

CAAAC Recommendations Based on the NASEM
Report *Why Indoor Chemistry Matters*
Ad Hoc Subcommittee Progress Report, 9/13/22

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NASEM Task – “summarize the state of the science regarding chemicals in indoor environments”



- Contents
 - Introduction
 - Primary Sources and Reservoirs of Chemicals Indoors
 - Partitioning of Chemicals in Indoor Environments
 - Chemical Transformations
 - Management of Chemicals in indoor Environments
 - Indoor Chemistry and Exposure
 - A Path Forward for Indoor Chemistry
- Sponsors
 - EPA, CDC, NIEHS, Sloan Foundation

<https://nap.nationalacademies.org/catalog/26228/why-indoor-chemistry-matters>

Charge to CAAAC

Provide recommendations on prioritizing the research needs identified by the NASEM in their consensus report: *Why Indoor Chemistry Matters*. Focus on priorities for short term research (1-3 years) that could inform public health guidance and building practices for improving Indoor Air Quality (IAQ) in homes, schools, and commercial and office buildings.

- Full CAAAC or workgroup
- Short term written response (3 to 6 months -- flexible)
- Lead office: ORIA
 - Contact: Laura Kolb at kolb.laura@epa.gov

(Presentation to CAAAC, June 15 by Jonathan Edwards and Laura Kolb)

Ad Hoc Subcommittee

- William Bahnfleth (chair)
Professor of Architectural Engineering, Penn State
- Daniel Greenbaum
President, Health Effects Institute
- Gary Jones
Director of Environmental Health and Safety
Specialty Graphic Imaging Association
- Max Sherman
Senior Scientist (ret.), Lawrence Berkeley National Laboratory
- Support – Margaret Overton and Lesley Stobert, SC&A

Progress to Date

- Three meetings
- First draft report outline
- Currently reviewing all report “recommendation” and “research priority” statements – more than 40
- Plan
 - Identify recommendations responsive to EPA charge
 - Combine, interpret, supplement as necessary into a compact, prioritized set
 - Draft report for full CAAAC review within recommended time frame and prior to next CAAAC meeting