



**GRADUATE SCHOOL OF EDUCATION
RESEARCH DAY**

UNIVERSITY OF CALIFORNIA, BERKELEY

**18TH ANNUAL
GRADUATE SCHOOL OF EDUCATION RESEARCH DAY**

MARCH 15-16, 2018

Program Overview

Thursday March 15

Anthony Hall

- 5:00-5:30pm Registration and Reception
5:30-6:30 Poster session
6:30-8:30 Reception

Friday March 16

Tolman Hall

- 8:30-9:00am Registration and Morning Refreshments: *Education Psychology Library*
9:00-10:30 Welcome & Morning Plenary: *Education Psychology Library*
Morning Panel moderated by **Prudence Carter**, Dean, Graduate School of Education, UC Berkeley
P. David Pearson, Professor, Graduate School of Education, UC Berkeley
Yue-Ting Siu, Assistant Professor, San Francisco State University
10:45-12:00 Session I: *Various rooms in Tolman Hall*
12:00-12:30 Lunch: *Education Psychology Library*
12:30-1:45 Afternoon Plenary: *Education Psychology Library*
Afternoon Panel
Tia Madkins, Assistant Professor, University of Texas, Austin
Herb Kohl, Educator & Writer
2:00-3:15 Session II: *Various rooms in Tolman Hall*
3:30-4:45 Session III: *Various rooms in Tolman Hall*
5:00-6:00 Poster Session, Reception and Celebration: *Education Psychology Library*

March 15

Thursday Evening Poster Session – 5:30-6:30

Anthony Hall

Joy Esboldt, UC Berkeley

Educators Coaching Educators for Racial Equity: Preliminary Analysis of Midwestern School District Program

Lauren Hunter Naples; Heather Walter, The George Washington University

Using a Mixed Methods Research Design to Examine Special Education Teacher and Student Wellbeing through the Dual-Factor Model of Mental Health

Maryam Salehomoum, UC Berkeley / San Francisco State University

Explicit Instruction of Reading Comprehension Strategies Using Think Aloud: Effect on Deaf Adolescent Students' Strategy Use and Comprehension

Gul Nahar, University of Oklahoma

Negotiating Language Differences in Second Language Writing

Cyrell Roberson, UC Berkeley

System-Justifying Ideologies and Academic Achievement Among Ethnic Minority Youth: A Missing Piece to the Puzzle of the Achievement Gap?

Tamilah Richardson, The George Washington University

How Early Career Minority Teachers' Decisions to Remain Committed to or Exit the Profession are Impacted by Individual Perceptions of Teacher Leadership Experiences

Leah Rosenbaum; Bjoern Hartmann, UC Berkeley

Evaluating Learning in College Makerspaces: A Literature Review

Allison Bradford, UC Berkeley

Sixth Grade Explorations of Human Impact on Global Temperatures: Leveraging Student Choice to Promote Knowledge Integration

Mercedes Zapata, UC Berkeley

Personal Disability Identity in Retinitis Pigmentosa

Mallika Scott; Celeste Gonzalez, UC Berkeley

Forming a Math Crew: A Design Approach to Supporting New Teachers to Navigate the Tensions and Contradictions of Equity-oriented Math Teaching

Beatriz Brando; Janelle Abela; Alexa Cordero; John Della Rosa; Karissa Lapuz; Jennifer Li; Edar Liu; Kyler McKessy; Anne Baranger; Angelica Stacy, UC Berkeley
Investigating Student Strategies in Organic Chemistry

Rebecca Maldonado, University of Oklahoma
Bringing the Storytelling Magic of Face Changing into the Classroom: The Art of Biàn Liǎn

Talia Leibovitz, UC Berkeley
Theoretical Framework for Coping: Supporting Black Families With a Child With a Developmental Disability

Nicole DelMastro- Jeffery, University of Illinois at Urbana-Champaign
Untold narratives: Students of color experiences at Geis College of Business explored

Alejandra Ojeda-Beck, Kira Gleghorn, UC Berkeley
The impact of Teaching Tolerance lesson plans on 5th grade student's self-measures of Social Justice

Ana Guerrero; Dr. Richard Duran, UC Santa Barbara
Immigrant Latinx High School Students' Perceptions of Academic Performance and College and Career Readiness

March 16 Presentations

Session I: 10:45-12:00

I-A – Room 1635

Faculty Moderator: **Derek Van Rheen**

Nigel Haikins- Appiah, UC Berkeley
Diversity in Athletic Administration

Ria DasGupta, University of San Francisco
Asian American Women Diversity Officers Navigating Coloniality in Higher Education

