

CURRICULUM VITA

Northern Michigan University

Name: Klett, Mitchell Dean

Rank or Title: Professor

Office Location: Whitman Hall, 190

Employment at NMU: August, 2004

Date of Present Rank: August, 2011

URL: <http://www.nmu.edu>

Date: 2/21/2018

College: College of Professional Studies

Department: School of Education

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GRADUATE FACULTY STATUS

2004-2017 Northern Michigan University, Marquette, Michigan

2013-2015 University of Alabama, Tuscaloosa, Alabama

EDUCATION BEYOND HIGH SCHOOL:

PhD (Major: Science Education/Teacher Education), May 6, 1998, University of Idaho.

[The Effect of Alternative Clinical Teaching Experiences on Pre-Service Science Teachers' Self-Efficacy.]

MAT (Major: Science Education; Minor: Geoscience), December 1989, University of Texas-Dallas

BA (Major: Geoscience; Minor: English Literature), December 1985, University of Texas-Dallas

Certificates:

Teaching Secondary Level Earth Science, Texas Teaching

Secondary Level English, Texas

Global Learning and Observations to Benefit the Environment Trainer Certification

EXPERIENCE:

Teaching and Research

2017-2018 Northern Michigan University, Marquette, Michigan

Professor, Earth Science for Educators (MSED 252)

Professor, Teaching Scientific Concepts (MSED 340)

Professor, Learning Technologies (ED 583)

Professor, The Curriculum (ED 522)

Professor, Improvement of Instruction (ED 541a)

Professor, Educational Assessment and Evaluation (ED 505)

Professor, Seminar in Educational Research (ED 574)

Professor, The Art & Science/Teaching (ED 496/596)

2016-2017 Northern Michigan University, Marquette, Michigan

Professor, Earth Science for Educators (MSED 252)

Professor, Teaching Scientific Concepts (MSED 340)

Professor, Basic Principles of Science (EDSI 561)

Professor, Seminar in Teaching (ED 450)

Professor, Research in Public Administration (PA 500)

Professor, Learning Technologies (ED 583)

- Professor, The Adult Learner (ED 595)
- 2015-2016 Northern Michigan University, Marquette, Michigan
 Professor, Earth Science for Educators (MSED 252)
 Professor, Teaching Scientific Concepts (MSED 340)
 Professor, Research in Public Administration (PA 500)
 Professor, GIS Applications in Public Administration (PA 595)
 Professor, Research in Educational Research (ED 500)
 Professor, Seminar in Educational Research (ED 574)
 Professor, Learning Technologies (ED 583)
 Professor, Freshman Seminar: First Year Experience (UN 100)
 Professor, The Adult Learner (PY 545)
- 2014-2015 Northern Michigan University, Marquette, Michigan
 Professor, Earth Science for Educators (MSED 252) Professor, Teaching Scientific
 Concepts (MSED 340)
 Professor, Proposal Writing (ED 509)
 Professor, Seminar in Classroom Management (ED 541)
 Professor, Learning Technologies (ED 583)
 Professor, Research in Public Administration (PA 500)
 Professor, Research Methods in Education (ED 500)
 Professor, Freshman Seminar: First Year Experience (UN 100)
 University of Alabama, Tuscaloosa, Alabama
 Consultant, Teaching Elementary School Science (CEE-515-815) Consultant,
 Improving Science Instruction (CSE-565-815)
- 2013-2014 Northern Michigan University, Marquette, Michigan
 Professor, Earth Science for Educators (MSED 252)
 Professor, Improvement of Instruction (ED 541a)
 Professor, Seminar in Educational Research (ED 574)
 Professor, Learning Technologies (ED 583)
- University of Alabama, Tuscaloosa, Alabama
 Consultant, Teaching Elementary School Science (CEE-515-815) Consultant,
 Improving Science Instruction (CSE-565-815)
- Western Governors University, Tennessee Consulting Supervisor, Teaching in
 Science
- 2012-2013 Northern Michigan University, Marquette, Michigan
 Professor, Earth Science for Educators (MSED 252)
 Professor, Improvement of Instruction (ED 541a)
 Professor, Seminar in Educational Research (ED 574)
 Professor, Technology Integration (ED 483)
 Professor, Learning Technologies (ED 583)
- 2012 Visiting Professor, University of Texas at Tyler
 Professor, Geology: Oceanography and Meteorology (GEOL 3314)

2010-2011 Northern Michigan University, Marquette, Michigan
Associate Professor, Earth Science for Educators (MSED 252)
Associate Professor, Measurement and Evaluation (ED 505) (Co-Instructor)
Associate Professor, Advanced Earth System Science for Educators (EDSI 595)
(Co- Instructor)
Associate Professor, Advanced Earth System Science for Educators (GC 595) (Co-
Instructor)
Associate Professor, Technology Integration (ED 483)
Associate Professor, Learning Technologies (ED 583)
Associate Professor, Technology Assisted Science Instruction (EDSI 522)

2008-2009, Northern Michigan University, Marquette, Michigan

Associate Professor, Technology Integration (ED 483)
Associate Professor, Laboratories and Demonstrations in Science (EDSI 525)
Associate Professor, Proposal Writing (ED 509) (Developer)
Associate Professor, Earth System Science for Educators (EDSI 595) (Co-
Instructor) Associate Professor, Earth System Science for Educators (GC 595)
(Co-Instructor) Associate Professor, Earth Science for Educators (MSED 252)
Associate Professor, Teaching Earth Science (EDSI 544) Associate Professor,
Effective Teaching of Science (EDSI 521)
Associate Professor, Measurement and Evaluation (ED 505) (Co-Instructor)

2007-2008, Northern Michigan University, Marquette, Michigan

Associate Professor, Technology Integration (ED 483)
Associate Professor, Foundations of Middle School (ED 460)
Associate Professor, Teaching Earth Science (EDSI 544)
Associate Professor, Earth Science for Educators (MSED 252)
Assistant Professor, Seminar in Teaching (ED 450)
Assistant Professor, Measurement and Evaluation (ED 505) (Co-Instructor)

2006-2007, Northern Michigan University, Marquette, Michigan

Assistant Professor, Improvement of Instruction (ED 541a) Assistant Professor,
Technology Integration (ED 583)
Assistant Professor, Educational Psychology (ED 504) (Co-Designer) Assistant
Professor, Measurement and Evaluation (ED 505) (Co-Instructor) Assistant
Professor, Earth Science for Educators (MSED 252)
Assistant Professor, Seminar in Teaching (ED 450)

2005-2006, Northern Michigan University, Marquette, Michigan

Assistant Professor, Laboratory and Demonstrations in Science (EDSI 525)
Assistant Professor, Educational Psychology (ED 504) (Co-Designer) Assistant
Professor, Measurement and Evaluation (ED 505) (Co-Instructor) Assistant
Professor, Technology Integration (ED 483)
Assistant Professor, Modeling in Science (MSED 562) (Co-Instructor) Assistant
Professor, Technology Integration in Science (MSED 522) Assistant Professor,
Earth Science for Educators (MSED 252)
Assistant Professor, Seminar in Teaching (ED 450)

2004-2005, Northern Michigan University, Marquette, Michigan

Assistant Professor, Secondary Science Methods (MSED 350) Assistant Professor, Earth Science for Educators (MSED 252) University of Idaho, Moscow, Idaho
Adjunct Professor On-line: Models of Teaching (EDTE 524)

2003-2004, University of Idaho, Moscow, Idaho

Assistant Research Professor, Models of Teaching (EDTE 524)
Assistant Research Professor, Elementary Science Methods (EDTE 329) Assistant Research Professor, Elementary Science Methods (EDTE 429) Assistant Research Professor, Schools in Context (EDTE 502)
On-line, Topic: Infusing Technology in Teaching (EDTE 504)

2001-2002, University of Idaho, Moscow, Idaho

Assistant Professor, Models of Teaching (EDTE 524)
Assistant Professor, Global Learning and Observations to Benefit the Environment, GLOBE (EDTE 503)
Assistant Professor, Elementary Science Methods (EDTE 329)
Assistant Professor, College Teaching (EDTE 516)
On-line, Topic: Infusing Technology in Teaching (EDTE 504)

2000-2001, University of Idaho, Moscow, Idaho

On-line Facilitator, Topic: Infusing Technology in Teaching II (EDTE 504) On-line Facilitator, Topic: Action Research (EDTE 583)
On-line Facilitator, Topic: Infusing Technology in Teaching (EDTE 504) Assistant Professor, Models of Teaching (EDTE 524)
Assistant Professor, Global Learning and Observations to Benefit the Environment, GLOBE (EDTE 503)
Assistant Professor, College Teaching (EDTE 516)
Assistant Professor, Topic: Earth Systems Science (EDTE 504)
Assistant Professor, Elementary Science Methods (EDTE 444)

2000

Assistant Professor, Introduction to Educational Technology (EDTE 328)
Assistant Professor, Curriculum, Instruction, and Assessment (EDTE 302)

1997-2000 Roosevelt University, Chicago, Illinois

Assistant Professor, Topic: Creating Web-Based Instruction (EDUC 352) Assistant Professor, Methods of Teaching Secondary Science (SEED 322) Assistant Professor, Seminar in Secondary Education (SEED 460)
Assistant Professor, IS, Integrating Technology in Reading (EDUC 495) Assistant Professor, IS, Physics Curriculum Development (EDUC 495) Assistant Professor, Independent Studies in Science Methods (EDUC 395) Assistant Professor, Foundations of Middle School (EDUC 365)
Assistant Professor, Technology in the Classroom (EDUC 354)
Assistant Professor, Secondary Science Methods (EDUC 317)
Assistant Professor, Special Topics: Technology Rich Science Units (EDUC)

1995-1997 University of Idaho-Moscow, Idaho

Instructor, Earth Systems Science (ED 503)
Instructor, Science Methods (ED 404)
Instructor, Elementary Science Methods (ED 444)
Instructor, Secondary Science Methods (ED 477)

1986-1994. Mesquite Independent School District, Mesquite Texas

Dissertation Committees:

Wang, Ze-Yung (summer, 2005) Analysis of Learning Management Systems, PhD

Ophus, John David (summer, 2005) Facilitation of Online Discussion Boards, PhD

Osha, Lara (summer, 2000) The effect of counseling on at-risk students, EdD

Thesis Committees:

Smith, Kimberly (winter, 2018) Biology Education

Bosek, Lawrence (winter, 2017) Information Sharing, Transparency, and E-Governance Among County Government Offices in Southeastern Michigan. Northern Michigan University

Pihalean, Amy E. (winter, 2016) Using a Virtual World for Science Instruction with Fifth and Sixth Grade Students. Northern Michigan University

