

Midwest Public Health Innovation and Research Expo  
 University of Nebraska Medical Center, College of Public Health  
 Friday, November 3, 2022

Co-sponsors University of Nebraska-Lincoln's Institute for Agriculture and Natural Resources  
 Great Plains IDEA-CTR

**MCPH, 3rd floor** All presentations will be held in MCPH 3013 except as noted  
 8:15 AM 8:45 AM Continental breakfast

Session 1: Forging Collaboration Across Disciplines						
Chair: Eleanor Rogan, EAOH						
9:00 AM	9:15:00 AM	Ali Khan		Welcome	Dean, College of Public Health (COPH)	University of Nebraska Medical Center (UNMC)
9:15:00 AM	9:30:00 AM	Derek McLean		Welcome and how we work together	Dean, Institute of Agriculture and Natural Resources	University of Nebraska-Lincoln (UNL IANR)
		Research "Slam"		Get to know IANR		
		Amy T. Desaulniers		Physiological effects of atrazine on swine: implications for agriculture and human health	Assistant Professor of Reproductive Physiology, School of Veterinary Medicine & Biomedical Sciences	UNL IANR
9:20:00 AM	10:20:00 AM	Chris Gustafson		Using choice process variables to understand consumer food choice behavior in complex environments	Associate Professor of Behavioral Economics & Health Disparities, Agricultural Economics	UNL IANR
		Elizabeth VanWormer		Interface of humans, animals, and the environment	Associate Professor, School of Veterinary Medicine & Biomedical Sciences, Director of One Health	UNL IANR
		Roma Subramanian		Substance abuse in rural Nebraska	Associate Professor of Communication, College of Communication, Fine Arts and Media	University of Nebraska at Omaha

10:20:00 AM 10:30:00 AM Coffee Break

Session 2: Public Health Equity and Disparities in Healthcare						
Chairs: Edward Peters, EPI, and Stacey Coleman, Dean's Office						
10:30:00 AM	10:55:00 AM	Robin Lally		What are we doing about cancer-health disparities and inequities? Review of two local implementation studies	Bertha L. Pankratz Professor of Nursing, College of Nursing	UNMC
10:55:00 AM	11:15:00 AM	Athena Ramos		Cattle Feedyard Worker Health Study	Associate Professor of Health Promotion, COPH	UNMC
11:15:00 AM	11:45:00 AM	Qingzhao Yu		Inference on Moderation Effect with Mediation Analysis--Application to Explore the Trend of Racial Disparity in Oncotype DX Test for Breast Cancer Treatment	Interim Associate Dean for Research, School of Public Health	Louisiana State University Health Sciences Center at New Orleans
11:45:00 AM	12:00 Noon	Stacey Coleman		Panel Discussion with introductory comments from Stacey Coleman; other panelists are Drs. Lally, Ramos, and Yu	JEDI Manager, COPH	UNMC

12:00:00 PM 1:00:00 PM Lunch

Session 3: Poster Presentations						
Chair: Dana Verhoeven, HSRA						
Poster #	First Name	Last Name	Affiliation	Presentation Title	Co-author(s)	
1	Grace	Mabiala-Maye	COPH HSRA	Food Insecurity and Child Development in Nebraska: The Role of Income, Home Learning Environment, and Family Socio-Demographic Factors	Abbie Raikes, Marcus Waldman, Katelyn Hepworth	
2	Maria	Mickles	COPH HSRA	Examination of the National Cancer Institute's Comprehensive Cancer Centers' Survivorship Program Websites	Dana Verhoeven	
3	Aatiya	Ahmad	COPH HSRA	Examining conflicts between multidisciplinary teams in cancer care	Dana Verhoeven	
4	Todd	Wyatt	COPH EAOH	Triple-hit model of alcohol, zinc deficiency, and cigarette smoke exposure impairs lung inflammatory and immune responses	K. L. Bailey, D. R. Samuelson, and D. L. Knoell	
5	Runqiu	Wang	COPH BIO	Controlling FDR in selecting group-level simultaneous signals from multiple data sources with application to the National Covid Collaborative Cohort data	Ran Dai, Hongying (Daisy) Dai, Cheng Zheng	

