

Allison Firestone
Curriculum Vitae
 University of California, Berkeley
 Graduate School of Education
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EDUCATION

- Anticipated 2021** **Ph.D. in Education**
 University of California, Berkeley, and San Francisco State University
Dissertation: Professional Inquiry Communities in Teacher
 Education: A Design Experiment
Committee: Anne Cunningham, Stephen Hinshaw, and Janelle Rodl
- 2012** **M.A. in Special Education**
 College of Education
 University of Oregon
- 2006** **B.A. in Literatures of the World**
 Literature Department
 University of California, San Diego
 Minor: Political Science
 Study abroad: Cambridge University, UK

PUBLICATIONS

Refereed Journal Articles

- Cruz, R. A., **Firestone, A. R.**, & Rodl, J. E. (2021). Disproportionality reduction in exclusionary school discipline: A best-evidence synthesis. *Review of Educational Research*, 91(4), 1–35. <https://doi.org/10.3102%2F0034654321995255>
- Firestone, A. R.**, Aramburo, C. A., & Cruz, R. A. (2021). Special education teachers' knowledge of high leverage practices: Validation of a pedagogical knowledge measure. *Studies in Educational Evaluation*, 90(5), 1–13. <https://doi.org/10.1016/j.stueduc.2021.100986>
- Firestone, A. R.**, Cruz, R. A., & Rodl, J. E. (2020). Teacher study groups: An integrative literature synthesis. *Review of Educational Research*, 90(5), 675–709. <https://doi.org/10.3102/0034654320938128>
- Firestone, A. R.**, & Rodl, J. E. (2020). Integrating with purpose: Leveraging content acquisition podcasts to enhance preservice teachers' knowledge of positive behavior interventions and supports with three different instructional conditions. *Journal of Technology and*

Teacher Education, 28(1), 5–32.

- Sutherland, M., **Firestone, A. R.**, Doabler, C. T., Clarke, B. (2020). Building students' and teachers' conceptual understanding of linear measurement: Teaching students with mathematics difficulties. *TEACHING Exceptional Children*, 53(1), 73–78.
<https://doi.org/10.1177/0040059920919131>
- Cruz, R. A., Manchanda, S. K., **Firestone, A.**, & Rodl, J. E. (2019). An examination of teachers' culturally responsive teaching self-efficacy. *Teacher Education and Special Education*, 43(3), 197–214. <https://doi.org/10.1177/0888406419875194>
- Doabler, C.T., Clarke, B., **Firestone, A. R.**, Turtura, J., Jungjohann, K., Brafford, T., Sutherland, M., Nelson, N. J., & Fien, H. (2019). Applying the curriculum research framework in the design and development of a technology-based tier 2 mathematics intervention. *Journal of Special Education Technology*, 34(3), 176–189.
<https://doi.org/10.1177/0162643418812051>
- Doabler, C. T., Clarke, B., Kosty, D. B., Nelson, N.J., **Firestone, A. R.**, Smolkowski, K., Turtura, J. E., Russell-George, A. A. S., Sutherland, M., Fien, H., & Maddox, S. A. (2019). Efficacy of a first-grade mathematics intervention on measurement and data analysis. *Exceptional Children*, 86(1), 77–94. <https://doi.org/10.1177/0014402919857993>
- Lawson, J., & **Firestone, A. R.** (2017). Building the field: The case for community service learning. *Teacher Education and Special Education*, 41(4), 308–320.
<https://doi.org/10.1177/0888406417727042>

Manuscripts in Submission

- Cruz, R. A., Rodl, J. E., Chen, I. Y. J., & **Firestone, A. R.** (revise and resubmit). A contextual analysis of special education disproportionality in one urban school district. *Remedial and Special Education*.
- Firestone, A. R.**, & Cruz, R. A. (under review). Building capacity to meet the needs of all students: Special educators' perceptions of preparedness to teach students with internalizing conditions. *Journal of Teacher Education*.

