. July 21, 2015; Bethesda, MD.

13. **Mabry PL**, Murray D, Villani J, Wu J, Lee J, Myles R, Carter-Nolan P, Yousif L, Panzer R, Hamrick J, Udo I. *Systematic Characterization of the NIH Prevention Research Portfolio*. A poster presented at three venues: 1) OBSSR 20th Anniversary - Healthier Lives Through Behavioral and Social Sciences Research: A Capitol Hill Exhibition & Reception, sponsored by the Coalition for the Advancement of Health Through Behavioral and Social Sciences Research (CAHT-BSSR), June 24, 2015, Washington, DC; 2) NIH Office of Behavioral and Social Sciences Research (OBSSR) 20th Anniversary Research Symposium Poster Session, June 25, 2015 Bethesda, MD; 3) the NIH Portfolio Analysis Symposium, hosted by the NIH Office of Portfolio Analysis. July 21, 2015 Bethesda, MD.
14. **Mabry PL**, Wu J, Villani J, Chan F, Hutchins BI, Udo I, Santangelo G, Johnson C, Murray D. *Developing a Portfolio Analysis Tool for Prevention Science: A Work in Progress*. Poster presented at the NIH Portfolio Analysis Poster Meeting, sponsored by the NIH Office of Portfolio Analysis. July 23, 2014, Bethesda, MD.
15. **Mabry PL**. *Systems Science Methodologies: Modeling and Simulating Real-World Complexity*. An invited poster presented at the 2012 NIH Behavioral and Social Sciences Research Retreat. Bethesda, MD, October 22, 2012.
16. **Mabry PL**, Fagan P, Lawrence D, Marcus SE, Morgan GD, Leischow SJ, Augustson EM. (2005). *Racial differences among “hardcore” smokers: any link to health disparities?* A poster presented at the Society for Research on Nicotine and Tobacco, 11th Annual Meeting, March, 2005, Prague, Czech Republic.
17. Drobos DJ, Saladin ME, Malcolm RJ, **Fiero PL**. *Sensitivity to Nicotine and Familial Smoking*. A poster presented at the 9th Annual Meeting of the Society for Research on Nicotine and Tobacco. February 19 - 22, 2003; New Orleans, LA.
18. Drobos DJ, Saladin ME, **Fiero PL**, Malcolm RJ. *A Negative Affect Bias Is Associated With Familial Smoking*. A poster presented at the 8th Annual Meeting of the Society for Research on Nicotine and Tobacco. February 20 - 24, 2002, Savannah, Georgia.
19. **Fiero PL**, Stokes S, Benowitz NL. (2001). *Circadian Patterns of Nicotine and Cotinine During Smoking And Nicotine Replacement In African American Male Smokers: A Description And Evaluation Of Methods*. Poster presentation at the 2001 National Conference on Tobacco or Health, New Orleans, LA, November 2001.
20. **Fiero PL**, Jerome A, Riley W, Boyd, NR, Behar A, Malcolm R, Shaw DL. (1999). *Using Hand-Held Computers to Schedule Dosage of Nicotine Inhalers For Smoking Cessation*. Poster presented at the 2nd European Conference of the Society for Research on Nicotine and Tobacco. London, England, November 25-16, 1999.

TEACHING AND CURRICULUM DEVELOPMENT

National Institutes of Health

Co-founder and Course Architect, *Institute on Systems Science and Health*. Annual one-week course, 2009-2012.

Developed a dydactic webinar series, 2007 Symposia on Systems Science and Health. Eight hours of content, 7 invited speakers.

Grant writing seminars. See presentation section for various venues.

Dydactic workshops. Various. See presentation section for details.

Instructor, Panel Chair, Health Disparities Research Institute, sponsored by National Institute of Minority Health and Health Disparities. Unique content each year for five years: 2010, 2013, 2014, 2015, 2018. See presentations section for details.

Medical University of South Carolina, Charleston, SC.

