CURRICULUM VITAE
University of Idaho

NAME: Davis, John C. **DATE:** February 2, 2013
(Note: prior to 1997, last name was Fodor-Davis)

RANK OR TITLE: Associate Professor, Science Education
Affiliate Associate Professor, Geology

DEPARTMENT: Curriculum & Instruction

OFFICE LOCATION AND CAMPUS ZIP: Education Bldg., 506A **OFFICE PHONE:** (208) 885-7703

DATE OF FIRST EMPLOYMENT AT UI: August 1993

DATE OF TENURE: April 1999

DATE OF PRESENT RANK OR TITLE: April 1999

EDUCATION BEYOND HIGH SCHOOL:

Degrees:

Ph.D., Education, 1993, Utah State University, Logan, Utah
M.S., Secondary Education, 1990, Utah State University, Logan, Utah
B.S., Geology, 1983, Utah State University, Logan, Utah

Certificates and Licenses:

Raft Guide & Geologic Interpreter, 2007, Salmon River Experience, Riggins, ID
Middle School Endorsement (5-8), 1988, Utah State University, Logan, Utah
Secondary Education Teaching Credential, 1986, Utah State University, Logan, Utah
NAUI (1971) and PADI (2002) Advanced SCUBA certifications
Emergency Medical Technician, State of Utah, 1975-1981
Member, National and Professional Ski Patrol, 1975-present

EXPERIENCE:

Teaching, Extension and Research Appointments:

January ’12-Present, Associate Professor, Science Education, Department of Curriculum & Instruction, College of Education, University of Idaho. Teach undergraduate Core and secondary science methods courses; advise undergraduate and graduate students to timely program completion; continue ongoing development, implementation, and productivity regarding a research agenda relevant to professional interests; purposefully engage in relevant outreach and service activities.

January '12-Present, Affiliate Associate Professor, Department of Geological Sciences, University of Idaho. Assist with geology education major advising; teach relevant geology courses.

January, 2009-December, 2011. Associate Professor, Geological Sciences & Science Education, University of Idaho. Joint position including the Department of Geological Science (51%) in the College of Science, Department of Curriculum & Instruction, College of Education (49%). Geological Sciences: teach courses in entry-level geology courses; engage in geoscience education research, program development, and external funding activities; engage in graduate education. Curriculum & Instruction: teach courses in science education, measurement & evaluation, and curriculum and instructional design courses; advise undergraduate students to program completion; engage in service at the department, college, and university levels.

Teaching, Extension and Research Appointments (cont.)**:**

July, 2007-January, 2009, Associate Professor, Education, Department of Curriculum & Instruction, University of Idaho. Teach graduate and undergraduate general and secondary science methods courses, graduate measurement and gifted and talented (GT) courses; advise undergraduate and graduate students to timely program completion; continue to develop and implement a research agenda relevant to professional interests; engage in service activities.

June, 2005-July, 2007, Interim Chair & Associate Professor, Department of Curriculum & Instruction, University of Idaho. Responsibilities include faculty evaluation, program management, scheduling, budget & financial development & management, faculty and student advising, public relations, teaching, service, and research assignments. Position manages programs and personnel statewide, coordinated via 3 campus centers in Moscow, Boise, and Coeur d' Alene.

February, 2004-December, 2009, Adjunct Associate Professor, Geology, Department of Geological Science, University of Idaho; assist with geology education major advising, teach relevant geology courses.

July 1999-June, 2005, Associate Professor, Education, Division of Teaching, Learning, & Leadership, University of Idaho. Teach graduate and undergraduate science methods, educational technology, general methods,, and graduate measurement courses; advise undergraduate and graduate students to timely program completion; continue to develop and implementdevelop a research agenda relevant to professional interests; serve on department, college, university, and community service committees as requested.

August 1993-June 1999, Assistant Professor, Education, Division of Teaching, Learning, & Leadership, University of Idaho. Teach graduate and undergraduate general methods, educational technology, and measurement courses; develop and implement programs designed to enhance elementary, middle and secondary education; develop a research agenda relevant to professional interests;

December 1993-June 1994, Science Teacher, Moscow Junior High School, Moscow, Idaho. Taught (1 period per day) physical chemistry to 8th grade science students.