René Kissell, UC Berkeley

Title: TBD

I-B – Room 2320

Faculty Moderator: **Daniel Perlstein**

Nicolas Saldivar; Morgan Bessette, UC Berkeley

Cultural Ecology Theory and Intergenerational differences in Academic Achievement

Adam Musser, UC Davis

Critical Youth Theorists on Prison Writing Programs and Abolitionist Futures

Juddisun Taube, Stanford University

Charter Management Organizations and Charter School Autonomy: An Inevitable Conflict

Rachel Williams, UC Berkeley

Regulatory Environments of Choice Systems and Policy Formation: A Critical Policy Analysis

I-C – Room 2515

Faculty Moderator: **Frank Worrell**

Kevin H. Macpherson, UC Berkeley / San Francisco State University

Examining Values Affirmation Effects in Ethnically Diverse Urban Schools

Laura Rhinehart, CSULA & UCLA

Early Indicators Related to Risk of Identification of a Learning Disability

Rebecca Maldonado, University of Oklahoma

Using Qualitative Data to Help Student Track Their Progress

I-D, Workshop: BRE Publishing – Room 3635

Berkeley Review of Education (BRE) Workshop

Demystifying the Publications Process: Submitting Manuscripts and Engaging in Peer Reviews

I-E – Room 3515

Faculty Moderator: **Erin Murphy-Graham**

Jaren Haber, UC Berkeley

Stratification through educational ideology: How charter schools' organizational identities reflect race and class

Breauna Spencer, UC Irvine

Asian & Black Women in STEM Bachelor's Degree Programs: A Qualitative Analysis of their Academic Persistence & Overall Success

Marielisbet Perez, University of Illinois at Urbana-Champaign

Overlooked in Academia: The Voices of Parenting Students in Postsecondary Education

Kena Hazelwood-Carter, UC Berkeley

Master-BAE-te: Exploring the case for promoting Black female pleasure in schools

I-F – Room 4635

Faculty Moderator: **Gary Yabrove**

Paloma Cordova, University of San Francisco

Exploring the Experiences of International Teachers in a Bilingual Immersion Environment

Dr. Felicia Darling, Santa Rosa Junior College

Making Cultural Assets Count: Funds of Math Knowledge in a Yucatec Maya community and middle school

Chelsea Manchester, The George Washington University

Transition to Old Age: How Do Sexual Behaviors and Personality Contribute to Successful Aging?

Ellen Lin, UC Berkeley

[Re]sounding Sanctuary: Abolitionary Schooling Within the Carceral Racial Liberal State

I-G – Room 5509

Faculty Moderator: **Tony Mirabelli**

Anthony Carrasco; Janelle Scott, UC Berkeley

A Home in the Academic Margins: Racial Microaggressions among Homeless Students of Color

Jennifer E. Bosco, University of San Francisco

Praxis of Supremacy: White Women Reflections on their Education and Efforts to Destabilize Racism Within Four-Year Colleges

Aline Frederico, UC Berkeley & University of Cambridge

Interactive reading and the negotiation of agency: Pre-schoolers reading fiction of the iPad

Matt Kronzer, CSU Sacramento

Redesigning Remediation for Equity

Session II: 2:00-3:15

II-A – Room 1635

Faculty Moderator: **Mark Wilson**

Alessandra Silveira; Zach Pardos, UC Berkeley

Understanding Online Learner Motivations with Construct Modeling

Gozde Tosun, University of Illinois at Urbana-Champaign

Peer Assessment

Alexander Blum, UC Berkeley

Validating and Extending Pearson & Johnson's Inferential Thinking Model

II-B – Room 2320

Faculty Moderator: **Katherine Shizuko Suyeyasu**

Jordan Karr, UC Berkeley

A Compassion-Based Group Intervention for At-Risk Children

Christabel Breen, University of San Francisco

Maintenance & Development of Youth Translation Skills: Workshops for Bilingual Youth

Jeremy Edwards, UC Santa Barbara

Creating a College-Going Culture: Examining an Academic Partnership Program from the Implementers' Perspectives

Alejandra Ojeda-Beck; Bryce Becker, UC Berkeley

Title: TBD

II-C – Union Print-Making Workshop, Room 3635

Printmaking for a more just university

Featuring: **Frankie Ramos, Eddie Rivero, Sophia Sobko and Renee Starowicz**

II-D – Room 3515

Faculty Moderator: **Richard Freishtat**

Justin Jacques; Yoonsuh Moh, The George Washington University

The Impact of Sleep Quality on College Student's Academic Success when Controlling for Symptoms of Depression, Anxiety, and Substance Use: A Quantitative Study

