

ANDREW GALPERN

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DEPARTMENT ADDRESS

2121 Berkeley Way 4th Floor, Berkeley, CA 94720

EDUCATION:

Ph.D. student, Graduate School of Education, U.C. Berkeley Quantitative Methods and Evaluation (QME), currently enrolled and advanced to candidacy

M.S., Education (Assessment), University of California, Berkeley

B.A., Fine Art, Indiana University

A.A.S., Applied Science, Rochester Institute of Technology

Teacher Credentials, K-12 (Indiana), K-8 Multi-subject (California)

Graduate coursework and teacher certification completed in Master Graduate Certification Program (MGCP) in Curriculum and Design, Indiana University

RESEARCH AND EVALUATION EXPERIENCE:

2020-2021, Currently conducting a design and validation study (dissertation) on Assessment Literacy

2019, Research Analyst, Berkeley Unified School District (BUSD), Berkeley Research, Evaluation and Assessment (BREA)

2013-2014, Research Assistant for Haas Business School AACSB Accreditation

2010- 2013, Professional Development, Items Design and Analysis, Learning Progressions in Science (LPS), Berkeley Evaluation and Assessment Research (BEAR) Center

2008- 2010, Teacher-Researcher Collaboration in Science Education for SERP-SFUSD with the San Francisco Unified School District and Berkeley Evaluation and Assessment Research Center

2009, Project consulting, data analysis for University of the Pacific School Project: Patient-Doctor Anxiety Study

2008, Professional development, formative assessment and infrastructure design, FADS Project, Berkeley Evaluation and Assessment Research Center (Kathleen Scalise)

2008, Items design, fact checking, curriculum analysis for Calipers II (NSF), and NAEP ICT online science assessment, WestEd, Oakland.

2007, Data Analysis, Uganda NCDC/UNITY Student Achievement Study (Mark Lynd, USAID)

2007, Data Analysis and reporting for University of the Pacific School of Dentistry, San Francisco. Project: Assessment calibration, reporting, and automation

2007, Data Analysis, J200 Journalism Numeracy Project, (Professor Michael Ranney)

2006, Data Analysis, Preschool Literacy Knowledge, (Professor Anne Cunningham)

2005-2006, Graduate Student Researcher, Berkeley Evaluation and Assessment Research Center, Project: Beyond BEAR, (Professor Mark Wilson and Professor Paul Black)

2005-2006, Graduate Student Researcher, Berkeley Evaluation and Assessment Research Center, Project: Assessing Science Knowledge (ASK). Collaborating Institutions: Lawrence Hall Of Science, UC Berkeley; BEAR Center, UC Berkeley; SRI International

2005, Program Evaluation for the San Francisco Mental Health Association (co-evaluator Heeju Jang)

TEACHING EXPERIENCE:

2017, Graduate Student Instructor, UC Berkeley UGIS 187, Project Based Instruction for K-12 STEM teachers (Elisa Stone)

2014-2017, Graduate Student Instructor and Co-Teacher, UC Berkeley UGIS 188, Research Methods for Science and Mathematics K-12 STEM Teachers (Elisa Stone)

2008-2009, Instructor, Kaiser Permanente Division of Research, Oakland CA., Probability and Statistics (Dr. Gabriel Escobar)

2006, Graduate Student Instructor, UC Berkeley, Measurement in the Social Sciences I (Professor Mark Wilson)

2003-2004, Teacher, Marin Catholic High School, Kentfield CA., Graphic Design and Computer Literacy

2001-2002, Teacher, Oakland Unified School District, Life Academy High School, Oakland CA., Algebra and Geometry

2001-present, K-12 tutoring in Algebra I, Algebra II, Geometry, Statistics and Probability

PRESENTATIONS AND PUBLICATIONS

Galpern, A., (October, 2017), The Design And Validation Of An Assessment Literacy Instrument, Methods of Assessment Research Group, Graduate School of Education, Berkeley, CA

Galpern, A., (April, 2017), Research Methodology Workshop, Graduate School of Education Research Day, Berkeley, CA

Galpern, A., (January, 2017), Assessment Literacy, CalTeach Faculty Retreat, Berkeley, CA

Galpern, A., (February, 2016), What are you trying to measure in your research?, Graduate School of Education Research Day, Berkeley, CA

Galpern, A., (April, 2015), How To Measure Anything: A Gentle Introduction For New Graduate Students, Graduate School of Education Research Day, Berkeley, CA

Galpern, A., (April, 2014), Explaining It Away: When Theory And Evidence Disagree, International Objective Measurement Workshop (IOMW), Philadelphia, PA

Galpern, A., (April, 2014), Mending, Bending, Breaking: When Evidence Collides With Theory, National Council on Measurement in Education (NCME), Philadelphia, PA

Galpern, A., (March, 2014), The More Afraid You Are Of Statistics, The More You Need This Workshop, Graduate School of Education Research Day, Berkeley, CA

Galpern, A., (April, 2013), How To Measure Practically Anything You Want To In Only 30 Minutes, Graduate School of Education Research Day, Berkeley, CA

Galpern, A., Chiu, T., (April, 2012), Learning Progressions in Middle School Science, International Objective Measurement Workshop, Vancouver British Columbia.

Morell, L., Yao, S., Galpern, A, Henderson, B., (November, 2011) An Introduction to the Learning Progressions in Middle School Science Instruction and Assessment (LPS) Project: Science Content and Argumentation, BEAR Seminar, University of California Berkeley.

