

**MAGGIE FAVRETTI**  
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## **EDUCATION**

Climate Reality Leader Certification, 2023  
Harvard Graduate School of Education, Project Zero  
Justice By Design Certification, 2021  
Yale University School of Medicine and Public Health Certifications in Climate Change and Health, 2019, and Science of Happiness, 2020  
Collective Trauma Healing Certification, Thomas Hübl 2021  
IDEO Certification in Design Thinking for Social Innovation, 2019  
United Nations SDGs Academy, "Sustainable Cities," With Distinction 2018  
Middlebury College, Bread Loaf School of English, M.A. English 1994, Valedictorian  
Yale University, B.A. History of Art 1985, with Distinction in the Major

**CAREER SUMMARY & PHILOSOPHY:** With a foundation of 38+ years of experience teaching young people and colleagues, and building bridges between scholarship and practice, I teach educators and design curricula and co-generational programs focused on learning with purpose and authentic youth agency, practicing much-needed essential mindsets & skills and deepening content knowledge. By shifting the education paradigm from conquering test scores to conquering our community's challenges, we bake meaning and joy back into learning, build on young peoples' creativity, connect past and future, network the changemakers, and co-create a more resilient, sustainable, and equitable world.

<http://www.designEd4resilience.org>

## **EMPLOYMENT &**

### **Collaborations:**

Director, Alliance for the Mystic River Watershed 501c3 2023-  
US Coast Guard Academy, Climate Change & Natural Hazards EM5498, 2022  
Collaborating Partner in Community Resilience and Civic Engagement  
Connecticut College, HMD 304 Policy Changemaking for Education Justice 2022  
Resilience By Design Lab (Royal Roads University), UPR-Mayagüez—Canada  
SSHRC, Puerto Rico Action Research: Does youth-and teacher-led co-design thinking for community-based climate action aid in well-being and agency, optimizing disaster risk reduction? 2020-2024  
InnovationHub.School Global Regenerative Learning Coach, 2022+  
ResilientSEE, 2019-present Resilient Community Hubs and Integrated  
Solutions for Disaster Risk Reduction & Climate Change Innovation  
Yale Tsai CITY and YBG mentor for startup teams in education, food systems, sustainability  
US Coast Guard Academy, 2019-present Coastal Resilience Education Outreach  
Partner, Design Thinking and Leadership, Mentoring  
ARS Guayanilla (PR) Public High School Mentoring and Design, D-labs 2020-21  
Simposio CoCreando, UPR-Mayagüez, 2020-present. Design thinking facilitator  
for community challenges in Sanitation, Limiting COVID19, and  
Renewable Energy.  
Youth Passion Project, Board of Advisors, 2020-2022  
RISE PR University Network, Disaster Recovery Workshops for Teachers and  
Community Leaders 2020, External Advisory Board  
Hanbury, VA SeaGrant Webinar on Collaboration for Resilience January 2020  
Collective Trauma & Healing, with Thomas Hübl, 2020-21  
Docutribe Fellow, 2019  
Seriously Creative, San Juan, Creative Problem Solving in Education  
Program Design 2019-2020

Puerto Rico Department of Education Design Thinking PD, Feb 2019  
HHS/FEMA/NGO Joint Committee on Disaster Recovery and Resilient Schools (Jan 2019-present), Advising Member  
Consulting Expert in: Education for Creative Problem Solving, Resilient Schools, and Building Resilient Communities  
(Puerto Rico 2017-, Montecito, CA 2018-; African Youth Council on Climate Change Collab 2019-, Sharjah, UAE 2019, Syria Fund/MECI collab in Sal, Jordan, City 2.0 New York 2014-2018)  
Facilitator CELF, Children's Environmental Literacy Foundation, 2018-2021  
El Pueblo Unido Program, Thought Partner and Intersession Design Lab Creator and Facilitator (Resilience & Climate Change Innovation), Escuela Francisco Manrique Cabrera, Bayamón, Puerto Rico January 2019

Scarsdale (NY) High School, NY 1995-2018 Retired June 2018  
Middlebury (VT) Union High School 1989-1995  
South Burlington (VT) High School 1987-1989  
Scarsdale High School 1985-1987  
French Education Ministry US Examiner, History & Geography 2000-2013

## **AWARDS**

US Coast Guard Academy, JoAnn Miller Community Award, 2023  
Westchester County ECO Award for Environmental Education 2018  
Thomas K. Sobol Civic Service Award 2018  
Sousa Mendes Foundation Act for Freedom Award 2017  
Presidential Innovation Award for Environmental Education, Obama Admin EPA, Hon. Mention (1 of 20, nationwide) 2014  
OAH Tachau Teacher of the Year Award, Honorable Mention 2010  
World History Association Teaching Prize 2006  
21st Century Northeast Regional Teacher of the Year 1995  
Guaranteed Student Loan Foundation First Year Teacher Award (one of 50) 1986

