

The Health Implications of **HYDROFRACKING**

UPSTATE MEDICAL UNIVERSITY PUBLIC HEALTH SYMPOSIUM

Wednesday, April 13 | 6:30–8:30 p.m.
Upstate Medical University Campus
Weiskotten Hall, 766 Irving Ave, Syracuse

For more information:
www.upstate.edu/cnymph/grandrounds.php

How unconventional gas development from shale formations can lead to environmental contamination



Anthony R. Ingraffea, PhD,
Cornell University

Dr. Ingraffea is the Dwight C. Baum Professor of Engineering and Weiss Presidential Teaching Fellow in the School of Civil and Environmental Engineering at Cornell University. He is considered a world expert in the field of fracture mechanics for gas and oil extraction and has authored over 200 reviewed papers on this and related fields. He is a noted speaker on hydrofracking and its potential impact on health and quality of life issues.

How environmental contamination can impact human health, the endocrine system in particular



Adam Law, MD, Weill
Cornell Medical College

Dr. Adam Law is currently a clinical assistant professor of medicine and specializes in internal medicine, endocrinology, metabolic medicine, and diabetes in private practice. Dr. Law received his medical degree and doctorate at the University of London did post-doctoral fellowships at the University of California and Cornell. He speaks widely on the threats to human health posed by environmental contamination associated with unconventional gas extraction.

How to monitor groundwater and surface water for contamination



Stephen Penningroth, PhD,
Community Science Institute

Dr. Penningroth is Executive Director and Senior Scientist at the Community Science Institute and Technical Director of the Institute's NYSDOH-certified water testing laboratory and has consulted at several Superfund toxic waste sites. He is the author of a textbook for non-specialists, *Essentials of Toxic Chemical Risk: Science and Society*. He has spoken and consulted widely on water testing near hydrofracking sites.

The potential health effects and other hazards associated with the chemicals used in hydrofracking



Thomas Shelley

Mr. Shelley has research experience in analytical chemistry and was formerly chemical hygiene officer at Cornell University. He is now retired and volunteers with several sustainability-related organizations and has spoken widely on the possible health effects of hydrofracking.

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Directions: Weiskotten Hall is on the Upstate Medical University quad, set back from the street at 766 Irving Ave, just north of the VA Medical Center. There are two parking garages on Irving Ave and some on-street parking. The Medical Alumni Auditorium is on the first floor of the building.

Free and Open to the Public