Andrew Estrada Phuong¹; Judy Nguyen²; Richard Freishtat¹; Fabrizio Mejia¹; Diana Heath¹; Ashley Lopez¹; Heaven Taylor¹; Danielle Hoague¹; Claire Bang¹; Angela Nguyen¹; Shahana Farooqi¹

¹ UC Berkeley

² Stanford University

Quasi-Experimental and Randomized Control Trial Studies Examining the Effects of Adaptive Equity-Oriented Pedagogy on Student Achievement and Psychosocial Outcomes

Andrew Estrada Phuong¹; Judy Nguyen²; Fabrizio Mejia¹; Richard Freishtat¹; Shahana Farooqi¹; Ashley Lopez¹; Diana Heath¹; Heaven Taylor¹; Danielle Hoague¹; Claire Bang¹; Angela Nguyen¹

¹ UC Berkeley

² Stanford University

Enhancing Instructors' Adaptive Equity-Oriented Competencies: Comparing Instructor Professional Development Strategies through Randomized Control Trials

II-E – Room 4635

Faculty Moderator: **Dor Abrahamson**

JiYun Lee, UC Berkeley

Career Decision-Making Difficulties of Academically Talented Adolescents

Francena Turner, University of Illinois at Urbana-Champaign

“I needed to know I was not alone!”: A Critical Autoethnographic Analysis of “Non-Traditionally Aged” Student

Claire Seohyun Lee; Jessica Li, University of Illinois at Urbana-Champaign

Improving Transfer of Training: Technological Factors Affecting Technology-Supported Training

II-F – Room 5509

Faculty Moderator: **Susan Holloway**

Leah Faw, UC Berkeley

The History of Home/Schooling

Georgina Aubin, University of San Francisco

Latino Families Homeschooling - A Double Counternarrative

Thaddeus Benjamin Herman, University of Illinois at Urbana-Champaign

The Baha'i Inspired Schools of India

Hila Pazner, UC Berkeley

Parental Autonomy Support and Academic Achievement in Academically Talented Adolescents

II-G – Room 4648

Faculty Moderators: **Rick Mintrop & Liz Zumpe**

Rachel Roberson, UC Berkeley

Intersectional Surveillance in Sport

Isaac Agbeshie-Noye, The George Washington University

Branding and Organizational Culture at Historically Black Colleges and Universities

Beth McBride, UC Berkeley

Learning Design Through Science vs. Science Through Design

Session III: 3:30-4:45

III-A – Room 1635

Faculty Moderator: **Michelle Wilkerson**

Virginia Flood, UC Berkeley

Positioning digital landscapes for perception and action: Scaffolding debugging in computer programming

Michael Tiura, UC Berkeley

Measuring Parent Involvement in Autism Spectrum Disorder Treatment

Binyu Yang, The George Washington University

College Students' Self-Regulation in Online Vocabulary Learning Courses

Gabby Falzone, UC Berkeley

Title: TBD

III-B – Room 2320

Faculty Moderator: **Lloyd Goldwasser**

Alyse Schneider, UC Berkeley

Democratic Education as an Expert Process: The Case of Math Education Research

Roxanne Rashedi, UC Davis

An Early Childhood Education in Embodiment: Willful Forms of Self-Regulation in Classroom-Based Yoga Interventions

Meghna Soni; Yukari Okamoto, UC Santa Barbara

Beyond Whole Numbers: Fostering Children's Understanding of Fractions in Early Elementary School Grades

III-C – Design-Based Research Forum, Room 3635

Rachel Chen, UC Berkeley

“Read, baby read”: Embodied rhythmic synchrony in a special needs classroom

Veronica Lin, Stanford University

Symbols vs. Actions: Improving a Tangible Programming Interface for Children

Vasiliki Laina, UC Berkeley

Puzzling Proofs

Brigid Cakouros, UC Berkeley

Exploring Boundary Crossing in an Interdisciplinary Team

Zach Ryan, UC Berkeley

Experiencing Vectors through Action: An Embodied Design Approach to Forces

III-D – Room 4635

Faculty Moderator: **Sophia Rabe-Hasketh**

Kristin Rosekrans, UC Berkeley

Teachers of Latino English Language Learners in Two Urban High Schools: Policies, Perceptions, and Practices

Yoonsuh Moh; Justin Jacques, The George Washington University

A Latent Class Analysis of Suicide Risk Behaviors in College Students

Hjalmar Eiksund, Volda University College & UC Berkeley

Monolingual biliteracy - a story about Norwegian biliterate education

III-E – Room 5509

Faculty Moderator: **Laura Sterponi**

Kristin Kibsgaard Sjhelle, Volda University College & UC Berkeley
Language Learning Through Digital Discussions