Smith, Erin R. (winter, 2014) The Ebbinghaus Illusion in Touch as Evidence for the Two Stream Perception-Action Hypothesis. Northern Michigan University

Omen, Auna (fall, 2013) Textbooks vs. Techbooks: The Effectiveness of Digital Textbooks on Elementary Student Motivation for Learning. Northern Michigan University

Jamieson, Grace (summer, 2010) Investigating the Kolb Learning Style Inventory's Ipsative Scores Using Semantic Differential and Likert Scaling. Northern Michigan University

Zerbst, Joseph (summer, 2010) Effects of Research on Upper Peninsula High School Students. Northern Michigan University

Soemthing, Chris, (fall, 2009) Testing the Ramachandran Mirror Box. Northern Michigan University

Jackson, Christopher (summer, 2009) Effects of Teacher-Directed and Student-Centered Instruction on Science Comprehension of Eighth Grade Students. Northern Michigan University

Altobbaum, Grace (summer, 2009) Integrating Art and Science for Middle School Science Achievement. Northern Michigan University

Clement, Elsa (summer, 2009) A Collaborative Action Research Project to Improve Student Achievement by the Implementation of Biology Journaling Notebooks Designed to Address Time, Organization and Motivation Concerns. Northern Michigan University

Hill-Manson, Wendy (fall, 2008) A Collaborative Effort to Improve High School Students' Success via Organized Biology Notebooks. Northern Michigan University

Manninen, Rhonda (winter, 2008) Effects of Problem Solving in the High School Health Occupations Classroom on Confidence and Understanding. Northern Michigan University

Baron, Timothy (fall, 2007) Improving Test Scores in High School Physics Through the use of Journals. Northern Michigan University

Student Research:

Biang, Katie (fall 2014) Conflict Resolution in Early Childhood. Northern Michigan University

Mills, Andrew (fall 2014) Rural Development: Train the trainer, experiential education (T²E²). Northern Michigan University

Workshops (credit):

2010, Summer, Ocean Star Museum use of Drill Rigging: The Offshore Energy Center's Education Outreach Program, Tyler, TX

2010, Summer, Special Topic: Earth System Science, Advanced Inquiry Integration (EDSI 595). Northern Michigan University, Seaborg Center, Marquette, MI

2009, Summer, Special Topic: Integrating Physics, Aligning TEKS Standards. East Texas STEM Center, Mexia, TX

2009, Summer, Special Topic: Earth System Science, Inquiry Integration (EDSI 595). Northern Michigan University, Seaborg Center, Marquette, MI

2009, Spring, Special Topic: Advanced GLOBE protocols. UT-Austin Teacher Research Center, Austin, TX

2008, Winter, Special Topic: Earth System Science (ESS). East Texas STEM Center, Tyler, TX 2007, Summer, Special Topic: Geology of Michigan (EDSI 595). Dickenson Independent School District, Ironwood, MI

2007, Summer. Special Topic: Science Curriculum Bridges (EDSI 595). Escanaba, MI 2006, Summer. Integrating Mathematics and Technology in the classroom, Calculators and Multimedia (EDTE 501). Grangeville, ID

2006, Winter. Special Topic: Environmental Science Curriculum and Development (ED 595). Northern Michigan University, Marquette, MI

2006, Winter. Special Topics: Educational Technology, (ED 595). Northern Michigan University, Marquette, MI

2006, Special Topic: Environmental Science Curriculum, GLOBE (ED 595). Northern Michigan University, Marquette, MI

2006, Winter. Special Topic: Reaching Out (MSED 596). Northern Michigan University, Marquette, MI

2005, Fall. Special Topic: Reaching Out (MSED 596). Northern Michigan University, Marquette, MI

2004, Integrating Technology in the classroom, My eDesk (EDTE 501). McCall Field Camp, McCall, ID

2003, GLOBE: Global Learning and Observations to Benefit the Environment (EDTE 503). McCall Field Camp, McCall, ID

2003, Integrating Technology in the science classroom (EDTE 503). Grangeville High School, Grangeville, ID

- 2002, GLOBE: Global Learning and Observations to Benefit the Environment (EDTE 503). Wallace Elementary School, Wallace, ID
- 2002, GLOBE: Global Learning and Observations to Benefit the Environment (EDTE 503). Pine one-room School House, Pine, ID
- 2002, GLOBE: Global Learning and Observations to Benefit the Environment (EDTE 503). McCall Field Camp, McCall, ID
- 2001, GLOBE: Global Learning and Observations to Benefit the Environment (EDTE 503). Pocatello Community Charter School, Pocatello, ID
- 2001, GLOBE: Global Learning and Observations to Benefit the Environment (EDTE 503). University of Idaho, Moscow, ID
- 2001, GLOBE: Global Learning and Observations to Benefit the Environment (EDTE 503). McCall Field Camp, McCall, ID
- 2001, Lewis and Clark Rediscovery Project, Technology Innovation Grant. Developing Curriculum and Integrating Technology Rediscovering 200 Years of Change (EDTE 503). Portland, OR
- 2000, GLOBE: Global Learning and Observations to Benefit the Environment (EDTE 503). Clearwater Valley High School, Kooskia, ID
- 2000, GLOBE: Global Learning and Observations to Benefit the Environment (EDTE 503). University of Idaho, Moscow, ID
- 1997, In Search of Orcas: Whale Watching in The San Juan Islands (ED 503). Seattle Aquarium Seattle, WA
Everyday Science and the NSES: Incorporating Hands-On science with the National Science Education Standards (ED 503). Priest River Elementary. Priest River, ID
- 1996, In Search of Orcas: Whale Watching in The San Juan Islands (ED 503). Seattle Aquarium. Seattle, WA
Integrating Science Across the Curriculum (ED 503). Grangeville Elementary School. Grangeville, ID
Kitchen Chemistry: Using Everyday Items to Stimulate Interest in Science (ED 503). Priest River Elementary. Priest River, ID
Minds-on Astronomy (ED 503). Priest River Elementary. Priest River, Idaho
- 1995, Science Anytime: Developing Curriculum, Integrating Technology (ED 503). Lakeland Junior High School, Rathdrum, ID
Idaho Science and Technology Education Project (ISTEP) Inservice (ED 503). University of Idaho. Moscow, ID
IdaHOES, Hands on Elementary Science. Integrating Science Across the Curriculum (ED 503). Inservice: University of Idaho, Moscow, ID

Curriculum Development:

- Education, ED 596 The Art & Science/Teaching. Northern Michigan University (2017)
- Science Education, MSED 340, NGSS STEM Curriculum. Northern Michigan University, (2016) Marquette MI 49855
- Public Administration, PA 595 ArcVIEW GIS in Public Administration. Northern Michigan University (2016)
- COSI: Engineering Program Integration, Developing and Integrating Engineering into Practice. UT-Tyler (2013) NGSS in Action
- Earth System Science Alliance (ESSEA) The Copenhagen Accord: Carbon Sequestration [online] <http://esseacourses.strategies.org/>
- Earth System Science Alliance (ESSEA) Tsunami! [online] <http://esseacourses.strategies.org/>
- Texas Earth and Space Science Revolutions (TXESS), Core Samples and Correlations. [online] <http://www.txessrevolution.org/>

- Global Observations to Benefit the Environment (GLOBE) Caverns and Cave Explorations. [online] <http://www.globe.gov/>
- NASA's Opportunities for Visionary Academics (NOVA) Watermarks II, inquiry models in earth system science.
- Lewis and Clark Rediscovery Project
- Watermarks, The cycle of change: Water, the earth, and human settlement. Columbia Education Consortium.
- Louise and Clark, A voyage to Mars, Life-Long Learning, University of Idaho
- Web-Based Instruction and Cooperative Learning, Roosevelt University
- Aeronautics, A history of man-powered flight, Enrichment Program, University of Idaho, Moscow, ID
- Curriculum Infusion Project, Infusing Alcohol and Drug Abuse, Project Coordinator, Roosevelt University, Chicago, IL
- MATH 105: Integrated, real-life NASA problems in the classroom, Roosevelt University, Chicago, IL
- Kitchen Chemistry, Roosevelt University, Chicago, IL
- Digging Archaeology, Roosevelt University, Chicago, IL
- Earth Systems Science, Alpha Test Program for Classroom of the Future (COTF), Wheeling, WV
- Pilot Teacher, Science I Program in M.I.S.D. Mesquite, TX
- Pilot Teacher, Science II Program in M.I.S.D. Mesquite, TX
- Developed, Integrated Middle School Curriculum, Mesquite I.S.D. Mesquite, TX

Academic Advising:

2006-18	Graduate Students, Northern Michigan University, Marquette, MI
2004-18	Undergraduate Students, Northern Michigan University, Marquette, MI
2003-04 84	Graduate Students in Education, University of Idaho, Moscow, ID
2000-02 209	Undergraduates in Elementary Education, University of Idaho, Moscow, ID
1999-00 78	Graduates in Secondary Education, Roosevelt University, Chicago, IL
1998-99 66	Graduates in Secondary Education, Roosevelt University, Chicago, IL
1997-98 143	Graduates in Secondary Education, Roosevelt University, Chicago, IL
1996-97 103	Undergraduates in Elementary Education, University of Idaho, Moscow, ID
1995-96 113	Undergraduates in Elementary Education, University of Idaho, Moscow, ID

Supervision of Student Teachers:

Fall 2016	1 Elementary Education Major and 1 Secondary Science Education Major
Winter 2014	3 Secondary Science Major 1 Secondary Science Education (Western Governors University)
Fall 2013	1 Secondary Science Education
Winter 2013	1 Secondary Science Education
Fall 2012	3 Elementary Education Major, 1 Secondary Science Education
Winter 2007	2 Secondary Science Educations
Fall 2007	1 Elementary Education Major
Winter 2005	1 Secondary Science Education, 3 Elementary Education Majors
Spring 2003	1 Secondary Foreign Language Major
Spring 2000	3 Secondary Science Educations, 2 Secondary Language Arts, 3 Secondary Business, 2

Secondary Mathematics
 Fall 1999 3 Secondary Social Studies, 1 Secondary Language Arts
 Spring 1999 4 Secondary Science Educations, 1 Secondary Business
 Fall 1998 5 Secondary Science Educations
 Spring 1998 3 Secondary Science Educations, 1 Secondary Language Arts, 1 Secondary Business,
 Secondary Social Studies
 Fall 1997 5 Secondary Science Educations
 Spring 1996 1 Secondary Biology, Physical Science, and Chemistry/1 Secondary History/2
 Elementary

Grant Administration:

