

CURRICULUM VITA

NAME: Robin Michael Roberts

RANK: Graduate Assistant

**DATE OF
CURRENT APPOINTMENT:** 12/21/2009

RESEARCH INTERESTS: Distance Education instructional practices
Human-Computer Interface design for instructional purposes
school restructuring with instructional technology
statistical analysis of large-scale databases
the application of systems and networking theory to the
learning context

I. EDUCATIONAL HISTORY

Degrees, Credentials and Certificates

- 2011 *Ph.D., Learning and Technology.* Depts. of Educational Psychology & Curriculum and Instruction, University of Nevada, Las Vegas. Dissertation Topic: *Best Instructional Practices for Distance Education: A Meta-Analysis.* Chair: Neal Strudler, Ph.D.
- 2002 *M.A. Education (Curriculum and Instruction).* California State University, Fresno. With Distinction. Thesis Title: *The Role of Computers in School Restructuring: A Meta-Analysis.* Chair: Roy M. Bohlin, Ph.D.
- 2001 *Preliminary California Administrative Services Credential.* California State University, Fresno.
- 2000 *Certificate of Advanced Studies in Educational Technology.* California State University, Fresno.
- 1990 *California Single Subject Teaching Credential.* California State University, Fresno.
- 1984 *California Multiple Subject Teaching Credential.* California State University, Fresno
- 1978 *B.A. Industrial Arts & Technology (Electronics; Minor in Music).* California State University, Fresno.
- 1976 *A.A. Natural Science (Geology; Minor in Music).* San Joaquin Delta Community College Stockton, CA.

Honors and Awards

National Volunteer of the Year Award Nominee, Natural Resources Conservation Service, U. S. Department of Agriculture, 2009

UNLV Summer Session Scholarship (Graduate), University of Nevada, Las Vegas, 2007

Dee Smith Endowment Scholarship, University of Nevada, Las Vegas, 2006-2007.

Graduate Dean's Medalist, Kremen School of Education and Human Development, California State University, Fresno, 2003.

Outstanding Thesis Award, Kremen School of Education and Human Development, California State University, Fresno 2003.

II. PROFESSIONAL HISTORY

- 2010 – current *Part-time Instructor*, Dept. of Teacher Education, Brandman University (Formerly Chapman University College). Instructor of record for required instructional technology courses for pre-service teachers. Bill Eisentreger, Program Coordinator (ret.).
- 2007– current *Part-time Instructor*, Dept. of Educational Psychology, University of Nevada, Las Vegas. Instructor of Record for statistics and research methodology courses. Paul Jones, Ed.D., Dept. Chair
- 2006 – current *Part-time Instructor*, Dept. of Curriculum & Instruction, University of Nevada, Las Vegas. Instructor of Record for various instructional technology courses for pre-service and in-service teachers. Neal Strudler, Dept. Vice-Chair.
- 2006 – 2010 *Editorial Assistant* for *The Rural Educator* under Dr. Patti Chance and Dr. Pamela Salazar (UNLV). Official Publication of the National Rural Education Association. Coordinated submissions, reviews, edited manuscripts, correspondence, copy preparation.
- 2006 – 2008 *Evaluator*, Center for Research and Evaluation, College of Education, University of Nevada, Las Vegas, under the direction of Dr. Ralph Reynolds. Data analysis, research assistance, administrative assistance..
- 2006 *Teaching Internship* for Dept. of Curriculum & Instruction. University of Nevada, Las Vegas. Instructor of Record for ICS 234 Survey of Computer Uses in Education—required course for pre-service secondary teachers. Internship supervisor, Dr. Neal Strudler.

- 2005 – 2006 *Graduate Research Assistant*, Dept. of Educational Psychology/
Educational Leadership, University of Nevada, Las Vegas. Assisted Dr.
Patti Chance and Dr. Pam Salazar in various research and publishing
projects.
- 2003 – 2005 *Part Time Instructor*, Dept. of Teacher Education, Chapman University
College. Instructor of record for required instructional technology
courses for pre-service teachers.
- 2000 – 2005 *Technology Coordinator*, Pioneer Middle School, Pioneer Union
Elementary School District, Hanford, CA.
- 1994 – 2007 *Managing Partner*, California Fly Technologies, Hanford, CA.
- 2002 *Website Developer*, Kremen School of Education and Human
Development, California State University, Fresno Foundation.
- 1995 – 2001 *District Webmaster*, Pioneer Union Elementary School District,
Hanford, CA.
- 1990 – 1992 *Athletic Director*, Pioneer Union Elementary School District, Hanford,
CA.
- 1989 – 2001 *Chair, Physical Education Dept.*, Pioneer Union Elementary School
District, Hanford, CA.
- 1984 – 1989 *Public School Teacher*, Pioneer Elementary School,
Pioneer Union Elementary School District, Hanford, CA.

