Craig A. Kletzing

Education

1989	Ph. D., University of California, San Diego
1983	M.S., University of California, San Diego
1981	B.A., with departmental honors, University of California, Berkeley

Professional Experience

2005-present	Professor, University of Iowa
1996-2005	Associate Professor, University of Iowa
1995-1996	Research Associate Professor, Physics Department and Institute for the Study of Earth, Oceans, and Space, University of New Hampshire
1993-1994	Visiting Scientist, Max-Planck-Institut fuer Extraterrestrische Physik Garching, Germany
1989-1995	Research Assistant Professor, Physics Department and Institute for for the Study of Earth Oceans and Space

Awards

2019	Named Donald A. and Marie B. Gurnett Chair
2011-2019	Named F. Wendell Miller Professor
2008	Regent's Award for Faculty Excellence, University of Iowa
2007	President and Provost Award for Teaching Excellence, University of Iowa
2006	Collegiate Teaching Award, University of Iowa
2000-2003	Faculty Scholar, University of Iowa
1997	Editor's Citation for Excellence in Reviewing, Geophysical Research Letters

Dr. Craig Kletzing holds the Donald A. and Marie B. Gurnett chari in physics and astronomy at the University of Iowa. Dr. Kletzing's research interests lie in the area of experimental space plasma physics, particularly particle acceleration and loss processes in the auroral zone and radiation belts. He also conducts laboratory plasma experiments to verify theoretical models in a controlled setting, has worked on particle transport problems in the magnetosphere and worked on the effects of lightning on the lower ionosphere. He is Principal Investigator for the Electric and Magnetic Field Instrument Suite with Integrated Science (EMFISIS) on NASA's Radiation Belt Storm Probes satellite mission, Co-Investigator on NASA's Magnetospheric MultiScale satellite mission, and Co-Investigator on the Wide-Band Data experiment on the ESA/NASA Cluster mission. Dr. Kletzing was a Co-Investigator (US PI) for the Electron Beam Experiment on the German-Swedish Freja satellite for which he built part of the instrumentation. He has been Principal and Co-Investigator on several sounding rockets and is also the Principal Investigator of a laboratory plasma experiment collaboration with UCLA to test auroral electron acceleration with Alfven waves. Dr. Kletzing has served on the National Research Council's Committee on Space and Solar Physics which provides advice to federal agencies on US space science issues (2000-2004), NASA's Sounding Rocket Working Group, the Geospace Electrodynamic Connections STDT, and NASA's 2005 SSSC Roadmap Committee. He has authored or co-authored more than 290 peer-reviewed publications.