



Green Chemistry & Safer Alternatives Innovation

Grant Recipients

Advancing Green Chemistry

Program Name: Science Communication Fellows Program

Description: The Green Chemistry Science Communication Fellows Program trains emerging science leaders to effectively engage with media and the public about rapidly evolving research at the intersection of environmental health and green chemistry. Fellows leave the program equipped to build strategic collaborations with other researchers, attract vital research funding, provide validity to the need for safer materials, and influence companies and decision makers to adopt the best science for a greener future.

Beyond Benign, Inc.

Program Name: Toxicology for Chemists: Designing Safer Alternatives

Description: The Toxicology for Chemists program will support current and future scientists to better understand molecular hazard and the intentional design of chemical products with reduced hazards through creation of an open source curriculum.

Green Chemistry & Commerce Council (GC3)

Program Name: Amplifying the Impact of the GC3 in Commercializing Green Chemistry

Description: The 125-member GC3 brings together the entire value chain from start-ups to chemical producers, to product manufacturers, brands and retailers to accelerate the commercialization of green chemistry solutions. This investment will leverage over a decade of successful collaborative GC3 programs to significantly grow the impact of the GC3 across global supply chains. Among the areas of focus for this work are development of a three-to-five-year strategic plan, transformation of the organization and its structure, and strengthening the brand and financial model.

Green Science Policy Institute

Program Name: Highly Fluorinated Chemicals (PFAS) in Food Packaging

Description: This project will investigate the prevalence of PFAS in grocery store food packaging. This class of potentially toxic chemicals are known to be used in packaging, but the specifics need further research. We will also estimate the contribution of food packaging to PFAS emissions from landfills. Findings will be documented in peer-reviewed papers followed by webinars and workshops to educate manufacturers and retailers, with the goal of identifying and encouraging the adoption of green chemistry alternatives to PFAS for grocery packaging.

Healthy Babies Bright Futures (HBBF)

Program Name: Solutions for Brighter Futures

Description: Healthy Babies Bright Futures (HBBF) will implement our Solutions for Brighter Futures project to reduce babies' exposure to toxic chemicals during the most vulnerable periods of development: in utero, and from birth to age two. Through HBBF's Bright Cities program, funds will be used both to directly recruit cities and then work with them to identify and implement the potentially most significant safer alternatives programs, and also to increase consumer awareness of the problem and the greener chemistry solutions being used to lower the levels of neurotoxic chemicals in babies.

MaterialWise

Program Name: Safer Alternatives

Description: MaterialWise is a chemical management initiative focused on increasing access to high-quality chemical hazard alternative assessments. With cost-effective, verified, actionable information on a cloud-based platform, MaterialWise removes barriers to informed decision-making for brands and manufacturers helping them to avoid regrettable substitutions. With a focus on high-priority chemistry, we aggregate demand and employ precompetitive cost-sharing to catalyze better chemistry throughout supply chains. We provide a support service and evidence base to other NGOs and industry initiatives seeking to move rapidly toward better chemistry.

The National Academies of Sciences, Engineering and Medicine

Program Name: Environmental Health Matters Initiative

Description: Convened by The National Academies of Sciences, Engineering and Medicine, the Environmental Health Matters Initiative will provide a new forum in which the environmental health community can interact with relevant sectors and disciplines to examine available information and discuss innovative solutions to the nation's most significant environmental health challenges. With the goal to protect human health, participants will work to: identify opportunities where progress can be made, explore the complexity of the challenges, enable the development of holistic and sustainable solutions and provide rapid expert input when crises demand.

Queens College, CUNY

Program Name: Safer Cleaning Awareness Program

Description: The Safe and Just Cleaners Project, a five-year project funded by the National Institute of Environmental Health Sciences research project, is addressing a gap in knowledge by collecting data from Latinx domestic cleaners to assess current knowledge, awareness, work practices and levels of air and skin exposures to potentially toxic compounds contained in common household cleaning product with the goal of changing consumer preferences towards safer cleaning products.

The Sustainability Consortium (TSC) and Forum for the Future

Program Name: Shared Vision for Green Chemistry

Description: The Sustainability Consortium (TSC) and Forum for the Future will leverage their combined expertise in science-based metrics, multi-stakeholder facilitation, and industry-wide membership engagement to create a shared vision and agenda for green chemistry innovation. This vision will act as a common reference point for diverse stakeholders, help to identify solutions to overcome key barriers unique to different supply chains, and provide context for current green chemistry initiatives to enhance transparency and awareness in the market. The ultimate objective of this work is to enable consumer product supply chains to work transparently, and in synergy, towards the common goal of meaningful, systemic solutions for safe, sustainable chemistry.

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