***Instructor,** Treating Tobacco Dependence – a unit in Family Medicine course. 3rd year medical students. Fall 2001, Fall 2002.

Instructor (team taught), Behavioral Aspects of Family Medicine. 3rd year medical students. Fall 1999, Fall 2000.

Instructor, Introduction to Clinical Medicine I (Interviewing Skills). First year medical students. Medical University of South Carolina, Charleston, SC. Fall 1998.

*Recognized with Golden Apple Teaching Awards (2) – see Honors and Awards section

University of Virginia, Charlottesville, VA.

Graduate Teaching Assistant, *Introduction to Psychobiology*, undergraduate course. Instructor Thomas C. Foster. Fall 1991.

George Mason University, Fairfax, VA.

Graduate Instructor, *Introductory Statistics for the Behavioral Sciences*. Solo teacher for two sections of this undergraduate course each semester. Spring 1990, Fall 1990.

ADVISING AND MENTORING

Junior Faculty

Anna Kohskova, MD, PHD. University of North Carolina Chapel Hill. Dr. Mabry is an informal co-mentor to Dr. Kohskova regarding systems science with applications to diabetes. Dr. Kohskova is a Gene Orringer Junior Faculty Career Development (TraCS KL2) Program Scholar, sponsored by the North Carolina Translational and Clinical Sciences Institute (CTSI). Dates of mentorship July 2021-present. Mentoring activities are currently suspended while Dr. Kohskova is on medical leave. Project title: *Whether, When, and How: Integrating Systems Science and Precision Health for Individualized Diabetes Care in Older Adults*. KL2 mentors: Kristen Hassmiller Lich, PhD; Michael Kosorok, PhD; Elizabeth Mayer-Davis, PhD; John Batsis, MD; Laura Young, MD, PhD

Xiaoran Yan, PhD, Assistant Research Scientist, Computer Science and Networks, Indiana University Network Science Institute. (2016-2018). Mentored him in grant writing, research project development, applying computer science methodology to health topics.

Post-doctoral Fellows

Jennifer Brown (Urban), PhD, Society for Research in Child Development Fellow and American Association for the Advancement of Science Policy (SRCD/AAAS) Fellow, Office of Behavioral and Social Sciences Research, National Institutes of Health. 2008-2009. Primary mentor.

Tisha Wiley, PhD, AAAS Fellow, Society for Research in Child Development Fellow and American Association for the Advancement of Science Policy (SRCD/AAAS) Fellow, Office of Behavioral and Social Sciences Research, National Institutes of Health. 2010-2012. Primary mentor.

Graduate Student

Margaret Walkover University of Hawaii, Sociology. Mentor in Systems Science through mentoring program organized by the Interdisciplinary Association for Population Health Sciences (IAPHS). 2020-2021.

PROFESSIONAL SERVICE AND PUBLIC OUTREACH

Service to The Discipline/Profession/Interdisciplinary Area(s)

Health Equity Champion, HealthPartners. 2020- present.

Skunkworks: HealthPartners Institute special interest group in artificial intelligence – focusing on AI/ML research with clinical applications. 2020-2022.

Presented at “Learning Lunch” *How to Quit Smoking For Good* to employees of SAIC-Frederick who wish to quit smoking. February 2003

Speaker for Cognitive Interest Group, MUSC Dept of Psychiatry and Behavioral Sciences, Cognitive Therapy in the Student Health Setting. Spring 2001

MUSC Institute of Psychiatry Booth at City Health Fair, February 1999

North Charleston Girls Running Club, group leader, North Charleston, SC, 1998-1999

Alcohol Awareness Day Committee, Medical University of South Carolina, Fall 1998

Screener, Depression Screening Day, Medical University of South Carolina, Fall 1997

Editorships/Journal Reviewer Experience

Mabry PL, Bures R. Guest Editors (July 2014). *The Application of Systems Science Methodologies to Address Policy-Relevant Obesity Research Questions*. Theme issue of American Journal of Public Health. <http://ajph.aphapublications.org/topic/ssor>

Mabry PL, Milstein B. Guest Editors (October 2013). *Systems Science Applications in Health Promotion and Public Health*. Special issue of Health Education and Behavior. http://heb.sagepub.com/content/40/1_suppl.toc

Urban J, **Mabry PL**, Guest Editors (2011). Theme issue of Research in Human Development entitled, *Embracing Systems Science: New Methodologies for Developmental Science*.

