Howard E. Herl

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EDUCATION

Ph.D. in Educational Psychology, 1995. University of California, Los Angeles. Division of Psychological Studies in Education with an emphasis in Social Research Methodology.

M.S. in Computer Science, 1985, Johns Hopkins University.

B.S. in Mathematics/Computer Science, 1982, Towson State University.

PROFESSIONAL AND RESEARCH EXPERIENCE

President
Evalumetrics Inc.   **8/2006 – Present**
Provide Physical Fitness Services to 200 school districts throughout California. Provide technical expertise to school districts in the areas of federal and state accountability measures. Provided on-site consultation services to 40 Comprehensive School Reform and High Priority Schools in Los Angeles County, including modeling STAR and district benchmark assessment results, longitudinal analysis of grade and student level cluster data, and presentations to site leadership teams and grade level staff.

Assessment Consultant
Los Angeles County Office of Education
Division of Research, Evaluation, and Assessment   **12/2000 – 8/2006**
Primary area of responsibility involved identifying and providing services and products to the eighty-one school districts in Los Angeles County. This included designing and developing technology-based systems to provide on-going support for selected sites participating in Immediate Intervention for Underperforming Schools, Comprehensive School Reform, High Priority Schools Grant, and CALWorks programs. In addition, direct staff of three research analysts to provide technical assistance to districts in analyzing STAR and other kinds of assessment data.

Senior Research Associate
UCLA, National Center for Research on Evaluation,
Standards, and Student Testing   **10/1995 – 11/2000**
Managed large-scale data collection and processing project for Hawaii Statewide Content Assessment. Reported assessment results for over 1.5 million Hawaiian students each year. Led software teams in design and development of web-based assessment systems. Directed Los Angeles Unified School District teachers in design and scoring of 1999-2000 Performance Assignments of Standards-Based Assessment Workshops. Designed and directed CRESST research projects, and supervised staff during statistical and data analyses.

Staff Researcher
UCLA, National Center for Research on Evaluation,
Standards, and Student Testing 01/1989 – 09/1995
Supervised statistical and data analyses for CRESST projects. Designed and implemented database structures for Mac and IBM environments.

Instructor, Computer Information Systems
Pasadena City College 09/1987 – 06/1992
Taught courses including Introduction to Computers, Introduction to Data Processing, BASIC, Advanced BASIC, and Microcomputer Applications for the IBM..

Teaching Assistant
UCLA Graduate School of Education 02/1987 – 12/1994
Served as a teaching assistant for Graduate School of Education courses, including Advanced Topics in Research Methodology, Statistical Inference, Analysis of Variance, Hierarchical Linear Models, Structural Equation Modeling, Measurement Theory, and Dissertation Research.

SELECTED PUBLICATIONS

Abedi, J., Baker, E.L., and Herl, H.E. (1993). Comparing reliabilities obtained by different approaches for performance assessment. Paper presented at the annual meeting of the American Educational Research Association, Atlanta.

Baker, E.L., Chung, G., Dennis, R., Herl, H.E., and Schacter, J. (1996). CRESST on-line performance assessment system. Paper presented at the annual meeting of the American Educational Research Association, New York.

Baker, E.L., Niemi, D., Herl, H.E., Aguirre-Muñoz, Z., Staley, L., and Linn, R. L. (1995). Report on the content area performance assessments (CAPA): A collaboration among the Hawaii Department of Education, the National Center for Research on Evaluation, Standards, and Student Testing (CRESST) and the teachers and children of Hawaii. Los Angeles: University of California, National Center for Research on Evaluation, Standards, and Student Testing.

Chung, G.K.W.K., Baker, E.L., Dennis, R.A., Herl, H.E., Huang, K.L., Klein, D.C.D., Lee, J.J., O'Neil, H.F., Jr., & Schacter, J. (1996). An Internet-based on-line assessment system. Presentation at the annual meeting of the California Educational Research Association, Marina del Rey, CA.

Chung, G.K.W.K., Herl, H.E., Klein, D.C.D., and Osmundson, E. (1999). Linking Assessment and instruction with computer-based knowledge maps. Paper presented at annual meeting of the American Educational Research Association, Montreal.

Chung, G.K.W.K., O'Neil, H.F., Jr., Herl, H.E., and Dennis, R.A. (1997). Use of networked collaborative concept mapping to measure team processes and team outcomes. Paper presented at the annual meeting of the American Educational Research Association, Chicago.

Falk, T. and Herl, H. (1990). Benchmarking text understanding systems to human performance: An extended analysis using the BORIS system. Center for Technology Assessment, UCLA Center for the Study of Evaluation.

Herl, H.E., and Chung, G.K.W.K. (1999). Reliability of a knowledge mapping scoring system for assessment of problem-solving of U.S. temporary workers. Paper presented at annual meeting of the American Educational Research Association, Montreal.

Herl, H.E., and Dennis, R. (1993). The influence of ethnicity, knowledge representation technique, and self-regulation on mathematics performance. Paper presented at the annual meeting of the American Educational Research Association, Atlanta.

Herl, H.E., and O'Neil, H.F. (1996). CAETI STS1 technologies baseline data collection (year 1). (CAETI Deliverable to ISX). Los Angeles: University of California, Center for Research on Evaluation, Standards, and Student Testing.

Herl, H.E., O'Neil, H.F., Jr., and Chung, G.K.W.K. (1999). Reliability and validity of an online concept mapping system [Special Issue]. Computers in Human Behavior.

Herl, H.E., O'Neil, H.F., Jr., Chung, G.K.W.K., and Dennis, R.A. (1997). Feasibility of an on-line concept mapping construction and scoring system. Paper presented at annual meeting of the American Educational Research Association, Chicago.

Herl, H.E., O'Neil, H.F., Schacter, J., and Chung, G.K.W.K. (1997). Assessment of CAETI STS1 Technologies. (CAETI Deliverable to ISX). Los Angeles: University of California, Center for Research on Evaluation, Standards, and Student Testing.

Herl, H.E., O'Neil, H.F., Schacter, J., and Chung, G.K.W.K. (1997). Assessment of CAETI STS1 Technologies: Final Report. (CAETI Deliverable to ISX). Los Angeles: University of California, Center for Research on Evaluation, Standards, and Student Testing.

Lerner, V., Dennis, R., Herl, H.E., Novak, J., and Niemi, D. (1993). Computerized methodology for the evaluation of level of knowledge. Cybernetics and Systems: An International Journal, 24 (5). Washington DC: Hemisphere Publishing.

Schacter, J., O'Neil, H.F., Herl, H.E., and Chung, G.K.W.K. (1999). Reliability and validity of a web-based assessment of problem solving. [Special Issue]. Computers in Human Behavior.