

ACMI Speed Networking Mixer

Meet the Fellows

2025 AMIA Annual Symposium | Tuesday, November 18 | 5:30-7:00 p.m.

Julia Adler Milstein

UCSF

Areas of Professional Interest: policy, EHR metadata for research, AI governance

Dr. Adler-Milstein is a professor at UCSF, division chief, and leading researcher who examines policies and organizational strategies that enable effective use of electronic health records and promote interoperability. She is also an expert in EHR audit log data and its application to studying clinician behavior. Most recently her work has expanded to examine telemedicine adoption and health AI governance and monitoring.

Alexander Alekseyenko

MUSC

Areas of Professional Interest: Longitudinal clinical data and phenotyping

Microbiome and panomics

Digital Twins and Artificial Intelligence

<https://amia.org/membership/alexander-alekseyenko-phd-famia-facmi>

Marion Ball

UTA

Areas of Professional Interest: Nursing Informatics

Marion J. Ball, EdD, FACMI, FAAN, FIAHSI, FAHIMA, FMLA, FLHIMSS, FCHIME, FIMIA

Raj and Indra Nooyi Endowed Distinguished Chair in Bioengineering

Presidential Distinguished Professor and Executive Director

Special interest in Nursing Informatics and Health Information Management systems.

Supporter of the TIGER INITIATIVE.
Technology Informatics Guiding Education Reform

David Bates

Brigham and Women's Hospital

Areas of Professional Interest: AI, clinical informatics, clinical decision support

Dr. Bates is the Medical Director of Clinical and Quality Analysis at Mass General Brigham (MGB), co-Director of the Center for Artificial Intelligence and Bioinformatics Learning Systems (CAIBILS) at MGB, and a Senior Physician at Brigham and Women's Hospital (BWH). In June 2023, he stepped down as Chief of General Internal Medicine and Primary Care at BWH after 25 years. Dr. Bates is also a Professor at both Harvard Medical School and at the Harvard T.H. Chan School of Public Health; in addition, he directs the Center for Patient Safety Research and Practice at BWH. Previously, he served as Chief Quality Officer and later as Chief Innovation Officer at BWH.

Dr. Bates is an internationally renowned expert in patient safety, using information

technology to improve care, quality-of-care, cost-effectiveness, and outcomes assessment. He has served as President of the International Society for Quality in Healthcare (ISQua) and as the Board Chair of both ISQua and the American Medical Informatics Association. He is currently the editor of the Journal of Patient Safety and an advisor to the Leapfrog Group.

Dr. Bates is a member of the National Academy of Medicine, the Institute of Medicine, the American Society for Clinical Investigation, the Association of American Physicians, and the American College of Medical Informatics. He has published more than 1,200 peer-reviewed papers which have been cited over 174,000 times; he is among the 400 most cited of all biomedical researchers and is listed as being among the top 250 medical scientists in the world.

Elmer Bernstam

The University of Texas Health Science Center at Houston

Areas of Professional Interest: Clinical data warehousing, clinical research informatics, clinical + clinical research applications of AI.

Dr. Bernstam received Bachelors' degrees in Biomedical Sciences, Psychology, and Computer Engineering, an MD and a Masters of Science in Engineering, all from the University of Michigan. After an internal medicine residency he matriculated as an NLM Fellow to the Medical Information Sciences program at Stanford and received

his Master's degree in Informatics there. He joined the School of Biomedical Informatics at the University of Texas Health Science Center (UTHSC) at Houston as an assistant professor in 2001. Currently, Dr. Bernstam is the Reynolds and Reynolds Professor of Clinical Informatics and Associate Dean for Research at the University of Texas School of Biomedical Informatics at Houston. In addition, he is Professor of Internal Medicine and continues to practice inpatient general internal medicine (hospitalist). Academically, he focuses on clinical and translational research informatics including collecting and "making sense" of large-volume clinical data (clinical data warehousing), consumer informatics and precision oncology decision support. Dr. Bernstam's group created and maintains the i2b2-based clinical data warehouse with data on over 8 million patients. His group also provides a variety of services to clinical/translational investigators at the University of Texas Health Science Center at Houston and other institutions. Dr. Bernstam is an elected fellow of the American College of Physicians (2004) and the American College of Medical Informatics (2010).

Jim Cimino

University of Alabama at Birmingham

Areas of Professional Interest: Clinical decision support, reinventing the EHR, improving clinical documentation

James Cimino is a board-certified, practicing internist with a long career in academic biomedical informatics. He is currently a Distinguished Professor of Medicine and Chair of the Department of Biomedical Informatics and Data Science (DBIDS) at the University of Alabama-Birmingham (UAB) Heersink School of Medicine.

Dr. Cimino graduated from Brown University and New York Medical College and completed an internal medicine residency at Saint Vincent's Medical Center in New York and a National Library of Medicine (NLM) fellowship in medical informatics at the Massachusetts General Hospital MGH) and Harvard Medical School, where he co-developed DXplain.