December 1992-July 1993, Assistant Professor, Science Education (non-tenure track), Department of Curriculum and Instruction, University of Nevada, Reno, Nevada. Developed and taught undergraduate and graduate methods courses; supervised elementary, middle, and secondary practicum students and student teachers; developed and implemented funding proposals.

July 1989-November 1992, Adjunct Instructor/Graduate Assistant, Department of Secondary Education, Utah State University, Logan, Utah. Taught undergraduate and graduate measurement, general methods, and classroom management courses; supervised secondary science, mathematics and social studies student teachers; teaching assistant for undergraduate elementary and secondary science methods and graduate research courses; prepared relevant funding proposals.

August 1986-June 1989, Science Teacher, South Cache Middle School, Hyrum, Utah. Taught earth, physical, and life science in addition to health and physical education to 7th and 8th grade middle school students, served as head of science department from June 1988-June 1989.

Non-Academic Employment:

June 1988-April 1989, Technical Writer, Omnidata International, Logan, Utah. Produced instruction manuals for new software and other technical products.

Non-Academic Employment (cont.):

September 1984-July 1985, Geologist, Alanmar Oil Company, Santa Barbara, California. Assisted the senior geologist and senior engineer in locating economic subsurface oil and gas.

January 1984-September 1984, Geologist, Geosoils Inc., Irvine, California. Performed subsurface logging and sampling in conjunction with soil investigations; organized and managed the soils laboratory using current methods and equipment to analyze soils related to preliminary and ongoing field projects; prepared reports of field investigations.

Academic Administrative Appointments:

June, 2005-July, 2007, Chair & Associate Professor, Department of Curriculum & Instruction, UI
September 2005-2006, Project Director, Idaho MSP Hands-On Science project
June 2005-present, Consultant, McCall Outdoor Science School (MOSS)
June 2005-July, 2006, Project Coordinator, Wright Scholars Cohort 6
September 1999-July 2003, Project Director, Preparing Tomorrow's Teachers to use Technology.
August 1999-present, Co-Director, Institute for Mathematics, Interactive Technologies, and Science.
June 1994-August 1999, Region II Educational Technology Advisor, State of Idaho.
June 1995-June 1997, Project Director, US WEST EdNet Project. University of Idaho, Moscow, Idaho.
June 1995-September, 1977, Project Co-Director, US WEST Multimedia Project. University of Idaho.
June 1995-June 1996, Principal Investigator, IDTEC-M State Eisenhower Project. University of Idaho.
May-1994, Project Coordinator, Mathematics and Science Teacher Project.
August 1993-August, 1999, Coordinator, ITMC, University of Idaho.

Consulting:

April 2002, Technical Consultant, Coeur d'Alene Tribal Council. Provided technical assistance regarding evaluation of soils report and architectural modification of the Early Childhood Center.
September 2001-September 2003, Consultant, Lifelong Learning Online project. Technical reviewer for the project materials.
September 1997-present, Consultant, Idaho Virtual Campus project. Prepare new and review existing online courses for the State Board of Education funded IVC project.
August 1994-present, Educational Consultant (private). Review relevant text materials and provide expertise to schools regarding use of educational technology.
June 1989-September 1990, Consultant, National Science Foundation sponsored Mathematics Inservice Project, Utah State University, Logan, Utah. Reviewed instructional materials incorporated into an inservice video program for mathematics teachers.

TEACHING ACCOMPLISHMENTS:

Areas of Specialization:

General Methods
Classroom Management
Science Education
Educational Technology
Measurement and Evaluation
Physical Geology
Geomorphology
Environmental Geology

Courses Taught:

