

## Patricia A. Creed, Research Chemist, in EPA's National Exposure Research Laboratory

Exposure Methods and Measurements Division

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**Area of Expertise:** Extraction and speciation of arsenicals from seafood and seaweed products using IC and ICP-MS; preservation and speciation of arsenicals in drinking waters using IC and ICP-MS; and detection of organotin species using GC and ICP-MS.

### Select Publications:

Wilson, R., P. Creed, T. Pinyayev, L. Wymer, AND J. Creed. Speciation and preservation of CrVI and CrIII in finished drinking water matrices using collision cell ion chromatography-inductively coupled plasma-mass spectrometry. JOURNAL ASSOCIATION OF OFFICIAL ANALYTICAL CHEMISTS. AOAC International, Gaithersburg, MD, 97(3):956-962, (2014).

Creed, J., T. Pinyayev, M. Mantha, P. Creed, J. Trent, E. Yeary, J. Xue, M. Kohan, K. Herbin-Davis, D. Thomas, K. Kubachka, T. Hanley, N. Shockey, D. Heitkemper, AND J. Caruso. Elemental Speciation as an Essential Part of Formulating Exposure Assessments that Support Risk Estimates. Presented at NEMC, San Antonio, Tx, August 05 - 09, 2013.

Creed, J., P. Creed, T. Pinyayev, M. Mantha, J. Trent, E. Yeary, J. Xue, M. Kohan, K. Herbin-Davis, D. Thomas, K. Kubachka, T. Hanley, N. Shockey, D. Heitkemper, AND J. Caruso. The Role of Arsenic Speciation in Dietary Exposure Assessment and the Need to Include Bioaccessibility and Biotransformation. Presented at 245th ACS National Meeting & Exposition, New Orleans, LA, April 07 - 11, 2013.

View more research publications by [Patricia Creed](#).

### Education:

- Ph.D. Chemistry, Miami University, 1998
- B.S. Chemistry, Thomas More College, 1993

### Professional Experience:

- Research Chemist, USEPA, ORD, NERL-MCEARD, Cincinnati, OH 2000-present
- Excepted Service Post Doctoral Research Chemist, USEPA, ORD, NERL-MCEARD, Cincinnati, OH 1998-2000