He joined the faculty of Columbia University in 1988 in Biomedical Informatics and Medicine, where he developed electronic health records systems, including WebCIS and PatCIS, decision support tools, including Infobuttons, and carried out pioneering work in medical ontologies. In 2008, he moved to the National Library of Medicine and the NIH Clinical Center, where he led the Laboratory for Informatics Development and created the Biomedical Translational Research Information System (BTRIS). In 2015, he moved to UAB to become Professor of Medicine and the inaugural director of the Informatics Institute, with transition to DBIDS chair in 2024.

Dr. Cimino has held many leadership positions in AMIA, including Board Member, Secretary and (currently) Treasurer, as well

as President of ACMI. He has served as associate editor of the Journal of Biomedical Informatics for 20 years, and is co-editor (along with Ted Shortliffe and others) of a leading biomedical informatics textbook.

His honors include Fellowships in the American College of Physicians, the New York Academy of Medicine, the American College of Medical Informatics and the International Academy of Health Science Informatics, the Priscilla Mayden Award from the University of Utah, the Donald A.B. Lindberg Award for Innovation in Informatics and the President's Award, both from AMIA, the Medal of Honor from New York Medical College, the NIH Clinical Center Director's Award (twice), induction into the National Academy of Medicine (formerly the Institute of Medicine), and the Morris F. Collen Award for Excellence from the ACMI and AMIA.

His current research focuses in reinventing the electronic health record and supporting reuse of clinical data for research.

David Dorr

OHSU

Areas of Professional Interest: AI, Clinical and Translational Research, Learning Health Systems

Dr. Dorr's interests lie in complex care management, especially for older adults and other at-risk populations, coordination of care, collaborative care, chronic disease

management, quality and the requirements of clinical information systems to support these areas.

Noémie Elhadad

Columbia University

Areas of Professional Interest: Generative AI, human centered AI, women's health

Noémie Elhadad is Chair of the Department of Biomedical Informatics at Columbia University VP&S (Vagelos College of Physicians and Surgeons) and Director of Medical Information Services at NewYork-Presbyterian Hospital. She is affiliated with Columbia's Department of Computer Science and the Columbia Data Science Institute. She leads the AI at VP&S Initiative, a school-wide effort guiding the integration of AI across research, education, clinical care, and community health. She founded Even, Columbia University's research initiative on data-powered women's health. Her research sits at the intersection of artificial intelligence, human-centered computing, and medicine. She designs AI-driven tools to support patients and clinicians, ensuring that the AI systems of the future are safe, effective, and advance medicine.

Peter L. Elkin, MD

DBMI, University at Buffalo

Areas of Professional Interest: AI, Ontology, NLP

Dr. Elkin serves as the UB Distinguished Professor and Chair of the UB Department

of Biomedical Informatics. Dr. Elkin has published over 300 peer reviewed publications and book chapters. He received his Bachelors of Science from Union College and his M.D. from New York Medical College. He did his NIH/NLM sponsored fellowship in Medical Informatics at Harvard Medical School and the Massachusetts General Hospital. Dr. Elkin has been working in Biomedical Informatics since 1981 and has been actively researching health big data science since 1987. Dr. Elkin is a Master of the American College of Physicians and a Fellow of the American College of Medical Informatics and a Fellow of the New York Academy of Medicine. He was awarded the Mayo Department of Medicine's Laureate Award for 2005. Dr. Elkin is the index recipient of the Homer R. Warner award for outstanding contribution to the field of Medical Informatics. Dr. Elkin is an internationally renowned expert in knowledge representation, ontology, AI, natural language processing and health IT standards. Dr. Elkin in 2018 received the Team Science Award from the NCATS and was elected an inaugural fellow of the American Medical Informatics Association for Clinical Informatics excellence and has been elected to the International Academy of Health Sciences Informatics. He serves on the Board of Directors of AMIA and the ACTS, and is the President Elect of the Friends of the NLM. He publishes the Springer series Textbook on Ontology, Terminology and Terminological Systems.

Sue Feldman

UAB

Areas of Professional Interest: Health information systems

academic programming

mentoring

Sue Feldman, RN, MEd, PhD, FACMI, is a Professor of Health Informatics in the School of Health Professions at the University of Alabama at Birmingham with a dual appointment in the Heersink School of Medicine in the Department of Biomedical Informatics and Data Science as well as a Senior Scientist in the Center for the Study of Community Health in the School of Public Health at UAB. Her research focuses on best practices for health information systems for social good and social protections. During COVID, she led several statewide initiatives resulting in her being awarded the HIMSS 2021 Changemaker in Health Award. Her teaching and research resulted in a recent Mentor of the Year award. Her international and domestic research in health, wellness and social-benefit initiatives has been funded by The World Bank, The Asian Development Bank, The Centers for Disease Control and Prevention, The Centers for Medicaid and Medicare Services, the Department of Labor, and other Federal and State agencies, Industry Partners, and Private Foundations. Her work in healthcare informatics transcends many domains, contexts, and user types. Dr. Feldman is a Fellow in the American College of Medical

Informatics and holds a PhD in Education and a PhD in Information Systems and Technology from Claremont Graduate University in Claremont CA.