University of Idaho (1993-present)
- CORS 205, Earth, System, Society
- EDTE 314, Strategies of Teaching
- EDCI 201: Orientation to Education
- EDCI 301: Educational Psychology
- EDCI 302, Strategies of Curriculum Instruction, & Assessment
- ED 328, Educational Technology
- EDTE 321/327, Integrated Science & Social Studies Elementary Methods
- EDCI 433/443, Secondary Science Methods
- ED 501, Technology for Teachers
- EDTE 503, Multimedia in Education
- ED 510: Context for Teachers
- EDCI 511, Curriculum Design
- EDCI 519 Foundations of GT Education
- EDCI 514, Creative/Critical Thinking Skills in GT
- EDCI 517, Curriculum/Instruction in GT
- EDCI 515, Social/Emotional Needs in GT
- EDCI 530, Science Education
- EDCI 597, Practicum/Program Design for GT
- EDCI 524, Models of Teaching
- EDAD 541, School Administrative Technology Applications
- EDCI 572, Measurement & Evaluation
- EDCI 599, Thesis/Dissertation Research
- GEOL 111, Physical Geology
- GEOL 335, Geomorphology
- GEOL 361, Geology & the Environment
- GEOL 404, ST: Earth Science Topics
- GEOL 504, ST: Geosystems

University of Nevada, Reno (1992-1993)
- CI 350, Middle School Practicum
- CI 452, Elementary School Practicum
- CI 550, Internship Seminar (secondary science and mathematics)
- CI 634, Classroom Management

Utah State University (1989-1992):
- SecEd 301, Systematic Teaching Methods
- SecEd 302, Foundations of Education
- SecEd 404, Evaluating Student Achievement
- SecEd 450, Student Teaching Seminar
- SecEd 600, Classroom Management Strategies
- SecEd 604, Measurement and Evaluation in Education

Special Projects:

June 1997, Idaho Technology Performance Assessment
Revised June 2005, retired, July 2007

Workshops:

June 2004, Faculty Enhancement Educational Technology Workshop
June-July 2002, Preparing Tomorrow's Teachers to use Technology University of Idaho
June-July 2001, PT3, University of Idaho
June-July 2000, PT3, University of Idaho
April 1997, Educational Technology Enhancement, Heredia, Costa Rica
March 1996, Exploring Intra-Planetary Communications, Heredia, Costa Rica

Workshops (cont.**):**

February 1996, Educational Technology Coordinator Workshop, Lewiston, Idaho
November 1995, Hands-On Science, Sagle Elementary School, Sagle, Idaho
October 1995, Orientation to Educational Technology, Troy, Idaho
June 1995, Using Educational Technology, Bonner County School District, Sandpoint, Idaho
September 1995, Hands-On Science, Lakeside School District, Rathdrum, Idaho
January 1995, Technology Training Series, University of Idaho
September 1994, Overview of Educational Technology, University of Idaho, Moscow/Coeur d'Alene

Honors and Awards:

2007, Alumni Award for Faculty Excellence
2005, Nominated for University Advising Award
2004, Nominated for University Advising Award
1997, Alumni Award for Faculty Excellence
1996, Nominated for University Teaching Award

SCHOLARSHIP ACCOMPLISHMENTS:

Publications, Exhibitions, Performances, Recitals:

Refereed/Adjudicated:

Goldberg, A., Davis, J. & Eitel, K. 2013. Bringing Authentic Landscapes into the Classroom with Erosional Models that Connect Science and Engineering Practices. (*Science Scope*)

Bohlscheid, J. & Davis, J. 2012. Higher Education Science Student Perspectives on Classroom Instructional Methods: A Pilot Study. *Journal of Food Science Education*.

Kmitta, D., & Davis, J. 2004. Why PT3? The Impact of Educational Technology upon Student Achievement. *Contemporary Issues in Educational Technology.*

Dyer, D., Gunter, M., Davis, J., & Odell, M. 2004. Integrating new methods into teaching mineralogy. *Journal of Geoscience Education*.

Davis, J., Canney, G., & Kmitta, D. 2003. A Study of the Effectiveness of Using Computers to Assess the Phonic Knowledge of Preservice Teachers. *Computers in the Schools*.

Fodor-Davis, J.C. 1993. Integrating Technology with Science Education: Concerns and Suggestions. *Journal of the Idaho Academy of Science*, 29, 2.

