

Maya Bialik *thrives when...*

maya.bialik@gmail.com

23 Pitman street Somerville, MA 02143 | 617-233-9556

mayabialik.com | [LinkedIn](#)

- ★ contributing to a collaborative, dynamic work culture as a leader or team member
- ★ analyzing and deconstructing systems
- ★ generalizing experiences and synthesizing disparate perspectives into cohesive frameworks & products
- ★ tackling meaningful big-picture societal issues
- ★ rising to meet intimidating challenges
- ★ improving through reflection, feedback, and iteration

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

Experience

BLOOMBERG HARVARD CENTER FOR CITIES

a Harvard center for training mayors

Impact Associate

May 2021 - Aug 2021

- Evaluated 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?"

Advisor

Sep 2020 - Present

- Managed a team of SMEs to design a new set of PreK-9 Math standards based on leading frameworks & research
- Advised on strategy and framework design of new projects

Director of Research and Development

Sep 2018 - Sep 2020

- Assembled and managed a team of developers using agile techniques to create an online, collaborative and creative software tool for curriculum development, alignment to standards, and learning experience design
- Designed and conducted a suite of professional development seminars that embody the center's values and best practices of the Learning Sciences

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:

Bertrand, K. Z., Bialik, M., Virdee, K., Gros, A., & Bar-Yam, Y. (2013). Sentiment in new york city: A high resolution spatial and temporal view. New England Complex Systems Institute. [\[link\]](#)

Bar-Yam, Y., & Bialik, M. (2013). Beyond big data: Identifying important information for real world challenges. New England Complex Systems Institute. [\[link\]](#)

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

Bialik, M., & Fadel, C. (2015). Skills for the 21st

- 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.
- Designed courseware development process (including evaluation rubrics) and conducted quality review of all deliverables throughout the content production lifecycle
- Built and fostered partnerships with like-minded organizations and jurisdictions

Research Manager

Jul 2014 – Sep 2018

- 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
- Cultivated relationship with Somos Educação incl. professional development as they adopted CCR’s framework into their publishing process, which reached 40 million+ students
- Wrote books and papers as a thought leader in the future of education on topics such as the teaching of competencies, restructuring knowledge, and AI in education.
- Served on Assessment Research Consortium grant approval committee, evaluating the potential effectiveness and impact of research projects on teaching competencies for the 21st century

Researcher

May 2012 - Jul 2014

- First hire at educational non-profit think tank
- Conducted initial literature reviews and organized initial summits to create and articulate theoretical framework

VR PERSPECTIVES

a start-up that designs VR empathy training

Advisor

Feb 2021 - present

- Advise on strategy and on how to incorporate leading ideas

century: What should students learn? Center for Curriculum Redesign. [\[link\]](#)

Bialik, M., Bogan, M., Fadel, C., & Horvathova, M. (2015). Character education for the 21st century: What should students learn? Center for Curriculum Redesign. [\[link\]](#)

Bialik, M., & Fadel, C. (2015). Meta-learning for the 21st century: What should students learn. Center for Curriculum Redesign. [\[link\]](#)

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

Bialik, M. (2015) Redesigning the Curriculum for the 21st Century Education: CCR Foundational White Paper. 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. [\[link\]](#)

Hill, K. L., Fadel, C., & Bialik, M. (2018). Psychomotor Skills for the 21st Century. Center for Curriculum Redesign. [\[link\]](#)

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

Online Publications:

Bialik, M. (2015) Three Ways to Confuse Students (and why you should). Learning & the Brain. [\[link\]](#)

Bialik, M. (2015). Meta-Learning: The

from the Learning Sciences into new VR experiences

Director of Curriculum

Jul 2020 - Feb 2021

- Led a team in the development of diversity, inclusion, and belonging curricula; trainings have reached 8K+ adult learners
- Synthesized research into theoretical model for educational approach to empathy training via VR

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 legal 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.

SAMEPAGE

An app start-up for people to make meaningful connections around books

Founder

Sep 2020 - Mar 2021

- Developed vision and strategy pitch deck for app for dating and friending based on books

Importance of Thinking About Thinking.
Learning & the Brain. [\[link\]](#)

Fadel, C., Bialik, M. (2017) Assessments for the 21st Century. National Association of Independent Schools (NAIS) Magazine. [\[link\]](#)

Testimonials:

Supervising Maya:

"If you wish to challenge the status quo, Maya is your Person. She has a unique ability to doggedly "ask why 5 times", to get to root causes. Then, once root causes are identified, she will creatively work at devising answers. Her wide-ranging education in the learning, social and biological sciences, coupled with an incisive intellect, are powerful tools to spot analogies and differences, gaps and overlaps, while exploring possibilities and honing in on solutions."

Charles Fadel

Center for Curriculum Redesign

charles.fadel@curriculumredesign.org

Reporting to Maya:

"I first met Maya when she facilitated a professional development workshop that changed the trajectory of my career (and relieved me that a brilliant thinker was working on problems I considered key to education and society at large). She contacted me a year later about working on her team and I jumped at the chance to collaborate with her. On teams under her leadership in the three years since, I have engaged in some of the most intellectually challenging and rewarding work I've ever completed."