Andrea Hartzler

University of Washington

Areas of Professional Interest: Consumer health informatics, human-computer interaction, health equity

Andrea Hartzler is a professor in the Department of Biomedical informatics and Medical Education at the University of Washington (UW). She co-directs the Clinical Informatics and Patient-Centered Technologies graduate program and leads operational efforts to promote patient digital experience at UW Medicine. Her research focuses on the human-centered design of technologies that promote health equity. She uses participatory approaches and mixed methods that emphasize user experience and integration of informatics solutions into healthcare. She earned a PhD in Biomedical Informatics and served as an Assistant Investigator at Kaiser Permanente Washington Health Research Institute before joining the faculty at UW School of Medicine.

Bill Hersh

Oregon Health & Science University

Areas of Professional Interest: Information retrieval, informatics education, applications of AI in education

William Hersh, MD is a Professor in the Division of Informatics, Clinical Epidemiology and Translational Data Science (DICE) in the Department of Medicine of the School of Medicine at Oregon Health & Science University (OHSU). He is a leader and innovator in biomedical informatics both in education and research.

Dr. Hersh is also an accomplished researcher. His main efforts have been in the area of information retrieval (also known as search) applied to biomedicine. He has authored over 200 scientific papers and abstracts as well as the book, *Information Retrieval: A Biomedical and Health Perspective*, 4th Edition (Springer, 2020). His current work focuses on the application of search techniques to electronic health record data, aiming to improve patient cohort discovery and amplification of signals of rare diseases. He has also led a number of information retrieval challenge evaluations with participation of many research groups from around the world under the guise of the Text Retrieval Conference (TREC).

Dr. Hersh has led a number of innovations in biomedical informatics education. He conceptualized and implemented the first offering of the American Medical Informatics Association 10x10 (“ten by ten”) program, which provides the equivalent of an introductory graduate-level course and has been completed by over 3400 people. He is Editor of the textbook, *Health Informatics: Practical Guide*, 8th Edition (Lulu.com, 2022).

John Holmes

University of Pennsylvania Perelman School of Medicine

Areas of Professional Interest: Machine learning

Public health

Clinical decision making

John H. Holmes, PhD, is Professor of Medical Informatics in Epidemiology at the University of Pennsylvania Perelman School of Medicine. He has mentored or co-mentored over 50 pre- and post-doctoral students in informatics or epidemiology, and has developed curricula for graduate training in epidemiology and biomedical informatics as well as short courses in these disciplines. Dr. Holmes’ research interests are focused on the intersection of medical informatics and clinical research, specifically evolutionary computation and machine learning approaches to knowledge discovery in clinical databases, deep electronic phenotyping, interoperable information systems infrastructures for epidemiologic surveillance, and their application to a broad array of clinical domains. Dr. Holmes is engaged with the Botswana-UPenn Partnership, assisting in building informatics education and epidemiologic research capacity in Botswana.

Kevin Johnson

University of Pennsylvania

Areas of Professional Interest: Clinical informatics; AI in primary care; clinical documentation

Kevin B. Johnson, MD, MS, is a physician-informatician and University Professor at Penn, where he directs the AI-4-AI Lab. His work focuses on making outpatient care more observable and computable through multimodal datasets (video, EHR, wearables), applied AI/ML pipelines, and patient-facing digital tools. He has led pioneering efforts in portals, conversational agents, and the Observer Repository, while also shaping thinking around trust, usability, and governance in digital health.

Kensaku (Ken) Kawamoto

University of Utah

Areas of Professional Interest: AI/LLMs, decision support, interoperability

Kensaku Kawamoto, MD, PhD, MHS is Professor and Vice Chair of Clinical Informatics in the Department of Biomedical Informatics. He is also Associate Chief Medical Information Officer and Director of the ReImagine EHR initiative, which is a multi-stakeholder initiative to improve patient care and the provider experience through interoperable, AI-enabled EHR apps that convert data to actionable insight. For his work on ReImagine EHR, Dr. Kawamoto was recognized by Modern Healthcare in 2019

as a Top 25 Innovator. Dr. Kawamoto is also Co-Senior Director of the University of Utah Digital Health Initiative and co-chair of the Clinical Decision Support Work Group of the Health Level Seven International (HL7) standards development organization. He also served two terms as a member of the US Health IT Advisory Committee.

Hadi Kharrazi

Johns Hopkins

Areas of Professional Interest: population health informatics

predictive modeling & data science

health services research

More at: <http://hkharrazi.com/?section=res>

Ross Koppel

Univ of Pennsylvania

Areas of Professional Interest: usability, pt safety, human-computer interfaces, workflow, AI in healthcare

I actually started as a PhD in sociology, but morphed (about 25 yrs ago) to medical informatics. My training in survey research and qual methods has been invaluable.

