Arielle Boguslav

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EDUCATION

PhD	**University of Virginia** School of Education & Human Development Education Policy	May 2023 (expected)

Dissertation: *Capturing instructional practice at scale: Conceptualizing and describing the professional practice of teachers and coaches*

Committee: Julie Cohen (chair), Allison Atteberry, Vivian Wong, & Beth Scheuler

MPP	**University of Virginia** Frank Batten School of Leadership and Public Policy *Pi Alpha Alpha Honors Society*	May 2020

BA	**University of Cambridge** Girton College Archaeology and Anthropology	July 2010

PEER-REVIEWED PUBLICATIONS

Boguslav, A., Cohen, J., Katz, V., Sadowski, K., & Wiseman, E., & Wyckoff, J. (in revision at Educational Evaluation and Policy Analysis). *Implementing targeted professional development at scale in the District of Columbia Public Schools.*

Boguslav, A. (under review at Review of Educational Research). *Parsing coaching practice: Developing a systematic framework for describing coaching at scale.*

Anglin, K.L., **Boguslav, A**., & Hall, T. (accepted for publication at the Journal of Data Science). *Improving the science of annotation for Natural Language Processing: The use of the single-case study for piloting annotation projects.*

Anglin, K. L., Wong, V. C., & **Boguslav, A**. (2021). *A natural language processing approach to measuring treatment adherence and consistency using semantic similarity.* AERA Open, 7(1), 1-18. https://doi.org/10.1177/23328584211028615

OTHER PUBLICATIONS

Boguslav, A. & Goodrich, J. (2022, July 9). *The evidence and rationale behind the Steplab approach.* Steplab.

Goodrich, J. & **Boguslav, A.** (2022, April 28). Instructional coaching: 4 implementation challenges and how to diffuse them. Steplab. https://steplab.co/resources/post/BPwg5d3n/Instructional-Coaching-4-implementation-challenges-and-how-to-defuse-them.

Boguslav, A. (2020). *Supporting early childhood educators with obtaining a professional credential: Increasing the completion rate for the Early Childhood Ancillary Certificate.* Policy Brief for the Louisiana Department of Education.

CONFERENCE PRESENTATIONS

Boguslav, A. & Cohen, J. (2022, April). *Measuring pre-service teachers' instructional practice.* Paper presented at the 2022 Annual Meeting of the Association for Education Finance and Policy (AEFP), virtual conference.

Boguslav, A. & Cohen, J. (2022, April). *Measuring pre-service teachers' instructional practice.* Paper presented at the 2022 Annual Meeting of the American Educational Research Association (AERA), San Diego, CA.

Boguslav, A. (2022, March). *Parsing coaching practice: Developing a systematic framework for describing coaching at scale.* Paper presented at the 2022 Annual Meeting of the Association for Education Finance and Policy (AEFP), Denver, CO.

Boguslav, A. & Cohen, J. (2021, April). *Documenting the instructional growth trajectories of teacher candidates during the pre-service period.* Paper presented at the 2021 Annual Meeting of the American Educational Research Association (AERA), virtual conference.

Boguslav, A. (2020, conference cancelled). *Simulations in medical education: A review of the literature on the features of simulations in medicine and its relevance for teacher learning.* Paper accepted at the 2020 Curry Research Conference (CRC), Charlottesville, VA.

Boguslav, A., Cohen, J., Katz, V., Katharine, S., Wiseman, E., & Wyckoff, J. (2020, March). *Implementation of content-focused group learning and coaching program at scale.* Paper presented at the Association for Education Finance and Policy (AEFP) 45th Annual Conference, Fort Worth, TX.

Cohen, J., Wyckoff, J., **Boguslav, A.,** Katz, V., Katharine, S., Wiseman, E. (2019, March). *Professional learning at scale in Washington DC Public Schools.* Paper presented at the Association for Education Finance and Policy (AEFP) 44th Annual Conference, Kansas City, MO.