Salerno, J, Chai, S-K, **Mabry P.L**, editors (2010). *Proceedings of the 2010 International Conference on Social Computing, Behavioral Modeling, and Prediction (SBP10)**. Bethesda, MD, March 29-April 1, 2010. *Lecture Notes in Computer Science, Springer* 6007/2010.

*According to the publisher, on June 12, 2013, “[s]ince its online publication on Apr 01, 2010, there has been a total of 8324 chapter downloads for your book on SpringerLink...This means your book was **one of the top 25% most downloaded eBooks** in the relevant Springer eBook Collection in 2012.” Emphasis added.

Orleans, C.T, Abrams, D.B, **Mabry PL**, Guest Editors (2010). Supplement: *Increasing Tobacco Cessation in America: A Consumer Demand Perspective*. *American Journal of Preventive Medicine*, 38(3Suppl).

Review panels for external funding agencies, foundations, etc.

National Institutes of Health, Year 4 AIM-AHEAD “Public-Private Partnerships to Improve Population Health Using AI/ML” (P4) Program. Summer 2025.

Robert Wood Johnson Foundation. Systems for Action (S4A)

http://systemsforaction.org/sites/default/files/documents/S4A_CFP_Brochure_071818_Updated.pdf Review Committee Member, two review panels: December 17, 2018 and January 23-24, 2020.

Austrian Science Fund, (FWF, akin to the U.S. National Science Foundation). Mabry PL, Panel Member. Two review panels: April 4, 2018, 2nd review panel to be scheduled Spring, 2020.

Member, Review Committee, National Academies Keck Futures Initiative (NAKFI) on Complex Systems. Review and evaluate outcomes of seed grants awarded in systems science. July – October, 2014.

Ad hoc grant review panel member; National Cancer Institute, Special Populations Networks for Cancer Awareness Research and Training – Pilot Projects. Spring & Fall 2002; Spring, 2003.

Program review experience

Member, National Science Foundation (NSF), Committee of Visitors. This was an ad hoc subcommittee of the NSF Advisory Committee for the Social, Behavioral and Economic Sciences (SBE) Directorate. The group was charged with convening for a two-day period to review grant portfolios and other pertinent information in order to produce a written report assessing NSF’s performances in various areas related to programs within the Office of SBE Multidisciplinary Activities. Arlington, VA, December 15-16, 2011.

Organization of conferences, workshops, panels, symposia

1. **Mabry PL. Organizer and Discussant.** *How Systems Science and Statistical Approaches Can Help Address Obesity*. Presented as part of a Topic Contributed Paper Session entitled, *Statistical Modeling and Systems Science in Studies of Childhood Obesity*, in the Health Policy Statistics Section of the 2013 Joint Statistical Meetings. Montreal, Quebec, Canada; August 4, 2013. <http://www.amstat.org/meetings/ism/2013/onlineprogram/ActivityDetails.cfm?SessionID=208558>