AWARDS AND HONORS

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|------|--|
| 2021 | Educating Teacher Educators Fellow
California Teacher Education Improvement Network |
| 2020 | AERA Division K Mentoring Session Student Scholar
AERA Teaching and Teacher Education Division |
| 2019 | Kaleidoscope Presentation Student Research Award for Literature Review
Council for Exceptional Children Teacher Education Division |

- 2019 **Graduate School of Education Block Grant Recipient**
University of California, Berkeley
- 2018 **Graduate School of Education Block Grant Recipient**
University of California, Berkeley
- 2018 **Graduate School of Education Summer Grant Recipient**
University of California, Berkeley
- 2017 **Graduate School of Education Block Grant Recipient**
University of California, Berkeley
- 2017 **Graduate School of Education Summer Grant Recipient**
University of California, Berkeley
- 2017 **Mabel Whitehead Special Education Scholarship**
San Francisco State University, Graduate College of Education
- 2016 **Mabel Whitehead Special Education Scholarship**
San Francisco State University, Graduate College of Education

RESEARCH GRANTS

- 2020 **CalTeach Instructional Improvement Grant for Improving Remote Teaching**
Department of Mathematical and Physical Sciences, UC Berkeley
Funded Project: Integrating Teacher Study Groups into Education Fieldwork-
Based Courses
Grant amount: \$5,000
- 2016 **The Professor K. Patricia Cross Collaborative Scholarship Award**
University of California, Berkeley, Graduate School of Education
Funded Project: An Examination of Teachers' Self-Efficacy in Culturally
Responsive Teaching
Grant Amount: \$10,000

CONFERENCE ACTIVITY

- Firestone, A. R.,** Aramburo, C. A., & Cruz, R. A. (2021). *Measuring HLPs: Validation and initial findings of an HLP knowledge measure* at the annual Council for Exceptional Children Convention & Expo, virtual conference.
- Firestone, A. R.,** & Cruz, R. A. (2021). *Meeting the needs of all students: Special educators' perceptions of preparedness to teach students with mental health needs* at the annual Council for Exceptional Children Convention & Expo, virtual conference.

- Cruz, R. A., & Firestone, A. R. (2021). *Disproportionality reduction in exclusionary school discipline: A best-evidence synthesis* at the American Educational Research Association annual meeting, virtual conference.
- Cruz, R. A., & Firestone, A. R. (2021). *Understanding the empty backpack: The role of timing in disproportionate special education identification* at the Sociology of Education Association annual conference.
- Firestone, A. R. (2020) [Accepted; conference canceled due to COVID-19]. *Teacher study groups and a common conceptual framework for PD research: A mixed-methods synthesis*. AERA Division K Mentoring Session Presentation at the American Educational Research Association annual meeting, San Francisco, CA.
- Cruz, R. A., Firestone, A. R., & Rodl, J. E. (2019). *Building the field: Strategic recruitment through community service learning*. Kaleidoscope presentation at the Teacher Education Division of the Council for Exceptional Children, New Orleans, LA.
- Firestone, A. R., & Cruz, R. A. (2019). *Teacher Study Groups: A model for enhancing preservice teachers' knowledge of high leverage practices*. Kaleidoscope presentation at the Teacher Education Division of the Council for Exceptional Children, New Orleans, LA.
- Firestone, A. (2019). *Leveraging technology to enhance preservice teacher knowledge of positive behavior supports* at the annual Council for Exceptional Children Convention & Expo, Indianapolis, IN.
- Firestone, A., & Jungjohann, K. (2019). *Teaching problem-solving skills to at-risk learners through a technology-based tier-2 mathematics intervention* at the annual Council for Exceptional Children Convention & Expo, Indianapolis, IN.
- Firestone, A., & Doabler, C. (2018). *teaching students with mathematics difficulties: instructional practices and technology-based activities* at the 40th International Conference on Learning Disabilities, Portland, OR.
- Lawson, J., & Firestone, A. (2018). *Strategic recruitment of special educators through community service learning* at the annual Council for Exceptional Children Convention & Expo, Tampa, FL.
- Bateman, R., Firestone, A., & Manchanda, S. (2017). *Paving the way for culturally responsive teaching: An examination of teacher self-efficacy* at UC Berkeley Graduate School of Education Research Day, Berkeley, CA.
- Clarke, B., Doabler, C., & Firestone, A., & Jungjohann, K. (2017). *Promoting critical*

problem-solving skills of measurement and data analysis among at-risk learners at the annual Council for Exceptional Children Convention & Expo, Boston, MA.

Doabler, C., Clarke, B., Jungjohann, K. & **Firestone, A.** (2015). *Features of effective math interventions: Selecting tier 2 programs that improve student learning*. Presented in the strand *RTI in Mathematics: Research-Based Innovations in Screening, Tier 2, and Tier 3* at the annual Council for Exceptional Children Convention & Expo, San Diego, CA.