2013-14 Train the trainer, experiential education (T²E²): Rural Development [Global Learning and Observations to Benefit the Environment] Mini-Grant. Project Coordinator. \$5,000 Budget. Northern Michigan University, Marquette, MI
 2011 National Oceanic and Atmospheric Administration, (NOAA) Global Learning and Observations to Benefit the Environment Mini-Grant. Project Coordinator. \$3,300 Budget. Northern Michigan University, Marquette, MI
 2007-09 Superior Teaching ESS Programs in the Upper Peninsula [STEP UP], Principle Investigator, \$73,788.00 Budget. Northern Michigan University, Marquette, MI
 2005-07 NOVA, Principle Investigator, \$42,180 Budget. Northern Michigan University, Marquette, MI
 2003-04 IdahoQUEST Project Coordinator, \$25,000 Budget. University of Idaho, Moscow, ID
 2002-03 IdahoQUEST Project Coordinator, \$25,000 Budget. University of Idaho, Moscow, ID
 2001-02 Windows on the Universe Project Coordinator, \$28,000 Budget. University of Idaho, Moscow, ID
 2000-01 Windows on the Universe Project Coordinator, \$20,000 Budget. University of Idaho, Moscow, ID
 IdahoQUEST Coordinator, \$25,000 Budget. University of Idaho, Moscow, ID
 1999-2000 Infusion Network Project Coordinator \$5,000 Budget. Roosevelt University, Chicago, IL
 Infusion Network Project Coordinator \$5,000 Budget. Roosevelt University, Chicago, IL
 Quest Project Coordinator, \$45,000 Budget. University of Idaho, Moscow, ID
 1997-1998 Quest Project Coordinator, \$40,000 Budget. University of Idaho, Moscow, ID
 1996-1997 Quest Project Coordinator, \$35,000 Budget. University of Idaho, Moscow, ID

Global Learning and Observations to Benefit the Environment (GLOBE) Committee Assignments:

2017-2018 GLOBE Program Undergraduate Education Advisory Committee
 2012-2014 GLOBE Program Education Advisory Committee 2012,
 U.S. Partner Regional Ambassador Committee (Chair)
 2010 Planning Committee [Alternate] for International GLOBE Workshop, Calgary, Alberta
 2009 Planning Committee for International GLOBE Workshop,
 Virtual Online Moderator
 2009 Planning Committee for International GLOBE Workshop,
 Calgary, Alberta (Postponed)
 2008 Committee on Curriculum Alignment, Dallas, TX
 2008 Planning Committee [Alternate] for International GLOBE Workshop, Boulder, CO
 2007 February, Planning Committee for International GLOBE Workshop, New Braunfels, TX
 2006 August, Planning Committee for International GLOBE Workshop, San Antonio, TX

State Department of Education Committee Assignments:

- 2008 Michigan Department of Education Committee on Earth Science testing
- 2007 Online Learning Committee, Michigan Virtual High school.
- 2004 Science Content Expectation Regional Workshop, developing and writing state earth science content expectations, Seaborg Center.
- 1999 Facilitator, Earth and Space Science Education: Illinois State Board of Education, Springfield, IL
- 1999 Panelist, Science Education: Illinois State Board of Education, Springfield, IL 1998
Specialist, Earth and Space Science Education: Illinois State Board of Education, Springfield, IL
Panelist, Science Education: Illinois State Board of Education, Springfield, IL

University Service:

- 2017-2018 Faculty Review Committee (FRC)
- 2017-2018 Educational Technology Resources and Policy Committee (ETRPC), Northern Michigan University
- 2015-2017 Alternate, Faculty Review Committee (FRC)
- 2015-2018 Academic Assessment of Learning (AoL), Academic Quality Improvement Program (AQIP) Northern Michigan University
- 2013-2015 **Chair**, Faculty Review Committee (FRC)
- 2012-2013 Faculty Review Committee (FRC)
- 2010-2011 Northern Michigan University's McNair Scholars Program, Review Committee Member
- 2009-2010 Department Representative, AAUP Bargaining Council
- 2008-2010 Faculty Review Committee (FRC)
- 2008-2009 Committee on Student Grade Appeals
- 2008-2010 **Chair**, AAUP Committee on Election Committee
- 2007-2010 **Chair**, Liberal Studies Committee (LSC), Northern Michigan University
- 2007-2008 Sub-Committee Member, Academic Quality Improvement Program (AQIP), Northern Michigan University
- 2007-2008 Ad-hoc Committee Member, Academic Quality Improvement Program (AQIP), Northern Michigan University
- 2006-2007 Sub-Committee Member, UNITED Development Committee
- 2006-2007 Committee Member, Senate Ad-Hoc Committee on Internationalization, Northern Michigan University
- 2005-2007 Institutional Representative, American Association for Colleges of Teacher Education, AACTE
- 2005-2007 Institutional Representative, Michigan Association of Colleges of Teacher Education, MACTE
- 2005-2007 Committee Member, Liberal Studies Committee (LSC), Northern Michigan University
- 2005-2007 Committee Member, AAUP Nominations/Elections Committee
- 2004-2005 Educational Technology Resources and Policy Committee (ETRPC), Northern Michigan University
- 2004-2005 Sub-Committee Member, ECDC Website Development Committee
- 2003-2004 Idaho Virtual Campus (IVC) Training, College of Education, University of Idaho, Coeur d'Alene, ID
- 2002 Web Master, College of Education, University of Idaho, Moscow, ID
- 2000 Member, Academic Computing: Web-based distance learning teaching. Roosevelt

University, Chicago, IL
 1999-2000 Senator, College of Education, Roosevelt University, Chicago, IL 1998-
 1999 Web Editor, College of Education, Roosevelt University, Chicago, IL
 1998-1999 Member, University College, College Council. Roosevelt University, Chicago, IL Member,
 Academic Computing: Web developer group. Roosevelt University, Chicago, IL
 Member, Academic Computing: Classroom and lab users group. Roosevelt University,
 Chicago, IL
 Ad Hoc, Academic Computing: Web-based distance learning teaching. Roosevelt
 University, Chicago, IL
 New Lab Users Group (NLUG), Roosevelt University, Chicago, IL
 1997-1999 Member, Academic Computing Policy Committee. Roosevelt University, Chicago, IL
 1997 Ad Hoc, Academic Computing: Software Standards Sub-Committee. Roosevelt
 University, Chicago, Illinois
 Member, NCATE task force. Roosevelt University, Chicago, IL
 Invited Guest, Network Telecommunications Committee. Roosevelt University,
 Chicago, IL
 1994 Alternate, University of Idaho Tenure Committee. Moscow, ID

Committee Assignments:

2015-2018 Evaluation and Personnel Committee, School of Education, Northern Michigan
 University
 2016-2018 Student Grievance Committee, Northern Michigan University
 2015-2016 ADD Chair for the Student (CAC), Northern Michigan University
 2015-2016 College Advisory Council (CAC), Northern Michigan University
 2014-2015 **Chair**, Evaluation and Personnel Committee, School of Education, Northern Michigan
 University
 2014-2015 Executive Committee, School of Education, Northern Michigan University 2012-
 2014 Evaluation and Personnel Committee, School of Education, Northern
 Michigan University
 2012-2013 Executive Committee, School of Education, Northern Michigan University
 2006-2010 Graduate Review Committee, School of Education, Northern Michigan University
 2007-2008 Executive Committee, School of Education, Northern Michigan
 University
 2006-2007 Steering Committee, Conceptual Framework, School of Education, Northern Michigan
 University
 2005-2006 **Chair**, Undergraduate Review Committee, School of Education, Northern Michigan
 University
 2004-2005 Undergraduate Review Committee, School of Education, Northern Michigan University
 2004-2005 Ad Hoc Committee on by-laws, Northern Michigan University
 2001-2004 University of Idaho Faculty Safety Committee, Alternate
 2000-2002 University of Idaho Faculty Parking Committee
 1999-2000 Robin Campus Library Expansion Committee, Roosevelt University, Schaumburg, IL
 1998-1999 Mac Users Group (MUG), Roosevelt University, Chicago, IL
 1998-1999 Chair, Instructional Media Center Policy Development Committee. Roosevelt
 University, College of Education, Chicago, IL
 1997-1998 Member, College of Education Academic Integrity Committee. Roosevelt University,
 College of Education, Chicago, IL
 1997-1998 Member, College of Education Dissertation Committee. Roosevelt University, College of
 Education, Chicago, IL

- 1996-1997 Graduate Student Association Budget Committee. University of Idaho, Moscow, ID
- 1996-1997 Graduate Student Association Interim Council Representative. University of Idaho, Moscow, ID
- 1995-1996 Graduate Student Association Research Committee. University of Idaho, Moscow, ID
- 1993-1994 Science I Textbook Adoption Committee Member. Mesquite Independent School District, Mesquite, TX
- 1992-1993 Site-Based Management Team. A. C. New Middle School, Balch Springs, TX
- 1987-1994 Science Fair Chairperson. A. C. New Middle School, Balch Springs, TX

Community and Service

- 2004 Academic Learning Service Project Collaboration. UP Children's Museum.
- 2002-2003 HTML Editor, Idaho Science Teachers Association (ISTA). [online] <http://www.uidaho.edu/ista>
- 2002-2003 HTML Editor, Northern Rocky Mountain Educational Research Association (NRMERA). [online] <http://www.uidaho.edu/NRMERA>
- 2001-2004 HTML Editor, IdahoQUEST. [online] <http://www.uidaho.edu/ed/quest>
- 2000-2004 Palouse Discovery Science Center, Member
- 2001-2002 HTML Developer/Editor, Idaho Phi Delta Kappa (PDK). [online] <http://www.uidaho.edu/~pdk>
- 2001-2002 Phi Delta Kappa Chapter 0072, Vice-President. University of Idaho, Moscow, ID
- 2000-2001 Northern Rocky Mountain Educational Research Association (NRMERA), Idaho State Representative.
- 2000-2001 Phi Delta Kappa Chapter 0072, President. University of Idaho, Moscow, ID
- 2000 National Cable and Television Association NCTA, Community Spirit Awards Judge, Chicago, IL
- 1999 College of Education: HTML programming-Integrating Internet and distance learning, Roosevelt University, A. A. Robin Campus, Schaumburg, IL
- 1998 College of Education: HTML programming-Creating your own homepage, Roosevelt University, A. A. Robin Campus, Schaumburg, IL
- 1998 ELDLN: Electronic Long-Distance Learning Network, Kurtis Productions, Chicago, IL
- 1998 Project TEACH, Annenberg Foundation, Chicago, Illinois
- 1996-1997 Phi Delta Kappa Chapter 0072, Programs Co-Chairman. University of Idaho, Moscow, ID
- 1995-1996 Phi Delta Kappa Chapter 0072, Foundations Chairman. University of Idaho, Moscow, ID
- 1998 Graduate Student Association (G.S.A.) Ad Hoc Committee Chairperson. University of Idaho, Moscow, ID

Community Enrichment Courses, University of Idaho, Moscow, Idaho

- 2001-2003 McCall Outdoor Science School (MOSS)
- 1999-2000 Aeronautics, a history of man-powered flight, Instructor
- 1997-1998 Physics Phun: Enrichment Program, Instructor.
- Web Heads for Kids: Enrichment Program, Instructor.
- 1996-1997 Techno-Kids: Enrichment Program, Instructor.
- Microbiology: Enrichment Program, Instructor
- 1995-1996 Dino-Kids: Enrichment Program, Instructor.
- Techno-Kids: Enrichment Program, Instructor. Chemistry Kids: Enrichment Program, Instructor.

