

Integrated Health Sciences Facility Core (IHSFC)

The EOHSI CRC (known as the Integrated Health Sciences Facility Core of our NIEHS Center, IHSFC) simplifies and encourages translational and interdisciplinary research at the Environmental and Occupational Sciences Institute (EOHSI), which is sponsored jointly by UMDNJ and Rutgers. The IHSFC facilitates bi-directional translation of discovery between animal or other experimental models and clinical research or observational epidemiology. It also promotes and/or expedites transfer of knowledge by providing for interactive discussion, support, review and collaborative and logistical services (e.g., data/tissue sample services) essential to integrative studies. The IHSFC provides the gateway for investigators who wish to test exposure-response hypotheses in EOHSI's controlled inhalation exposure facility (CEF). The principal objectives of the IHSFC are to:

- Assist basic scientists and clinical researchers in the interdisciplinary translation of their models into complementary study platforms (in vitro, animal/in vivo, human);
- Assist clinical researchers in translating Controlled Exposure Facilities (CEF) research into population-based epidemiology or vice versa;
- Facilitate pursuit of public health-oriented human population and epidemiological studies
- Work with investigators to design experiments that fully utilize Center Laboratory and technological capabilities;
- Provide centralized mechanisms for sample acquisition, storage tracking and analysis through the Center's Laboratory Information Management System (LIMS).

Services and Pricing

Initial consultations with Dr. Kipen or Dr. Wartenberg about study desirability, feasibility, and design are free to NIEHS Center members and other investigators. More detailed planning involving experimental staff or nursing time, such as preliminary data collection or analysis, design of controlled exposure studies, IRB work, and other planning are billed at \$50.00 per hour for non-members and are available free to Center members.

The IHSFC provides four coordinated areas of service (1) observational epidemiology; (2) clinical epidemiology and human studies; (3) biological sample management and analysis; (4) animal studies.

Directors of Facility:

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Hours of Operation:

The Investigators and staff of the IHSFC are available and flexible to meet the demands of busy investigators and study schedules.