Peer Reviewed/Evaluated:

Kmitta, D., & Davis, J. 2004. An Analysis of the Impact of Educational Technology Upon Student Achievement, Organizational Climate, and Cost Efficiency. Proceedings of the Tenth International Literacy and Education Research Network Conference on Learning

Davis, J., Kmitta, D., Abbitt, J., & Odell, M. 2003. Alternative-delivery of Instruction: An Investigation on the Effectiveness of Online Instruction. Proceedings of the Hawaii International Conference on Education.

Peer Reviewed/Evaluated (cont.**).**

Davis, J., & McClelland, W. 2002. Science instruction: An integrated approach. Proceedings of the Hawaii International Conference on Education.

Davis, J. 2001. Integrating Educational Technology and Restructuring Teacher Education in Idaho. *Technology and Teacher Education Annual*.

Davis, J. 1999. Developing Online Courses: A Comparison of Web-based Instruction with Traditional Instruction. *Technology and Teacher Education Annual*.

Fodor-Davis, J.C. & Hennigan, T. 1997. Exploring Intra-Planetary Communication: Classroom Use of Multimedia and Telecommunication. *Technology and Teacher Education Annual.*

Fodor-Davis, J.C. 1996. Desktop Video Conferencing: K-12 School and University Uses and Implications. *Technology and Teacher Education Annual*.

Published Manuscripts:

Davis, J., Pedras, M., & Nelson, J. 1997. Educational Technology & Teaching (2nd ed). Moscow: Educational Consultants International.

Unpublished Manuscripts:

Coleman, S., & Davis, J. 1997. Idaho Technology Performance Assessment. Idaho State Board of Education.

Fodor-Davis, J.C. 1993. Multi-Level Test Item Development. Unpublished doctoral dissertation, Utah State University, Logan, Utah.

Fodor-Davis, J.C. 1990. Experience-Based Direct Instruction for Science Vocabulary. Unpublished master's thesis, Utah State University, Logan, Utah.

Fodor-Davis, J.C. 1989. PolyTools Application Development Software User's Instruction Manual. Unpublished manuscript.

Presentations and Other Creative Activities:

Davis, J. 2012. Teaching and Learning Geomorphology: Using a Constructivist-Based Inquiry Case Study Approach to Examine Depositional Environments along the Salmon River, Idaho. Presentation at the Rocky Mountain section of the Geologic Society of Americal, Albuquerque, New Mexico.

Davis, J. & Bohlscheid, J. 2011. Higher education student perspectives on classroom instructional methods. Presentation at the annual meeting of the Geological Sciences of America, Minneapolis, MN.

Davis, J. 2009. A Comparison of Inquiry and Didactic Teaching Methods in a Rural Community College Earth Science Course. Presentation at the Cordillerean section of the Geologic Society of America, Kelowna, BC. Canada.

Davis, J. 2005. Earth System Science: An Inquiry-Based, Integrated Approach to Instruction. Presentation at the Cordilleran section of the Geologic Society of America, San Jose, California.

Presentations and Other Creative Activities (cont.**):**

Davis, J. 2004. PT3: Did it Make a Difference? Presentation at the Society for Information Technology in Education, Atlanta, Georgia.

Davis, J., & Kmitta, D. 2003. An Analysis of the Impact of Educational Technology Upon Student Achievement, Organizational Climate, and Cost Efficiency. The Tenth International Literacy and Education Research Network Conference on Learning, London, England.

Davis, J., & McClelland, W. 2003. Science instruction: An integrated approach. Presentation at the annual meeting of the Hawaii International Conference on Education, Honolulu, Hawaii.

Davis, J., Kmitta, D., Abbitt, J., & Odell, M. 2003. Alternative-delivery of Instruction: An Investigation on the Effectiveness of Online Instruction. Presentation at the annual meeting of the Hawaii International Conference on Education, Honolulu, Hawaii.

Davis, J., & Klett, M. 2003. Science Education: Creating a Presence on the Web. Presentation at the annual meeting of the National Science Teachers Association, Philadelphia, Pennsylvania.

Davis, J., & Smith, D. 2002. Science Inquiry: From field research to the classroom. Presentation at the annual meeting of the National Science Teachers Association, San Diego, California.