WORKS IN PROGRESS

Boguslav, A. & Cohen, J. *Using classroom observations to inform teacher education: The role of context in measuring pre-service teacher practice.*

Boguslav, A. & Anglin, K.L. *Identifying promising coaching moves to support improvements in pre-service teacher practice.*

Sims, S., **Boguslav, A.,** Forbes, K., & Goodrich, J. *Exploring persistence and fadeout of coaching effects for early-career teachers.*

Boguslav, A. & Goodrich, J. *Coaching with cognitive load in mind*.

RESEARCH APPOINTMENTS & CONSULTING

Research Assistant to Dr. Julie Cohen   Jul 2018-present
UVA School of Education

Research Consultant
Steplab   Jun 2021-present

RESEARCH PROJECTS & EXPERIENCES

Tools for Equitable Reading Instruction (PI Julie Cohen)
- Created an interactive survey using Qualtrics to support coders with efficiently and accurately coding videos of teachers' instruction using a new observational rubric and to support efficient data cleaning and analysis
- Designed a sub-study to provide feedback to participating teachers based on the observational rubric and explore the affordances and constraints of different approaches to providing that feedback. This study is currently being finalized and will be implemented in late Fall, 2022
- Once data collection is complete, I will be conducting generalizability analyses to understand the measurement properties of the new observational rubric.

Analyzing Usage and Implementation of the Steplab Online Coaching Platform (PI Arielle Boguslav)
- Identified specific data sources and analyses that could be used to understand coaches' use and implementation of the Steplab coaching platform and adherence to the Steplab coaching protocol and theory of change
- Developed a project proposal outlining the scope of work collaborating with Steplab
- Managed administrative requirements, including IRB approval, generating a data use agreement, and the logistics of obtaining Steplab data securely
- Cleaned and analyzed Steplab data to identify descriptive patterns in implementation

- Generated recommendations that led to changes to the online coaching platform to address implementation challenges I identified from earlier data
- Generated recommendations that have informed additional data collection efforts

Developing Automated Methods of Assessing Treatment Fidelity and Replication (PI Vivian Wong)
- Developed transcript coding protocol to assess coach fidelity to a coaching protocol
- Hired and trained undergraduate research assistants to complete coding
- Managed the logistics of the coding process to code 400 coaching conversations

Virginia Preschool Development Grant: Birth through Five (PI Daphna Bassok)
- Designed three text-message treatment protocols as part of a factorial RCT evaluating the effects of incentive payments and text messages communicating appreciation for teachers' hard work on teacher well-being and retention.
- Managed treatment implementation using SignalVine's text messaging service
- Designed survey items to assess recipients' perceptions of text messages
- Cleaned and analyzed survey and text-message data

TeachSim: Designing and studying mixed reality simulations for teacher preparation
(PI Julie Cohen and Vivian Wong)
- Observed pre-service teachers during several simulated practice opportunities and providing targeted feedback following TeachSIM coaching protocols within the context of several RCTs evaluating the effects of the coaching protocols
- Developed and implemented a new simulated scenario and observational rubric focused on pre-service teachers' responses to student misunderstandings of a fiction text
- Managed the implementation of a coaching treatment within the context of an RCT, including hiring coaches, training coaches, providing ongoing support for coaches, and managing coach scheduling
- Coded videos and transcripts of pre-service teachers' instruction during simulated practice opportunities according to several TeachSIM observational rubrics
- Designed and refined survey items for use as covariates and outcomes in RCT analysis
- Designed and implemented a qualitative interview protocol and coded resulting interview transcriptions to understand participating pre-service teachers' experiences of participating in simulated practice opportunities and receiving coaching

PROFESSIONAL EXPERIENCE

Teacher, 8th grade English   Jul 2015-Jun 2018
YesPrep Brays Oaks
Houston, Texas

Corps Member/Tutor   Aug 2014-Jun 2015
English High School, City Year Boston
Boston, Massachusetts

ESL Teacher   Mar 2013-Jul 2014
Wall Street English
Moscow, Russia

Researcher/Consultant   Oct 2010-Sept 2012
Innovia Technology
Cambridge, England

FELLOWSHIPS & AWARDS

Mary Catherine Ellwein Award, UVA School of Education   2022

Tri-Sector Leadership Fellowship, Frank Batten School of Leadership and   2019
Public Policy, Darden School of Business, and UVA School of Law