Morell, L., Galpern, A (March 2010) BEAR Assessment System, Council of State Science Supervisors Annual Meeting, Philadelphia, PA

Galpern, A., (April 2010) An Idiot Guides Rethinking Your Outdated Approaches to Assessment, presented at University of California, Berkeley GSE Research Day

Galpern, A., (April 2010), The Use of Flexible Scoring Procedures and Their Effects on Person and Item Fit Statistics, International Objective Measurement Workshop Conference, Boulder CO

Galpern, A., (2009, June), Utilizing an Assessment Design Framework to Map Research Questions, presentation at the Learning Progressions in Science Conference, Iowa City, IA

Galpern, A., (2009, June), Without a Map, You're Lost: Using an Assessment Design Framework to Improve Research, presentation at the Learning Progressions in Science Conference, Iowa City, IA.

Galpern, A., (2009, May), Math and Anxiety: A Case Study of Conflict and Intervention, presentation at the 21st Annual Convention of the Association for Psychological Science, San Francisco.

Scalise, K., Wilson, M., Albornoz Reitze, A., Lin, Y. H., Galpern, A., (2009). Development and Use of Innovative Item Types in Computer---Based Testing, Workshop for National Council on Measurement in Education.

Wilson, M., Scalise, K., Kennedy, C. A., Galpern, A. Lin, Y. H., Su, Y. H., et al (2009) Formative Assessment Delivery System (FADS). Paper presented at the Technology Supports for Formative Assessment, American Educational Research Association (AERA), San Diego, CA.

Galpern, A., (2009, April), Math and Anxiety: A Case Study of Conflict and Intervention, presented at University of California, Berkeley GSE Research Day

This Stat Seems Bogus!' Perspectives on Causality in Determining Veracity Edward Munnich, Michael Ranney, Myles Crain, Luke Rinne, Luke Miratrix Andrew Galpern, presentation and publication in the proceedings CogSci 2008 30th Annual Meeting of the Cognitive Science Society July 23-26, 2008 Washington, DC, USA

Hansen, E. G., Galpern, A. J., & Goodman, M. J. (2008, March), Evidence Centered Design for Improving Educational Games. Paper presented at the Annual Meeting of the American Educational Research Association (AERA), New York City, N.Y.

Ranney, M. A., Johnson, T., Galpern, A., & Crain, M. (2008, March). A Shot at Enhancing Reasoning Skills for All: The "Numbers, News, and Evidence" Journalistic Numeracy Module. [Ranney's invited presentation at the Department of Psychology and the College of Education of the University of Illinois, Chicago.

Galpern, A., (2007, March), Why Machines Should Replace Teachers, presented at University of California, Berkeley GSE Research Day

Ranney, M. A., Galpern, A., Crain, M., & Johnson, T. (2007, December). Toward Improving Numerical Reasoning in Journalism and its Consumers. [Ranney's invited joint colloquium for the Institute of Cognitive & Brain Sciences and the Cognition, Brain, & Behavior program of the Department of Psychology, University of California, Berkeley.]

Galpern, A., (2007, March) GSE Research Day, Wild Guesses: Tracking the Task of Estimation Using Frame Analysis and Neuroscience, University of California, Berkeley

Ranney, M. with Luke Rinne, Myles Crain, Luke Miratrix, & A., Galpern (2007, March) Presented at

University of California, Berkeley GSE Research Day, Designing And Analyzing the 'Numbers, News, and Evidence' Journalism Curriculum, Berkeley

Galpern, A., Moore, S. M. (2006, April). Designing and Using an Embedded Assessment System to Track Student Progress. Presented at the Annual Meeting of the National Science Teachers Association, Anaheim, CA, April 2006.

Brar, R., Galpern, A. J., & Abrahamson, D. (2006, March) Presented at University of California, Berkeley GSE Research Day, Lost in Translation: The 'bean snare' as a case of the situated-symbolic divide.

Brar, R., Galpern, A. J., & Abrahamson, D. (2006). Lost in Translation: The 'bean snare' as a case of the situated-symbolic divide. In S. Alatorre, J. L. Cortina, M. Sáiz, & A. Méndez (Eds.), Proceedings of the Twenty Eighth Annual Meeting of the North American Chapter of the International Group for the Psychology of Mathematics Education (Vol. 2, pp. 390-391). Universidad Pedagógica Nacional.

Draney, K., Galpern, A. & Wilson, M. (2005, November). Designing & using an embedded assessment system to track student progress. Presented at the National Science Teachers Association conference, Chicago, November 2005.

MEMBERSHIPS AND AFFILIATIONS

AERA
NCME
AAA
APA

HONORS, AWARDS, FELLOWSHIPS AND GRANTS:

WestEd, Summer Research Internship
Educational Testing Services, Graduate Student Summer Research Program
U.C. Berkeley New Student Fellowship
U.C. Berkeley Topp Fellowship
U.C. Berkeley Continuing Student Fellowship Distinguished Student Indiana University
Della Fricke Teaching Scholarship, Indiana University
Distinguished Senior Award, School of Fine Arts, Indiana University
Academy of Art College, Summer Grant Recipient
Deans List, Rochester Institute of Technology
Distinguished Student, Purdue University

CORE MEASUREMENT AND EVALUATION COURSES (FACULTY)

Measurement in Social Science I (Professor Mark Wilson)

Introduction to Evaluation (Professor Carolyn Hofstetter)

Data Analysis II (Professor Sophia Rabe-Hesketh)

Qualitative Methods (Professor Judith Warren-Little)

Measurement in Social Science II (Professor Mark Wilson)

Evaluation Theory (Professor Xiaoxia Newton)

Hierarchical Linear Modeling (Professor Sophia Rabe-Hesketh)