## **HONORS**

Keynote Address, Kids Conference Las Americas, with Isabel Colón, "What If Nature Designed Our Learning Program?" June 8, 2023  
American Superintendents' Association choice to consult with Puerto Rico's Education Department re: reopening of schools and PBL curriculum development, Oct. 2017  
Special Guest of National Academies of Science, Engineering, and Medicine's Resilience Measurement Task Force, Listening Tour NYC August 2017  
CELF Presenter and opening guest blogger  
Scarsdale Center for Innovation Grant Recipient: "Innovation Education and its Maker Spaces" 2012-present, "Design Thinking in the Humanities and Social Sciences," 2016-2017  
Keynote Speaker, NER-WHA and ASA Meeting, Salem MA, April 2004  
"Blasting Mussolini's Bridge: Toward a De-Provincialized US History"  
NE Asia History Foundation/NCTA Fellowship to South Korea, July 2010  
National Honor Society Induction Speaker, 2013, 2007, 1997  
(selected by Scarsdale High School student body)

## **LEADERSHIP**

Co-Founder, Alliance for the Mystic River Watershed 2022-present  
<https://www.alliancemrw.org/> Civic Action, Stewardship, Education  
Founder *DesignEd4Resilience*, helping schools and communities empower youth to

build resilience; alignment of ecosystems around youth-led initiatives and anti-racist and regenerative design thinking in community-based problem-solving and climate change innovation 2017-present <https://www.designed4resilience.org/>  
Coordinator of Youth Designing Climate Resilience, PR, in collaborative partnership with Resilience By Design Lab, Victoria, BC. Four schools and their communities.  
Co-Creator of *City 2.0*, public policy course in design thinking for urban resilience  
Co-Coordinator for Innovation Education ([innovatescarsdale.com](http://innovatescarsdale.com)) (working with colleagues to infuse k-12 curriculum with 21<sup>st</sup> century skills and mindsets, based on design thinking) and co-founder and advocate for SHS Design Lab District and School Sustainability Committee Leader 2008-9 and 2016-2018

Chair, College Board History Academic Advisory Committee, 1997-2013

World History Association Executive Committee, 1999-2005

Coordinator for Advanced Topics Curriculum Development and Transition (guiding and assisting other faculty in moving toward all aspects of a non-AP college-level curriculum)

Master Teacher for five student teachers and new teacher Mentor for five  
New courses recently created and taught:

*City 2.0* (public policy: urban issues problem-solving 2014-2018)

[www.city2pt0.org](http://www.city2pt0.org)

*Food Policy and Nutrition Science* (interdisciplinary w/ Health, 2013-2015)

*Politics, Economics, and Culture of Food* (2002-2014)

*World History and Literature* (interdisciplinary with English, 1995-2018)

Designed and taught professional development courses for teachers:

“Design Thinking and Climate Change Efficacy,” IIS Sharjah UAE, 2019,

“Design Thinking and Entrepreneurship,” PR DE February 2019, “Creative Problem Solving for Entrepreneurship & Innovation” (with students from FMC Bayamon, Puerto Rico, April 2018)

“Racial Perceptions in the Middle East and Latin America” (with Kevorkian Center, NYU), “Coffee: Connections and Conflict” (with NYU and Yale), “Creative Problem-Solving: Scarsdale Schools 2.0,” “Design Thinking and Making for Educators (summer four-day workshop),”

Design Thinking Across the Curriculum, Kent Place School, 2015 and Williams School 2016, IDEA-S: Reflections on Design Thinking 2016-17

Created and led Yale Blue-Green design challenge about activating youth in urban resilience planning, Steelcase, February 2017

Leads Students for Refugees (direct and indirect resettlement and support, an exchange with humanitarian school in Heidelberg, Germany, creation of a network of dozens of schools). Recognized by Westchester County, and Sousa Mendes Foundation. 2017

<https://www.scarsdaleschools.k12.ny.us/Page/24273>

SHS Sustainable Garden Project 2006-present (Grows and donates 2,000 pounds of food annually) Recognized by President Obama 2014

### **Recent Interviews, Presentations, and Papers**

Yale Learning in the Age of Climate Change Series, “Climate Well-Being and the Positive Civic Action Cycle”

[https://us06web.zoom.us/rec/share/PBwQoGJuGH3GFInktiKJNmV1BvgtRwcpkMUclY776Mk3fPDff6qP-zHpVI-fIF\\_v.JEC0dMoaPHDQklc5](https://us06web.zoom.us/rec/share/PBwQoGJuGH3GFInktiKJNmV1BvgtRwcpkMUclY776Mk3fPDff6qP-zHpVI-fIF_v.JEC0dMoaPHDQklc5)

Yale Climate Change and Health Program, Regenerating Well-Being with Nature and the Positive Civic Action Cycle, June 21, 2023

Interviewed by Benjamin Freud, *Coconut Thinking* podcast, Episode 3, 2023  
<https://coconut-thinking.captivate.fm/episode/the-decomposition-of-school-and-regeneration-of-learning-ft-maggie-favretti>

Interviewed by Fabienne Vailes *Flourishing* podcast 2x, 2022

Interviewed with Benjamin Freud on Regenerative Learning, by Nate McClennen, *Getting Smart Podcast*, April 2022.  
<https://www.gettingsmart.com/podcast/maggie-favretti-and-benjamin-freud-phd-on-regenerative-learning/>

