Training of Clean-Up Workers

- NIEHS has had a worker training program (WTP), providing safety training for emergency responders for 24 years. They were on site within days of the DWH disaster.
- Approximately 100,000 people on the Gulf Coast have been trained by BP or its contractor using NIEHS/WTP materials.
- NIEHS has distributed more than 8,000 “Safety and Health Awareness for Oil Spill Cleanup Workers” guides to frontline responders, instructors, and safety officials.
Assess potential short- and long-term health effects associated with oil spill clean-up.

Cohort of 50,000 workers and controls.

Exposure reconstruction: Evaluate data collected by OSHA, NIOSH, EPA, BP, CG, others.

Community input on protocol, study materials, and recruitment.

Draft protocol for IOM meeting Sept 22 in Tampa.

Implementation October 2010.
National Toxicology Program

• Chemical analyses of oil samples
  – Chemical constituents of source oil.
  – Effects of weathering, biodegradation, time, etc.

• Toxicity testing
  – Fresh and weathered oil, oil/dispersant mixtures.
  – In vitro medium and high throughput screening.
  – In vivo animal toxicology studies.
Extramural Funding (Grants)

- Time-sensitive research opportunities.
  - Open for submissions.
- Consortia
  - In planning with other NIH Institutes. Anticipate Oct 2010 announcement.
  - Multidisciplinary teams of local scientists, community members, health care practitioners.
  - Interrelated projects on health effects, exposure assessment-modeling, resiliency.
  - Community-based participatory research methods.
  - Environmental justice, health disparities.