Research Interests:

Program Evaluation: Outcomes Assessment	Development and Preparation of Elementary Teachers
Intern Evaluation: Outcomes Assessment	STEM Education
Infusing Technology in the Classroom	Extracurricular/Informal Science Education
Integrated/Interdisciplinary Science Curriculum	Educational Reform/ NGSS
Pre-service Teachers Science Self-Efficacy	

Honors and Awards:

2008	Northern Michigan University, University's Photography Award, Marquette, MI
2008	Northern Michigan University, University's Distinguished Team Award, Uniting Neighbors in the Experience of Diversity (UNITED). Marquette, MI
2004	Northern Michigan University, Teaching, Learning, and Communication (TLC), Teaching Improvement Award. Marquette, MI
2004	Idaho Science Teachers Association, Outstanding service as president award, Lewiston, ID
2004	IMITS Fellow, Institute for Mathematics, Interactive Technology and Science, University of Idaho. Moscow, ID
2003	NCOLR Fellow, National Center for Online Learning and Research, University of Idaho. Moscow, ID
2002	NASA/NOVA Fellow, NASA Opportunities for Visionary Academics, University of Idaho. Moscow, ID
1995	Dean's list for Academic Achievement, University of Idaho. Moscow, ID
1993	Recognized for Excellence in Science Education, M.I.S.D., Mesquite, TX
1993	March Teacher of the Month. A.C. New Middle School. Mesquite, TX
1987	Recognized for Excellence in Science Education, M.I.S.D. Mesquite, TX
1983	Dean's List for Academic Achievement. Richland College. Dallas, TX

Current Professional Societies:

2005-Present	Michigan Association of Colleges for Teacher Education (M.A.C.T.E.) Institutional Representative
2004-Present	Michigan Earth Science Teachers Association (M.E.S.T.A.)
2004-Present	American Association of University Professors (A.A.U.P.)
2004-Present	Michigan Science Teachers Association (M.S.T.A.)
1995-Present	National Science Teachers Association (N.S.T.A.)

Past Professional Societies:

2007-2011	Sigma Xi, Associate Member.
2002-2004	American Educational Research Association (A.E.R.A.)
2001-2004	Association for the Advancement of Computing in Education (A.A.C.E.)
2000-2004	Northern Rocky Mountain Educational Research Association (N.R.M.E.R.A.)
2002-2004	Northwest Association of Teacher Educators (N.W.A.T.E.)
2001-2004	Idaho Science Teachers Association (I.S.T.A.) President
2004-2005	Idaho Science, Mathematics and Technology Consortium (ISMTC)
2000-2003	Phi Delta Kappa (P.D.K.)
1998-2000	American Association of University Professors (A.A.U.P.)

1999-2000	Illinois Science Teachers Association (I.S.T.A.)
1996-1997	Northwest Association of Teacher Educators (N.W.A.T.E.)
1994-1997	Graduate Student's Association (G.S.A.)
1986-1994	Mesquite Educational Association (M.E.A.)
1986-1994	Science Teachers Association of Texas (S.T.A.T.)
1994	Association of Texas Professional Educators (A.T.P.E.)
1987-1993	Texas Earth Science Teachers Association (T.E.S.T.A.)

Professional Development (Training Attended):

Assessment and Evaluation. Northern Michigan University: Center for Teaching and Learning (CTL) and the Office of Extended Learning and Community Engagement. (January, 2018) Marquette, MI

Online Teaching Fellows II. Northern Michigan University: Center for Teaching and Learning (CTL) and the Office of Extended Learning and Community Engagement. (July, 2017) Marquette, MI

Online Teaching Fellows Initiative. Northern Michigan University: Center for Teaching and Learning (CTL) and the Office of Extended Learning and Community Engagement. (November, 2016) Marquette, MI

Climate Change, Learn & Contribute: Become a Citizen Scientist Today! [NOAA Climate Stewards Education Project](https://youtu.be/8F-xFsi3uiM) webinar (September 2016) online: <https://youtu.be/8F-xFsi3uiM>

Going Places with Spatial Analysis (July 2016), ESRI, San Francisco, CA

Understanding Research Methods (May 2016) , Coursera (University of London)

ECHO Environmental, Cultural, and Historical Outlooks: Bermuda. (2015) Southern Connecticut University, New Haven, CT

Internship for Higher Education Administration and Education (July 2014), The Ingenuity Center at the University of Texas-Tyler, Tyler, TX

Leadership in STEM Education, Engineering Research, and Museum Operations (2014), the Discovery Science Place, (DSP), Tyler, TX

Workshop on European Union programmes: Erasmus+, Horizon 2020 & Euraxess (May 2014), University of Texas MD Anderson Cancer Center, Houston, TX

Introduction to the Next Generation Science Standards [NGSS], Collaborative Research in Education, Assessment, and Teaching Environments for the fields of Science, Technology, Engineering, and Mathematics, CREATE STEM (May 2013), Michigan State University, Lansing, MI

Earth System Science Education Alliance [ESSEA] ESSEA Annual Conference (August 2012), Monterey, CA

Carbon Cycle for Earth Systems Science Train-the-Trainer (November 2011), Northwestern University, Chicago, IL

Watershed Dynamics for Earth Systems Science Train-the-Trainer (November 2011), Northwestern University, Chicago, IL

Earth System Science Education Alliance [ESSEA] Enhancing [Earth System Science Curriculum](#) (August 2010), Syracuse, NY

GLOBE Project: Global Learning to Benefit the Environment, International GLOBE Workshop, Calgary, Alberta (July, 2010)

Ocean Star Museum, the Offshore Energy Center's Education Outreach Program (June, 2010), Galveston, TX

Earth System Science Education Alliance [ESSEA] Implementing [Earth System Science Curriculum](#), BIOSPHERE II, (June 2009) Oracle, AZ

Texas Earth System Science Revolution ([TXESS](#)), Impact Craters. Texas Regional Collaborative for Excellence in Mathematics and Science (February 2009). Austin, TX

Texas Earth System Science Revolution ([TXESS](#)), Seismic Waves. Texas Regional Collaborative for Excellence in Mathematics and Science (November 2008). Austin, TX

Earth System Science Education Alliance [ESSEA] Implementing [Earth System Science Curriculum](#) (June 2008), University Charleston, SC

Texas Earth System Science Revolution ([TXESS](#)), The Solid Earth. Texas Regional Collaborative for Excellence in Mathematics and Science (May 2008). Austin, TX

Texas Earth System Science Revolution ([TXESS](#)), Core Samples. Texas Regional Collaborative for Excellence in Mathematics and Science (February 2008). Austin, TX

Academic Quality Improvement Program (AQIP), The Higher Learning Commission. <http://www.aqip.org> (October 2007), Lisle, IL.

Earth System Science Education Alliance [ESSEA] Implementing [Earth System Science Curriculum](#), (June 2007), University of Nebraska at Omaha, NE

Conference on Distance Teaching and Learning (August 2006). Madison, WI

NSTA/NCATE Specialty Professional Associations (SPA) program evaluation training. Anaheim, CA (March, 2006)

NSTA/NCATE Specialty Professional Associations (SPA) program evaluation training. Dallas, TX (March, 2005)

NOVA Curriculum Development Conference, Jet Propulsion Laboratories, Pasadena, CA (2005) NOVA Curriculum Development Conference, Goddard Space Center at Greenbelt, MD (2005) NOVA Leadership Development Conference, Marshall Space Center at Huntsville, AL (2005)

IGES Implementing [NASA Earth System Science Curriculum](#), Johnson Space Center, Houston, TX (2004)

NOVA Leadership Development Conference, Kennedy Space Center, Coco Beach, FL (2003) ESRI Introduction to ArcVIEW GIS, Seattle, WA (2003)

ESRI Advanced ArcVIEW GIS, Seattle, WA (2003)

NOVA Leadership Development Conference, Johnson Space Center at Houston, TX (2003)

National Center for Online Learning Research (NCOLR). University of Alabama, Huntsville, AL (2002)

NOVA Leadership Development Conference, Langley Research Center in Langley, VA (2002) ECHO 2001 Environmental, Cultural, and Historical Outlooks: Eastern Baltic Landscapes, Finland. Russian, Estonia. (2001)

PT3, Preparing Tomorrows Teachers to use Technology, University of Idaho, Moscow, ID (2001) UI-WSU Proposal Writing Workshop. Holiday Inn Express, Pullman, WA (2000)

Edventions, Starship School. Crack-A-Smile: Advanced Training. Three Arts Club, Chicago, IL (2000)

NCATE 2000, Loyola University, Chicago, IL

Grant Writing Workshop, University of Idaho, IMITS (Idaho Math, Interactive Technology and Science Institute), Moscow, ID (1999)

Edventions, Starship School. Chicago Kick-Off Training Session. Harold Washington Library, Chicago, IL (1999)

Symposium for Technology and Education, National Center for Urban Partnerships (NCUP), University of Maryland, College Park, MD (1999)

Four-Cities Writing Project, University of Wisconsin-Milwaukee, Milwaukee, WI (1999)

What Works: Symposium on Public Schools and Education, Harold Washington Library, Chicago, IL (1998)

GLOBE Project: Global Learning to Benefit the Environment, University of Central Florida, Orlando, FL (1998)

Science and Mathematics Consortium for Northwest Schools, Columbia Education Center, Eisenhower National Clearinghouse for Mathematics and Science Education, Portland, OR (1997)

Project 2061: Science Literacy for a Changing Future, Seattle, WA (1996)

Science and Mathematics Consortium for Northwest Schools, Columbia Education Center, Eisenhower National Clearinghouse for Mathematics and Science Education, Portland, OR (1996)

Science Scope, Sequence, and Coordination. Houston, TX (1993)

Publications (Peer Reviewed)