III. PROFESSIONAL ORGANIZATIONS

American Educational Research Association (AERA)
 American Evaluation Association (AEA)
 American Psychological Association (APA)
 Association for Computing Machinery (ACM)
 Association for Educational Communications and Technology (AECT)
 National Rural Education Association (NREA)
 ICANN (At-large member)
 Association of Internet Professionals (AIP)
 Association of On-line Professionals (AOP)
 HTML Writers Guild
 International Webmasters Association (IWA)

IV. PUBLICATIONS

Books

- Roberts, R.M. (2008). *Images of America: Kings County*. Charleston, SC: Arcadia Publishing Co.
- Roberts, R.M. (2007). *Images of America: Hanford, 1900 – 2000*. Charleston, SC: Arcadia Publishing Co.
- Roberts, R.M. (2005). *Images of America: Hanford, California*. Charleston, SC: Arcadia Publishing Co.
- Peichoto, D. & Roberts, R. (1992). *The history of Hanford First Baptist Church*. Visalia, CA: Jostens Publishing.

Chapters in Books (peer-reviewed)

- Roberts, R. M. (2009). The Digital Generation and Web 2.0: E-Learning Concern or Media Myth? In Yang, H. H. & Yuen, S. C. *Handbook of Research on Practices and Outcomes in E-Learning: Issues and Trend*, Chapter 6. Hershey, PA: IGI Publishing.

Chapters in Books (vetted, not peer-reviewed)

- Roberts, R. M. (2009). General nature of the survey area. In Arroues, K., *Kern County, Northeastern Part and Southeastern Part of Tulare County Soil Survey Area*. USDA Natural Resources Conservation Service. Washington, D.C.: GPO. Available at: http://soils.usda.gov/survey/online_surveys/california/#kern2009
- Roberts, R. M. (2007). General nature of the survey area. In Arroues, K. D., Russell, E. & Regal, J., *Soil Survey of Kern County, Northeastern Part, and Southeastern Part of Tulare County, California*. USDA Natural Resources Conservation Service. Washington, D.C.: GPO. Available at: http://soils.usda.gov/survey/online_surveys/california/#kern2007
- Roberts, R. M. (2006). History of western Fresno county. In Arroues, K., *Soil survey of Fresno county, western part, California*. USDA Natural Resources Conservation Service. Washington, D.C.: GPO.

Under Review

Schraw, G., Kuch, F. & Roberts, R. M. (under review). The effect of test length and difficulty on underestimation bias in the gamma coefficient. Submitted to the *Journal of Experimental Psychology*.

Works in Progress

Roberts, R. M. & Kuch, F. (2011, in preparation). *The emperor's new clothes: Re-evaluating Nelson's gamma*.

Schraw, G., Kuch, F. & Roberts, R. M., (2011, in preparation). *Measuring metacognitive judgments*.

Roberts, R. M. & Strudler, N. (2011, in preparation). *The Internet use characteristics of pre-service teachers*.

Roberts, R. M. & Arroues, K. (in preparation for 2012). *Images of America: Tulare Lake country*. Charleston, SC: Arcadia Publishing Co.

Roberts, R. M. (in preparation for 2011). General nature of the survey area. In Arroues, K. D. et al, *Soil survey of Clear Creek Management Area, California*. Bureau of Land Management. Washington, D.C.: GPO.

Technical Reports and Newsletters (non-refereed)

Roberts, R. M. (2005; 2006). Guest editorials for the *Rebel Yell*. Student newspaper. University of Nevada, Las Vegas. Named the Best non-daily College newspaper in America, 2005-2006 school year. Invited.

Roberts, R. M. (2001). Cousins on the web: an Internet primer, part 3. *The Cornish Circle*, Summer 2001. Invited.