Derrika Hunt, UC Berkeley
Unstitching Third World Girls and Education: The politics of poverty and development

Maria Valentina Fahler¹; **Patrick Guardian**¹; **Ziyang Yu**²; **Charles Bazerman**¹

¹UC Santa Barbara

²Fudan University & UC Santa Barbara

Data Practices in Linguistics

Session IV, Poster Session – 5:00-6:00

Education Psychology Library

Leena Furtado; Greg Proctor, CSU Dominguez Hills
Advancing Graduate Research Writing Support at Hispanic-Serving Institutions

Renee Starowicz, UC Berkeley / San Francisco State University
What's Neurodiversity got to do with it? Communication and community access

Daniele Fogel, UC Berkeley
Interrogating Global Education Programs for U.S.-based High School Youth: Applying a Critical Cosmopolitan Framework to Practice.

Cynthia Valencia, UC Berkeley
The Role of Schools and Teachers within the School to Prison Pipeline

Rebecca Cruz; Janelle E. Rodl, San Francisco State University
Crime and Punishment: An Examination of School Context and Student Characteristics that Predict Out-of-School Suspension

Monica Zegers, UC Berkeley
Measures of dyslexia subtypes in Spanish-speaking populations

Leslie Buffen; Marjorie Rowe; Alison Billman; P. David Pearson, UC Berkeley
Assessing Science Knowledge and Language Use in Emergent Bilingual First Grade Students

Yidan Zhang, UC Berkeley
Validity and Reliability of a Rating Scale for Cosmopolitan Orientation

Breauna Spencer; Dr. Sharnnia Artis, UC Irvine; **Dr. Marjorie Shavers, Aishwarya Joshi**, Heidelberg University; **Dr. Stacie Gregory**, Equity for Engineers
The Niela Project: A Qualitative Investigation of the Experiences of Black Women in Pursuit of Doctorates & Postdoctorates in Engineering and Computing

Laleh Cotes & Elisa Stone, UC Berkeley; **Kelly Barry, Jess Krim, & Sharon Locke**, Southern Illinois University Edwardsville; **Wilella Burgess & Loran Carleton Parker**, Purdue University; **Sanlyn Buxner**, University of Arizona; **Jessica Dwyer**, University of Utah; **Larry Horvath**, San Francisco State University; **John Keller**, University of Colorado, Boulder; **SoonChun Lee**, Wichita State University; **Bryan Rebar**, University of Oregon; **Renee' Schwartz**, Georgia State University
Preliminary findings from a literature review about Teacher Research Experiences (TRE), Undergraduate Research Experiences (URE), and Course-based Undergraduate Research Experiences (CURE) programs in STEM fields

Robin Irely, UC Berkeley / San Francisco State University
Autism and writing: The case of the morpheme

Iva Chen, UC Berkeley
An innovative approach to measure orthographic processing

Roxanne Rashedi; Mil Wajanakunakorn; Jessalynn Sheldon; Christine Hu; Noreen Mansuri; Nour Elgezawi, UC Davis
A Pilot Study of a Classroom-Based Yoga Intervention with Transitional Kindergarteners and Kindergartners

Maedah Golshirazi, UC Berkeley
The Process of Parental Involvement in the Education of Children with ADHD

Acknowledgements

Thank you to the Graduate School of Education and the Dean's Office for providing financial support and encouragement; Phi Delta Kappan for providing financial sponsorship; Paul Cunningham and Jeanette Luong for room reservations; José Zavaleta for technology assistance; and Margaret Phillips for her support and for allowing use of the Education-Psychology Library.

Special thanks to our faculty moderators and professional panelists: Dean Prudence Carter, Dr. P. David Pearson, Dr. Yue-Ting Siu, Dr. Tia Madkins, and Herb Kohl.

Thank you to all of the student volunteers who provided planning, registration, refreshments, set-up, and clean-up support. A special thanks to Frankie Ramos, Robin Irely and the Research Day Organizing committee for their leadership in making Research Day happen.

Thank you to the Berkeley Review of Education for their financial and organizational support.

And thank you to all for presenting and attending, keeping this research tradition alive and well at the GSE. See you next year!



* * * * *

The Berkeley Review of Education (BRE), an open-access, peer-reviewed journal, is published biannually online and edited by students from the Graduate School of Education at the University of California, Berkeley.

Publishing is critical to success in academia yet few graduate students receive guidance and support in this area. One of the Berkeley Review of Education's key commitments is to the professional development of emerging scholars. Consider submitting your finished manuscripts to the BRE for publication!

Find out more about the journal, past issues, and the Call for Papers at:
<http://www.berkeleyreviewofeducation.com/>