2. **Mabry PL. Co-organizer and Speaker.** (2010). *Funding Opportunities at NIH for Engineers and Computer Scientists: Focus on Behavioral & Social Sciences Research*. Presented as part of a workshop entitled, [Research Funding for Data Infrastructure and Computational Methods](#) at the [IEEE World Congress on Computational Intelligence](#) (WCCI). Co-Organized by Fahmida Chowdhury (NSF) and **Patricia Mabry**. Barcelona, Spain; July 18-23, 2010.
3. **Mabry PL. Organizer and Symposium Chair.** Session title: *Illustrative Mathematical Modeling In Scientific Workforce Analysis*. A special symposium in the NIH Behavioral and Social Sciences Research Lecture Series. Sponsored by the Office of Behavioral and Social Sciences Research, Office of the Director, NIH. Speakers: Navid Ghaffarzadegan, Ph.D., Massachusetts Institute of Technology & The Ohio State University; Richard C. Larson, Ph.D., Massachusetts Institute of Technology; Joshua D. Hawley, Ed.D., The Ohio State University. Rockville, MD., March 7, 2013.
4. **Mabry PL. Organizer, Panel Chair and Speaker,** *Systems Science to Improve Health Behavior Policy Decision Making: Gaps and Opportunities*. Invited presentation as part of a panel on *Computational Social Science in Health and Medicine, 10th International Conference on Social Computing, Behavioral and Cultural Modeling and Prediction with Behavioral Representation in Modeling and Simulation* (SBP-BRiMS). July 12, 2018, Washington, D.C.
5. **Mabry PL. Organizer and Co-Chair** (with Regina Bures, NICHD) *Envision Summit*: August 21-22, 2014; Washington, DC.
6. **Mabry PL. MAC Workshop Organizer, Chair and Presenter.** Presentation title: *Funding Opportunities, Training, and Programmatic Interest in Systems Science at NIH*. Workshop title: *Enhancing the Epidemiologist's Research Toolbox: An Introduction to Systems Science*. Invited Pre-conference Workshop (with peer review; includes six other presenters); venue arranged by the Minority Affairs Committee (MAC) of the American College of Epidemiology (ACE) at the annual meeting. Louisville, KY, September 21, 2013.
7. **Mabry PL. Esposito, L. (Organizers and Co-Chairs).** *Systems Science Café*. Half-day meeting of investigators and trainees of the Johns Hopkins Center for Childhood Obesity at NIH in order to hear relevant presentations by NIH program staff and intramural scientists, and tour of the Metabolic Clinical Research Unit where intramural research is conducted. November 16, 2012.
8. **Mabry PL. Bures, R. (Organizers and Co-Chairs).** *3rd Envision Summit*. July 30-31, 2012. Washington, D.C.
9. **Mabry PL, Bures, R. (Organizers and Co-Chairs).** *2nd Envision Summit*. February 1-3, 2012. Washington, D.C.
10. **Mabry PL, Spittel M. (Organizers and Co-Chairs).** (2011). *An Overview and Introduction to Systems Science at NIH*. Two one-hour presentations to the NIH Behavioral and Social Sciences Research Coordinating Committee. Rockville, MD; November 4 and December 2, 2011.
11. **Mabry PL, Huang TT, (Organizers and Co-Chairs).** *Envision Summit*. September 21-22, 2010. Washington, D.C.
12. **Mabry PL. (Organizer and Symposium Chair).** Session title: *Illustrative Mathematical Modeling In Scientific Workforce Analysis*. A special symposium in the NIH Behavioral and Social Sciences Research Lecture Series. Sponsored by the Office of Behavioral and Social Sciences Research, Office of the Director, NIH. Speakers: Navid Ghaffarzadegan, Ph.D., Massachusetts Institute of Technology & The Ohio State University; Richard C. Larson, Ph.D., Massachusetts Institute of Technology; Joshua D. Hawley, Ed.D., The Ohio State University. Rockville, MD., March 7, 2013.

