



COHORTS FOR ENVIRONMENTAL EXPOSURES AND CANCER RISK (CEECSR)

2025 Annual Meeting Summary

Thursday, December 4 – Friday, December 5, 2025

University of Michigan – 4th floor Palmer Commons, 100 Washtenaw Avenue, Ann Arbor, MI 48109

General Overview: The CEECSR Annual Meeting took place this year December 4-5, 2025, in Ann Arbor, MI at the University of Michigan, Ann Arbor - home base for the MI-CARES study team. This year's meeting theme was **“Maximizing the Value of CEECSR Research through Data, Collaboration, Linkages, and Continued Consortium and Participant Engagement.”** The meeting was structured as a comprehensive two-day event designed to facilitate collaboration, knowledge sharing, and strategic planning among participants involved in environmental exposures and cancer research within the CEECSR consortium. The agenda was divided into various sessions, including plenary presentations, breakout discussions, networking opportunities, and collaborative working groups, all aimed at advancing research goals and fostering participant and community engagement.



CEECSR members and guests at the CEECSR Annual Meeting 2025

Quick Stats:

The CEECSR 2025 Annual Meeting was held at the University of Michigan 4th floor Palmer Commons, 100 Washtenaw Avenue, Ann Arbor, MI 48109

- 1.5 Day meeting December 4 – 5, 2025
- 43 in person attendees, and 33 virtual via Zoom
- Total speakers: 22 (including moderators and presenters)
- Day 1 (December 4): 10 sessions including welcome remarks and introductions from Michigan, NIH, the CC and the cohorts, presentations from the CC, cohort studies, and NCI Connect, and breakout sessions on recruitment and retention (3) and on advancing harmonization and science (2)
- Day 2 (December 5): 6 sessions including an opening presentation, paper idea talks from each cohort (4), parallel paper working time alongside a community outreach and engagement session followed by, a large group debrief and a wrap up discussion about future directions.

Goals of the CEECSR Annual Meeting and How They Were Addressed:

- 1) Continue to foster a shared community culture of trust, collaboration, and engagement across the CEECSR consortium.
 - o The hybrid setting for the meeting, informal mixer, social event, inclusion of moderators and speakers across the consortium, and dedicated networking sessions on both days facilitated relationship-building among participants, promoting trust, collaboration and engagement across the consortium.



- 2) Advance research in support of CEECSR's goals by sharing preliminary data and moving forward with collaborative papers and grant applications.
 - o Presentations on harmonization efforts, sharing preliminary data, and planning for collaborative papers and grant applications directly supported the goal of advancing research and data integration within the consortium.
- 3) Work together to overcome challenges surrounding recruitment and retention of participants.
 - o Breakout sessions on recruitment and retention strategies, along with discussions on building new cohorts and community outreach, addressed challenges related to participant recruitment and retention.
- 4) Provide networking opportunities for attendees.
 - o The structured sessions, including community outreach and engagement discussions, working groups, and social events like the mixer and bowling, created multiple opportunities for networking, resource sharing, and community involvement.

DAY 1 Overview: Attendees were invited to join an informal mixer the evening prior to day 1 of the meeting, providing attendees with an opportunity to network in a relaxed setting. The morning of day 1 featured welcome remarks, and introductory sessions where participants introduced their research teams. Each cohort study in CEECSR also provided updates on science currently being conducted in their groups highlighting any key or emerging findings to date. The core of the first day focused on setting the stage for collaboration, with presentations on harmonization efforts across the consortium, sharing preliminary data, and discussing scientific progress. The CEECSR Coordinating Center provided an overview for meeting attendees to understand our harmonization work so far in the CEECSR consortium, which gave usable context for the breakout group discussion and for the consortium moving forward with collaborative projects. Each participant was provided with a CEECSR overview handout that outlined each CEECSR cohort study and provided information on their exposures and outcomes of interest as well as areas of overlap across the consortium. Breakout sessions allowed participants to delve into specific topics related to recruitment and retention and advancing harmonization and science with a focus on biomarkers and exposures and outcomes. Bhramar Mukherjee, MPI for the MI-CARES cohort also provided a presentation on mixture methods and their applications for CEECSR. The day concluded with a presentation by Rena Jones on the use of environmental exposure data in the CONNECT study followed by questions from the group, a wrap up of the day provided by Kristen Malecki of the CEECSR Coordinating Center, and later a bowling social event hosted by the MI-CARES team.

DAY 2 Overview: Kristen Malecki, MPI from the Coordinating Center began the second day with a presentation on air pollution and social determinants of health in the CEECSR Consortium. The second day continued with sessions dedicated to working on collaborative cohort paper ideas, and community outreach and engagement. These included discussions on building new cohorts, integrating exposomic data in CEECSR, using social determinants of health to advance cancer and environmental research, and the incorporation of wristbands in large cohort studies. Parallel working sessions provided opportunities for writing teams to dive into these ideas for collaborative papers, share progress, and plan future action steps, while meeting attendees who work to advance community outreach and engagement had a chance to connect, share experiences and provide one another with available resources in their own dedicated session. The day wrapped up with a debrief, planning for next steps for the CEECSR consortium, and surprise awards from the Michigan team. Overall, the agenda was designed to promote active participation, foster collaborations, and strategize on overcoming research challenges, with a strong emphasis on harmonization, community involvement, and future research directions. The consortium is excited to work more with air pollution and water quality data. Also, using social determinants of health to learn more about the relationship between environmental exposures and cancer risk.

Action Items:

- The Coordinating Center will share meeting evaluation survey results and a summary with the NIH team



- The Coordinating Center will work with the consortium to update the collaborative questionnaire with emerging areas of interest in environmental exposures like GLP-1s
- The Coordinating Center will help with methylation data harmonization within the harmonization working group
- 10KFS and MI-CARES are interested in collaborating on Radon
- 10KFS is working on drafting a concept proposal for a wristband paper (presented idea at the annual meeting)
- The Coordinating Center will work with the Michigan team and others interested in building a new cohort descriptive paper (potentially 2 papers one about recruitment and the other about data collection/survey administration)
- The Coordinating Center will work with the cohorts on available water monitoring data, drinking water data, descriptive look for what is available on filtration, contributions from older homes and how we could apply this to CEECR (the Geospatial Working Group will continue to work on air pollution and SDOH, but will prioritize a common approach to using water quality data this year)
- The Recruitment and Retention Working Group will continue to meet regularly to provide an open forum for troubleshooting challenges and to provide resources with each other
- There is interest in using statistical mixed methods approaches to potentially create a synthetic cohort that would allow data to be combined across cohorts to potentially create datasets that allow for information about environmental exposures across a lifespan or to allow for the sharing of deidentified datasets without sharing private health information from CEECR participants.
- There is interest in furthering the work with CDC PLACES data and seeing how PLACES data compares to the data being collected in the CEECR cohorts
- The STRIVE team would like to share their SDOH resources at Duke University with the consortium as appropriate