

Research Translation Core UNC SBRP

Advancing the scientific bases required to understand and reduce risks to human health associated with high priority Superfund chemicals, specifically PAHs and chlorinated hydrocarbons

Frederic Pfaender, Kathleen Gray

Research Translation Components

- Communicate research results to the scientific community and governmental agencies
- Inform local government, community-based organizations, and educators about our research and respond to their needs
- Catalyze the commercialization of research findings

Communicate Research Results

- Publications, web site, seminars
- Partner with Superfund Section in NC Department of Environment and Natural Resources
 - Internship Program
 - Seminar Series
- Region 4 EPA – in development
- Participate in NC Formerly Used Defense Sites Working Group - USACE, EPA, DENR

Inform and Assist Communities

- Develop materials for communities impacted by Superfund sites
- Conduct educational activities for teachers, students and community-based organizations
 - Workshops on water quality and hazardous waste
 - Partnerships with science centers/museums
- Research effective methods of communicating with local governments, community-based organizations and citizens
- Web site and newsletter for lay audiences

Catalyze Research Commercialization

- Technology Development Boot Camp
 - Joint with Training Core and Office of Technology Development
 - Commercialization of patents and copyrights
 - Remediation technology
 - Spatial analysis software
- Local venture capitalists