



July 26, 2022

ACC-LRI issues new request for research proposals

“Improving the Quality of Analytical Frameworks, Underlying Data, Indexes, and Analysis Methods Used in Environmental Justice (EJ) Assessments”

The request for research proposals (RfP) can be found [here](#).

ACC envisions that the successful RfP applicant will form a multi-disciplinary team to conduct a transparent and comprehensive research effort to accomplish the following Research Objectives:

- Research Objective 1. Evaluation of the analytical frameworks used for EJ assessments (i.e., how EJ assessment hypotheses have been framed, the scope of the assessments and choices of study design approaches) and development of recommendations for improvements, including identifying possible alternative novel approaches.
- Research Objective 2. Inventory the metrics (the raw underlying data as well as composite indexes formed from that data) of chemical and non-chemical stressors, and adverse health impacts/outcomes currently being used for EJ assessments. To include characterization of quality (i.e., understanding of causality, completeness, accuracy, relevancy, timeliness, validity, consistency and any quantifiable uncertainty), identification of any important missing measures (e.g., either ones that may be better alternatives to those currently in use or other potentially important risk factors for adverse health impacts/outcomes not currently used), and development of recommendations for improvements that could be made, including additional research that could be done to close any identified gaps.
- Research Objective 3. Evaluation of the analytical methods used in EJ assessments and development of recommendations for improvements, including identifying possible alternative novel approaches.
- Research Objective 4. Review, analysis and discussion of each of the recommendations included in the list of recommendations in EPA’s [draft white paper “Cumulative Impacts: Recommendations for ORD Research”](#) January 2022) that relate to research objectives #1, #2 and #3 above. As part of this activity, investigators should also put forward & discuss additional recommendations they may have on cumulative impact assessments for EJ evaluations.

Proposals must be received electronically by the ACC no later than close of business on October 28, 2022.

The Project Plan section must be no longer than 15 pages in length, not including literature cited, attachments, and appendices. **All proposals must be prepared using the RfP Proposal Submission Form; see the [RfP for instructions on obtaining this form and for further important proposal development requirements](#) .**

The ACC’s LRI promotes innovations in chemical safety assessment. The LRI program invests in science essential for understanding the impact of chemicals on human health and the environment. You can learn more about ACC LRI more at: <https://lri.americanchemistry.com/>.

The following four principles are the basis of the LRI program and ensure that any funded research meets the highest quality standards:

- **Scientific Excellence.** The best research proposals and most-qualified scientists will be selected for funding.
- **Transparency.** Research will be conducted openly, and the results will be publicly available.
- **Fair and Unbiased Conduct.** Potential conflicts of interest will be rigorously evaluated.
- **Relevance to the Chemical Industry.** Research will address the potential health and environmental impacts of chemicals.

ACC LRI research agreements obligate the contracted researchers to full public disclosure of scientific information developed under or through such agreements. Researchers are contractually obligated to develop and submit manuscripts for open access publication(s) in a peer-reviewed journal.

For further details, please contact Dr. Richard Becker by e-mail or phone (rick_becker@americanchemistry.com; 202-249-6405). Thank you.