Roberts, R. M. (2001). Cousins on the web: an Internet primer, part 2. *The Cornish Circle*, Spring 2001. Invited.

Roberts, R. M. (2000.). Cousins on the web: an Internet primer, part 1. *The Cornish Circle*, Fall 2000. Invited.

National Presentations

Schraw, G., Kuch, F. & Roberts, R. (2011, April). *Bias in the gamma coefficient: a monte carlo study*. Presentation accepted for the Symposium "Calibrating Calibration: Conceptualization, measurement, calculation, and context" at the Annual meeting of the American Educational Research Association, New Orleans, LA. Peer-reviewed.

- Kuch, F., Schraw, G., & Roberts, R. (2010, October). *Bias in the Gamma Coefficient: A Monte Carlo Study*. Paper presented at the 28th Annual NRMERA Conference, Big Sky, Montana, Oct. 1, 2010.
- Roberts, R. M. & Strudler, N. (2009, April). *Some Attributes of 21st Century Learners in the Online Environment: The Digital Generation and Web 2.0*. Paper presented at the Annual meeting of the American Educational Research Association, San Diego, CA. Peer-reviewed.
- Roberts, R. & Strudler, N. (2008, March). *Some Attributes of 21st Century Learners in the Online Environment*. Paper presented at SITE 2008—Society for Information Technology & Teacher Education International Conference, Las Vegas, Nevada, March 3-7, 2008. Peer-reviewed.
- Roberts, R.M. (2007, April). *The effective instructional use of computers: A meta-analysis*. Paper accepted for presentation at the Annual meeting of the American Educational Research Association, Chicago, IL. Peer-reviewed.
- Roberts, R. M. (2000). *WWW: wellness, workouts and the web*. Presentation at the 2000 Annual Convention of Computer Using Educators. Competitive.
- Roberts, R. M. (1999). *WWW: wellness, workouts and the web*. Presentation at the 1999 Annual Convention of Computer Using Educators. May 1999. Competitive.
- Shaver, J., Roberts, R. M., and others. (1998). *The Schools of California On-line Resources for Educators (SCORE) Math website*. Presentation presented at the 1998 Annual Convention of Computer Using Educators. Competitive.

Presentations, Seminars and Workshops (selected)

- Roberts, R.M. (2006, March). *The effective use of computers*. Poster presentation at the University of Nevada, Las Vegas College of Education Research Symposium, March 24, 2006.
- Roberts, R. M. (2001). *Using iMovie[®] in the classroom*. Invited presentation at PLC³ Conference. California State University, Fresno, October 2001.
- Roberts, R. M. (2001). *Resources on the World Wide Web*. An invited presentation at Integrating Technology into Teaching and Learning: Professional Development Day for Multiple Subject Master Teachers and University Supervisors. Presented by CSUF, TALENT and CTAP Region VII, March 24, 2001.
- Roberts, R. M. (2000). *San Joaquin Valley Math Project web resources*. Invited presentation at PLC³ Conference. California State University, Fresno. October 2000.

Roberts, R. M. (2000). *San Joaquin Valley/History Social Science website resources*. Invited presentation at PLC³ Conference. California State University, Fresno. October 2000.

Roberts, R. M. (2000). *WWW: wellness, workouts and the web*. Presentation at the Annual Meeting California League of Middle Schools. March 2000. Competitive.

Roberts, R. M. (2000). *WWW: wellness, workouts and the web*. Presentation at Tech 2000 sponsored by the California League of High Schools. January 2000. Competitive.

Roberts, R. M. (1999). *San Joaquin Valley/History Social Science website resources*. Invited presentation at PLC³ Conference. California State University, Fresno. October 1999.

Funded IC Generated Grants (Funds for the institution)

2000 Education Technology Staff Development Program. Pioneer Union Elementary School District. Writer. \$18,000.

1999 E-rate. Pioneer Union Elementary School District. Committee member, co-writer. \$10,000.

1997 SB1510 Education Technology Grant Program of 1996. Pioneer Union Elementary School District. Writer. \$8,000.

1985 Apple Classrooms of Tomorrow Grant. Pioneer Elementary School District. Committee member, Computer Lab teacher. Approximately \$50,000.