Craig Kuziemy

MacEwan University

Areas of Professional Interest: Systems thinking and HIT design, collaborative care delivery, and social and organizational issues.

Dr. Craig Kuziemy, PhD, is the Associate Vice President of Research at MacEwan University in Edmonton, Alberta. Prior to joining MacEwan in 2019 as AVPR, Dr. Kuziemy spent 12 years at the Telfer School of Management at the University of Ottawa. Dr. Kuziemy was awarded the University of Ottawa 2013 early Career Researcher of the Year Award in the Social Sciences and Humanities. From 2016-19 he was the inaugural University of Ottawa Research Chair in Healthcare Innovation. His research focuses on systems thinking approaches for health system transformation, including to support the design of digital health tools for clinical and public health. He has published over 200 peer reviewed conference and journal publications, 9 book chapters, has co-edited 8 books, and has held various leadership roles in the world of medical informatics. In 2024 he was elected as fellow of the American College of Medical Informatics.

Yves Lussier

University of Utah Dept of Biomedical Informatics

Areas of Professional Interest: Precision Medicine

translational Bioinformatics

Network and Systems Medicine

Yves A. Lussier, MD, FACMI, FAMIA, FIAHSI

Professor and Chair, Department of Biomedical Informatics, University of Utah School of Medicine

Dr. Yves Lussier is a physician-scientist, engineer, and international leader in translational bioinformatics and precision medicine. He has authored over 250 peer-reviewed publications, delivered more than 100 invited presentations, and presented 30 international conference keynotes. His research has advanced methods in SNP analysis, single-cell and single-nucleus transcriptomics, eQTL networks, and integrative computational frameworks for multi-omics. His work has been featured in the New York Times and Wall Street Journal, and he co-founded the AMIA Summit on Translational Bioinformatics.

Dr. Lussier has provided computational biology core leadership at four academic medical centers and three cancer centers through NIAID, NCI, and CTSA funding. His contributions were recognized by the White House Precision Medicine Summit in 2013. He practiced internal medicine for 17 years as a hospitalist, bridging bedside insight with biomedical data science.

A committed mentor, Dr. Lussier has trained over 90 trainees, including 40+ junior faculty, 7 PhD students (with placements at institutions such as the Allen Institute for Immunology and IBM Research), and 20+ additional graduate students (now in MD-PhD programs or senior data science roles in industry). Of his faculty mentees, 7 have obtained K-awards, and 5 have received R-series NIH funding. He fosters a rigorously inclusive environment with emphasis on unbiased experimental design, statistical

rigor, transparent reporting, and tailored career development

Michael Matheny

Vanderbilt University Medical Center

Areas of Professional Interest: real-world medical product active surveillance, algorithm vigilance, and clinical summarization.

Dr. Michael Matheny is the Director for the Center for Improving the Public's Health with Informatics and Professor in the Departments of Biomedical Informatics, Medicine, and Biostatistics, Vanderbilt University Medical Center. He is also a part-time primary care physician, physician scientist, board certified in internal medicine and clinical informatics, Co-Director of the Advanced Fellowship in Medical Informatics, and Associate Director of VA ORD COIN VETWISE-LHS at the Tennessee Valley Healthcare System VA, Nashville, TN. Dr. Matheny's program of research has focused on developing and adapting artificial intelligence and machine learning methods for clinical use, with emphasis in the areas of real-world medical product active surveillance, algorithm vigilance, probabilistic phenotyping, natural language processing, and risk prediction modeling. His work has resulted in over 230 publications. He is a Fellow of the American College of Medical Informatics, Fellow of the American Medical Informatics Association, Fellow of the International Academy of Health Science Informatics, and

Member of the American Society of Clinical Investigation.

Susan Matney

Gravity Project

Areas of Professional Interest: Interoperability, nursing, terminology

Susan A. Matney, PhD, RNC-OB, FAAN, FACMI, FHIMSS, FHL7, AL2 is a recognized leader in nursing informatics, with over 40 years of experience in nursing and more than 25 years dedicated to informatics. She is widely respected for her expertise in nursing terminologies and data standards, particularly her contributions to the adoption and implementation of Logical Observation Identifiers Names and Codes (LOINC) and SNOMED Clinical Terms (SNOMED CT). Dr. Matney has served on the Nursing Knowledge Big Data (NKBD) Steering Committee since its inception, where she chaired the terminology working group and led efforts to develop standardized nursing assessments, including head-to-toe, pain, and wound assessments, mapped to LOINC and SNOMED CT. She has held leadership roles in key standards organizations, including past chair positions for the Nursing Clinical LOINC Subcommittee, the SNOMED Nursing Working Group, and the HL7 Patient Care Committee. Her contributions have been pivotal in advancing interoperability of nursing data across healthcare systems.

