

BIOGRAPHICAL SKETCH

Provide the following information for the key personnel in the order listed for Form Page 2.
Follow this format for each person. **DO NOT EXCEED FOUR PAGES.**

NAME Christopher Wayne Diehnelt		POSITION TITLE Assistant Research Professor	
EDUCATION/TRAINING (Begin with baccalaureate or other initial professional education, such as nursing, and include postdoctoral training.)			
INSTITUTION AND LOCATION	DEGREE (if applicable)	YEAR(s)	FIELD OF STUDY
University of North Texas	B.S.	1996	Chemistry
Texas A&M University	Ph.D.	2001	Analytical Chemistry
US Environmental Protection Agency	Post-Doc Training	2003-2004	Analytical Chemistry

NOTE: The Biographical Sketch may not exceed four pages. Items A and B may not exceed two of the four-page limit.

A. Positions and Honors. List in chronological order previous positions, concluding with your present position. List any honors. Include present membership on any Federal Government public advisory committee.

1996-1997 Graduate Teaching Assistant, Department of Chemistry,
Texas A&M University, College Station, TX

1997-1999 Instructor's Assistant, Department of Chemistry,
Texas A&M University, College Station, TX

1997-2001 Graduate Research Assistant, Department of Chemistry,
Texas A&M University, College Station, TX

2001-2003 Technical Support Specialist,
Micromass / Waters Corporation, Beverly, MA

2003-2004 Oak Ridge Institute for Science and Education Post-Doctoral Fellow,
US Environmental Protection Agency, Cincinnati, OH

2004-2005 Assistant Research Professor, Center for Biomedical Invention
UT Southwestern Medical Center, Dallas, TX

Present Assistant Research Professor, Center for Innovations in Medicine
Biodesign Institute at Arizona State University, Tempe, AZ

B. Selected peer-reviewed publications (in chronological order). Do not include publications submitted or in preparation.

C.W. Diehnelt, M.J. Van Stipdonk, and E.A. Schweikert, Recoiled Ions from Polyatomic Cluster Impacts on Organic and Inorganic Targets., Nucl. Instr. and Meth. B 142 (1998) 606-611

C.W. Diehnelt, M.J. Van Stipdonk, and E.A. Schweikert, Carbon Cluster Formation from Polymers Caused by MeV Ion Impacts and keV Cluster Ion Impacts. Phys. Rev. A 59 (1999) 4470-4474.

R.D. English, M.J. Van Stipdonk, **C.W. Diehnelt**, and E.A. Schweikert, Influence of Constituent Mass on Secondary Ion Yield Enhancements from Polyatomic Ion Impacts on Aminoethanethiol Self-Assembled Monolayer Surfaces. Rapid Comm. Mass Spectrom. 15 (2001) 370-372.

C.W. Diehnelt, M.J. Van Stipdonk, and E.A. Schweikert, Effectiveness of Atomic and Polyatomic Primary Ions for Organic Secondary Ion Mass Spectrometry. Int. J. Mass Spectrom. 207 (2001) 111-122.

C.W. Diehnelt, R.D. English, M.J. Van Stipdonk, and E.A. Schweikert, Coincidence Measurements in Mass Spectrometry. Nucl. Instr. and Meth. B 193 (2002) 883-890.

C.W. Diehnelt, S.M. Peterman, W.L. Budde, Liquid Chromatography-Tandem Mass Spectrometry and Accurate m/z Measurements of Cyclic Peptide Cyanobacteria Toxins. *Trends Anal. Chem.* 24 (2005) 622-634.

C.W. Diehnelt, N.R. Dugan, S.M. Peterman, W.L. Budde, Identification of Microcystin Toxins from a Strain of *Microcystis aeruginosa* by Liquid Chromatography Introduction into a Hybrid Linear Ion Trap-Fourier Transform Ion Cyclotron Resonance Mass Spectrometer, *Anal. Chem.* 78 (2006) 501-512.

