

Analytical McElvain Seminar

**Thursday,
October 28, 2010
12:15 p.m.**

**Room 1315
Chemistry**

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and David Schroeder**

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Region 5 Chicago Regional Laboratory, Chicago, IL

US EPA Laboratory System and the Gulf of Mexico Oil Spill: Method Development for Events of National Significance

The US EPA Laboratory structure is comprised of Research and Development, Program and Regional Laboratories that work together to develop solutions for national environmental health issues including Homeland Security. There is a constant need for developing new standardized methods for qualitative and quantitative determination of chemicals of national concern. EPA regional labs are members of the Environmental Response Lab Network and collaborate with other EPA labs as well as state and commercial laboratories during events of national significance. This may involve development of analytical methods rapidly to answer a pressing need. Cases will be discussed that demonstrate the process and relevance of the work. Examples including topics from the Offices of Water, Emergency Response, Research and Development and the recent *Deepwater Horizon* Oil Spill will show cooperation between the EPA, federal agencies, states, academia and industry to address environmental issues.