Currently, Dr. Matney is an Informatics Consultant at Wise Owl Originals, LLC,

supporting projects with HL7, including the Gravity Project, which focuses on standardizing social determinants of health data. Her prior roles include work at Intermountain Healthcare on the Healthcare Data Dictionary and at 3M Health Information Systems, where she standardized care plans for Siemens Soarian and developed clinical information models for Logica and Graphite. Throughout her career, she has played an essential role in integrating clinical data into electronic health records and other health IT systems, bridging clinical practice and informatics to improve patient care and decision-making.

Genevieve Melton-Meaux

University of Minnesota

Areas of Professional Interest: Learning Health Systems

Intersection of Surgery and Informatics

Practice of Informatics and AI (Informatics leadership)

Genevieve Melton-Meaux serves as McKnight Presidential Endowed Professor of Surgery and Health Informatics, Senior Associate Dean of Health Informatics and Data Science, and Director for the Center for Learning Health System Sciences at the University of Minnesota. She is a practicing colorectal surgeon. Her research interests include surgical informatics, improving note usage in EHRs, evaluating biomedical standards and technology solutions in

practice, advancing learning health system capabilities and the generation of real world evidence, and clinical natural language processing (NLP). At the University of Minnesota, she serves on the Executive Leadership Team of the University's Data Science Initiative and Associate Director for the Clinical NLP Research Group.

Operationally, Dr. Melton-Meaux serves as the Chief Health Informatics and AI Officer for M Health Fairview an integrated healthcare delivery system based in Minnesota where she leads informatics including Clinical Decision Support (CDS), Health IT optimization and its enterprise AI program, as well as the system's evidence-based care program. National recognition includes election to the American College of Medical Informatics, American Surgical Association, and the National Academy of Medicine. She also serves as the Immediate Past-President of the American College of Medical Informatics, Chair of the Board of Directors for the American Medical Informatics Association, and on the Board of Directors for HL7 International.

J Marc Overhage

Indiana University/The Overhage Group

Areas of Professional Interest: Health information and knowledge interoperability and patient and provider facing CDS

Dr. J. Marc Overhage is a highly accomplished healthcare executive and a recognized leader in medical informatics,

known for his extensive experience in digital health transformation and health information exchange.

Serving as the Staff Vice President for Health Informatics and Data Architectures at Elevance Health, Dr. Overhage has spearheaded the development and implementation of innovative AI-driven patient engagement programs, resulting in significant healthcare savings and enhanced patient outcomes. Before his role at Elevance Health, he served as the Vice President of Strategic Intelligence and Chief Medical Information Officer at Cerner Corporation, where he led the company's innovation initiatives and launched several programs, including "Data as a Service" and the "Closed-loop Intelligence Imperative." His earlier tenure at Siemens Health Solutions saw him advance clinical content, standards, and product strategies, ultimately contributing to the integration of electronic health record capabilities.

Dr. Overhage is perhaps best known for his pioneering work as the founding CEO of the Indiana Health Information Exchange (IHIE), where he led the development of the Indiana Network for Patient Care (INPC), one of the first and most comprehensive health information exchanges in the United States. Under his leadership, IHIE became a national model for health information exchange, significantly improving patient care coordination and data interoperability across Indiana's healthcare ecosystem.

Dr. Overhage's academic contributions include his role as Director of Medical Informatics at the Regenstrief Institute and as a faculty member at Indiana University, where he co-led the Observational Medical Outcomes Partnership (OMOP), now a globally recognized initiative in observational health data science. He has published extensively in clinical informatics and influenced both national and international health IT policy.

Dr. Overhage earned his M.D. and Ph.D. in Biophysics from Indiana University and completed his residency and fellowship in Internal Medicine, with a focus on medical informatics. His career embodies a distinctive blend of strategic vision, technical expertise, and a commitment to enhancing healthcare delivery through innovative technology and data-driven approaches.

Yifan Peng

Weill Cornell Medicine

Areas of Professional Interest: Health NLP, Medical Imaging, Generative AI

Yifan Peng, Ph.D., FACMI, is an Associate Professor in the Department of Population Health Sciences at Weill Cornell Medicine. His main research interests include BioNLP and medical image analysis. He has published in major AI and healthcare informatics venues, including ACL, NAACL, CVPR, and MICCAI, as well as medical venues, including Nature Medicine, Nucleic

Acids Research, npj Digital Medicine, and JAMIA. His research has been funded by federal agencies, including NIH and NSF, and industries such as Amazon and Google.

Rachel Richesson

University of Michigan

Areas of Professional Interest: Data standards; clinical research informatics, patient registries

Through my association with multiple collaborative research networks, I have experience with data standards development and use of EHR data in pragmatic clinical trials. My current activities support the development and testing of HL7 FHIR standards that include consumer perspectives and enable consumer-mediated data exchange for registry-based research.

