

Media Advisory

Food and water contaminants of ‘emerging concern’

From pesticides in food to pharmaceuticals in waste water, experts focus on use of analytical chemistry to detect newly identified contaminants

BUFFALO, N.Y. - The University at Buffalo is sponsoring an international workshop on new scientific findings in environmental and food safety June 11 and 12 at the Center for Tomorrow on UB's North Campus.

The 13 annual LC-MS Workshop on Environmental and Food Safety focuses on advances in the field made possible with the analytical chemistry technique called liquid-chromatography-mass spectrometry, LC-MS.

“Recent advances in LC-MS instrumentation have led to the detection of previously unknown chemical contaminants of emerging concern, including pharmaceuticals and endocrine-disrupting chemicals that pose detrimental ecological effects in the environment even at very low levels,” said Diana S. Aga, PhD, Henry Woodburn Chair of Chemistry in the Department of Chemistry, UB College of Arts and Sciences. She organized the workshop with Deena Butryn, a doctoral student in the Department of Chemistry.

The meeting, which alternates yearly between the Buffalo/Toronto region and Barcelona, Spain, is sponsored by Cambridge Isotopes Laboratories, Inc.; SCIEX; Wellington Laboratories; Shimadzu; ThermoFisher Scientific; Agilent Technologies and Waters Corporation.

UB's Research and Education in eNergy, Environment and Water (RENEW) Institute supported the keynote speaker, Susan Richardson, PhD, Arthur Sease Williams Professor of Chemistry in the Department of Chemistry and Biochemistry at the University of South Carolina. She will deliver a RENEW distinguished lecture at this event. The goal of her research is to solve human health issues stemming from problems with drinking water. She will give the keynote speech at 8:15 a.m. on June 12.

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Diana S. Aga, PhD, Henry Woodburn Chair of Chemistry
Department of Chemistry, College of Arts and Sciences



WHO: Scientists and researchers from academia, government agencies and industry in the field.

WHAT: Approximately 100 attendees from universities, government agencies and other organizations in the U.S., Europe and Canada will hear presentations on advances in analyzing contaminants in food, water and the environment. **WHEN:** 7:45 a.m. - 6 p.m. June 11 and 7:30 a.m. - 4 p.m. June 12.

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