Davis, J., & Klett, M. 2002. Website Design & Evaluation. Presentation at the annual meeting of the National Science Teachers Association, San Diego, California.

Davis, J. 2002. Science Process Skills: What's All the Fuss? Presentation at the annual meeting of the Idaho Science Teachers Association, Sun Valley, Idaho.

Davis, J., Abbitt, J., & Odell, M. 2002. Promoting Web-Enhanced and Web-Based Courses by Focusing on Technology Integration in Higher Education. Presentation at the annual meeting of E-Learn, Montreal, Canada.

Davis, J., Tipton, M., & Hansen, R. 2001. Spirit of the Collaborative Exchange Process. Presentation at the annual PT3 grantees meeting, Washington, DC.

Davis, J., Brown, A., & Oharheim, K. 2001. What's in it for Me? Providing Incentives to Drive Local and Institutional Change. Presentation at the annual PT3 grantees meeting, Washington, DC.

Davis, J. 2001. Teaching Science Process Skills: An alternative to the "scientific method." Presentation at the annual meeting of the National Science Teachers Association, Salt Lake City, Utah.

Davis, J. 2001. Integrating Technology into Science Education. Presentation at the annual meeting of the Idaho Science Teachers Association, Idaho Falls, Idaho.

Davis, J., & Canney, G. 2000. Using computers to assess phonic knowledge of pre-service teachers. Presentation at the annual meeting of the Society for Information Technology in Education, San Diego, California.

Davis, J., & Odell, M. 1999. Developing Online Courses: A Comparison of Web-based Instruction with Traditional Instruction. Presentation at the annual meeting of the Society for Information Technology in Education, San Antonio, Texas.

Davis, J. 1999. Technology Assessment Symposium. Discussant at the annual meeting of the Idaho Falls School District #91 Technology Conference.

Presentations and Other Creative Activities (cont.)**:**

Davis, J. 1999. Using Technology in the Classroom. Presented at the annual meeting of the Idaho Falls School District #91 Technology Conference.

Davis, J. 1999. On-line Instruction: The Idaho Virtual Campus Project. Presentation at the annual

meeting of WEBNET, Honolulu, Hawaii.

Graves, S., & Davis, J. 1999. Using Virtual Reality Mark-up Language in Educational Applications. Presentation at the annual meeting of E-LEARN, Seattle, Washington.

Davis, J. 1998. Integrating Educational Technology into Mathematics Curriculum. Presentation at the annual meeting of the National Council on Teachers in Mathematics, Reno, Nevada.

Davis, J.C., & Horton, J.D. 1997. Integrating the Internet into Education. Presentation at the annual meeting of the Northwest Educational Technology Consortium, Portland, Oregon.

Davis, J.C., & Horton, J.D. 1997. Online Resources for Teaching Mathematics, Science, and Technology. Presentation at the annual meeting of the Northwest Educational Technology Consortium, Portland, Oregon.

Davis, J.C., & Graves, S. 1997. VRML: exploring virtual worlds for education. Presentation at the annual meeting of WEBNET, Toronto, Canada.

Pedras, M., Schmidt, W., & Davis, J.C. 1997. Enhancing Instruction using Multimedia. Presentation at the Northwest Association of Teacher Educators, Coeur d'Alene, Idaho.

Fodor-Davis, J.C. 1997. Secondary Science Teacher Enhancement Program on the Juneau Icefield, Juneau, Alaska. Presentation at the 1997 meeting of the Cordilleran Section of the Geologic Society of America, Kona, Hawaii.

Fodor-Davis, J.C. & Coleman, S. 1997. Idaho Educational Technology Inservice Training. Presentation at the 1997 meeting of the Northwest Council on Computers in Education, Portland, Oregon.

Fodor-Davis, J.C. & Hennigan, T. 1997. Exploring Intra-Planetary Communication: Classroom Use of Multimedia and Telecommunication. Presentation at the 1997 meeting of the Society for Information Technology in Education, Orlando, Florida.

Fodor-Davis, J.C. 1996. Desktop Video Conferencing: K-12 School and University Uses and Implications. Paper presented at the 1996 meeting of the Society for Information Technology Conference, Phoenix, Arizona.

