

2025 EMPOWERING HEALTH & TECHNOLOGY IN MARYLAND

**ADVANCING ACCESS, INCLUSION, & INTEGRITY
THROUGH EMERGING TECHNOLOGIES**

PROGRAM AGENDA | MAY 2, 2025

9:00 AM - 4:00 PM

*Join us for the 2025 Empowering Health Webinar Series
May 16th - June 27th. Find more information on the last page.*

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2025 EMPOWERING HEALTH & TECHNOLOGY IN MARYLAND

PROGRAM AGENDA | MAY 2, 2025

9:00 a.m.

Welcome and Opening Remarks

Dr. Jinhee Kim, Ph.D.; Professor, Associate Director and Associate Dean, UME

9:15 a.m.

AI & the Future of Healthcare

Dr. Florence Doo, M.D., M.A., CIIP; Assistant Professor, University of Maryland Institute for Health Computing (UM-IHC); Director of Innovation, University of Maryland Medical Intelligent Imaging (UM2ii) Center

Discover how AI is transforming healthcare by enhancing diagnostics, streamlining operations, and supporting professionals. Explore innovations like predictive analytics, personalized medicine, robotic surgery, and AI-powered tools for patient care. Get a glimpse into the future with emerging technologies like AR, VR, and blockchain in healthcare.

Learning Objectives:

1. Gain insight into the evolving role of AI in healthcare, from advancing clinical diagnostics and patient care to improving efficiency through task automation.
2. Explore the impact of AI-driven tools—including imaging analysis, virtual consultations, and robotics—on expanding access to equitable and effective healthcare services.
3. Examine emerging technologies in healthcare, such as wearables, AR/VR, neurotechnology, and blockchain, with a focus on trends, potential benefits, and considerations for responsible implementation.

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10:15 a.m.

AI, Accessibility, & Bias: Ensuring Fairness in Health Technology

Dr. Galina Madjaroff Reitz, Ph.D.; Professor and Faculty Program Director,
Bachelor of Science in Information Science Program, University of Maryland at
The Universities at Shady Grove

Explore how AI can both enhance accessibility and address bias in healthcare. Learn about the role of AI-powered assistive technologies, automated translation tools, and wearable devices in expanding health access and personalized care. Examine the impact of algorithmic bias on healthcare outcomes, the role of data in driving disparities, and strategies for building more equitable, ethical AI systems. Gain insights into emerging policy and regulatory frameworks that aim to ensure fairness and inclusivity in health technology.

Learning Objectives:

1. Understand how AI technologies can enhance accessibility in healthcare, including assistive tools, language translation, and personalized health monitoring through wearables.
2. Identify the sources and impacts of bias in AI-driven healthcare, including how biased data and algorithms can contribute to disparities in care and outcomes.
3. Explore strategies for promoting fairness and equity in health technology, including bias mitigation techniques, ethical AI development practices, and relevant policy and regulatory considerations.

11:15 a.m.

Intermission

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11:25 a.m.

Best Practices for Reaching Diverse Populations

Dr. Sandra Saperstein, Ph.D.; Professor of Behavior and Community Health, UMD; Senior Consultant of Research and Evaluation, Sharp Insight, LLC

Dr. Devlon Jackson, MPH, Ph.D.; Assistant Research Professor of Behavior and Community Health, UMD

Explore best practices for reaching diverse populations through inclusive digital health strategies. Learn how digital connectivity and health navigator programs can promote health equity by expanding access to tools like patient portals, wearables, and health apps. Discover the importance of creating accessible content, using plain language, and offering multilingual resources. Examine how foundational digital skills training supports better health outcomes, and gain insights from successful public health programs focused on digital inclusion.

Learning Objectives:

1. Develop inclusive digital health content by applying culturally appropriate strategies, accessibility best practices, and plain language to reach diverse audiences effectively.
2. Advance health equity by identifying and addressing barriers—such as language limitations, accessibility challenges, and digital skills gaps—that impact the use of digital health tools.
3. Enhance user adoption through co-design approaches that engage communities and ensure digital solutions are relevant, usable, and equitable.

12:25 p.m.

Lunch Break

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1:25 p.m.

Digital Literacy and Health Misinformation: Verifying & Sharing Reliable Information

Dr. Sarah McGrew, Ph.D.; Assistant Professor, Department of Teaching and Learning, Policy and Leadership, UMD

This insightful presentation will address the critical role of digital literacy in combating the spread of health misinformation. Explore strategies for verifying online health sources, the vital role of community leaders in promoting accurate information, and the collaborative efforts between healthcare providers and communities. Learn how to address privacy and security concerns and the dual role of technology in both spreading and combating misinformation. Understand best practices for sharing reliable health information in the digital age.

