

**Curriculum Vitae**  
**Kenneth M. Merz Jr.**

**Professional Addresses:**

Department of Chemistry  
Department of Biochemistry and Molecular Biology  
Michigan State University  
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Position: Director, Institute for Cyber Enabled Research (iCER)  
and Joseph Zichis Chair in Chemistry

**Professional Experience:**

Director, Institute for Cyber Enabled Research (iCER), 2013-present

Joseph Zichis Chair in Chemistry, 2013-present

Edmund H. Prominski Professor of Chemistry, 2011-2013

University of Florida Research Foundation (UFRF) Professor, 2011-2013

The University of Florida, Colonel Allan R. and Margaret G. Crow Term Professor, 2009-2011

The University of Florida, Professor of Chemistry and Member, Quantum Theory Project, 2005-present

The Pennsylvania State University, Professor of Chemistry, 1998-2005

Pharmacoepia, Inc., Position: Senior Director of the ADMET R&D Group, 2000-2001

Pharmacoepia, Inc., Position: Senior Director of the Center for Informatics and Drug Design (CIDD), 1998-2000

The Pennsylvania State University, Associate Professor of Chemistry, 1996-1998

The Pennsylvania State University, Assistant Professor of Chemistry, 1989-1996

**Education:**

University of California, San Francisco  
September 1987 to February 1989  
Supervisor: Peter Kollman (Deceased)  
Research: Macromolecular Structure and Dynamics  
Position: Post-doctoral Fellow

Cornell University  
January 1986 to September 1987  
Supervisor: Roald Hoffmann  
Research: Applied Molecular Orbital Theory  
Position: Post-doctoral Fellow

The University of Texas at Austin  
June 1981 to December 1985  
Supervisor: Michael J. S. Dewar (Deceased)  
Research: Applied Electronic Structure Theory  
Degree: Ph. D. in Organic Chemistry

Washington College  
September 1977 to May 1981  
Research: Synthesis of Polysaccharides.  
Degree: B. S. in Chemistry

**Honors and Awards:**

Chair-Elect Computers in Chemistry Division, American  
Chemical Society, 2011-2012

University of Florida Research Foundation (UFRF) Professor,  
2011-2016

Alumni Citation, Washington College, 2011

Fellow of the American Chemical Society, 2010

Visiting Professor, Institute for Research in Biomedicine,  
Barcelona, Spain 2010

ACS Award for Computers in Chemical and Pharmaceutical  
Research 2010

Colonel Allan R. and Margaret G. Crow Term Professor 2009-11

Visiting Professor, École Polytechnique, Paris, France 2009

Visiting Professor, University of Florence, Florence, Italy 2008

Visiting Professor, ETH, Zurich, Switzerland 2007

Visiting Professor, University of Oviedo, Oviedo, Spain 2006

Fellow of the American Association for the Advancement of Science, 1999

Visiting Lecturer, Universite Louis Pasteur, Strasbourg 1998.

John Simon Guggenheim Fellowship, 1996-1997.

Visiting Lecturer, Universite Louis Pasteur, Strasbourg 1996-1997.

Office of Naval Research-Young Investigator, 1990-1993.

National Institutes of Health FIRST Award, 1991-1996.

Visiting Lecturer, University of Firenze, 1992.

Robert A. Welch Predoctoral Fellow, 1982 to 1985, The University of Texas at Austin.

Departmental Competitive Fellowships, Fall 1981, The University of Texas at Austin.

Robert A. Welch Summer Research Fellow, Summer 1981, The University of Texas at Austin.

**Service:**

Member, College of CSR Reviewers 2010-2012

Co-organizer of first Keystone Symposium on computer-aided drug discovery 2008.

Co-organizer, ACS Prospectives Meeting, Advances in Structure-Based Drug Discovery 2007.

Standing member of the MSFA NIH Study Section (2006-2009)

*ad hoc* Reviewer for ZRG1 BCMB-Q Study Section 2005.

Co-organizer, ACS Prospectives Meeting, Advances in Structure-Based Drug Discovery 2005.

*ad hoc* Reviewer for BMT Study Section 2002-3.

Member Advisory Board for the National Center for Supercomputer Applications 2002-04.

Member Peer Review Board for the National Center for Supercomputer Applications 1997-2002.

*ad hoc* Reviewer for BBCA Study Section 1997.

Member MetaCenter Review Panel 1996-2002.

Member Peer Review Board for Pittsburg Supercomputer Center and the National Center for Supercomputer Applications 1994-1997.

Reviewer for major NIH and NSF project grants.

**Editorial Board Memberships:**

Computational Biology and Chemistry: Advances and Applications (2008-present)  
International Journal of Quantum Chemistry (2005-present)  
Computational and Theoretical Nanoscience (CTN) (2003-present)  
Theoretical Chemistry Accounts (2002 – 2005)  
Journal of Molecular Modeling (1997 - present)  
Journal of Molecular Graphics and Modeling (1997-2011)

**Societies:**

Phi Kappa Phi  
American Chemical Society  
American Association for the Advancement of Science  
New York Academy of Sciences  
Biophysical Society  
American Physical Society  
Protein Society