- Puncochar, J., & Klett, M. (2013). A model for outcomes assessment of undergraduate science knowledge and inquiry processes. *Research & Practice in Assessment*, 8(2), 42-54. Retrieved from <http://www.rpajournal.com/a-model-for-outcomes-assessment-of-undergraduate-science-knowledge-and-inquiry-processes> . (Acceptance rate 40%).
- Graves, S., Abbitt, J., Klett, M. (2009). Mentoring Model for Interactive Online Learning in Support of a Technology Innovation Challenge Grant. *Journal of Computing in Teacher Education*. 26 (1) 5-16 [online at http://www.eric.ed.gov/ERICWebPortal/contentdelivery/servlet/ERICServlet?accno=EJ856_112]
- Klett, M. (2008). Becoming a Professional Educational, In A. Woolfolk's (10th, ED) *Educational Psychology*, Active Learning Edition, CourseSmart eTextbook [CD]. Allyn and Bacon: Boston
- Abbitt, J., Klett, M. (2007). Identifying Influences on Attitudes and Self-Efficacy Beliefs Towards Technology Integration Among Pre-Service Educators. *Electronic Journal for the Integration of Technology in Education*, 6 [online at <http://ejite.isu.edu/Volume6/Abbitt.pdf>]
- Odell, M., Badger, S. Kennedy, T., Ewers, T. Klett, M., (2004). Integrating Information Technology into Undergraduate Science, In D.W. Sunal, E. L. Wright, & J. Bland (Eds.), *Research in Science Education: Reform in Undergraduate Science Teaching for the 21st Century* (pp. 167-180). Greenwich, CT: Information Age Publishing Inc
- Ewers, T., Odell, M., Klett, M.D., Graves, S.M., Davis, J., Davis, A., Ophus, J., Thornhill, A. (2001). *The Status of K-12 Mathematics and Science in Idaho: Student Course taking Patterns and Teacher Certification*. Report to the Idaho State Department of Education.
- Kennedy, T. J., Odell, M. R. L. & Klett, M. D. (2001, January). Internet en las escuelas de Estados Unidos: una perspectiva del programa GLOBE. *Congreso de EducaRed - Foro de la Escuela Virtual, La Novedad Pedagógica de Internet*, Ministerio de la Educación, Madrid, España.
- Klett, M. (2000). Professional Portfolio Development. In A. Woolfolk's *Educational Psychology* Educational Psychology, [CD] (8th, 9th, and 10th EDs.) Allyn and Bacon: Boston
- Burney, N. Goldberg, S., Kamen, C., Klett, M., Young, M. (1999). Performance based assessment for colleagues in the making. *Collaborations in the College of Education*, 1(1), 25-32
- Klett, M. (1997). What Would They do? In A. Woolfolk's *Educational Psychology* (7th, 8th, 9th, 10th, 11th EDs.) Allyn and Bacon: Boston

Other Publications (Peer Reviewed)

- Abbitt, J., Klett, M. (2006). Analysis of Educational Technology Integrating Electronic Portfolios. Accepted at AERA.
- Abbitt, J., Klett, M., Graves, S. (2002). Redesigning a Course Using an Analysis of Technical Problems Encountered in an Online Accepted at AACE.

Graves, S. Klett, M., Abbitt, J. (2002.). Technology Tutorials from The Lewis and Clark Rediscovery Project. http://rediscovery.ed.uidaho.edu/Resources/tech_tutorials.asp
Ewers, T., Klett, M., Davis, A., Ophus, J. (2002). Life Long Learning: The Mars Discovery Project, from the Lifelong Learning website: <http://www.l3-lewisandclark.com/>
Klett, M., (2000). International Student Teaching, *Idaho Phi Delta Kappa*, 1(3)
Klett, M., (2000). Professional Teaching Portfolios for the Information Age. Northern Rocky Mountain Educational Research Association Journal Park City, UT
Klett, M. (2000). International student teaching, *Idaho Phi Delta Kappa*, 1(2) Klett, M. (1999, Fall). Roosevelt University. *Prevention Education*, 5.

Other Publications

Klett, M. (1999, Fall). Roosevelt University. *Prevention Education*, 5.

Reviewer

The National Endowment for the Humanities [NEH] Summer Stipend Review, <http://www.neh.gov/grants>
The National Science Foundation [NSF] Directorate for Geosciences [GEO], <http://www.nsf.gov/>
National Association for Research in Science Teaching [NARST], <http://www.educ.sfu.ca/narst/>
National Aeronautics and Space Administration [NASA], <http://www.NASA.gov> Electronic Journal of Literacy through Science [EJLTS], <http://sweeneyhall.sjsu.edu/ejlts> Virtual Center for Online Learning Research [VCOLR], <http://www.ncolr.org/>

Past Reviewer

e-TQM College Journals <http://www.etqm.ae/journals/>
The Journal of Geoscience Education [JGE], <http://www.nagt.org/nagt/jge/index.html> North American, Association for Environmental Education [NAAEE] Program Review Board, <http://www.naaee.org/>
National Science Teacher Association/National Council for the Accreditation of Teacher Education [NSTA/NCATE] (2004-2008) Program Review Board, <http://www.NSTA.org>, <http://www.ncate.org/>
Odell Publications, Curriculum Reviewer, *Life Science Made Real Simple*.
Sage Publications, Curriculum Reviewer, *Instructional Patterns: Strategies for Maximizing Student Learning*.
Northern Rocky Mountain Educational Research Association [NRMERA], <http://www.uidaho.edu/nrmera>

Papers Presented (Peer Reviewed)

Selling, J., Richmond, K., & Klett, M. (October, 2016). Disciplinary Literacy: Overcoming Roadblocks to Student Engagement in Science and Beyond. Traverse City, MI
Puncochar, J., Klett, M. (September, 2010). Freshmen Fellows: Northern Michigan University's Research Program for Undergraduates. Traverse City, MI
Klett, M., (March, 2010). Presenter, GLOBE data applications in Earth Systems Science Education. NSTA GLOBE Conference. Philadelphia, PA
Puncochar, J., Klett, M. (September, 2009). Liberal Studies Programs for the Twenty-First Century. Lilly Conference. Traverse City, MI

- Puncochar, J., Klett, M. (September, 2009). Third Annual UNITED Conference. Lilly Conference. Traverse City, MI
- Puncochar, J., Prosen, C., Frame, T., Orr, C., Klett, M., & Powers, M. E. (November, 2008). *Creating a Baseline of Online Programs to Facilitate Recruitment and Retention in Higher Education*. Proposal accepted for the 14th Annual Sloan-C International Conference on Online Learning, Orlando, FL
- Ophus, J. Abbitt, J., Odell, M., Klett, M. (November, 2008). Developing an Online Collaborative Platform to Support Professional Development in Rural Schools. Presentation accepted for the T-STEM at AACE E-Learn Conference
- Lowe, C., Klett, M., Wozniak, C. (August, 2006). Learning at a Distance, Distance Learning Conference, National. Madison, WI Retrieved from <http://www.uwex.edu/disted/conference/>
- Elmer, T., Klett, M., Alexander, G. (April, 2003). Principal Use of Portfolios in the Selection of K- 12 Teacher Candidates in Four Northwest States. American Educational Research Association, Chicago, IL
- Klett, M., Davis, J. (March, 2003). Implementation of Internet-based Science Resources. National Science Teachers Association, Philadelphia, PA
- Wright, V., Kennedy, T., Klett, M. (March, 2003). Electronic portfolios: A tale of two institutions' experiences and reflections. Presentation accepted for the Society for Information Technology and Teacher Education (SITE) international meeting, Albuquerque, NM
http://www.editlib.org/?fuseaction=Reader.PrintAbstract&paper_id=18412
- Abbitt, J., Klett, M., Graves, S (2002). Redesigning a Course Using an Analysis of Technical Problems Encountered in an Online Technology Training Course E-Learn 2002. Montreal, Canada
- Graves S., Klett, M. (2002). The Lewis and Clark Rediscovery Project: Implementation and Assessment. National Science Teachers Association, San Diego, CA
- Klett, M., Davis, J. (2002). Development of an Internet-based Science Resource. National Science Teachers Association, San Diego, CA
- Davis, J., Klett, M. (2002). Evaluation of Internet Resources. National Science Teachers Association, San Diego, CA
- Klett, M.D. Graves, S. M., Crawford, S. (2001). ECHO, Implications for a Global Community in Teaching. Northern Rocky Mountain Educational Research Association, Park City, UT
- Klett, M.D. (2001). Professional Teaching Portfolios for the Information Age. Society of Information Technology in Education (SITE), Orlando, FL
- Kennedy, T.J., Odell, M.R.L. & Klett, M.D. (2001). Internet en las escuelas de Estados Unidos: una perspectiva del programa GLOBE. Congreso de EducaRed - Foro de la Escuela Virtual, Ministerio de la Educación, Madrid, España.
- Klett, M.D. (2000). Development of Electronic Teaching Portfolios. Northern Rocky Mountain Educational Research Association, Park City, UT
- Klett, M.D., Odell, M., Graves, S. (1998). Raising Self-Confidence of Preservice Science Teachers with Clinical Experiences. National Science Teachers Association, Boston, MA
- Odell, M., Kearney, B., Klett, M.D., Graves, S. (1998). Idaho NOVA Project. National Science Teachers Association, Las Vegas, NV
- Odell, M., Klett, M. D. (1997). [The World Wide Web as a Medium for Instruction: What Works and What Doesn't](#), Dryden Research Center, Edwards, CA

Papers Presented

- Puncochar, J., Klett, M. (June, 2008). Action Research in Earth System Science. Earth System Science Education Alliance Leadership Conference. University Charleston, SC
- Odell M., Klett, M. (October, 2002). Science Teaching Misconceptions: Using Science Misconceptions to Teach Science. Idaho Science Teachers Association, Hailey, ID

Klett, M.D. (Fall, 1997). The Effect of Alternative Clinical Teaching Experience on Preservice Teachers' Self-Efficacy. Graduate Students Association Research Conference, Moscow, ID
Klett, M.D. (Fall, 1996) IdaHOES, Idaho Hands-On Science for Elementary Teachers. Northwest Association of Teacher Educators Conference, Coeur d'Alene, ID

Other Presentations (Peer Reviewed)

