

Spatial Dimensions of Opioid Risk Environments

Virtual Workshop Series - Summer 2021

The JCOIN MAARC Spatial Program at the University of Chicago recently launched the **Opioid Environment Policy Scan (OEPS)**, a data warehouse providing access to data at multiple spatial scales (Census tract, zip code, county, state) to help characterize the multi-dimensional risk environment impacting opioid use in justice populations across the United States.

This **three-part workshop series** is designed to help researchers, analysts, and practitioners develop stronger spatial data analytic and visualization skills. We will introduce basic spatial analytic functionalities using open source tools, mainly in R and GeoDa, using applied examples for mapping and analyzing the opioid risk environment.

Registration is free and open to the JCOIN community. See below for more details and registration.

All workshops will be led by staff at the Healthy Regions & Policies Lab at the Center for Spatial Data Science at University of Chicago. Please contact [Susan Paykin](#) with any questions.



CME Accreditation and Credit Designation

Physician Credit

The University of Chicago Pritzker School of Medicine is accredited by the Accreditation Council for Continuing Medical Education to provide continuing medical education for physicians.

The University of Chicago Pritzker School of Medicine designates this live activity for a maximum of 1.5 *AMA PRA Category 1 Credits*[™]. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

Other Health Professional Credit

Other healthcare professionals will receive a Certificate of Participation. For information on the applicability and acceptance of Certificates of Participation for educational activities certified for *AMA PRA Category 1 Credit*[™] from organizations accredited by the ACCME, please consult your professional licensing board.

Introduction to Spatial Analysis for Opioid Environments

Wednesday, June 30, 2-3:30pm CST

[Register via Zoom](#)

This workshop will introduce participants to the Opioid Environment Policy Scan (OEPS), a database to help characterize the multi-dimensional risk environment impacting opioid use in justice populations at multiple spatial scales across the United States. We will provide an overview of the OEPS and risk environment model, introduce key concepts in spatial data analysis, and generate simple maps.

Instructor: Susan Paykin, Senior Research Specialist, Center for Spatial Data Science at University of Chicago

Geocoding & Integrating Community Data

Wednesday, July 21, 2-3:30pm CST

[Register via Zoom](#)

This workshop will introduce open source methods for geocoding MOUD resource locations and other address data, integrate community characteristics data using geographic identifiers, and generate maps for exploratory analysis. *Due to the interactive nature of this workshop, registration is limited to 20 JCOIN members involved with hands-on analyses.*

Instructor: Marynia Kolak, PhD, Assistant Director of Health Informatics, Center for Spatial Data Science at University of Chicago

Developing Spatial Access Metrics

Wednesday, August 25, 2-3:30pm CST

[Register via Zoom](#)

This workshop will teach how to conduct a nearest resource analysis for MOUD resources at the community level, calculate minimum distance access metrics, and generate maps overlaying resource locations and access metrics for further analysis. *Due to the interactive nature of this workshop, registration is limited to 20 JCOIN members involved with hands-on analyses.*

Instructor: Qinyun Lin, PhD, Postdoctoral Scholar, Center for Spatial Data Science at University of Chicago