Fodor-Davis, J.C. 1996. Educational Technology in the Schools. Paper presented at the 1996 University of Idaho Media Fair.

Fodor-Davis, J.C. 1992. Multi-Level Test Item Development. Paper presented at the 1992 meeting of the Pacific Division of the American Association for the Advancement of Science, Santa Barbara, California.

Fodor-Davis, J.C. 1991. Experience-Based Direct Instruction for Science Vocabulary. Paper presented at the 1991 meeting of the Pacific Division of the American Association for the Advancement of Science, Logan, Utah.

Grants and Contracts Awarded:

Davis, J., Kitchel, A., & Miller, B. 2012. Assessing Idaho Secondary Inservice Teachers Educational Technology Competence. CoED Dean's Initiative: P-12 School Reform, $6,198.

McIlroy, D. & Davis, J. (2006). GK-12 STEPS project. National Science Foundation funding, $1.8M, 3 years.

Davis, J., Ewers, T., Davis, A., & Odell, M. (2005). Idaho Hands-On Elementary Science. Mathematics & Science Partnership Program funding, State Department of Idaho, $92,298, 1 year.

Davis, J., & Forney, L. (2004). A DNA Primer: A Workshop for Secondary Biology Teachers. Idaho State Department of Education, $47,502, 1 year.

Gunter, M., Darby, D., Davis, J., & Odell, M. (2001) Developing an Integrated Mineralogy Technology Textbook. National Science Foundation (NSF) $225,000, 3 years.

Davis, J., Kmitta, D., & Ewers, T. (2001). Mathematics Inservice Project, Idaho State Department of Education, $51,000, 1 year.

Odell, M., & Davis, J. (2000). Fund for the Improvement of Post Secondary Education (FIPSE), $1,000,000, 3 years.

Davis, J. 2000. Legislative Inservice Project. State of Idaho, $170,000, 1 year.

Davis, J., Odell, M., Kearney, R. & Kennedy, T. 1999. Department of Education (Preparing Tomorrow's Teachers to use Technology), $1,104,000, 3 years.

Odell, M., Davis, J.C., & Kearney, R. 1999. Idaho Virtual Campus. FIPSE, $180,000, 2 years.

Davis, J.C. 1999. Legislative Inservice Project. State of Idaho, $170,000, 1 year.

Davis, J.C. 1998. Legislative Inservice Project. State of Idaho, $175,000, 1 year.

Davis, J.C. 1997. Legislative Inservice Project. State of Idaho, $175,000, 1 year.

Fodor-Davis, J.C. 1996. Legislative Inservice Project. State of Idaho, $175,000, 1 year.

Gentry, D., and Fodor-Davis, J.C. 1995. Exploring Intra-Planetary Communications. US WEST Foundation, $280,000, 1 year.

Gentry, D., Fodor-Davis, J., Barr, R., and DePape, J. 1995. Educational Network Project. US WEST Foundation, $480,000, 1 year.

Fodor-Davis, J. 1995. Legislative Inservice Project. State of Idaho, $175,000, 1 year.

Fodor-Davis, J., Brothers, K., and Crowson, C. 1994. Idaho Design and Engineering Technology for Middle School (IDTEC-M). $21,271, 1 year.

Fodor-Davis, J., Odell, M., Teasdale, J., Boonstra, D., and Carr, K. 1994. Teacher Enhancement: Physics Education (TEPE). State Department of Education (Eisenhower), $28,575, 1 year.

Odell, M., Fodor-Davis, J.C., and Munsch, T.R. 1994. Integrated Science/Technology/Social Studies Methods for Elementary Teachers. Office of Teacher Enhancement, University of Idaho, $12,009, 1 year.

Grants and Contracts Awarded (cont)**:**

Gentry, D., Fodor-Davis, J.C., Odell, M., Rogers, H., and Yopp, M. 1994. Educational Technology Proposal. Idaho State Board of Education, $300,000 ($100,000 ongoing, $200,000, 1 year).

Fodor-Davis, J.C., Garcia, R., and Odell, M. 1993. Instructional Enhancement Mini-Grant. Matching funds instructional equipment enhancement grant, $1,060, 1 year.