Klett, M., & Graves, S. M. (August 2017). Presenter, Field Experience “Cove River” for Protocol Training, Integrating GLOBE. NSTA Conference. New Haven, CT
Graves, S. M., & Klett, M. (September 2015). Annual UNITED Conference. Third Annual UNITED Conference. Marquette, MI
Nelson, L., Klett, M., Richmond, K., Arenellas, M. (October 2014). Social Networking in Models of Teaching. Eighth Annual Lilly Conference. Traverse City, MI
Klett, M., Mills, A. (October 2014). T2E2 Model. Eighth Annual Lilly Conference. Traverse City, MI
Klett, M., Richmond, K. (October 2013). Effective Integration of Technology in Models of Teaching. Seventh Annual Lilly Conference. Traverse City, MI
Klett, M., (April 2013). Presenter, NOAA data applications in Earth Systems Science, Integrating GLOBE. NSTA Conference. San Antonio, TX
Odell, M., Kennedy. T., Klett, M. (April 2013). Co-Presenter: NESTA Session: National Earth Science Teachers Association Earth System Science Share-a-Thon. NSTA, Conference. San Antonio, TX <http://www.nsta.org/conferences/schedule.aspx?id=2013san>
Klett, M. (September 2012). Analysis of APP use in Teaching: Touchpad Technologies. Sixth Annual Lilly Conference. Traverse City, MI
Klett, M. (August 2012). Touchpad Technologies for Earth System Science. Earth System Science Education Alliance [ESSEA] ESSEA Annual Conference, Monterey, CA
Klett, M., Puncochar, J. (September 2010). Assessing Liberal Studies, Developing Rubrics. Fourth Annual Lilly Conference. Traverse City, MI
Odell, M., Ophus, J., Abbitt, J., Klett, M., Kennedy. T. (September 2009). SHELLS: Preservice Science Teacher ELL Preparation in the Southeast United States. Third Annual UNITED Conference. Marquette, MI
Odell, M., Kennedy. T., Klett, M. (September 2009). Third Annual UNITED Conference. Third Annual UNITED Conference. Marquette, MI
Klett, M., Leuthold, S. (November 2006). Presenter, Understanding Conceptual Level Understanding, Art and Science, AACU Conference, Regional. Chicago, IL
Lowe, C., Klett, M., Wozniak, C. (August 2006) Presenter: Learning at a Distance, Distance Learning Conference. Madison, WI
Graves, S., Klett, M. (April 2006) Presenter: Virtual Landscapes in Environmental Education, National Science Teachers Association Conference. Anaheim, CA
Frey, R., Klett, M., Graves, S., Davis, A. (2003). Presenter, Life-Long Learning: Mission to Mars (LLL), National Education Computing Conference, National. Seattle, WA
Badger, S., Klett, M. (2003). Presenter, Life-Long Learning: Mission to Mars (LLL), National Science Teachers Association. Philadelphia, PA
Klett, M., Graves, S. (2003). Presenter, Life-Long Learning: Lewis and Clark Rediscovery (LLL), National Science Teachers Association, National. Philadelphia, PA
Teasdale, J., Badger, S., Klett, M., Graves, S. (2002). Presenter, Life-Long Learning: Mission to Mars (LLL), National Science Teachers Association. Portland, OR
Kearney, R., Klett, M., Graves, S. (2002). Presenter, Lewis and Clark Rediscovery (LCRP), National Science Teachers Association, Regional. Portland, OR

Other Presentations

- Klett, M. (October 2017). Presenter, Creating Online Learning Activities to Embed in Moodle or Education, Fall Educators Conference, Regional. Marquette, MI
- Klett, M. (July 2017). Presenter, Clouds and How to Read the Atmosphere: STEM, Sault Tribe Youth, Regional. Marquette, MI
- Klett, M. (July 2016). Presenter, Tetrahedron Kites: Bullying and Suicide Prevention Workshop, Sault Tribe Youth, Regional. Marquette, MI
- Klett, M., (April 2013). Presenter, BEACHESS: GLOBE Climate Change NOAA data applications in Earth Systems Science. GLOBE Conference. San Antonio, TX
- Klett, M. (August 2012). Earth System Science APP use in Teaching: Touchpad Technologies. Earth System Science Education Alliance Annual Conference, Monterey, CA
- Odell, M., Klett, M. (May 2012). Co- Presenter, Alignment of High School and College STEM Curricula, Research Based Undergraduate Science Teaching: Investigating Reform in Classrooms. National Study of Education in Undergraduate Science Conference, Tuscaloosa, AL [online at: <http://nseus.org/>]
- Klett, M. (March 2012). GLOBE NSTA Regional Meeting. In U.S. Partner Regional Ambassador Committee Presentation and Discussion: APP and APP Development for GLOBE. GLOBE Workshop, Indianapolis, Indiana [online at: <http://globe.gov/stars/articles/north-america-partners-collaborate-at-nsta-2012-in-indianapolis-indiana>]
- Klett, M., Odell, M. (February 2012). GLOBE Teacher Workshop on Climate (GEOG 3341). University of Texas at Tyler, Tyler, TX
- Parkerson, M., Klett, M. (January 2012). Mobile Science Labs. The Southeast Regional T-STEM Center Educational Conference University of Texas Medical Branch in Galveston, TX
- Sterzick, A. J., Stuckmann, N. T., Jones, B. R., Affhalter, M. G., Klett, M. D. & Puncocar, J. (April 1-2, 2011). Achievement in Science Inquiry Labs and Role Preference in Cooperative Learning Groups in Same-gender and Co-ed Middle School Classrooms. Poster presented at the National Conference on Undergraduate Research. Ithaca, NY. [online at: http://ncur.ithaca.edu/m/List_NCUR.aspx?institution=Northern+Michigan+University]
- Stuckmann, N. T., Sterzick, A. J., Jones, B. R., Klett, M. D. & Puncocar, J. (April 1-2, 2011). Tribal School Success with a School-wide K-12 Writing Assessment Program. Poster presented at the National Conference on Undergraduate Research. Ithaca, NY. [online at: http://ncur.ithaca.edu/m/List_NCUR.aspx?institution=Northern+Michigan+University]
- Bydlowski, D., Graves, S., Klett, M. (March, 2011). GLOBE NSTA Regional Meeting. In U.S. Partner Regional Ambassador Committee Presentation and Discussion: Web 2.0 and GLOBE. Retrieved March 2011, from http://globe.gov/events/nsta_regional_2011
- Klett, M., Puncocar, J. (August 2010). Presenter, Using ESSEA to Integrate GLOBE Data, Earth System Science Education Alliance Annual Conference, Ithaca, NY
- Puncocar, J., Klett, M. (August 2010). Presenter, Action Research in Earth System Science, Earth System Science Education Alliance Annual Conference, Ithaca, NY
- Odell, M., Klett, M. (July 2010). Presenter, GLOBE Integration of Data in ESSEA, International GLOBE Workshop, Calgary, Alberta
- Klett, M. (July 2010). Presenter, Integration of GLOBE in Northern Michigan University's Undergraduate Program, International GLOBE Workshop, Calgary, Alberta
- Klett, M., (March 2009). Dynamic Earth: Volcanoes, Seaborg Science Center, Marquette, MI
- Klett, M., Clarken, R. (November 2009). Invited Speaker, Northern Michigan University's Teacher Education Program: Teaching and Learning, Wildcat Weekend. Marquette, MI
- Ophus, J., Klett, M. (July 2009). Co Facilitator, UT-Tyler Research Involving Student Engineering (RISE), University of Texas, Regional. Tyler, TX <http://cecs.uttyler.edu/summercamp.htm>
- Klett, M., (March 2008). Dynamic Earth: Plate Tectonics, Seaborg Science Center, Marquette, MI

Klett, M., Graves, S. (June 2009). Presenter, Understanding Google Earth and Application Integration, Earth System Science Alliance, Tucson, AZ

Klett, M., Smith, M., Clarken, R. (March 2009). Invited Speaker, Northern Michigan University's Teacher Education Program: Teaching and Learning, Wildcat Weekend. Marquette, MI

Odell, M., Klett, M. (September 2008). Presenter, GLOBE and the GLE in Cape Town, South Africa, UNITED, Marquette, MI

Odell, M., Klett, M., Kennedy, T. (June 2008). Presenter, Electronic Applications of the GLOBE Earth System Science Poster Activity. International GLOBE Conference. Cape Town, South Africa

Klett, M., (March 2008). Invited Speaker, Northern Michigan University's CITE: Using Google Earth, Marquette, MI

Klett, M., Puncoschar, J., Clarken, R. (March 2008). Invited Speaker, Northern Michigan University's Teacher Education Program: Teaching and Learning, Wildcat Weekend. Marquette, MI

Lubotina, P., Klett, M. (September 2007). Presenter, A Historical Look at the Meat Pie, UNITED, Marquette, MI

Odell, M., Klett, M., Graves, S., Kennedy, T. Ophus, J. (July 2007). Presenter, Lewis and Clark Rediscovery: Life-Long Learning Online (L3). International GLOBE Conference. San Antonio, TX

Klett, M., Graves, S., Ensign, T., (July 2007). Presenter, Geocache San Antonio, International GLOBE Conference. San Antonio, TX

Klett, M., (July 2007). Undergraduate Teacher Education and Pedagogical Research, International GLOBE Conference. San Antonio, TX

Klett, M., Graves, S. (March 2007). Presenter, Using Virtual Globes to Understand Earth Processes, National Science Teachers Association, National. St. Louis, MO

Klett, M., Coverdale, G., Lowe, C. (March 2007). GLOBE in Michigan Schools, Michigan Science Teachers Association, Regional. Grand Rapids, MI

Klett, M., Puncoschar, J. (March 2007). Presenter, Using Current Research to Guide Teaching Practices, Equity in the Classroom, Regional. Marquette, MI

Klett, M., Puncoschar, J. (February 2007). Invited Speaker, Using Problem-Based Learning and Event-Based Learning in the Classroom, North Star Academy. Marquette, MI

Klett, M., (March 2006). Glaciers, Seaborg Science Center, Marquette, MI

Klett, M., Madison-Shelly, A. (October 2006). Presenter, Visualization Tools for Earth Science, UP Conference, Regional. Marquette, MI

Klett, M., Hawkins, A., Pepin, T. (October 2006). Presenter, Understanding Conceptual Level Understanding, Art and Science, UP Conference, Regional. Marquette, MI

Klett, M., Heikkela, K. (March 2006). Invited Speaker, Northern Michigan University's Teacher Education Program: Teaching and Learning, Wildcat Weekend. Marquette, MI

Klett, M. (February 2006). Invited Speaker, Educational Technology: Integrating Technology and Teaching, TEAC, Regional. Marquette, MI

Klett, M. (December 2005). Invited Speaker, NASA World Wind: Visualization Tools in Earth System Science, Science and Mathematics (SAM), Regional. Seaborg Center, Marquette, MI

Klett, M. (October 2005). Presenter, Tetrahedron Kites: Integrating Art and Science, UP Conference, Regional. Marquette, MI

Klett, M., Leuthold, S. (October 2005). Presenter, Understanding Conceptual Level Understanding, Art and Science, UP Conference, Regional. Marquette, MI

Klett, M., Lowe, C. (September 2005). NOVA: Implementing Change in Higher Education, NOVA Leadership Conference, National. Towson, MD

Klett, M., King, K. (2005). Forensic Science in the Classroom, Michigan Science Teachers Association, Regional. Detroit, MI

Klett, M. (2005). Presenter, Understanding Conceptual Level Understanding, Michigan Science

