

## Education

New York, NY	<b>Columbia University Graduate School of Arts and Sciences</b>
2016	<b>Master of Arts (MA)</b> , Department of English and Comparative Literature
Williamsburg, VA	<b>The College of William and Mary</b>
2010	<b>Bachelor of Arts (BA)</b> , English and Philosophy, <i>summa cum laude</i>

## Professional Positions

2016 – Current	<b>Data Visualization and Product Designer</b>
New York, NY	<b>Two Sigma</b>
2015 – 2016	<b>Spatial Research Intern</b>
New York, NY	<b>Columbia University Graduate School of Architecture, Planning, and Preservation</b>
2015 – 2016	<b>Data Visualization Designer and Developer</b>
Brooklyn, NY	<b>emilyfuhrman.co</b>
2014 – 2015	<b>Data Visualization Analyst</b>
Brooklyn, NY	<b>Huge Inc.</b>
2012 – 2014	<b>Data Visualization Designer and Developer</b>
New York, NY	<b>AdFin</b>
2010 – 2012	<b>Consultant</b> , Advanced Analytics
2009	<b>Intern</b> , Modeling, Simulation, Wargaming, and Analysis
Arlington, VA	<b>Booz Allen Hamilton</b>

## Academic Positions

2017 – Current	<b>Lecturer</b>
New York, NY	<b>Columbia University School of Professional Studies</b> (5 sem.) <i>Data Visualization and Design (APAN5500)</i> , graduate-level course.
2016	<b>Teaching Assistant</b>
New York, NY	<b>Columbia University Graduate School of Architecture, Planning, and Preservation</b> (2 sem.) <i>Mapping for Architecture, Urbanism, and the Humanities (ARCH6805, ARCH4122)</i> , graduate-level course.

2015	<b>Teaching Assistant</b>
New York, NY	<b>Columbia University Graduate School of Arts and Sciences</b> (1 sem.) <i>Borderlands Seminar (HIST8495)</i> , graduate-level course.
2015	<b>Research Fellow</b>
New York, NY	<b>Columbia University Group for Experimental Methods in the Humanities</b>

## Fellowships and Research Programs

2009	<b>James Monroe Scholarship Program</b>
2008	<b>William and Mary University of Cambridge Summer Program</b>

## Honors and Awards

2010	<b>Phi Beta Kappa Prize</b> , William and Mary Department of English
2009	<b>Phi Beta Kappa Society</b> <b>William and Mary Concerto Competition (First Place, Piano)</b> , William and Mary Department of Music
2006	<b>James Monroe Scholar</b> , The College of William and Mary

## Solo Exhibitions

2016	<b><i>Lossless</i></b> , Ace Hotel New York (in conjunction with Discwoman and MoMA PS1)
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## Technical Skills and Proficiencies

Languages	<b>JavaScript (D3.js, Leaflet), HTML5, Processing.</b> Working knowledge of: <b>Python, R.</b>
Software	<b>Tableau, Adobe Creative Suite (Photoshop, Illustrator, InDesign), Sketch, Figma, QGIS.</b>
Frameworks	<b>Jekyll.</b>

## Select Speaking Engagements

2018	<b>NYU Gallatin School of Individualized Study</b> , <i>The Poetics of Information</i> <b>Two Sigma</b> , Learning and Development Series
2017	<b>Columbia University</b> , <i>Joyce in the Digital Age</i> <b>Data Visualization Summit Boston 2017</b> <b>Harvard University</b> , <i>Digital Humanities for Caribbean History: A History Design Studio Workshop</i>

2016    Columbia University Graduate School of Journalism, Lede Program  
Columbia University Center for Teaching and Learning, Innovative Teaching Summer Institute (ITSI)  
Open Data Science Conference (ODSC) East  
Columbia University, *The Art of Data Visualization*

## Publications

Workshops    Rogowitz, B., Kwon, B.C., & Fuhrman, E. (2018). "Towards Guidelines and Practices for Teaching Data Visualization."  
Presented at *VisGuides: 2nd Workshop on the Creation, Curation, Critique and Conditioning of Principles and Guidelines in Visualization*, IEEE VIS 2018: Berlin, Germany.

## Reading Groups

Participant    **Arts & Algorithms**, Columbia University

## Other

Memberships    IEEE  
The Long Now Foundation  
Outdoor    PADI Open Water Certified Diver