13. Ginexi E, **Mabry PL**, Hassmiller-Lich K (**Organizers and Co-Chairs**). *System Dynamics Modeling: Applications for Prevention Research*. A pre-conference workshop in conjunction with the [20th Annual Meeting of the Society for Prevention Research](#). Washington, D.C.; May 29, 2012.
14. **Mabry PL (Organizer and Symposium Chair)**, Rahmandad H, Hovmand P, Brennan L, Ammerman A. (2011). *Harnessing Systems Science Methodologies To Inform Public Policy: System Dynamics Modeling For Obesity Policy In The Envision Network*. A special mini-symposium as part of the Behavioral and Social Sciences Research Lecture Series. Sponsored by the Office of Behavioral and Social Sciences Research, NIH. Rockville, MD; July 15, 2011.
15. Czajkowski S, **Mabry PL**, Onken L. (**Organizers and Co-Chairs**). (2011). *From Discovery to Public Health Impact: New Approaches to Developing, Testing & Optimizing Behavioral Interventions*. A pre-conference workshop in conjunction with the annual meeting of the Society of Behavioral Medicine. Washington, D.C., April 26, 2011.
16. **Mabry PL**, Ginexi, E, Collins, L. (**Organizers and Co-Chairs**) [Systems Science Methodologies for Prevention Research](#), A day long preconference workshop presented at the [Society for Prevention Research 18th Annual Meeting "Cells to Society: Prevention at All Levels"](#). Denver, CO, June 1, 2010.
17. **Mabry PL (Organizer and Chair)** Ginexi, E.M, Bloss, G. *Systems Science at NIH: Programmatic Interests Funding Opportunities, and Resources*. Webinar for the University of Buffalo faculty. March 7, 2014, Bethesda, MD. http://obssr.od.nih.gov/video/systems_science_at_NIH.aspx
18. **Instructor, Panel Chair, Health Disparities Research Institute**, sponsored by National Institute of Minority Health and Health Disparities. Unique content each year for five years: 2010, 2013, 2014, 2015, 2018. See presentations section for details.

Committee memberships

Member, Observational Health Data Sciences and Informatics (OHDSI)

<https://www.ohdsi.org/ohdsi2025/>

- **Workgroup Membership:**
 - Evidence Network
 - Oncology
 - Phenotype Development and Evaluation

Member, NIH Data Management and Sharing Policy Implementation Committee (HealthPartners Institute internal).

Board Chair and Independent Director, Board of Directors. Computer Simulation & Advanced Research Technologies (CSART) Ltd. <http://www.csart-world.com>. 2019-present

Member, Steering Committee. Systems-science Informed Public Health Economic Research for Non-communicable Disease Prevention Consortium (SIPHER). PI: Petra Sylvia Meier, University of Sheffield. **Awarded**, Start date June 2019. End date, with 6-month no-cost extension March 15, 2025. <https://www.gla.ac.uk/research/az/sipher/#:~:text=Working%20together%20to%20tackle%20health,that%20influence%20public%20policy%20process>.

Member, National Advisory Committee. Robert Wood Johnson Foundation. *Systems for Action: Systems and Services Research to Build a Culture of Health* (S4A) Program. 2018-2019. <http://systemsforaction.org/about-us/national-advisory-committee>

Member, Evaluation Committee, NSF National Research Traineeship Award, *Interdisciplinary Training in Complex Networks and Systems* (Award #1735095) PIs: Rocha, Borner, Pescosolido, Razo, Sporns. 2018- 2019.

Member strategic planning workgroup. Regenstrief Strategic Initiative 2: Indiana Network on Population Health Initiative. September 2017.

Member, planning committee, Data-enabled Local Communities Workshop, an activity of the NSF Midwest Big Data Hub. 2017.

Member, Response to Commission for Evidence Based Policy Making. 2016.

Health Area Chair, International Conference on Social Computing, Behavioral-Cultural Modeling, and Behavior Representation in Modeling and Simulation. Washington, D.C., June 28-July1, 2016.

Member, Advisory Board, Science Vision for Health Disparities Research, National Institute for Minority Health and Health Disparities. May 2015 – January 2016.

Member, Reporting Standards in Analysis Subcommittee, a workgroup associated with the workshop, of the *Journal Standards for Promoting Reproducible Research*. The workshop subcommittees are charged with drafting reporting guidelines on reproducibility and transparency which scientific journals could elect to adopt. The workshop and its activities are funded by the Laura and John Arnold Foundation and sponsored by Berkeley Initiative for Transparency in the Social Sciences, Center for Open Science, & SCIENCE Magazine. November 3-4, 2014, Charlottesville, VA.

