Jianhua Ren

- Member of the Ph.D. qualifying exam committee, 2003-
- Member of the M. S. thesis committee, 2002-
- Faculty advisor for Pre-Optometry Student Club, 2011-present
- Primary contact for chemistry safety building evacuation, since 2012
- Hosted the Profile Day, 2013, 2014, 2015
- In charging of the maintenance (with Professor Sparkman) of the department Mass Spectrometry Facility

Honors and Awards

2014	Faculty Research Lecture Award, University of the Pacific
1998-1999	Purdue Research Foundation Graduate Fellowship
1997	Herbert C. Brown Graduate Research Award, Purdue University
1983-1985	Outstanding Undergraduate Student Awards, Beijing Normal University, 1983, 1984, 1985

Affiliations

American Chemical Society, since1993
American Society for Mass Spectrometry, since 1995
Iota Sigma Pi Honorary Chemical Society
Phi Lambda Upsilon Honorary Chemical Society
Alpha Chi Sigma Fraternity

External grants

1. NSF (CHE-1301505), Conformational effects on the gas-phase acidities of biopolymers", PI, $351,500, September 15, 2013-September 30, 2016.
2. NSF (CHE-1301505-001), Supplemental fund for "Conformational effects on the gas-phase acidities of biopolymers-Conducting infrared multiphoton dissociation (IRMPD) experiments at the FELIX Facility, Radboud University Nijmegen, The Netherlands", PI, $26,790, August 3, 2015-September 30, 2016.
3. NSF (MRI-1531417), "Acquisition of Mass Spectrometry Technology for Teaching and Research", Co-PI (Craig Vierra as the PI), $579,135, August 15, 2015-July 31, 2018
4. NSF Subaward (V14-318-01) "Predicting analyte response in negative ion electrospray ionization" In collaboration with Dr. Christine Hughey, $5167, June 1, 2014-May 30, 2015
5. NSF (CHE-0749737), "Helix conformational effects on the acidities of helical peptides", PI, $330,000, August 1, 2008-July 31, 2012.
6. ACS-PRF (SRF), "H/D exchange properties of cysteine-polyalanine peptides", in collaboration with Dr. Scott Russell, California State University (CSU) at Stanislaus, PI, $8,000, Summer 2007.
7. ACS-PRF(G), "Investigations of Helix Macro-Dipolar Effects on the Gas-Phase Acidity of Helical Peptides", PI, $35,000, March 2006-August 2008.

National and international laboratory user grants (or beam-time grants)

(The user grant supports the users to conduct research and to use the expertise at the host laboratory)

1. FELIX International Facility, Radboud University, The Netherlands, July 2014 and December 2015
2. Molecular Foundry User Facility at the Lawrence Berkeley National Laboratory (LBNL), 2010-present.

Conference Orals and Posters Presented by the Ren's Research Group recent 2 years

1. Patrick Batoon and Jianhua Ren, oral presentation "Conformations and proton affinities of nonproteinogenic oligopeptides studied by MS, IRMPD, and computational methods", 2016

16. Ekram Hossain !uan "ian #ichael Connolly $onald %uckermann& 'ianhua $en, **"**Fragmentation Patterns and Mechanisms of Protonated Peptoids under CID Conditions**",** 62st ASMS Conference on Mass Spectrometry and Allied Topics, Baltimore, MD, June 15-19, **2014**
17. Alec Follmer, Bhupinder Padda and Jianhua Ren, "Computational Studies of the Gas-Phase Acidity and Basicity of Organic Molecules", 2014 National Conference on Undergraduate Research, University of Kentuckey, April 3-5, **2014.**
18. Alec Follmer, Bhupinder Padda and Jianhua Ren, "Computational Studies of the Gas-Phase Acidity and Basicity of Organic Molecules", 26th Northern California ACS Undergraduate Research Symposium, University of San Francisco, May 3, **2014**
19. Justin Nguyen, Jigar Patel and Jianhua Ren, "Manual Synthesis of Polypeptides", 26th Northern California ACS Undergraduate Research Symposium, University of San Francisco, May 3, **2014**
20. Yuan Tian, Chang Liu and Jianhua Ren, "The fragmentation patterns of singly and doubly protonated peptoids", 2014 Conference on Ion Chemistry and Mass Spectrometry, UCLA Conference Center, Lake Arrowhead, California, January 17–29,