

ADVANCING SOCIAL SCIENCE RESEARCH:



A WORKSHOP SERIES ON AI, LLMS, AND COMPUTATIONAL METHODS



FEBRUARY 20 | 12-1:30PM | PUP 438

“Social Network Analysis:
Building Web-Based Applications
for Experiential Learning”

Dr. Steve McDonald
Professor of Sociology
NC State University



FEBRUARY 27 | 12-1:30PM | PUP 438

“A City in Motion: How Everyday Routines
Channel and Control Crime in Baltimore”

Dr. Brian Soller
Associate Professor of Sociology
UMBC



APRIL 10 | 12-1:30PM | PUP 438

“Geospatial Analysis: Integrating GIS, R,
and GeoAI”

Krishna Mummadi
CS3 Graduate Assistant
GES Graduate student, UMBC



**APRIL 14 | 2-4PM | WALKER AVE
SUITE 130 (HYBRID)**

“Foundations of Large Language Models”

Dr. Josephine Namayanja
Executive Director iHARP, UMBC



Rhoda Nankabirwa
iHARP Research Assistant
UMBC Ph.D. Student



APRIL 29 | 12-1:30PM | WEBEX

“Evaluating LLMs for Credible and
Rigorous Social Science Research”

Dr. Michael Overton
Associate Professor of Political Science
and Public Administration
University of Idaho



MAY 6 | 12-1:30PM | PUP 438

“ML Models for Causal
Inference Analysis + HPC”

Dr. Eric Stokan
Director, CS3
Associate Professor of Political Science
UMBC



Roy Prouty
Assistant Director for Research
Computing, DoIT
UMBC Ph.D. Candidate
Computer Science, CSEE



Sai Vikas Amaraneni
iHARP Research Assistant
UMBC Ph.D. Student

The Center for Social Science Scholarship is pleased to present this workshop series on generative AI, LLMs, and computational social science methods.

Featuring several speakers throughout this academic year, each session will be focused on familiarizing faculty and students with deploying AI and LLM models in their research, with a deeper understanding of the ethical, equity, and environmental consequences of these models.

This series is being supported through the Elkins Professorship.



**ARTIFICIAL
INTELLIGENCE**

Registration is required. Hosted by the Center for Social Science Scholarship, and cosponsored by the Division of Information Technology, the Center for Scalable Data and Computational Science, and CGC-SCIPE.

www.socialscience.umbc.edu