Teachers Association, Regional. Detroit, MI

Klett, M., (March 2005). Road Scholar, Seaborg Science Center, Marquette, MI

Klett, M., Ophus, J. (2004). Presenter, Idaho QUEST, Partners in Education/Idaho Science Teacher's Association Fall Conference, Regional. Lewiston, ID

Klett, M., Graves, S. (2004) Presenter: Conceptual Learning and Understanding an Inspiration, Partners in Education/Idaho Science Teacher's Association Fall Conference, Regional. Lewiston, ID

Badger, S., Klett, M. (2004). Presenter, Life-Long Learning: Mars In-Situ (LLL), National Science Teachers Association, National. Atlanta, GA

Klett, M., Graves, S. (2004). Presenter, Life-Long Learning: Lewis and Clark Rediscovery, Mission to Mars, GLOBE (LLL), National Science Teachers Association, National. Atlanta, GA

Klett, M., Ophus, J. (2004). Presenter, Idaho QUEST, Idaho Middle Level Educators Conference, Regional. Boise, ID

Klett, M., Ophus, J. (2003). Presenter, Idaho QUEST, Idaho Science Teachers Association, Regional. Idaho Falls, ID

Klett, M., Graves, S. (2003). Presenter, Lewis and Clark Rediscovery (LCRP), Idaho Science Teachers Association, Regional. Idaho Falls, ID

Klett, M., (2003) Presentation: The McCall Outdoor Science School, Idaho Science Teachers Association, Regional. Idaho Falls, ID

Hollenhorst, S., Fizzel, G., Klett, M., Graves, S. (2002) Poster Presentation: The McCall Outdoor Science School. Moscow, ID

Odell, M., Klett, M., Graves, S. (2002) Poster Presentation: The Idaho Virtual Campus. Moscow, ID

Hollenhorst, S., Fizzel, G., Klett, M., Graves, S. (2002) Speaker: The McCall Outdoor Science School. Idaho Science Teachers Association. Hailey, ID

Klett, M. D. (2002) Guest Speaker: University of Idaho, College of Education, Electronic Portfolios in Foreign Language Education. Moscow, ID

Odell, M. R. L., Klett, M. D. (2000) Presenter, Idaho Virtual Classroom (IVC), University of Idaho. Information Idaho Technology Exposition. Boise, ID

Klett, M. (1999) Speaker: Roosevelt University, Community College Education Forum. Educational Technology. Schaumburg, IL

Klett, M. (1999) Guest Speaker: Roosevelt University, Science for the Elementary School. META Program. Chicago, IL

Klett, M. (1998) Guest Speaker: Roosevelt University, Integrating Technology in Education. META Program. Chicago, IL

Klett, M. (1998) Speaker: Roosevelt University, Community College Education Forum. Technology in Education. Schaumburg, IL

Klett, M. (1997) Speaker: The Idaho Science and Technology Project (ISTEP). National Science Teachers Association, 46th Annual National Convention. Las Vegas, NV

Klett, M. (1997) Facilitator: An Introduction to the Instructional Media Center: Bridging the Gap in Using Technological Resources, Roosevelt University, Schaumburg, IL

Klett, M. (1997) Speaker: Language Development in the Brain, Language Development and Language Arts in Early Childhood Education, Roosevelt University, A. A. Robin Campus, Schaumburg, IL

Klett, M. (1996) Guest Speaker: IdaHOES, Idaho Hands-On Science for Elementary Teachers: Integrating Computers and Networking in the Classroom. Moscow, ID

Klett, M. (1995) Facilitator: Using Technology to Enhance Teacher Preparation, Northwest Association of Teacher Educators Conference. Coeur d'Alene, ID

Klett, M. (1995) Poster Presentation: Idaho Science and Technology Education Project, Conference for Idaho Science Teachers Association. Boise, ID

Other

- Klett, M. (August 2009). Form Facilitator, Uniting Neighbors in the Experience of Diversity (UNITED). <http://www.nmu.edu/UNITED>
- Klett, M. (August 2008). Form Facilitator, Uniting Neighbors in the Experience of Diversity (UNITED). <http://www.nmu.edu/UNITED>
- Klett, M. (August 2007). Form Developer, Uniting Neighbors in the Experience of Diversity (UNITED). <http://www.nmu.edu/UNITED>
- Klett, M., Wozniak, C. (August 2006). HTML Coeditor, Uniting Neighbors in the Experience of Diversity (UNITED). <http://www.nmu.edu/UNITED>
- Klett, M., Graves, S. (2002). HTML Editor, Idaho State Science Teacher's Association (I.S.T.A.). <http://www.uidaho.edu/ista>
- Klett, M., Davis, A. (2002). HTML Editor, Idaho QUEST. <http://www.uidaho.edu/ed/quest> Klett, M. (2000). HTML Editor, Faculty Web Page. <http://www.uidaho.edu/~mklett>
- Klett, M. (1999). Effective Camp Counseling, Idaho QUEST
- Klett, M. (1998). HTML Editor, Specialty Forms, College of Education Web Page. <http://www.roosevelt.edu/academics/coe/forms>
- Klett, M. (1998). HTML Editor, College of Education Web Page. <http://www.roosevelt.edu/academics/coe/>
- Klett, M. (1998). HTML Editor, Faculty Web Page.

Conferences Attended:

International:

- Annual GLOBE Conference, GLOBE Learning Expeditions (GLE), New Haven, CT (2017)
- Association for Science Teacher Education (ASTE), the 24th ASTE International Conference, Des Moines, IA (January, 2017)
- Annual GLOBE Partner Meeting 17th, GLOBE Learning Expeditions (GLE), International GLOBE Workshop, College Park, MD (August, 2013)
- Annual GLOBE Conference 16th Annual GLOBE Partner Meeting, St. Catherine University, St. Paul, MN (2012)
- Annual GLOBE Conference 15th Annual GLOBE Partner Meeting, Calgary, Alberta, Canada (2010)
- Annual GLOBE Conference GLOBE Learning Expeditions (GLE), Cape Town, South Africa (2008)
- Annual GLOBE Conference, GLOBE Learning Expeditions (GLE), San Antonio, TX (2007)
- Congreso de EducaRed, Madrid, Spain (2001) WebNet Conference. (AACE) Honolulu, HI (1999)

National

- FinnFest USA, Finnish Teaching Methods in Practice. Ilona Leimu, Anne Shadrick, Ulla Tervo-Desnick and Tuula Scheinin. Finlandia University, Hancock, MI (2013)
- NSTA North America Regional Meeting (GLOBE) National Convention, San Antonio, TX (2013)
- National Science Teachers Association (NSTA) National Convention, San Antonio, TX (2013)

- National Study of Education in Undergraduate Science Conference, Tuscaloosa, AL (2012)
- NSTA North America Regional Meeting (GLOBE) National Convention, Indianapolis, IN (2012)
- National Science Teachers Association (NSTA) National Convention, Indianapolis, IN (2012)
- NSTA North America Regional Meeting (GLOBE) National Convention, San Francisco, CA (2011)
- National Science Teachers Association (NSTA) National Convention, San Francisco, CA
- NSTA North America Regional Meeting (GLOBE) National Convention, Philadelphia, PA (2010)
- National Science Teachers Association (NSTA) National Convention, Philadelphia, PA (2010)
- NSTA North America Regional Meeting (GLOBE) National Convention, New Orleans, LA (2009)
- National Science Teachers Association (NSTA) National Convention, New Orleans, LA (2009)
- NSTA North America Regional Meeting (GLOBE) National Convention, Boston, MA (2008)
- National Science Teachers Association (NSTA) National Convention, Boston, MA (2008) The Association of American Colleges and Universities (AAC&U) Institute for General Education, New Port, RI (2006)
- National Science Teachers Association (NSTA) National Convention. Science: A River of Connections, St. Louis, MO (2007)
- National Science Teachers Association (NSTA) National Convention, Anaheim, CA (2006)
- The Association of American Colleges and Universities (AAC&U) Network for Academic Renewal Conference, Phoenix, AZ (2006)
- National Science Teachers Association (NSTA) National Convention, Dallas, TX (2005)
- National Science Teachers Association (NSTA) National Convention, Atlanta, GA (2004)
- National Education Computing Conference (NECC) National Convention, Seattle, WA (2003)
- American Educational Research Association (AERA) National Convention, Chicago, IL (2003)
- National Science Teachers Association (NSTA) National Convention, PA, Pennsylvania (2003)
- Professional Development Schools. National Education Agency (NEA), Washington DC (2002)
- National Science Teachers Association (NSTA) National Convention, San Diego, CA (2002)
- Consortium for Earth Science Education (CESE) National Convention, Greenbelt, MD (2002)
- Leave No Child Behind, San Antonio, TX (2001)
- National Science Teachers Association (NSTA) National Convention, St. Louis, MO (2001)
- Society of Information Technology in Education (SITE), Orlando, FL (2001)
- Cable and Education Forum, National Cable Television Association (NCTA), McCormick Place Convention Center, Chicago, IL (1999)
- National Science Teachers Association (NSTA) National Convention, Boston, MA (1999)
- National Science Teachers Association (NSTA) National Convention, Las Vegas, NV (1998)
- EDUCOM '97: Internet educational conference, Minneapolis, MN (1997)
- National Science Teachers Association (NSTA) National Convention, New Orleans, LA (1997)
- National Science Teachers Association (NSTA) National Convention, Philadelphia, PA (1995)

Regional

- UP MACUL Conference, Kingsford, MI (May, 2017) <http://macul.org/events/up/>
- Uniting Neighbors in the Experience of Diversity Conference (UNITED), Marquette, MI (September 2015)
- Lilly Conference on College and University Teaching, Traverse City, MI (October 2014)
- <http://lillyconferences.com/tc/default.shtml>
- Lilly Conference on College and University Teaching, Traverse City, MI (October 2013)
- <http://lillyconferences.com/tc/default.shtml>