I have directed the implementation of data standards for multi-site and multi-national clinical research and epidemiological studies, including the NIH Rare Diseases Clinical Research Network (RDCRN) and The Environmental Determinants of Diabetes in the Young (TEDDY). I was co-chair the RDCRN Standards and Registry Committees, and interacted with standards bodies and other organizations (e.g., HL7, CDISC, IHTSDO (SNOMED), LOINC) to represent rare disease needs. I worked with the Patient Centered Outcomes Research Network (PCORnet) to develop approaches to use electronic health record (EHR) data and systems in research, with emphasis on

data quality assessment and validation of computable phenotypes. Currently, I co-lead the EHR Core for the NIH Pragmatic Trials Collaboratory, which is developing methodological guidance for using EHR data and systems in pragmatic clinical trials. I also serve as Vocabulary Facilitator for the HL7 Patient Empowerment Group, which projects patient voice in standards development and promotion.

I am editor of Springer Clinical Research Informatics textbook (3 editions) and authored chapters on data standards, registries, and pharmacovigilance. I have been active in the Clinical Research Working group of AMIA and support research informatics (related to standards, data harmonization and use of EHR data for clinical phenotyping) at the Michigan Institute for Clinical & Health Research (MICHCR), a CTSA program hub.

I am a proud member of ACMI, FAMIA and currently serve on the Board of Directors for AMIA.

Marylyn Ritchie

Medical University of South Carolina (MUSC)

Areas of Professional Interest: human genetics, EHR-linked biobanks, translational bioinformatics

Dr. Marylyn D. Ritchie is the Chief Artificial Intelligence Officer for the MUSC Enterprise, Director of a new Center for AI, as well as

Associate Dean for Artificial Intelligence and Director of the Division of Computational Health Sciences and AI in the College of Medicine at the Medical University of South Carolina (MUSC). Dr. Ritchie is also the SmartState Endowed Chair in Translational Biomedical Informatics. Dr. Ritchie is an expert in translational bioinformatics, with a focus on developing, applying, and disseminating algorithms, methods, and tools integrating electronic health records (EHR) with genomics. Dr. Ritchie has over 20 years of experience in translational bioinformatics and has authored over 500 publications. Dr. Ritchie was appointed as a Fellow of the American College of Medical Informatics (ACMI) in 2020. Dr. Ritchie was elected as a member of the National Academy of Medicine in 2021.

Titus Schleyer

Regenstrief Institute/Indiana University

Areas of Professional Interest:

1. sustainability in healthcare
2. climate, health and informatics
3. public and population health informatics

Titus Schleyer is the founder and chair of the AMIA Climate, Health and Informatics Working Group, which is dedicated to promoting sustainability, and a healthy planet for current and future generations. He leads the Learning Health Informatics Program at the Regenstrief Institute, which uses everyday patient care and other data

to improve the health of and healthcare for people in Indiana and beyond. In addition, he co-leads Informatics for the Indiana Clinical and Translational Science Institute. An award-winning educator, Dr. Schleyer is focused on educating the next generation of biomedical informaticians. He co-directs the National Library of Medicine-funded Public & Population Health Informatics Fellowship at Indiana University. In addition, he continuously mentors trainees in several other training programs.

Roy L. Simpson

Emory University Center for Data Science Nell Hodgson Woodruff School of Nursing

Areas of Professional Interest: Nursing Informatics, EHR Data, and development of a De-identified data base on patients from operational EHR.

Roy L. Simpson- a nurse and Fellow of ACMI, professor Emory University and foundational pioneer in nursing informatics who co-developed the Nursing Minimum Data Set—the data framework embedded in every electronic health record today— with colleagues established nursing informatics as a formal ANA-certified specialty writing the scope of practice in the 1980s. He has over 45 years of leadership with AMIA and recently received the American Academy of Nursing's highest honor, the President's Award for his transformative contributions to healthcare informatics. His work in practice created the data infrastructure that enables modern nursing practice in EHRs

and continues to shape the field through cutting-edge research on AI and predictive analytics. Three books and over 500 articles contribution over the 45 years.

Justin Starren

U of Arizona

Areas of Professional Interest: Translational Informatics, Human Computer Interaction, bioethics

Justin Starren, MD, PhD, FACMI, is the Director for the Center of Biomedical Informatics and Biostatistics at the University of Arizona Health Sciences, where he is Professor of Radiology, Health Professions and Biomedical Informatics.

Dr. Starren is a biomedical informatics researcher and data scientist with more than 30 years of experience. His research career has focused on the challenges that occur at the boundaries between different domains, and on creating new methods that address unmet needs. This has included: the integration of genomic information and electronic health records (EHRs) to enable precision medicine; interfaces between humans and computers; tools to connect medically underserved populations and academic medical centers; and translational informatics bridging research and clinical care.