Member, NIH Big Data to Knowledge (BD2K) Executive Committee. Bi-weekly meetings. 2014-2015.

OBSSR Representative to the NIH Office of the Director, Deputy Director's Meeting. (Bi-monthly meetings and additional conference calls as needed). 2013-2014.

Member, Review Committee, National Academies Keck Futures Initiative (NAKFI) on Complex Systems. Review and evaluate outcomes of seed grants awarded in systems science. July – October, 2014.

Chair, Planning Committee, *Workshop on Verification, Validation, and Uncertainty Quantification for Behavioral and Social Models* (Spring 2014). The trans-agency Planning Committee for this activity includes: various NIH Institutes and Centers, the National Science Foundation, and several Department of Defense entities (i.e., Air Force Research Lab, Air Force Office of Scientific Research, Office of Naval Research, and Army Research Lab).

Chair, Planning Committee, *Tobacco Policy Modeling Workshop*. The trans-agency Planning Committee for this activity includes: FDA's Center for Tobacco Products, CDC's Office on Smoking and Health (OSH), the National Institute on Drug Abuse, and the National Cancer Institute. Bethesda, MD, January 17-18, 2012.

Member, Planning Committee, *The Future of HIV Prevention and Treatment: Integrating Innovative Methods with Intervention Science*. A workshop being developed to explore novel and innovative methodologies for addressing challenges in HIV Research. Chairs: Kari Kugler and Elwin Wu. Washington, DC, September 12-13, 2013.

Member, Program Planning Committee for the 2013 annual meeting of the American Academy of Health Behavior. Santa Fe, New Mexico. March 17-20, 2013.

Member, Steering Committee for U54 grant to support the [Johns Hopkins Global Center for Childhood Obesity](#). 2011 – 2015.

Representative to the NIH-FDA Tobacco Regulatory Science Workgroup. November 2011-2012.

Organizing Committee Chair, [29th International Conference of the System Dynamics Society](#). Crystal City, VA; July 24 - 28, 2011.

Member, NIH OppNet Concept Team, *Social Gradients, Social Stratification, and Health*. 2010-2012.

External Advisory Board Member, conference on *Online Social Networks and Smoking Cessation: Strategic Research Opportunities*. Hosted by the Schroeder Institute for Tobacco Research and Policy Studies, the American Legacy Foundation. September 30 – October 1, 2010; Washington, DC.

Steering Committee Member, [2nd Annual Workshop for Health Policy: Chronic and Infectious Disease Interactions](#), Saskatoon, Saskatchewan, Canada; July 20-22, 2010.

Member, Objectives/Targets Subgroup of the Healthy People 2020 Federal Interagency Workgroup. 2009-2011.

Conference Chair, *Annual International Conference on Social Computing, Behavioral-Cultural Modeling, and Prediction (SBP)*; 2010.

Member, Steering and Advisory Committees, *Annual International Conference on Social Computing, Behavioral-Cultural Modeling, and Prediction (SBP)*; 2009-2016.

Member, [Academy Health Advisory Committee for the Health Services Researcher of 2020: Summit II; Summit on the Future of HSR Data and Methods](#). Washington, DC; June 1-2, 2009.

Program Committee Member, [AAAI Spring Symposium on Technosocial Predictive Analytics](#), sponsored by the Association for the Advancement of Artificial Intelligence. Palo Alto, CA; March 23-25, 2009.

Member, Planning Committee, *Environmental Systems in Public Health Workshop*. This event was sponsored by the NIH National Institute of Environmental Health Sciences (NIEHS). Bethesda MD, September 26, 2008.

Consensus Panel Member. Substance Abuse and Mental Health Services Administration (SAMHSA), Center for Substance Abuse Treatment (CSAT), Knowledge Application Program (KAP), Treatment Improvement Protocol (TIP). Detoxification and Substance Abuse Treatment (Revision of TIP 19). Mar-Aug 2002.