Curry Trustees Fellowship, UVA School of Education   2019

Pre-Doctoral Affiliate Fellow, UVA School of Education, Virginia   2018-present
Education Science Training, Institute of Education Sciences (IES)

Cambridge Overseas Trust Scholarship, University of Cambridge   2007-10

Feiga-Olch Trust Scholarship, Feiga-Olch Trust   2007-10

Girton College Grant, Girton College, University of Cambridge   2007-10

Girton College Travel Bursary, Girton College, University of Cambridge   2009

Girton College Scholar, Girton College, University of Cambridge   2008

TEACHING

Co-instructor   Spring 2021
Introduction to Educational Psychology
Instructor: Dr. Sara Rimm-Kauffman
Department of Education Leadership, Foundations & Policy, UVA

Co-instructor   Fall 2020
ESL Methods, PreK-12
Instructor: Dr. Chris Chang-Bacon
Department of Curriculum, Instruction & Special Education, UVA

Co-instructor   Summer 2020
Curriculum & Instruction for Elementary and Special Education
Instructor: Dr. Julie Cohen
Department of Curriculum, Instruction & Special Education, UVA

Co-instructor   Summer 2019
Understanding Educational Contexts
Instructor: Dr. Stephanie van Hover
Department of Curriculum, Instruction & Special Education, UVA

Teaching Consultant   Spring 2019
Volunteer with International Students, Staff, and Scholars (VISAS)
Center for American English Language and Culture, UVA

PROFESSIONAL SERVICE

Panel Member   Jan 2022
Virginia Education Sciences Training Program, University of Virginia

Workshop Facilitator   Jun 2021
Summer Undergraduate Research Program

Proposal Reviewer   Feb 2020
Curry Research Conference, University of Virginia

Invited Peer Reviewer   Nov 2020-present
Educational Researcher

Mentor   Jun-Jul 2019
Summer Undergraduate Research Program

Panel Member   Jul 2019
Summer Undergraduate Research Program

PROFESSIONAL AFFILIATIONS

Association for Education Finance and Policy (AEFP)
Association for Public Policy Analysis and Management (APPAM)
Society for Research on Educational Effectiveness (SREE)
Behavioral Science and Policy Association (BSPA)
American Educational Research Association (AERA)

ADDITIONAL TRAINING & PROFESSIONAL DEVELOPMENT

Data Visualization and Descriptive Research May 2022
University of Virginia
Instructor: Brendan Bartanen, University of Virginia

Foundations of Measurement & Item Response Theory Jan 2022
University of Virginia
Instructor: Megan Kuhfeld, Northwest Evaluation Association (NWEA)

Policy Communication May 2021
University of Virginia
Instructor: Miriam Greenberg, Harvard Strategic Data Project

Using Factor Analysis for Survey Design and Validation Aug 2020
American Educational Research Association (AERA) Virtual Learning Series
Instructors: Katherine Picho and Marie Plaisime, Howard University

Introduction to Systematic Review and Meta-Analysis Jun 2020
American Educational Research Association (AERA) Virtual Learning Series
Instructors: George Wimberly (AERA), Terri Pigott (Loyola University
Chicago), Amy Dent (University of California Irvine), Josh Polanin (American
Institutes for Research), and Joseph Taylor (University of Colorado, Colorado
Springs)

Behavior Insights Group (BIG) Ideas Doctoral Workshop Aug 2019
Harvard Kennedy School, Center for Public Leadership
Organizers: Kate Barasz (Esade Ramon Llull University) and Ting Zhang
(Harvard Business School)

Economic Evaluation & Cost-Effectiveness Analysis Jun 2019
University of Virginia
Instructor: A. Brooks Bowden, University of Pennsylvania

Statistical Mediation, Moderation, and Conditional Process Analysis May 2019
University of Virginia
Instructor: Andrew F. Hayes, University of Calgary