Texas Health Informatics Alliance

Texas Health Informatics Alliance Conference 2023
September 15, 2023

Time	Topic and Speaker
8:00 - 8:30 AM	**Registration and Breakfast**
8:30 - 9:00 AM	**Welcome and Opening Remarks** Jiajie Zhang, PhD Dean and Professor, The Glassell Family Foundation Distinguished Chair in Informatics Excellence, McWilliams School of Biomedical Informatics Director, National Center for Cognitive Informatics and Decision Making (NCCD) UTHealth - Houston Introduced by: Dr. Susan Fenton, UTHealth - Houston
9:00 - 10:00 AM	**Opening Keynote** Eduardo Sanchez, M.D., M.P.H., FAAFP Chief Medical Officer for Prevention for the American Heart Association "High Tech/High Touch: The Possibilities of a New Duality" Introduced by: Dr. Susan Fenton, UTHealth - Houston
10:00 - 10:15 AM	**Break**
10:15 - 12:00 PM	**Focus Session: Leveraging Data for Health Care Insights** Dr. Jorge Rodriguez Fernandez, University of Texas Medical Branch & Dr. Mari Tietze, UT Arlington Our Battle Against Technostress, Burnout, and Documentation Proliferation in Healthcare Ana Aleksandric & Anisha Dangal, UT Arlington Analyzing the Stance of Social Media Posts on Abortion Considering State-level Health and Social Compositions Serenity Fanene, UT Arlington Addressing Overdose Cases with Relation to Drug Use and Mental Health in Harris County, TX Morgan Foreman, UTHealth - Houston Applying Socio-Ecological models: Digital Development for Black Pregnant Moms

	Dr. John Robert Bautista, UT Austin Teaching Data Analysis, Visualization, and Reporting in Public Health Informatics Dr. David Gibbs, Texas State University, Dr. Parvinder Parmar, Baylor Scott & White Health & Dr. Mari Tietze, UT Arlington Get'em While They're Young: Kick-starting the health informatics student pipeline in high schools Dr. Robert Turer, UT Southwestern Trends of Real Time Patient Portal Use Among Emergency Department Patients: An SAEM Informatics Collaborative Report Moderated by: Dr. Chris Lehmann, UT Southwestern
12:00 - 1:15 PM	**Lunch and Networking** **Birds of a Feather Session** Dr. Mikyoung Lee & Dr. Laurie Long, Research Working Group Discussion Topic: Unveiling Pathways: Collaborative Exploration of Social Determinants for Health in Health Informatics Dr. OluwaKayode Olupinyo, Policy & Standards Working Group Discussion Topic: Barriers to Electronic Health Information in Texas Hosted by: THIA Working Groups
12:30 - 1:15 PM	**Poster Session** Hannah Affleck, UT Arlington Examining perspectives of mHealth intervention methods in racially minoritized women Aarti Darji, UT Arlington Multimodal Pathology Image Search Dr. Estefanie Garduno-Rapp, UT Southwestern Building and Deploying a Cloud Environment for Hosting Custom Application Development Services within an Academic Tertiary Center Dr. Melody Greer, University of Arkansas for Medical Sciences Measuring Social Determinants of Health Data Quality in the Electronic Health Record Rakshita Kota, UT Austin Promoting the Field of Health Informatics Through the Health Informatics Organization Sun Won Min, UT Southwestern Combatting "deaths from a thousand clicks" one workflow at a time Jhoceline Moza, UT Arlington A geolocation analysis of Hispanic women who participated in an online survey study about digital health.

	Jorge Zamora, Methodist Healthcare Healthcare-Associated Infections (CAUTI and CLABSI) Prevention Using QR Code for Bundle Audits
12:30 - 1:15 PM	**Exhibitor Hall** UT Southwestern Medical Center - Clinical Informatics Center UT Health Houston - D. Bradley McWilliams School of Biomedical Informatics University of Texas at Arlington - College of Nursing and Health Innovation University of Texas at Arlington - Multi Interprofessional Center for Health Informatics
1:15 - 2:15 PM	**Panel Session: Artificial Intelligence and Machine Learning: The Health Disparities Dilemma and Practical Solutions** **Panelists & Topics:** Monica Coley, DHI, MPH, Health Informaticist and Sr. Business Development Manager for Amazon Web Services The Health Disparities Dilemma with Artificial Intelligence and Machine Learning Xiaoqian Jiang, PhD, Associate Vice President of Medical AI and Christopher Sarofim Family Professor, The University of Texas Health Sciences Center at Houston, D. Bradley McWilliams School of Biomedical Informatics Technology Solutions for Mitigating Algorithmic Unfairness and New Challenges Kirk Roberts, PhD, Associate Professor, The University of Texas Health Sciences Center at Houston, D. Bradley McWilliams School of Biomedical Informatics Organizational Bias and Federated Learning for Machine Learning Models Michael Conward, PhD, Chief Technology Officer and Founder, MyLUA Health Advancing Health Equity: Real World Application of AI/ML for Maternal Care Moderated by: Dr. Monica Coley, Amazon Web Services
2:15 - 2:30 PM	**Break**
2:30 - 3:30 PM	**Lightning Talks: Health Data in Action: A Look at Six Innovative Projects** Shannon Shiffer, UT Southwestern Worth the Weight: Improving Insight into Surgical Weight Loss Dr. Sudeepa Bhattacharyya, Arkansas State University Addressing Colorectal Cancer Prevalence and Screening Disparities in Arkansas: A Computational Framework Towards Targeted Personalized Jorge Zamora, Methodist Healthcare Health Data Literacy Advancement: Leveraging Education, Informatics Partners, and Technology Elizabeth Gonzalez, UT Southwestern Reducing Nursing Documentation and Empowering Patients Through the Use of Patient Entered Questionnaires

	Dr. Prerna Dua, Louisiana Tech University A Machine Learning Approach for Prediction of Cancer Outcomes with Determined Smoking Status Tanvi Ingle, UT Southwestern Early Detection of Sepsis Model to Broadly Predict Patient Mortality Dr. Shakera Moreland, HIM Concierge Services & Dr. Mari Tietze, UT Arlington Progress on Evidence-based Recruiting for AI and ML Talent: Career Identification Moderated by: Dr. Gabriela Wilson, UT Arlington
3:30 - 4:30 PM	**Closing Keynote** Maria E. Fernández, PhD Vice President of Population Health and Implementation Science Co-Director, UTHealth Houston Institute for Implementation Science Lorne Bain Chair of Public Health and Medicine Professor, Department of Health Promotion and Behavioral Sciences Director, Center for Health Promotion and Prevention Research UTHealth - Houston School of Public Health "Implementation science and Health Informatics: Partnership for promoting equity" Introduced by: Dr. Susan Fenton, UTHealth - Houston
	Closing Remarks Dr. Susan Fenton, UTHealth - Houston
4:30 - 5:00 PM	**Reception**