ISRP ORGANIZATIONAL STRUCTURE

The Iowa Superfund Research Program (ISRP) is a highly integrated research center focusing on the sources, exposures, remediation and toxicities of polychlorinated biphenyl (PCBs) congeners found in air.

The integrated nature of the Center across biomedical and environmental science and engineering disciplines has led to vital discoveries. These interdisciplinary successes are made possible by our organizational infrastructure, which enables frequent and regular exchange of ideas, experiments, and data between our projects and cores.

The major goal of the Administrative Core is to maintain a structure that promotes integration of research, enables timely communication and research translation that raises the quality and impact of the center activities, and provides vision and direction to ensure the center's continued success in conducting outstanding research and engaging with stakeholders. The Administrative Core will carry out the following:

- Provide Program Leadership, Direction, Planning, and Coordination
- Provide Administrative Services and Fiscal Support and Oversight
- Provide information dissemination and transfer in cooperation with the Community Engagement and Research Translation Cores
- Foster interactions with NIEHS [2], other Superfund Centers [3], governmental agencies, and communities
Research progress will be assessed through the involvement of the External Advisory Committee[4]. The Community Engagement[5] and Research Translation[6] Cores will function in the information dissemination and transfer functions of the Administrative Core.

Some of the highlights for the Administrative Core in 2018 included:

- Organizing the 10th International PCB Workshop[7] in Krakow, Poland in August. Nearly 300 scientists and regulators, and importantly trainees, from around the globe attended the Workshop. Several members of the ISRP Executive Committee and External Advisory Committee chaired the sessions and presented their research.
- Facilitating collaborative approaches to research and engagement: researchers from the University of Iowa, Kansas University Medical Center, LSU, Iowa State University, Texas A and M, and the University of Louisville pooled their expertise to analyze the results from an aryl hydrocarbon receptor (AHR) knockout rat experiment at the University of Kansas Medical Center.
- Fostering trainee learning and engagement: the ISRP funded six trainees to attend the Superfund Research Program Annual Meeting[8] in Sacramento, CA. Four trainees presented posters and two, Victoria Parker and Eric Uwimana, presented their KC Donnelly research. Three trainees attended the International PCB Workshop. Director Hornbuckle taught a cross-disciplinary course on PCBs.
- Adding new vital data management expertise to the Center by integrating with data management experts from the University of Iowa and by adding a data management expert to the External Advisory Committee. Rachel Woodbrook[9], M.A., MLIS works with researchers to support data management planning and implementation across the research process, with a particular focus on data sharing and archiving. She will be providing guidance as the ISRP embarks on making our data more Findable, Accessible, Interoperable, and Reusable (FAIR).[10]

Keri Hornbuckle, PhD: Program Director (Principal Investigator) and Core Leader

As Principal Investigator of the ISRP and Core leader, Dr. Hornbuckle is responsible for all aspects of the Superfund Project. Dr. Hornbuckle will provide coordination and facilitate interactions among researchers within the program projects and cores.

Mike Duffel, PhD: Associate Program Director

As Associate Program Director of the ISRP, Dr. Michael W. Duffel assists the Director in scientific and administrative oversight of the program and in facilitating effective and timely communication of research findings and interactions among the investigators in the individual projects and cores. He also leads Project 3.
Larry Robertson, MPH, PhD: Associate Program Director

As Associate Program Director of the ISRP, Dr. Robertson assists the Director in scientific and administrative oversight of the program and in facilitating effective and timely communication of research findings and interactions among the investigators in the individual projects and cores. Dr. Robertson served as Program Director for the ISRP for twelve years. Dr. Robertson also leads Project 1.

David Purdy, Program Administrator

David Purdy assists with program management, grant writing, conference coordination, trainee guidance, and interactions with the Superfund Research Program and other Superfund Research Centers.