

Curriculum Vitae

David A. Coffland, Ed.D.

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I. Personal Data

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Present Position: Associate Professor, Instructional Methods and Technology
Member, Graduate Faculty
College of Education
Idaho State University

II. Education:

University	Major	Degree/Date
Idaho State University Pocatello, Idaho	Education Leadership: Technology	Ed. D. 1999
Washington State University Pullman, Washington	Math Education	Master of Arts 1991
University of Miami Coral Gables, Florida	Secondary Education: Math	Bach. Science 1986
Virginia Polytechnic Institute Blacksburg, Virginia	Mathematics	Bach. Science 1984

III. Professional Experience

Idaho State University Pocatello, Idaho	Associate Professor Instructional Methods & Technology	2005 – Present
Idaho State University Pocatello, Idaho	Assistant Professor Education Technology	2000 – 2005
Idaho State University Pocatello, Idaho	Research Assistant Technology Evaluation Project	1999 – 2000
Blackfoot School District Blackfoot, Idaho	Multi-Media Developer Technology Challenge Grant	1998 - 1999
Idaho State University Pocatello, Idaho	Teaching Assistant College of Education	1996 - 1998
Idaho State University Pocatello, Idaho	Instructor, Off-Campus Technology Mentor Programs	1996 - 1999
Idaho State University Pocatello, Idaho	Graduate Assistant Technology Challenge Grant	1996 – 1999
Prescott School District Prescott, Washington	Math Teacher, Dept. Chair Taught Grades 7 - 12	1991 - 1996
Washington State University Pullman, Washington	Teaching Assistant Department of Elem/Sec Education	1989 - 1991
Coulee-Hartline School District Coulee City, Washington	Math Teacher, Dept. Chair Taught Grades 9 - 12	1986 - 1989
University of Miami Coral Gables, Florida	Adjunct Instructor School of Education	Summers: 1987 & 1988

IV. Publications

A. Books and Monographs

- 2006 Basketball Math, 3rd Ed. (2002). GoodYear Publishing Company, Tuscon, Arizona. With Jack A. Coffland.
- 2005 Football Math, 2nd Ed. (In Press). GoodYear Publishing Company, Tucson, Arizona. With Jack A. Coffland.
- 2002 Basketball Math, 2nd Ed. (2002). GoodYear Publishing Company, Parsippany, NJ. With Jack A. Coffland.
- 2000 By Teaching We Learn: Standards-Based Assessment Connecting Teacher Performance to Student Learning (2000). Idaho State University College of Education, Pocatello, ID. With Julie Birdsong, Peter Denner, Larry Harris, Jack Newsome, Richard Pearson, Amy Roberts, Stephanie Salzman, Carol Stenson, & Jane Strickland.
- 1995 Basketball Math (1995). GoodYear Publishing Company, Glenview, IL. With Jack A. Coffland.
- 1994 Football Math (1994). GoodYear Publishing Company, Glenview, IL. With Jack A. Coffland.

B. Refereed Journal Articles and Conference Proceedings

- Coffland, D. & Strickland, A. (2004). Factors related to geometry teachers' use of technology. Journal of Computers in Mathematics and Science Teaching 23(4) 347-365.
- Coffland, D. & Cuevas, G. (2003). NCLBA, school districts, and achievement tests: There are measurement issues! Journal of Effective Schools, Vol. 2 (pp.19-30).
- Coffland, D. (2002). Leading without a map. Journal of Effective Schools, Vol. 1 (pp.31-38).
- Strickland, A., Coffland, D., Strickland, J., Coffland, J., & Harris, L. (2001). The use of technology to improve mathematics performance among elementary school students. In C. Montgomerie & J. Viteli (Eds.), Proceedings of ED-MEDIA 2001: World conference on educational multimedia, hypermedia, and telecommunications (pp. 1821-1822). Charlottesville, Virginia: Association for the Advancement of Computing in Education.

Coffland, D. & Strickland, A. W. (2000). Factors related to teacher use of technology in secondary geometry instruction. In D. A. Willis, J. D. Price, & J. Willis (Eds.), Proceedings of the 2000 Society for the Integration of Technology in Teacher Education (pp. 1048-1054). Charlottesville, Virginia: Association for the Advancement of Computing in Education.

Dirksen, D., Bauer, C., Coffland, D., & Naylor, S. (1998). A statewide evaluation on the impact of technology integration. In S. MacNeil, J. D. Price, S. Boger-Mehall, B. Robin, & J. Willis (Eds.), Proceedings of the 1998 Society for the Integration of Technology in Teacher Education (pp. 857-861). Charlottesville, Virginia: Association for the Advancement of Computing in Education.

C. Editorial Work: Editing, Editorials, and Opinion Pieces

Coffland, D. Letter to the Editor (2003). Response to the topic "Is tuition going up to fast, or are colleges caught in an economic bind?" The Chronicle Review, Section B, Page 4, 8/15/03. Chronicle of Higher Education, Washington, D. C.

