

Maya Bialik

maya.bialik@gmail.com

30A Lake st. Somerville, MA 02143 | 617-233-9556

mayabialik.com | [LinkedIn](#)

Harvard University | 2011 - 2012

M.Ed. Mind, Brain & Education

UMass Amherst | 2007 - 2011

B.S. Neuropsychology

B.S. Biology

B.A. Psycholinguistics

The Wharton School | 2020

Entrepreneurship Acceleration Program

Semi-finalist in pitch competition

BOSTON COLLEGE HIGH SCHOOL

a jesuit middle and high school

Science Teacher (Aug 2021 – Present)

- Taught 7th grade chemistry and directed improv club teaching listening, teamwork, focus, and creativity
- Developed 7th grade interdisciplinary PBL curriculum
- Served on committees incl. teacher council, student led conference committee, student voice pilot, grading for equity book club, and PD council
- Led Professional Learning Group on the topic of Teacher as Researcher

HARVARD BLOOMBERG CITY

LEADERSHIP INITIATIVE

a leadership think tank and training program for mayors

Impact Analyst (May-Aug 2021)

- Evaluating impact of mayoral trainings, student fellowships, and case study method of pedagogy

CENTER FOR CURRICULUM REDESIGN

an educational think tank answering the question, "what should students learn?"

Director of Research & Development

(Sep 2018 – Sep 2020)

Research Manager (Jul 2014 – Sep 2018)

Researcher (May 2012 - Jul 2014)

- First hire at educational non-profit think tank which has grown to a global company of 30+ employees
- Managed a team of SMEs to design a new set of PreK-9 Math standards
- Managed a team of researchers to conduct primary research on pedagogical practices tied with teaching competencies through interviews of 80+ expert teachers using qualitative and quantitative methods.

Selected Publications:

Books:

Fadel, C, Bialik, M., & Trilling, B. (2015) *Four-Dimensional Education: the competencies learners need to succeed*.

Center for Curriculum Redesign. **(in 10 languages)** [\[link\]](#)

Holmes, W., Bialik, M., & Fadel, C. (2019). *Artificial intelligence in education: Promises and Implications for Teaching and Learning*. Center for Curriculum Redesign. [\[link\]](#)

Papers:

Fadel, C., & Bialik, M. (2018) Knowledge for the Age of Artificial Intelligence: What Should Students Learn? Center for Curriculum Redesign. [\[link\]](#)

Bialik, M. (2014) Does mathematics education enhance higher-order thinking skills? Center for Curriculum Redesign. [\[link\]](#)

Bialik, M. (2015) Theory of Change and Research Process. Center for Curriculum Redesign. [\[link\]](#)

Fadel, C., & Bialik, M. (2017). Evolving Assessments for the 21st Century: Findings from the Assessment Research Consortium. Center for Curriculum Redesign. [\[link\]](#)

Bialik, M. (2017) Overcoming System Inertia in Education Reform. Center for Curriculum Redesign. [\[link\]](#)

[For a full list, please see maya.bialik.com/publications]

- Designed and conducted a suite of professional development seminars that embody the center's values and best practices of the Learning Sciences
- Designed courseware development process (including evaluation rubrics) and conducted quality review of all deliverables throughout the content production lifecycle
- Recruited and managed a team of researchers to construct theoretical grounding and articulate practical implementation of the center's work by writing papers and books
- Served on Assessment Research Consortium grant approval committee, evaluating the potential effectiveness and impact of research projects on teaching competencies for the 21st century
- Conducted literature reviews and organized initial summits to create and articulate theoretical framework
- Assembled and managed a team of developers using agile techniques to create an online, collaborative and creative software tool for curriculum development and learning experience design

THE PLENARY

a non-profit interactive experience design studio that creates innovative ways to explore current issues

Board Member (Jan 2018 - present)

- Oversaw design of #Iamascientist campaign that has reached 1500+ educators and 250,000+ students
- Advised on strategy and educational materials for new projects, including a game about food systems and a comic about truth.

Co-Founder | The People's Science

(May 2014 - Jan 2018)

- Established the predecessor to The Plenary, The People's Science, and managed all paperwork
- Managed volunteers to create and run an interactive science + art exhibition on the theme of Human Bias
- Designed theoretical framework on 21st Century Information Literacy and conducted trainings, workshops, and seminars.

MAYA BIALIK LLC

an independent education & research consultancy
(2012-present)

Professional Development Facilitator

- Society for Neuroscience
- SXSWedu
- Learning & the Brain
- Russian Pedagogical Workshop
- Gann Academy

Curriculum Specialist

- VRperspectives
- Sawhorse Revolution
- Artisan's Asylum
- Hands On Keys Improv Piano
- Singing with Nate: Improv Singing

Teaching Assistant

- Harvard University:
 - Polymathy: The World in Ten Curves
 - Mind, Brain, Edu Synthesis
 - Human Learning + Machine Learning
- Learning Principles (Olin College)
- Synergy (Oak Hill Middle School)

Applied Improv Facilitator

- Harvard School of Public Health
- Improvscience
- Emerson Science Collaborative
- Harvard Mind, Brain, Behavior Seminar
- Committee on the Public Understanding of Science Conference

OTHER UNIVERSITY RESEARCH

- Harvard University: Tina Grotzer | Understanding Consequence Project
- UMass Amherst:
 - Adrian Staub | Psycholinguistics Lab
 - Gerald Downes | Neurobiology Lab
 - Lisa Scott | Developmental Neuroscience Lab