

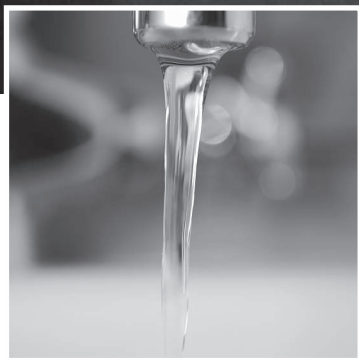
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Sustainability

Clean water solutions for developing countries

Nasrin R. Khalili

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"KlarAqua's three principle missions are to provide household water filters to families in low-income communities, to stimulate local economies, and to offer a curriculum in health education, clean water, and sustainability."

—Nasrin R. Khalili

Most of us in Chicago don't think about where to find clean water from day to day, but millions elsewhere are forced to for their survival. Illinois Institute of Technology faculty member Nasrin R. Khalili led the award-winning KlarAqua IPRO, a project where students developed a low-cost water-filtration system that could be locally produced in Mexico using no electricity, chemicals, or heavy maintenance. KlarAqua was recognized with a \$15,000 first place prize at the 2006 National Idea to Product Competition for its innovative approach to clean water.

Khalili teaches Air and Water Pollution Control, Solid and Hazardous Waste Management, Environmental Risk Assessment, and Environmental Economics at IIT Stuart School of Business. Her main research focuses on the development of cost-effective and highly efficient catalysts for environmental redemption and treatment, and on the design of environmental management systems that emphasize sustainable development.

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