Fodor-Davis, J.C., and Heikkinen, M.W. 1992. Technology Training and Implementation for Preservice and Inservice Science Teachers. Educational Technology Initiative Grant (Utah), $14,274, 1 year.

Fodor-Davis, J.C., & Hanks, K. (1988). Technology Enhancement Grant. Campbell Scientific, $3,000, 1 year.

SERVICE:

Major Committee Assignments:

University of Idaho:
University Committee on General Education (Spring, 2012)
College of Education Teacher Education Task Force
College of Education College Planning Work Group Ad-Hoc Committee
University Curriculum for General Education Committee
University of Idaho Instructional Technology Committee
University of Idaho Institutional Research and Assessment Advisory Board
University of Idaho Instructional Media Services Advisory Committee, August 1993-2000
Committee Chair, 1997-99
University of Idaho Student Computing Advisory Committee, March 1998-2000
College of Education Assessment Task Force Ad-hoc Committee, 2003-present
College of Education Dean's Advisory Council, 2002-present
College of Education Tenure & Promotion Committee, 1999-2001
College of Education Technology Advisory Council, September 1993-2000

State of Idaho:
Board of Directors, Idaho Science, Mathematics & Technology Consortium, 2004-2005
Idaho State Textbook Review Committee, 2002-07
ICTL Region II Educational Technology Advisor, 1995-98

Professional and Scholarly Organizations (current and past):

National Science Teachers Association
Geologic Society of America
National Association of Geoscience Teachers
Idaho Science Teachers Association
Association for the Advancement of Computers in Education
International Society for Technology in Education
American Association for the Advancement of Science (past)

Outreach Service:

University of Idaho:
January 2013-Present. Member, Moscow Charter School Principal Search Committee.
April, 2012. Presenter & discussant, University of Idaho, CoNR Department of Environmental Studies Annual Seminar Series.

Outreach Service (cont)**:**

January -June, 2012. Evaluator, Moscow Charter School Charter Revision Committee.
August 2003-2005, Secondary Program Coordinator, Division of Teaching, Learning, Leadership,
January 1997-Jan 2001, Editorial Review Board Member, *Electronic Journal of Science Education*.
March 1996-September 1998, Program Consultant, Universidad Nacional, Heredia, Costa Rica. Assist the College of Education (CIDA) with program development issues.
April 1996, Chair, Science Education Section, 1996 Annual Meeting of the Idaho Academy of Sciences.

August 1994-present, Textbook reviewer. Reviewed 3 textbooks to date for various national publishers.
May 1994-2003, Academic Staff, Glaciological and Arctic Sciences Institute, University of Idaho, Moscow, Idaho.
May 1993-2005, Editorial Review Board Member, *Computers in the Schools*. Reviewed 19 articles submitted for publication to date.
November 1992-September 1993, Co-Principal Investigator, Utah State University, Logan, Utah. Co-direct the Technology Training and Implementation for Preservice and Inservice Science Teachers Grant, a State of Utah Educational Technology Initiative Grant.
September 1989-June 1990, Graduate Student Senator, Utah State University, Logan, Utah. Served one term as the Department of Secondary Education Graduate Student Senator.
February-May 1988, Research Coordinator, Logan City School District, Logan, Utah. Performed and reported research related to a Productivity Grant.
June-August 1986, June-August 1987, Laboratory/Research Assistant, National Science Foundation sponsored Learning Cycle Project, Utah State University, Logan, Utah. Various research and organizational duties related to a secondary science instruction program.

Utah State University:
College of Education Doctoral Advisory Committee, 1990-March 1992.
Professional Component Review Committee, October 1987.
Earth Science Composite Major Review Committee, October 1987.

Local Community Service:

Member, West Park Improvement Committee (2007-Present)
Member, Rendezvous in the Park Board of Directors (2007-2009)
Member, Lena Whitmore Elementary School Technology Committee, 1997-98.
Geology in Our Lives. Presentation to a local 4-H club group meeting, 1994.
Professional Development School (PDS): The Holmes Group Initiative, Middle-Level PDS implementation, Washoe County School District, Reno, Nevada.