

January 31, 2022

RE: RELEASE OF FISCAL YEAR 2022-23 UC-CSU RESEARCH SOLICITATION

Dear University and Community Researchers:

The California Air Resources Board (CARB or Board) has identified its priority research projects for fiscal year 2022-23. The selection of these projects was informed by the Triennial Strategic Research Plan for fiscal years 2021-2024 (Plan) as well as the public comments and concepts collected through the 2021 survey. The Plan was released to the public on March 8, 2021 and can be found on our website:

<https://ww2.arb.ca.gov/resources/documents/triennial-strategic-research-plan-and-research-fiscal-years-2021-2024>. The proposed research projects for fiscal year 2022-2023 were released on December 17, 2021 and can be found as an addendum to the Triennial Plan on the website provided above. The list of projects included in this year's pre-proposal solicitation include the following:

- Expanding Health Analysis: Metabolic and Neurodevelopmental Endpoints (2 projects totaling \$975k)
- Community Engagement and Research Roadmap: Focus on Toxics (\$100k)
- Equitable Commercial Building Decarbonization (\$450k)
- Air Cleaning Devices: White Paper (\$25k)
- Wildfires: Emissions from Burning Structures \$650k
- Linking Volatile Chemical Products and Air Quality (\$200k)

On January 27, 2022, the Board approved the proposed projects. CARB staff are now soliciting pre-proposals from University of California (UC) and California State University (CSU) researchers for the projects described in the enclosed solicitation. This year, we are encouraging UC and CSU researchers to partner with non-academic and/or newer researchers and/or researchers at different universities to submit proposals. Many of the projects are multidisciplinary projects and include equity components, and some require community engagement. Additional details related to the solicitation, including upcoming public meetings for the solicitation, can be found on our website:

<https://ww2.arb.ca.gov/resources/documents/carb-fiscal-year-2022-2023-research-project-solicitation>. In order to foster the development of multidisciplinary research teams, descriptions of the projects included in the solicitation are also posted on the Empower Innovation website: [https:// www.empowerinnovation.net/en/page/help-center-en](https://www.empowerinnovation.net/en/page/help-center-en). Empower Innovation is an online forum that was created by the California Energy Commission, and facilitates partnerships among diverse researchers, entrepreneurs, and community partners. Interested applicants are encouraged to create profiles on Empower Innovation to seek partnerships and form research teams. Multidisciplinary teams will have a higher chance of being awarded the project. If your research team is interested in any of these projects, please submit a pre-proposal to research@arb.ca.gov by 5 p.m. on March 14, 2022. Responses to

this solicitation should follow the template provided on the solicitation website. Briefly, the pre-proposal shall include the following:

1. A pre-proposal that does not exceed five-pages and discusses your proposed approach for conducting the research project. A detailed template is provided on the solicitation website.
2. A curriculum vitae or statement of qualifications for all major scientists, community members and/or non-academic researchers who would be involved in the study.
3. A brief description of research that has been conducted or is currently underway by the applicants in areas related to this topic (it is preferable that this include funding source and amount of research funds).
4. For projects that include an equity component and/or community engagement, it is required that research teams provide a cultural competency statement not to exceed one-page in length. For more information on which projects require this statement and what the statement should include, please see the solicitation website.
5. A preliminary budget. A detailed template is provided on the solicitation website.

These submissions will be used to gauge the extent of interest and available expertise within the UC and CSU systems. If a pre-proposal is selected for further development, you will be notified on April 4, 2022. For selected investigators, an initial full proposal that meets CARB's internal review requirements will be required by Monday April 25, 2022. Funded projects are expected to begin in the late summer of 2022. For additional information on the research program, please visit our website: <https://ww2.arb.ca.gov/our-work/topics/research>. For questions regarding this solicitation, please contact Dr. Sonya Collier or sonya.collier@arb.ca.gov.

Sincerely,



Elizabeth Scheehle

Chief, Research Division