Interviewed by Kyle Wagner, founder *Transform*, contributing author, Getting Smart 2022

Interviewed by Melissa Emler, founder and owner, Modern Learners Institute 2020

Interviewed by Leann Hackman-Carty--MYD (Master Your Disaster) Global  
<https://youtu.be/8hzP2heo27E> January 2020

Panelist and Co-creator, "Re-Rooting Sustainability Education: Regenerative Practice for Life," Virtual Global Regenerative Learning Conference  
<https://innovationhub.school/re-rooting-sustainable-education/>

"ReFrame Wonder: What if Wonder about the natural world shaped learning?"  
<https://www.youtube.com/watch?v=ZxmDC4XynA4> Co-created with Benjamin Freud, PhD and Charlotte Hankin, (Re)School Design Spring, EdInnova 2022

"Resilience is Regenerative Power" in "Political and Civic Education As a Model to Address Poverty and Climate Change" Panel. Society for Teaching Psychology, APA Conference 2021

"Simposio Co-Creando: A Community CoDesign Pilot," ASEE Virtual Conference, 2021

Webinar for Big Questions Institute (Will Richardson) Jan 2023

Webinar for HHS/FEMA Recovery Support Function on Community Designers: Uncovering Capacity October 2020

Webinar for PRETESOL on Inclusion, Well-Being, and Design Thinking, Sept 2020

Webinar on Collaboration for Resilience, Hanbury, VA Jan 2020  
[https://youtu.be/LUO\\_QEZ4R84](https://youtu.be/LUO_QEZ4R84) (1-2 min preview)  
<http://hewv.com/knowledge-cafe/webinar-now-available-conversation-on-collaboration/> (full webinar)

"Floods, Drought, Hurricanes, Earthquakes: How Climate Change is Affecting Puerto Rico's Students and What They Are Doing About It" CELF 2019

"Recovery and Resilience: How Design Thinking is Helping Students in Puerto Rico" Natural Hazards Center Annual Workshop, July 2019

"Rising Waters: Coastal Resilience and Community-Based Design Case Study: Toa Baja" US Coast Guard Academy Engineering Dept. April 2019

"What are We Waiting For? Educating Climate Change Innovators of Tomorrow TODAY." Echar Pa'lante Education for the Future Summit, PR, Aug 2018

"Education for Resilient Communities" Children's Environmental Literacy Foundation Educators' Workshop July 2018

"Refugee Trauma and the Language of Healing," March 2018 Panel Organizer

"Schooling By Design: Creative Problem-Solving and 21<sup>st</sup> Century Skills," 2013 College Board Forum

"Beer Goddesses and Brewsters: Women and Beer Culture from Mesopotamia to Milwaukee" WHA Annual Conference, June 2007 (podcast on thewha.org)

"The Last Best Hope: The US Civil War in a Global Context" NER-NCSS, Boston 2005

"Constantinople: Sitting Duck for Crusaders in a Venetian Blind? The Politics of Memory and Teaching the Fourth Crusade" AHA 2004

- “Tuber or Not Tuber: The Complicated Role of the Potato in World History”  
NCSS 2003
- “Bound By A Silver Chain: Global Trade, 1450-1750, New Research and a Simulation,” NCSS, Washington, DC, November, 2001

### **Some Publications**

- Book: Routledge 2023, *Learning in the Age of Climate Disasters*.  
<https://www.routledge.com/Learning-in-the-Age-of-Climate-Disasters-Teacher-and-Student-Empowerment/Favretti/p/book/9781032048086>
- Contributing author and advisor to seidel, sam and Svigals, Barry. *Changing the Conversation About School Safety: A Guide for Making Comprehensive and Sustainable Safety Decisions*. d.school k12 lab, 2022.
- Co-authored “Community Designers: A Pilot Community Co-Design Symposium”  
ASEE 2021
- “Our Lights Are Stronger Now: Building Coastal Resilience With Students in Puerto Rico,” USCGA Alumni Association Bulletin, Nov.-Dec. 2019
- “Resilient Community Hub Guidelines: An Extension to Keep Safe Puerto Rico: A Housing Guide for Resilient Housing” with ResilientSEE, ReImagina Puerto Rico, MercyCorps October 2019
- “Superstorm Godzilla,” USCGA Alumni Association Bulletin, April 15, 2015
- “World History In the Schools” in ABC-CLIO World History Encyclopedia, 2011
- Images of America: Hastings On Hudson, NY (Arcadia Press: 2008)
- “Bound By A Silver Chain: WHA Teaching Prize Lesson,” World History Bulletin, Vol. XXII, No. 2, Fall 2006
- “Constantinople: A Sitting Duck in a Venetian Blind? Teaching the Politics of Memory and the Fourth Crusade,” World History Bulletin, Vol. XX No. 1, Spring 2004
- “Who Killed the King?” Contribution to AP World History Teacher’s Guide, ed. Joan Arno, 2002