Learning Objectives:

1. Identify key strategies for verifying the accuracy of online health information to combat the spread of misinformation.
2. Understand promoting reliable health information and fostering collaboration to reduce misinformation.
3. Evaluate privacy and security concerns associated with digital health information and apply best practices for sharing credible health resources in the digital age.

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2:25 p.m.

Interactive Panel and Q&A: Exploring Key Issues in Health & Technology

Facilitator: Isaias Tesfalidet.; Project Director, UME Tech Extension

Panelists:

Dr. Amy Sheon Ph.D., MPH; Associate Professor, Case Western Reserve School of Medicine; President and Digital Health Equity Consultant, Public Health Innovators, LLC

Charlotte Avery; Program Impact Manager, Institute of Trustworthy Artificial Intelligence in Law and Society (TRAILS) and the Artificial Intelligence Interdisciplinary Institute at Maryland (AIM)

Stefano Selorio; Founder and CEO, Carevocacy

Dr. Sarah Iranpour; Founder, PerSoN Clinic Inc (PerSoN Care)

This interactive panel discussion that will delve into key issues at the intersection of Health and Technology, addressing topics such as Policy, Regulation & Implementation, The Future of AI & Emerging Technologies in Healthcare, Equity & Inclusion in Emerging Technologies, Misinformation & Digital Literacy, and Health & Technology Integration. Join us for a session designed to spark insightful conversations and provide valuable perspectives on these critical topics.

Learning Objectives:

1. Analyze the impact of emerging technologies - including AI - on healthcare policy, regulation, and implementation to understand their role in shaping the future of healthcare systems.
2. Evaluate the importance of equity and inclusion in the development and deployment of healthcare technologies, ensuring accessibility and fairness for all populations.
3. Develop strategies to address misinformation and improve digital literacy in the context of health and technology integration, empowering individuals to make informed decisions in an increasingly digital world.

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3:15 p.m.

Intermission

3:20 p.m.

Keynote Presentation: Addressing Gaps in Access & Care

Nick Culbertson, Managing Director, Techstars AI Health Baltimore, powered by Johns Hopkins University and CareFirst BlueCross BlueShield.

Look into the future of health technologies and their role in advancing equity, accessibility, and community engagement. Learn about the opportunities to enhance health literacy, social justice, and digital access to healthcare while navigating the impact of federal policies. Discover how we can create meaningful, safe access to health technologies and AI, while ensuring that diverse communities can actively use, lead, and shape these innovations for a healthier future.

Learning Objectives:

1. Examine how emerging health technologies can improve equity, accessibility, and community engagement in healthcare, with a focus on overcoming barriers to health literacy and social justice.
2. Explore the influence of digital access to healthcare and federal policies on healthcare delivery, identifying challenges and opportunities for diverse communities.
3. Develop strategies for ensuring safe, meaningful, and inclusive access to health technologies and AI, empowering diverse communities to lead, shape, and benefit from technological innovations in healthcare.

3:50 p.m.

Closing Remarks

Nerice Millet Williams, Digital Literacy Project Coordinator, UME

2025 EMPOWERING HEALTH WEBINAR SERIES

ADVANCING ACCESS, INCLUSION, & INTEGRITY THROUGH EMERGING TECHNOLOGIES

Join the University of Maryland Extension Marylanders Online program and partners for a free webinar series exploring the cutting edge of digital literacy, health equity, and inclusion.

May 16

11 AM - 12 PM

Navigating the Future of AI Regulation

May 23

11 AM - 12 PM

Addressing Disability Disparities Through Health Equity

May 30

11 AM - 12 PM

Tech Literacy in the Digital Health Era

June 6

11 AM - 12 PM

Tackling Social Disparities in Access & Technology

June 13

11 AM - 12 PM

Geographical Disparities in Health Equity & Access

June 20

11 AM - 12 PM

Policy, Health Misinformation, & Public Trust

June 26

11 AM - 12 PM

Social Media's Impact on Public Health & Spread of Health Misinformation

June 27

11 AM - 12 PM

Digital Health Technologies & Misinformation: Navigating the Challenges

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About UME Marylanders Online

Marylanders Online is an initiative through the University of Maryland Extension (UME) and the College of Information (INFO) with support from state funding. The Marylanders Online program serves as an accessible digital literacy resource that is working to close the digital divide experienced by the millions of Maryland residents who lack access to the internet, a digital device, or the skills to utilize either. Through the provision of quality resources - from education and training to curricula and tech support - the mission of Marylanders Online is to promote digital literacy, equity, and inclusion throughout the state of Maryland.

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