Editor. Electronic Journal for Integration of Technology in Education. Web Address: EJITE.isu.edu. Member of Editorial Review Board, 2001 to the Present.

Coffland, D. (2001). Editorial: Why another journal? *Electronic Journal for Integration of Technology in Education*. Volume 1, Number 1.

D. Federal and State Reports

1996 Statewide Assessment of Classroom Technology Use. Report to Idaho State Legislature by the Department of Education. With: Debra Dirkson, Christine Nagle, and Sara Naylor.

1993 Final Report for the Prescott Peer Programming Project. Report to the Superintendent for Public Instruction, Washington State Department of Education.

E. Technical Reports

2000 Idaho Council for Technology in Learning Evaluation: Madison School District #321 (2000). Intermountain Center for Education Effectiveness, Pocatello, ID. With E. E. Davis.

- 2000 Idaho Council for Technology in Learning Evaluation: Snake River School District #52 (2000). Intermountain Center for Education Effectiveness, Pocatello, ID. With E. E. Davis.
- 2000 Idaho Council for Technology in Learning Evaluation: Firth School District # 59 (2000). Intermountain Center for Education Effectiveness, Pocatello, ID. With E. E. Davis.

V. Honors and Awards

A. External Grants & Contracts:

- 2005-08 Co-Principal Investigator. League of Schools Math-Science Partnership Project Grant: Middle School Math Teacher Training. A three-year grant awarded by the Idaho State Department of Education to Snake River School District and Idaho State University. Total Award: \$303,332.
- 2004 Co-Principal Investigator. Mathematics & Science Partnership Grant: Summer Institute. Awarded by the Idaho State Department of Education to American Falls School District and Idaho State University. Total Award: \$47,000.
- 2004 Contract award. Secondary Mathematics Content and Methods. Contracted by the Idaho State Juvenile Corrections Center, St. Anthony, ID. Contract amount: \$10,000.
- 1992 Principal Investigator, Prescott Peer Programming Project (P⁴). Chapter II Challenge Grant. Awarded by the Superintendent of Public Instruction, State of Washington. Award: \$39,987.

B. Internal Grants and Awards

- 2005 Co-Principal Investigator. Study of the effects of decision trees on students' achievement on fraction computation. Awarded by the Dean of the College of Education, Idaho State University. Award: \$1,284.
- 2003 Co-Principal Investigator. Generalizability Study for the College of Education Entry Interview Instrument. Awarded by the Idaho State University Faculty Research Council. Award: \$4,635.
- 2001 Co-Principal Investigator, Technology Mediated Instruction Initiative, with B. Ray, J. Strickland, & H. McJunkin. Awarded by the Idaho State University Center for Teaching and Learning. Award: \$4,789.

- 2001 Co-Principal Investigator, Electronic Journal for the Integration of Technology in Education with B. Ray & J. Strickland. Awarded by the Dean of the College of Education, Idaho State University. Award: \$4,987.

C. Awards:

- 1996 Blue Mountain Area (SE Washington) - Finalist, Teacher of the Year.
- 1991 Phi Kappa Phi, Washington State University.
- 1980 Marshall Hahn Scholarship Award Winner, Virginia Polytechnic Institute and State University.

VI. State, Regional, National, and International Presentations

- 2007
- 2006 “Surfing the Standards.” Invited keynote presentation at the 2006 Idaho Council of Teachers of Mathematics annual conference, Burley, Idaho.
- 2005 “Teaching Data Analysis, Probability, and Statistics.” Presentation at the 2005 League of Schools Professional Development Conference, Pocatello, Idaho.
- 2004 “Making Connections with Base 10 Blocks.” Presentation at the 2004 League of Schools Professional Development Conference, Pocatello, Idaho.
- 2004 “Statistics & Data Analysis in K-12 Classrooms.” Presentation at the 2004 League of Schools Professional Development Conference, Pocatello, Idaho with S. Schou, J. Harwood, & K. Kinicki.
- 2003* “Teacher Candidate Admission Interviews: Validity and Generalizability of Candidate Ratings.” Presentation at the 2003 Association of Teacher Educators Conference, Jacksonville, FL. with J. Newsome.
- 2002* “Standards-Based Teacher Education Program Assessment.” Pre-conference Workshop at the 2002 American Association of Colleges of Teacher Education, New York, NY. With J. Birdsong, P. Denner, L. Harris, J. Newsome, S. Salzman, & C. Stenson.
- 2001* “The use of technology to improve mathematics performance among elementary school students.” Presentation at ED-MEDIA 2001: World conference on educational multimedia, hypermedia, and telecommunications, Tampere, Finland. With A. Strickland, J. Strickland, J. Coffland, & L. Harris.
- 2001 “Databases in Secondary Mathematics, Science, & Social Studies Instruction” Presentation at the Intermountain Educational Effectiveness Conference, Pocatello, ID.