TEACHING EXPERIENCE

San Francisco State University

Inclusive Education: Empowerment and Equity in Diverse Schools (Fall 2018, Fall 2019, Spring 2020)

Intern Teacher Support Sessions for Mild/Moderate Support Needs (Fall 2019, Spring 2020, Fall 2020)

Student Teaching Supervision for Mild/Moderate Credential Candidates (Fall 2019, Spring 2020, Fall 2020)

University of California, Berkeley

Project-Based Learning (Spring 2020)

Foundations of Reading Instruction (Co-instructor: Fall 2017, 2018, 2020;

Instructor of record: Fall 2019)

Invited Lectures

Topic: Student Mental Health in the Special Education Context

San Francisco State University, SPED 726: Student Teacher Support

Fall 2019

Topic: Internalizing Disorders, Mental Health, and Students' Social/Emotional Needs

San Francisco State University, SPED 601: Observation and Participation in Special Education

Spring 2019

Topic: Externalizing Disorders, Mental Health, and Evidence-based Practices in Classroom Management

San Francisco State University, SPED 601: Observation and Participation in Special Education

Spring 2019

Topic: Positive Behavior Interventions and Supports

San Francisco State University, SPED 330: Introduction to Disability

October 2017

Topic: Positive Behavior Interventions and Supports

San Francisco State University, SPED 330: Introduction to Disability

June 2017

RESEARCH EXPERIENCE

- 2020 – Present **Graduate Student Researcher**
Study title: CalTeach at Berkeley: Berkeley 3-D Teaching Project
 Deborah Nolan and Elisa Stone, University of California, Berkeley
 National Science Foundation (\$900,000)
- 2017 – Present **Graduate Student Researcher**
Study title: Attitudes Toward Individuals with Disabilities,
 Instrument Construction Project
 Janelle Rodl, Office of Research and Sponsored Programs, San
 Francisco State University (\$9,199)
- 2017 – Present **Student Research Project**
Study title: Teacher Study Groups: Applying Collaborative Models
 for Teacher Learning in the Preservice Context (A Series of Design
 Experiments)
- 2019 – 2020 **Student Research Project**
Study title: Constructing an Instrument to Measure Special Educators’
 Knowledge of High-Leverage Practices
- 2018 – 2019 **Student Research Project**
Study title: Teachers’ Perceptions of Preparedness to Teach Students
 with Internalizing Disorders
- 2016-2017 **Graduate Student Researcher**
Study title: Community Service Learning in the Teacher
 Recruitment Pipeline
 Janelle Rodl, Office of Research and Sponsored Programs, San
 Francisco State University (\$9,199)
- 2015 – 2019 **Research Assistant**
Study title: Precision Math: Using Interactive Gaming Technology to
 Build Student Proficiency in the Foundational Concepts and
 Problem-solving Skills of Measurement and Data Analysis
 Christian Doabler, University of Texas, Austin, and Ben Clarke,
 University of Oregon, National Science Foundation (\$3 million)
- 2014 – 2016 **Research Assistant**
Study title: Investing in Innovation Fund (i3): Validation of the
 Effectiveness of an Innovative Early Mathematics Intervention for
 High-need Students
 Ben Clarke, University of Oregon, Institute of Education Sciences
 (\$15 million)

2012 **Master's Thesis Research Project**
Study title: Incorporating High-quality Problem-Solving into
 Elementary Mathematics Instruction
 Advisor: Kathleen Jungjohann

PROFESSIONAL AFFILIATIONS AND SERVICE

American Association of Colleges for Teacher Education

Member
 2020 – Present

Journal Reviewer

Young Exceptional Children
 2019 – Present

American Educational Research Association (AERA)

Member, Special Interest Group for Teaching and Teacher Education
 2017 – Present

Council for Exceptional Children (CEC)

Member, Division of Research
 2016 – Present

Berkeley Review of Education

Co-Chief Editor; Formerly: Senior Copy Editor
 2016 – Present

NON-ACADEMIC WORK

2011 – 2014 **Special Education Teacher**
 Creslane Elementary, Creswell,
 OR

2010 – 2011 **Kindergarten Teacher**
 Kindercare Learning Center, Eugene, OR

2009 – 2010 **Paraprofessional**
 Oak Hill School, Eugene, OR

Teaching Credentials

Education Specialist Teacher Credential, Mild/Moderate
 Elementary Multiple Subject Credential
 California Language Acquisition and Development (CLAD) Credential