6	Kyei Baffour	Afari	COPH BIO	Performance Comparison of Imputation Methods for Mixed Data Missing at Random with Small and Large Sample Data Set with Different Variability	Dr Christiana Lewis Nicole
7	Juliana	Monono	COPH EPI	Understanding Perceptions of Tick-Borne Disease (TBD) Risk and Prevention in Agricultural Operators and Their Healthcare Providers in the Plains States	Dr. Joseph Fauver
8	Hanh	Pham	COPH BIO	Adoption of Vaping Cessation Methods by U.S. Adolescent E-cigarette Users	Hongying Daisy Dai PhD, Pham Hanh BS, Nick Guenzel PhD, Mathuri Morgan BS, Ellen Kerns PhD, Jonathan P. Winickoff MD, MPH, Ran Dai, Dr. Anna Lokshin
9	Apu Chandra	Das	COPH BIO	Stability Selection Ensemble Learning Framework for Identifying Biomarkers for Early Cancer Detection	Ran Dai, Dr. Anna Lokshin
10	Jiani	Zhang	COPH BIO	Effects of parity and other reproductive factors on breast cancer risk and age at diagnosis	Su Chen
11	Amber	Brown Keebler	UNMC College of Medicine	Financial toxicity among patients with rheumatoid arthritis and non-inflammatory rheumatic conditions	Kaleb Michaud, PhD and Sofia Pedro, MS
12	Vaibhavi	Mone	COPH HSRA	Sociodemographic Variability in Telehealth Utilization Among Older Adults During The Covid-19 Pandemic	Jungyoon Kim, Hongmei Wang, Paul Estabrooks, and Jane Potter Tzeyu Michaud PhD, George Johnson MSPH, Kathryn E. Wilson, PhD, Gwenndolyn C. Porter, PhD, Paul A. Estabrooks PhD
13	Cleo	Zagurski	Creighton University	Reach and weight loss of comparison group participants that engaged in the active intervention following a diabetes prevention trial	Wilson, PhD, Gwenndolyn C. Porter, PhD, Paul A. Estabrooks PhD
14	Ikenna	Orji	COPH EAOH	Effects of Highways and Local Activities on the Physicochemistry of Groundwater in Owerri, Imo State, Nigeria	Dr. Dike Ogbuagu, Dr. S.M.O. Akhionbare

#### Session 4: Special Topic Breakout Sessions

12:00:00 PM	1:00:00 PM				
Room 1: MCPH 3009	Co-Chair	Jesse	Bell	Integrating Public Health into Agriculture and Natural Resources	COPH EAOH
	Co-Chair	Derek	McLean		UNL IANR
Room 2: MCPH 3011	Chair	Danielle	Thies	Global Health and Student Engagement	COPH Center for Global Health and Development

#### Session 5: Research Innovation

<b>Chair: Ronnie Horner, HSRA</b>					
1:00:00 PM	1:20:00 PM	Cheryl	Beseler	Trajectories in exposure to discrimination among US adults during the COVID-19 pandemic	Associate Professor of Environmental, Agricultural and Occupational Health (EAOH), COPH UNMC
1:20:00 PM	1:40:00 PM	JY	Kim	BEAT Cancer: A Cross-Sectoral Partnership to Improve Cancer Prevention among African Americans	Assistant Professor of Health Services Research & Administration, COPH UNMC
1:40:00 PM	2:00:00 PM	Todd	Wyatt	Triple-hit model of alcohol, zinc deficiency, and cigarette smoke exposure impairs lung inflammatory and immune responses	Professor of Internal Medicine, Division of Pulmonary, Critical Care, Sleep & Allergy, College of Medicine, and EAOH, COPH UNMC

#### Session 6: Student Research and Award Ceremony

<b>Chair: Daisy Dai, Dean's Office</b>					
2:05:00 PM	2:20:00 PM			COPH student Chambers Fellowship	EPI, MPH UNMC
		Taylor	Clarkson		
2:20:00 PM	2:25:00 PM			COPH student application for NIH F31 funding	EPI, Doctoral UNMC
		Louis	Fok		
2:25:00 PM	2:35:00 PM			COPH Student Research Conference awardees	HP, Doctoral HSRA, Doctoral UNMC UNMC
		Rishad Vaibhavi	Ahmed Mone		
2:40:00 PM	3:15:00 PM	Daisy	Dai	<b>Awards Presentations</b>	Associate Dean of Research and Professor of Biostatistics, COPH UNMC
		Chambers Fellowship		Taylor Clarkson, EPI	
		Student Research Conference		Student Research Conference awardees	
		COPH Faculty Research Awards		Risto Rautiainen, PhD (Leadership Award), and Ran Dai, PhD (Rising Star Award)	
		PHIRE Poster Awardees		TBD	
				<i>Reception following</i>	