



Introduction to Computational Toxicology Communities of Practice



RESEARCH & DEVELOPMENT

Building a scientific foundation for sound environmental decisions

Communities of Practice

- Recommended by BOSC to aid in the integration of NCCT with other components of ORD and EPA
- Associations of individuals interested in promoting the utilization of advancements in specific areas of computational toxicology in the mission of the EPA in protecting human health and the environment
- Consistent with earlier intent to develop 'adjunct' and 'associate' type relationships
- Each has a formal charter that is agreed upon by the working members



General Operations

- Technical working groups whose members are involved in the topic area
 - Work by email, teleconference, face to face
 - Organize and sponsor workshops/symposia
 - Produce peer reviewed publications on selected topics
- Membership intended to be cross-organizational within EPA and ultimately inter-organizational
- Goal oriented activities
- Active commitment of effort by members



Range of Common Activities

- Facilitate communication and coordination
 - Exchange information and experiences
- Build Partnerships
- Propose adoption of standards
 - Create consistent standard operating procedures and guidelines
 - Recommend approaches
- Conduct workshops
- Develop appropriate training materials
- Periodically report to ORD Science Council



Communities of Practice

- Chemoinformatics
 - Ann Richard, NCCT; Chris Russom, NHEERL
- Chemical Prioritization
 - David Dix, NCCT
- Biological Modeling
 - Hugh Barton, NCCT
- Cumulative Risk (proposed)
 - Elaine Hubal, NCCT