Funded non-IC Generated Grants

2006 College of Education Travel Grant. Department of Educational Leadership, University of Nevada, Las Vegas. Annual Conference of the National Rural Education Association. \$450.

Non-Funded Grant Proposals

1999 Library of Congress American Memory Fellows Program. Robin Roberts & Laurie Goodman, co-writers.

1996 Cisco Systems Virtual Schoolhouse Grant. Pioneer Middle School. Writer.

Multimedia

- Whited, M. & Roberts, R. M. (Ed.). (in progress). *How Coyote Stole the Sun: Music of the Tachi Yokuts*. Multi-media digitization project for the Hanford Carnegie Museum.
- Roberts, R. M. (Ed.). (Commissioned work in progress). *Historic Hanford*. B & W. Digital re-editing with new material from documentary film owned by the Humason Family of Hanford, CA. [DVD]
- Roberts, R. M. (2006). UNLV/CCSD Collaborative Principal Preparation Program 10-year Celebration Video. Department of Educational Leadership. University of Nevada, Las Vegas. [DVD]
- Roberts, R. M. (Ed.). (2000). *Timber! A documentary on logging at Celio's Sawmill in South Lake Tahoe*. B&W. [Originally filmed and edited by H. Liddicoat in 1939]. Digitized and re-edited for videotape. Permanent exhibit in the Celio Sawmill Museum, Truckee, CA. [VHS].
- Sepulveda, J., Roberts, R. & Romero, S. (1980). *One way flight*. Phonograph recording (45 RPM single). Produced by J. Pembroke. Performance copyright 1980 Alvarez Music, BMI. Lemoore, CA: Movement Records.

Media Appearances

- Roberts, R. M. (2007). Author interview on *Great Day!* KMPH-TV 26 (Fox network affiliate) Fresno, CA on July 11, 2007.
- Roberts, R. M. (2008). Author interview on *Central Valley Today*. KSEE TV-24 (NBC network affiliate) Fresno, CA September 24, 2008.

V. TEACHING

Courses taught:

EDU 214/ICS 234: *Survey of Computer Uses in Education*. Department of Curriculum and Instruction, University of Nevada, Las Vegas. Instructor of Record. Undergraduate level. Required course for secondary education majors. Taught both distance and traditional sections.

EPY 702: *Research Methods*. University of Nevada, Las Vegas. Instructor of Record. Graduate level. Taught distance education sections.

CIT 709: *Internet for Educator*. Department of Curriculum and Instruction, University of Nevada, Las Vegas. Instructor of Record. Graduate level. In-service education course/elective. Taught via distance education.

EPY 721: *Descriptive and Inferential Statistics: An Introduction*. Department of Educational Psychology, University of Nevada, Las Vegas. Instructor of Record. Graduate level. Prerequisite for required doctoral-level statistics course. Taught distance education sections.

EDUU 451: *Educational Applications of Computers, I*. Brandman University (formerly Chapman University College). Instructor of Record. Undergraduate level. Required educational technology literacy course for California Teaching Credential.

EDUU 551: *Educational Applications of Computers, I*. Brandman University (formerly Chapman University College). Instructor of Record. Graduate level. Required educational technology literacy course for California Teaching Credential.

EDUU 552: *Educational Applications of Computers, II*. Chapman University College. Instructor of Record. Graduate level.

Courses prepared to teach:

Educational Applications of Computers
 Educational Website Development and Programming.
 Computer Applications Skills
 Curriculum Development and Lesson Planning
 Basic computer hardware maintenance and troubleshooting

VI. MISCELLANEOUS PROJECTS

- 2006 Instructional Video for on-line course. University of Nevada, Las Vegas. Principal-teacher evaluation interview case-study simulation with Dr. Patti Chance.
- 2006 – 2007 Webmaster, Educational Psychology Graduate Student website. University of Nevada, Las Vegas.
- 2006 – 2007 Director, Archival photograph digitization project, Hanford Carnegie Museum. Hanford, California. [In progress.]
- 2004 – 2007 Director, Archival photograph digitization project, Kings County Library. Kings County, California. [In progress.]

VII. REFERENCES

Patti Chance, Ph.D., Professor and Chair
Department of Educational Leadership, College of Education
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5500 Campanile Drive
San Diego, CA 92182-1190
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5005 North Maple Avenue, MS ED2, ED241 Fresno, CA 93740
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