- 2000* "Factors Related to Teacher Use of Technology in Secondary Geometry Instruction." SITE2000 Conference, Annual Conference for the Society for the Integration of Technology in Teacher Education, Washington, D.C.
- 2000 "Geometry in the Elementary Grades." Presentation at the Fifth Annual Quality Education Conference, October 6, Pocatello, ID.
- 2000 "Probability in the Elementary Grades." Presentation at the Fifth Annual Quality Education Conference, October 6, Pocatello, ID.
- 1998* "A Statewide Evaluation of Technology Use." SITE98 Conference, Annual Conference for the Society for the Integration of Technology in Teacher Education, Washington, D.C.
- 1998 "Electronic Presentations Workshop." Presentation at the Third Annual Quality Education Conference, October, Pocatello, ID.
- 1998 "Multi-Media Development Workshop." Presentation at the Third Annual Quality Education Conference, October, Pocatello, ID.
- 1997 "Using Manipulatives for Early Childhood Math Instruction." Presentation at the Pocatello Early Childhood Annual Conference, April, Pocatello ID.
- 1996 "Using the Geometer's Sketchpad in the Secondary Mathematics Classroom." Presentation at the First Annual Quality Education Conference, October, Pocatello, Idaho.

VII: Courses Taught and/or Developed and Taught

Idaho State University

EDUC 215	Preparing to Teach with Technology
EDUC 311	Instructional Technology
EDUC 330	Elementary Math Methods
EDUC 601	Research & Writing
EDUC 610	Education Statistics
EDUC 614	Content Knowledge & Pedagogy
EDUC 616	Multimedia Design
EDUC 621	Issues & Trends in Instructional Technology
EDUC 622	Measurement & Evaluation
EDUC 631	Advanced Secondary Mathematics Methods
EDUC 651	Field Project in Education
EDUC 655	Fundamentals of Instructional Design
EDLP 707	Instructional Technology
EDLT 737	Instructional Technology Practicum
EDLT 850	Dissertation Advising

Washington St. Univ.

ELSE 303

General Secondary Methods

ELSE 101

Reading and Study Skills

University of Miami

TAL 503

Computers in the Classroom

TAL 594

Computers in Early Childhood

VIII. Professional Organizations

Member - National Council of Teachers of Mathematics (NCTM)

Member – Association for the Advancement of Computing in Education (AACE)

Member – Association of Teacher Educators (ATE)

Phi Kappa Phi Honor Society

IX. University Administrative and Committee Responsibilities

A. Administration of Grants/Contracts

Principal Investigator or Co-Principal Investigator for Grants and/or Contracts

Total Grants: 6
Total Dollar Amount \$278,243

B. College of Education Committees

Temporary Committees

Teacher Education Applicant Interview Panels

Promotion and Tenure Committees (2)

Search Committees for

Beverly Ray

Shane Moulton

Matt Sanger

Standing Committees

Teacher Education Committee

Assessment Committee/Core Curriculum Assessment Committee

Masters Core Curriculum Committee

Doctoral Committee

Secondary Education Committee – Chair

COE Scholarship Committee – Chair

NCATE Standard 6 Committee - Chair

C. University Committees

Computer Service Advisory Council (CSAC)

Supplemental Academic Computing Subcommittee – Co-chair

Research Computing Committee

X. Community Service

2004 Young Authors Conference: Writing about numbers
Ellis Elementary School, Chubbuck, ID

2003 Passage Panels,
Pocatello Community Charter School, Pocatello, ID

XI. Instruction/Service for School Districts or ISU Off-Campus Centers

2004	Fall	ISU Twin Falls Center	EDUC 330
		ISU Twin Falls Center	EDUC 601
2004	Summer	Co-Instructor, American Falls Engineering Math Workshop, Summer Institute Grant Project	
		ISU Twin Falls Center	EDUC 610

2004	Spring	Instructor, St. Anthony Youth Ranch Math Workshop, Department of Corrections Math Contract Project.	
		ISU Idaho Falls Center	EDUC 330
		ISU Idaho Falls Center	EDUC 610
2003	Fall	ISU Twin Falls Center	EDUC 330
		ISU Twin Falls Center	EDUC 601
2003	Spring	Internet based course	EDUC 616
		ISU Idaho Falls Center	EDUC 622
2002	Fall	ISU Twin Falls Center	EDUC 330
		ISU Idaho Falls Center	EDUC 655
		Internet based course	EDUC 621
2002	Summer	ISU Twin Falls Center	EDUC 610
		ISU Twin Falls Center	EDUC 622
2002	Spring	Internet based course	EDUC 621
2001	Fall	Internet based course	EDUC 621
2001	Summer	ISU Idaho Falls Center	EDUC 616
		ISU Idaho Falls Center	EDUC 622

XII. Graduate Student Committees

Chair

Regan Grandy	Ed. D	2004
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Graduate Faculty Representative

Victoria Pitcher	Masters	2006
Colleen Cannon	Masters	2006
Kayce Jones	Masters	2005
Scott DeSpain	Masters	2005
Jacqueline Ivins	Masters	2004
Leslie Decker	Masters	2004
Hillary Merkley	Masters	2003

Member of 15 other Ed. D. Committees

Member of 4 other Masters Committees