- Lilly Conference on College and University Teaching, Traverse City, MI (September 2012) <http://lillyconferences.com/tc/default.shtml>
- The Texas Computer Education Association (TCEA) Austin Convention, Austin, TX (February 2012) <http://www.tcea.org/>
- University of Texas Medical Branch, The Southeast Regional T-STEM Center Galveston, TX (January, 2012) <http://www.utmb.edu/tstem/>
- Lilly Conference on College and University Teaching, Traverse City, MI (September 2010) <http://lillyconferences.com/tc/default.shtml>
- Uniting Neighbors in the Experience of Diversity Conference ([UNITED](#)), Marquette, MI (September 2010)
- Lilly Conference on College and University Teaching, Traverse City, MI (September 2009) <http://lillyconferences.com/tc/default.shtml>
- Uniting Neighbors in the Experience of Diversity Conference ([UNITED](#)), Marquette, MI (September 2009)
- Uniting Neighbors in the Experience of Diversity Conference ([UNITED](#)), Marquette, MI (September 2008)
- Uniting Neighbors in the Experience of Diversity Conference ([UNITED](#)), Marquette, MI (September 2007)
- Seventeenth Annual, Equity in the Classroom, Marquette, MI (March 2007)
- Michigan Science Teachers Association ([MSTA](#)), Regional. Grand Rapids, MI (March 2007)
- UP Conference, Northern Michigan University, Regional, Marquette, MI (October 2006)
- Uniting Neighbors in the Experience of Diversity Conference ([UNITED](#)), Marquette, MI (September 2006)
- National Science Teachers Association (NSTA) Regional Convention, Chicago, IL (March 2005)
- UP Conference, Northern Michigan University, Regional, Marquette, MI (October 2005)
- Michigan Science Teachers Association ([MSTA](#)), Regional. Detroit, MI (March 2005)
- Partners in Education/Idaho Science Teachers Association (ISTA), Lewiston, ID (March 2004)
- Idaho Science, Mathematics and Technology Consortium Conference (ISMTC), Boise, ID (2004)
- Idaho Middle Level Educators (IMLA), Boise, ID (2004)
- Northern Rocky Mountain Educational Research Association (NRMERA), Jackson Hole, Wyoming (2003)
- Idaho Science Teachers Association (ISTA), Idaho Falls, ID (2003)
- University-Wide Conference on Extension and Outreach, "The State is Our Campus: Embracing University-Wide Extension and Outreach". University Inn, Moscow, ID (2002)
- National Science Teachers Association (NSTA) Regional Convention, Portland, OR (2002)
- Idaho Science Teachers Association (ISTA), Hailey, ID (2002)
- Northern Rocky Mountain Educational Research Association (NRMERA), Jackson Hole, WY (2001)
- Idaho Science Teachers Association (ISTA), Idaho Falls, ID (2001)
- National Science Teachers Association (NSTA) Regional Convention, Boise, ID (2000)
- Northern Rocky Mountain Educational Research Association (NRMERA), Park City, UT (2000)
- Idaho Science Teachers Association (ISTA), Boise, Idaho; Boise, ID (1994)
- Conference for the Advancement of Science Teachers (CAST). Austin, TX (1993)
- Conference for the Advancement of Science Teachers (CAST). Fort Worth, TX (1992)
- Conference for the Advancement of Science Teachers (CAST). Waco, TX (1991)
- Conference for the Advancement of Science Teachers (CAST). Fort Worth, TX (1990)

GRANTS AND CONTRACTS:

Applied, Program Description

Funded, Program Description

Co-Investigator, teacher and student movement in the classroom using low-cost indoor positioning hardware. College of Health Science and Professional Studies grant (2014), Northern Michigan University \$2,300

Project Developer, Development of an Exploratory Trip to Brazil to Establish Economic, Academic Service Learning, Collaboration, and Language Skills, U.S. Department of Education FIPSE Grant Proposal (2014), Northern Michigan University, \$10,500

Project Co-Developer, Train the trainer, experiential education (T²E²). Center for Rural Development Grant (2013), Northern Michigan University \$3,000

Project Co-Developer, National Oceanic and Atmospheric Administration, (NOAA) Global Learning and Observations to Benefit the Environment Mini-Grant (2011). Northern Michigan University, \$3,300 Budget

Wildcat Innovation Challenge Grant [Extension], Undergraduate Research Scholars Grant Program (2010-2012). Northern Michigan University, \$25,000

Project Co-Developer, Wildcat Innovation Challenge Grant, Undergraduate Research Scholars Grant Program (2009-2010). Northern Michigan University, \$25,000

Project Developer, Superior Teaching ESS Programs in the Upper Peninsula [STEP UP], Earth System Science Education Alliance (ESSEA) Principle Investigator (2009), Northern Michigan University, \$73,788

Project Developer, NOVA: Creating Change in Higher Education, NASA Development Grant (2006), Northern Michigan University, \$42,180

Project Coordinator, College of Education/College of Natural Resources Collaborative Distance Learning at the McCall Outdoor Science School, University of Idaho Distance Learning Grant, \$2,400

Project Coordinator, Windows on the Universe (WOTU), Idaho Space Grant Consortium, \$5,000

Project Co-Coordinator, Mission to Planet Mars (MTPM), State Eisenhower Grant. \$18,000 Project

Coordinator, Windows on the Universe (WOTU), Idaho Space Grant Consortium, \$2,000 Project Co-

Coordinator, Mission to Planet Mars (MTPM), State Eisenhower Grant. \$18,000 Project Co-

Coordinator, Idaho Hands-On Elementary Science (IdaHOES), State Eisenhower Grant. \$34,000

Co-Author, Idaho Hands-On Elementary Science (IdaHOES North), State Eisenhower Grant.

\$28,556

Co-Investigator, Learning Styles Inventory as Aid to Student Success in a Peer Mentoring Program, P.D.K.-Mini Grant. (\$200)

Project Co-coordinator, Idaho Constructing Physics Understanding (ICPU), State Eisenhower Grant. \$30,000.

Not Funded

- Project Developer, Common Alignment of Mathematics and Science Education (MSED) Courses. Northern Michigan University Curriculum Development Grant (2014), Northern Michigan University \$12,000
- Project Developer: Mounia Ziat, Project Co-Developer, Identify Gifted and Talented Children by Engaging Creativity Using an Interactive Grid Table - ID: 56430. John Templeton Foundation (2014) \$ 271,093
- Project Co-Developer, Community Environmental Education Program (CEEP) Global Train the trainer, experiential education (T^2E^2). College of Professional Studies (2013), Northern Michigan University \$5,000
- Project Developer, BEACHESS: Becoming Environmentally Aware, Climate Change in ESS. Northern Michigan University, National Oceanic and Atmospheric Administration, (NOAA) \$1,1730,300 (2013)
- Project Coordinator, STEM Action Research and Assessment of Critical Thinking (STAR ACT),
- Co-Coordinator, Leadership in Education within U.S. America's Diverse Classrooms (LEADC), U.S. Department of State, Bureau of Educational and Cultural Affairs, \$110,000 (2009)
- Project Co-Coordinator, International Student Leadership, State Department. \$150,000
- Project Co-Coordinator, UNITED Freshmen Fellows to Senior Research Program [UNITED F2SR], \$25,000 (2008)
- Project Co-coordinator, Teaching Quality Grant in Idaho (TQGI), Department of Education, \$4,000,000
- Project Coordinator, Technology for All Students (TFAS), State Department of Education, \$131,985
- Project Coordinator, Teaching Traditional American History in Idaho (TTAHId), Department of Education, \$700,000
- Project Coordinator, Science-based Interactive Mars Mission Simulation (SIMMS), Idaho Space Grant Consortium, \$15,000
- Project Co-Coordinator, Preparing Tomorrow's Teachers to Use Technology (PT3), department of Education. \$997,000
- Project Developer, Hand Held Computers: Using Mobility for Data Collection, NWACT Northwest Association of Computer Geeks Development Grant, \$10,000
- Project Co-Coordinator, Making Mathematics Interesting (IdaHOES), State Eisenhower Grant. \$24,000
- Project Developer, NOVA: Creating Change in Higher Education, NASA Development Grant, \$25,000
- Project Developer, Illinois Tool Works: Kitchen Chemistry (ITW), Private Contract Grant, \$10,000
- Project Coordinator, Mathematics, Science, and Technology (MASTERS), State Eisenhower

Grant. \$34,930

- Project Co-Coordinator, Idaho Hands-On Elementary Science III (IdaHOES), State Eisenhower Grant. \$30,000

Student/Community Involvement:

Klett, M., (March 2015). Science Olympiad Referee, Forensic Science: Technical Problem Solving: CSI, Seaborg Science Center. Marquette, MI

Discovery Science Summer program Integrating Science, Technology, Engineering and Math (STEM) Tyler, TX (2014) <http://www.discoveryscienceplace.org/>

Summer youth program for Native Americans focusing on Science, Technology, Engineering, and Math (STEM) Marquette, MI (2011)

Science Fair Judge: Kindergarten - Sixth grade, NICE School District, Ishpeming, MI (2005) Rocks and Minerals Club, Northern Michigan University, Marquette, MI (2004-2005)

Adventure Club- Kindergarten-Sixth grade, Lena Whitmore Elementary School, Moscow, ID (2004)

Home school challenge- Third-Sixth grade, University of Idaho, Moscow, ID (2003)

Physical Science Eighth - Ninth grade, Moscow Renaissance Charter School, Moscow, ID (2003)

Family Science: Kindergarten - Sixth grade, Garfield Elementary School, Garfield, Washington (2000)

Science Day Camp: A. B. McDonald Elementary School, Fourth - sixth grades, Moscow, ID (1996)

Family Science Night: Fifth grade, Westpark Elementary School, Moscow, ID (1996)

Family Science Night: Halloween Science: Lena Whitmore Elementary School, Moscow, ID (1996)

Family Science Night: A. B. McDonald Elementary School, Moscow, ID (1996)

Family Science Night: Fourth grade - Sixth grade, Russell Elementary School, Moscow, ID (1996)

Family Science Night: Early Childhood Development, Turning Point Private School, Moscow, ID (1996)

Family Science Night: Fourth grade - Sixth grade, Lena Whitmore Elementary School, Moscow, ID (1996)

Science Fair Judge: Kindergarten - Sixth grade, Moscow School District, Moscow, ID (1996) Family

Science Night: Kindergarten - Third grade, Lena Whitmore Elementary School, Moscow, ID (1996)

Family Science Night: Third grade, Westpark Elementary School, Moscow, ID (1995) Family

Science Night: Kindergarten-Sixth grade, Dalton Elementary School, Dalton, ID KinderSCI,

Kindergarten Hands-on Science: Pullman Daycare Center, Pullman, WA (1994) Bournelli's

principles in the classroom: Presentation University of Idaho, Moscow, ID (1994)

A.C. New M. S. Science Club Sponsor and Founder. Mesquite, TX (1987-1993)

American Heart Association, Jump Rope for Heart. Mesquite, TX (1993)

Using Travel Brochures to Stimulate Interest in Geologic Time: Presentation Mesquite Independent School District Teachers. Mesquite TX (1988)

Science Fair Coordinator, A. C. New Middle School. Balch Springs TX (1987-94)

Other Certifications

Maintaining a current certification; Texas Teacher Certification

- Provisional High School English
- Provisional High School Earth Science
- Obtaining additional training related to one's field: APP Development

National Association of Underwater Instructors (NAUI)

- NAUI Master Diver
- NAUI Rescue Diver

The following persons may write letters of recommendation on my behalf:

Northern Michigan University
College of Professional Studies
School of Education, Leadership, and Public Service
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