Dr. Starren is widely known for his work as chief technology architect for the Informatics for Diabetes Education and Telemedicine Project (IDEATel), the largest telehealth network implemented to that

time. He is also recognized for his work leading the EHR integration workgroup of the Electronic Medical Records and Genomics (eMERGE) project which was one of the first projects integrating genomic data into the EHR to support precision medicine. His current research involves exploring socio-technical challenges at the interfaces between technology and patient care. He is an elected fellow of the American College of Medical Informatics (ACMI) and is a Fellow of the American Medical Informatics Association (AMIA). He has held numerous national leadership positions and was recently elected Secretary of ACMI. Since arriving at the University of Arizona, he has turned his attention to the unique challenges of healthcare, and informatics education and research to support rural and tribal populations.

Bill Stead

Vanderbilt University

Areas of Professional Interest: design thinking, knowledge representation; personalized prediction

I am a clinical nephrologist and one of the founders of the field of biomedical informatics. I move comfortably between envisioning the long-term potential of informatics to transform health and biomedicine and research/development to test those ideas. Since I stepped down as VUMC's Chief Strategy Officer in January

2021, I split my time between mentoring the next generation of informatics leaders and research to increase the diagnostic potential of EHR data. My research anneals systems thinking, knowledge management, statistics and deep learning to surface unrecognized patterns in EHR data. I am passionate about the opportunity to better understand which factors contribute to an individual's disease and to shorten the time to diagnosis.

Paul Tang

Stanford University

Areas of Professional Interest: LLM applications in healthcare

CMIO career

Innovation center

Paul Tang, MD, MS, is Adjunct Professor in the Clinical Excellence Research Center at Stanford University and a practicing internist at the Palo Alto Medical Foundation. He has served in executive administration roles in health systems for over 25 years. Dr. Tang was Vice President, Chief Innovation and Technology Officer at the Palo Alto Medical Foundation (PAMF), directing the David Druker Center for Health Systems Innovation, a disruptive innovation center focused on grand challenges in health. Prior to that, as Chief Medical Information Officer (CMIO), Dr. Tang led one of the earliest implementations of an Electronic Health Record (EHR) system in 1999 at PAMF and in 1996 at Northwestern. In 2000, he co-developed and implemented

MyChart, the first commercial patient portal, with Epic.

Dr. Tang is an elected member of the National Academy of Medicine (NAM), and has served on numerous NAM study committees. Dr. Tang was co-chair of the federal Health Information Technology Policy committee from 2009-2017, which advised HHS on the implementation of HITECH. He has served as board chair for several health informatics professional associations, including the American Medical Informatics Association (AMIA). He has served on the boards of AMIA, National Quality Forum, AcademyHealth, Computer-based Patient Record Institute, Joint Health Information Technology Alliance, NAM Board on Health Care Services, and National eHealth Collaborative. Dr. Tang is a recipient of the Nicholas E. Davies Award for Excellence in Computer-based Patient Record System Implementation in 1998 and the AMIA Don E. Detmer Award for Health Policy Contributions in Informatics in 2009. Dr. Tang is a Fellow of the American College of Physicians, the American College of Medical Informatics, the College of Healthcare Information Management Executives, and the Healthcare Information and Management Systems Society.

He received his B.S. and M.S. in Electrical Engineering from Stanford University and his M.D. from the University of California, San Francisco.

Thankam Thyvalikakath

Indiana University/Regenstrief Institute

Areas of Professional Interest: Linking disparate data sources for retrospective studies.

Evaluation of clinical decision support systems

Natural language processing

Dr. Thankam Thyvalikakath is the founding director of dental informatics in the Department of Dental Public Health and Dental Informatics, associate dean of the Office of Dental Informatics and Digital Health, and professor at Indiana University School of Dentistry (IUSD). As associate dean, Dr. Thyvalikakath provides strategic leadership for dental informatics and digital health, which spans the dental school's education, research, and patient care missions. She is also the founding director of the joint dental informatics program at Regenstrief Institute, Inc. and IUSD, a research scientist in the Center for Biomedical Informatics at Regenstrief Institute, Inc., and adjunct professor in the IU Indianapolis Luddy School of Informatics, Computing and Engineering.

Dr. Thyvalikakath earned her PhD degree in Biomedical Informatics from the University of Pittsburgh School of Medicine. She also holds a dental degree and certificate in clinical research from the University of Pittsburgh, USA, a dental degree from the

University of Kerala, India, and a master's degree in Oral and Maxillofacial Surgery from the University of Calicut, India. At IUSD, she teaches in the Comprehensive Care Clinics and dental informatics courses in the graduate program. She mentors student researchers as well as faculty.

Dr. Thyvalikakath is an international leader in dental and health informatics and is the principal investigator or co-investigator in numerous federal grants to support her research. Her research focuses on integrating different data sources, such as electronic dental and health record data for clinical research; establishing natural language processing pipelines to process clinical notes; evaluating and implementing human-centered artificial intelligence applications to enhance clinicians' and patients' treatment decisions; and facilitating health information exchange to promote coordinated care between medical and dental care providers.