- Recruited designer and managed the design of the MVP
- Semi-finalist in Wharton's pitch competition

MAYA BIALIK LLC

an independent education & research consultancy

Pedagogical Specialist

- Sawhorse Revolution | Seattle, WA
- Artisan's Asylum | Somerville, MA
- Hands On Keys Improv Piano | Remote
- Singing with Nate: Improv Singing | Medford, MA

Teaching Assistant

- Polymathy: The World in Ten Curves | Harvard University, Cambridge, MA
- MBE Synthesis | Harvard University, Cambridge, MA
- Human Learning + Machine Learning | Harvard University, Cambridge, MA
- Learning Principles | Olin College, Needham, MA
- Synergy experimental classroom | Oak Hill Middle School, Newton, MA

Teacher

- Open Minds: Philosophy for Kids
- Cambridge Youth Development Program
- ImprovBoston Camps
- Startalk: Russian Language theater
- Atrium School | Substitute

Professional Development Facilitator

- CCR Summits
- Society for Neuroscience
- SXSWedu
- Learning & the Brain
- Russian Pedagogical Workshop

Applied Improv Facilitator

- Harvard School of Public Health
- Improvscience
- Emerson Science Collaborative

Maya leads teams with expert precision and passion, and builds them with the same attention to detail and drive. I frequently speak with team members about her extremely strong hiring record, and try to emulate her interview processes and reflection-based hiring practices. She elevates the performance of those she works with by asking critical and probing questions while generating a contagious enthusiasm and energy for the work. She is constantly considering ways to improve systems, always playing with new technologies and processes that can streamline workflows. Her commitment and dedication to generating a great product is unprecedented, and she inspires those around her to meet her always-high expectations, providing useful and formative feedback. She is driven and motivated, always seeking to user-test ideas, gain quick feedback, and iterate. She is a flexible problem-solver, and is remarkably resourceful in quickly finding ways past obstacles.

Put simply, when Maya sets her mind to something, she will accomplish it.

Remarkably, she also possesses a joyful disposition, love of life, sense of humor, and general positivity in a way I rarely see with people of her academic rigor. Designing ambitious frameworks or processes with her, in addition to being intellectually rewarding and fulfilling, is fun. The work is filled with laughter in a way that creates an atmosphere comfortable with risk-taking and throwing out wild ideas, fostering creativity and team unity.

- Harvard Mind, Brain, Behavior Seminar
- Committee on the Public Understanding of Science Conference

Improv Coach & Director

- Yes Anderson | Coach
- The Deerlings | Coach
- Charlamagne | Assistant Director
- Bruce | Assistant Director
- Love Me Tinder | Director
- McGuffin | Director
- MD-Go-Round | Director
- Provfessor | Director
- Special Guest | Director
- Dark n' Stormy | Director

Academic Tutor

- Jump A-Z | ESL | Nanjing, China
- Hansen English | ESL | Nanjing, China
- YouthBuild | Entrepreneurship | Boston, MA
- Shulman & Hill | SAT prep | Boston, MA
- Private middle and high school tutor: Math, Science, English

Non-Academic Instructor

- Sawhorse Revolution | Carpentry | Seattle, WA
- Boston Sports Club | Swimming | Wellesley, MA
- Beaver Country Day | Swimming | Newton, MA
- JCC | Swimming | Newton, MA
- Wellbridge | Swimming, CPR | Cambridge, MA

Independent Evaluator

- 700+ students' oral English skills of The High School Affiliated to Beijing International Studies University: Junior I & II and Senior I & II | Beijing, China

Research Consultant

- MIT Media Lab: Improv and team-building for Collective Intelligence
- Yana Weinstein-Jones: Improv and Education

Research Assistant

I can't recommend her more highly. Please do not hesitate to contact me for additional information."

Rob Taylor
robetaylor042@gmail.com

"A few strengths right from the top of my head:

- encouraging and
- supportive
- organized AND the ability to help organize others
- thoughtful
- super knowledgeable
- flexible
- focused
- fun and humorous

When things mattered I found her to be thoughtful, flexible, and a great listener. When we got stuck on nuances and details that don't really impact the big picture I found her to be decisive and take the lead."

Carrie Ott
 Center for Curriculum Redesign
 Chicago Public Schools | Illustrative Mathematics
carrie.ott1@gmail.com

Technologies

- NVivo
- Airtable
- Jira
- Asana
- Trello
- Miro
- Tableau
- Mendeley
- Google Docs, Sheets, & Slides
- Microsoft Office, Excel, & Powerpoint
- Pages
- Canva
- Google Data Studio

Languages:

English | Russian | Spanish

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

Groups:

- Founding member and then president of UMass Neuroscience Club
- Volunteer at Harvard Alumni Entrepreneurs, Boston Chapter