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Education

- 2010 Ph. D. Planetary Geology, Department of Geosciences,
University of Massachusetts Amherst, Amherst, Massachusetts
- 1997 M.S. in Geo-information Science (GIS) with honors
Salem State College, Salem, Massachusetts
- 1993 B.S. in Environmental Geology, Minor in Chemistry
Magna Cum Laude
Salem State College, Salem, Massachusetts

Employment

- Current Adjunct Assistant Professor, Department of Geosciences, University of Massachusetts,
Amherst, Massachusetts
Adjunct Assistant Professor, Introduction to Meteorology, Division of Science, Engineering and
Mathematics, Holyoke Community College, Holyoke, Massachusetts
- 2011-2012 Assistant Professor (full-time, one-year appointment), Department of Natural Sciences,
Worcester State University, Worcester, Massachusetts.
- 2010-2011 Post Doctoral Researcher, University of Massachusetts, Department of Geosciences
Mapping the V-18 Quadrangle of Venus
- 2003-2008 Research Assistant, Planetary Geology, University of Massachusetts Amherst,
Amherst, Massachusetts
- 2004 Meteorology for Middle School Teachers, Department of Education,
University of Massachusetts, Amherst, Massachusetts
- 1996-2002 Assistant Professor of Geographic Information Science
Chair, GIS Technology Department,
Holyoke Community College, Holyoke, Massachusetts
- Fall 1997 Instructor, Introduction to Astronomy, Division of Continuing Education,
Westfield State College, Westfield, Massachusetts
- Spring 1997 Instructor, Introduction to Geology and Oceanography,
Division of Continuing Education, Holyoke Community College,
Holyoke, Massachusetts
- 1994-1996 Visiting Lecturer, Salem State College, Salem, Massachusetts
Weather and Climate Laboratory, Department of Geography
Tutor, Department of Mathematics
- 1995 Visiting Lecturer, Salem State College, Salem, Massachusetts
Physical Geology Laboratory, Department of Geological Sciences

Planetary Research Highlights

Post Doctoral Researcher, mapping a USGS Venus quadrangle V-18, Lachesis Tessara.
Supervisor: Dr. George McGill.

Doctoral Research -Using GIS to study the spatial relationships of putative water-related features on Mars, including geologic mapping and GIS analysis.

Teaching Experience Highlights

Worcester State University

Developed and taught Planetary Geology as well as teaching Physical Geology and Oceanography.

Univeristy Of Massachusetts

Developed methodology for and taught online Meteorology for Middle School Teachers for the Department of Education.

Teaching Assistant for Planetary Geology, Dr. Christopher Condit, Faculty

Holyoke Community College

Six years full-time teaching. Designed and developed GIS program, including courses and curriculum.

Westfield State College

Introduction to Astronomy, Science Department.

Computer Expertise

GIS and Remote Sensing software:

ARCGIS, JMARS, Idrisi, and others

Online Teaching:

WebcCT, Moodle

Desktop Publishing:

Adobe Creative Suite 5: Photoshop, Illustrator, and InDesign