Bill Tierney

Indiana University Fairbanks School of Public Health

Areas of Professional Interest: EHR implementation and assessment

Global Health Informatics

Leadership in Informatics

Bill Tierney is a general internist, fellowship trained in biomedical informatics at the Regenstrief Institute where he helped

implement and study one of the nation's first comprehensive EHR systems. He developed and led Regenstrief Data Services that helped clinical managers and researchers access EHR data in the Regenstrief Medical Record System and eventually in the statewide Indiana Health Information Exchange, which Regenstrief developed. Bill has served as president and CEO of the Regenstrief Institute, Chair of Internal Medicine for the nation's fourth largest safety net health system, and associate dean of research for the Indiana University School of Medicine. He was also the founding director of informatics and research for AMPATH Kenya, a 30-year collaboration of more than a dozen U.S. medical schools with Moi University where he and Regenstrief colleagues developed and implemented sub-Saharan Africa's first ambulatory EHR which became the open-source OpenMRS which has been implemented in more than 50 countries. Bill is a former president of ACMI and a member of AMIA's Board of Directors and has received ACMI's Morris F. Collen Award.

Anne M. Turner, MD, MLIS, MPH

University of Washington

Areas of Professional Interest: public health informatics, machine translations, older adult information management, decision making in dementia, elder bias in AI

Dr. Anne M. Turner is a professor (emeritus) at the University of Washington (UW) with joint appointments in the Department of Health Systems and Population Health,

School of Public Health and in the Department of Biomedical and Health Informatics, School of Medicine. A board-certified pediatrician, Dr. Turner is a physician and research investigator for the UW CDC Health Promotion Research Center (HPRC) and the Northwest Center for Public Health Practice (NWCPHP). Her research focuses on the use of information technology to improve public health practices and address key public health problems. Her public health informatics research ranges from the use of natural language processing and machine translation to improve access to public health materials, to investigations into information management practices of older adults. Her most recent NIH-funded R01 research project is developing a discrete choice experiment (DCE) tool for supporting decision-making in individuals impacted by Alzheimer's Disease. Dr. Turner has taught Public Health and Informatics for the UW Biomedical and Health Informatics graduate program and served as former chair of the AMIA Academic Forum.

Kim Unertl

Vanderbilt University Medical Center

Areas of Professional Interest: human-computer interaction; implementation; education

Kim Unertl, PhD, is an Associate Professor of Biomedical Informatics in the School of Medicine at Vanderbilt University. She earned a bachelor's degree in Biomedical Engineering from Marquette University and

MS and PhD in Biomedical Informatics from Vanderbilt University. Her research focuses on the intersection of health information technology and clinical workflow, including the design and implementation of technology. Dr. Unertl's primary interest for research settings include chronic disease care and community engagement. Beyond her research, Dr. Unertl is a nationally-recognized leader in development of new pathways into the biomedical informatics field.

Laura Wiley

Washington University of St. Louis

Areas of Professional Interest: clinical research informatics

data warehousing

learning health system

Dr. Wiley develops informatics methods to enable electronic health record-based research and clinical innovation through EHR-linked biobanks and the learning health system. She is an expert in computational phenotyping and EHR data harmonization and led the informatics implementation of a comprehensive tobacco cessation service through the Cancer Center Cessation Initiative (C3I). She is an internationally recognized expert in informatics education developing the Coursera Clinical Data Science Specialization, a series of six massively open online courses with more than 40,000 enrollments globally. Dr. Wiley is an Associate Professor of Neurology in the Washington University School of

Medicine and the Institute for Informatics, Data Science and Biostatistics (I²DB) where she also serves as Director of Clinical Data Science in the Office of the Chief Research Information Officer. She is regular contributor to the informatics community chairing or vice-chairing several AMIA conferences and serving on numerous committees and task forces. She is a Fellow of both the American College of Medical Informatics (FACMI) and AMIA (FAMIA).

Rui Zhang

University of Minnesota

Areas of Professional Interest: Large language models, knowledge graphs, multimodal learning

Dr. Zhang is Professor and Founding Chief of Division of Computational Health Sciences at the University of Minnesota. He was named as McKnight Presidential Fellow and hold several leadership roles, including Chair of AI and Data science for Healthcare workgroup within the UMN's Data Science and AI Hub, the Director of Natural Language Processing/Information Extraction (NLP/IE) research program, Associate Director of Center for Learning Health System Sciences, and previously served as Director of NLP at UMN's Clinical and Translational Science Institute. Dr. Zhang's research is at the forefront of integrating novel AI with healthcare research and practice, analyzing multi-modal biomedical data, including electronic health records, biomedical literature, and patient-generated data. Dr. Zhang is a Fellow of International

Academy of Health Sciences Informatics (FIAHSI), Fellow of American College of Medical Informatics (FACMI) and Fellow of AMIA. He is the current Chair of AMIA Natural Language Processing Working Group.

Li Zhou

Harvard Medical School, Brigham and Women's Hospital

Areas of Professional Interest: Artificial Intelligence, Clinical Decision Support

Professor in Medicine at Harvard, received PhD in Biomedical Informatics from Columbia Univ, AMIA Board Director
