

# **Perspectives on Hydrofracking: Implications of Shale Gas Extraction for New York State**

**Wednesday, April 10**

**7:30-9:00 p.m.**

**Sloan Auditorium (Goergen 101)**

**University of Rochester**

## **Panelists:**

Dr. Tony Ingraffea, Professor of Civil Engineering, Cornell University  
Dr. Kent Gardner, Chief Economist, Center for Governmental Research  
Beth Kinne, Attorney and Assistant Professor of Environmental Studies,  
Hobart and William Smith Colleges

The event is free and open to the public.  
Parking is free on campus after 7:00 p.m.

The panel will also be live-streamed on the University of Rochester website and archived for future viewing.

Sponsored by the University of Rochester Chapter of Phi Beta Kappa and URMC Environmental Health Sciences Center, Community Outreach and Engagement Core

**Dr. Ingraffea** is the Dwight C. Baum Professor of Engineering and Weiss Presidential Teaching Fellow at Cornell University. His research concentrates on computer simulation and physical testing of complex fracturing processes, including hydraulic fracturing, and fatigue and fracture of high pressure gas pipelines. He holds a BS in Aerospace Engineering from the University of Notre Dame, an MS in Civil Engineering from the Polytechnic University of New York, and received his PhD in Civil Engineering from the University of Colorado/Boulder.

**Kent Gardner** joined the Center for Governmental Research (CGR) in 1991. As Chief Economist, he leads CGR's study of economics and public finance. Dr. Gardner also serves as Chief Research Officer, responsible for ensuring that CGR's work is thoughtful, reliable and accessible. With 25 years' experience in state and regional public policy analysis, he supports CGR staff on a broad range of issues, including economics, public administration,

health care and education. He is the immediate past President of the national Governmental Research Association and currently serves as Secretary. Prior to joining CGR, he was Associate Professor of Economics at Potsdam College of the State University of New York, where he also founded the North Country Economic Research Center. His previous experience includes serving as senior economist for a Saratoga Springs NY-based consulting group. Dr. Gardner holds B.A., M.A. and Ph.D. degrees from the University of Wisconsin at Madison. He served as CGR's President from 2005-2012.

**Beth Kinne** is on the Environmental Studies faculty at Hobart and William Smith Colleges. Prior to joining the Colleges in 2008, Kinne served as an associate attorney at Leavenworth & Karp, P.C. in Colorado, where she negotiated and drafted contracts relating to land use and water law practice. Kinne also served as a law clerk with the Washington State Attorney General in their Division of Natural Resources. Kinne has presented her work in the U.S. and China, and recently organized the Finger Lakes Institute's Environment and Development Conference, which focused primarily on hydrofracking. She holds a B.A. in Biology from University of Virginia, an M.S. in Resource Management and Environmental Studies from University of British Columbia, and a J.D. and LL.M (Asian and Comparative Law) from the University of Washington.