

# Emma Fuleky

Cell: +1 (808) 807-8383 · Email: efuleky27@punahou.edu

## EDUCATION

- **Punahou School, Honolulu, HI**

*Expected June 2027*

- High School Diploma
- GPA: 3.95/4
- 8 Honors Classes
- 8 AP Classes

## AWARDS

- **2026**

- International Science and Engineering Fair (ISEF) affiliated awards:
  - District: Yale Science and Engineering Award
  - State: 1st place in Physics and Astronomy Category; NASA Earth System Science Award; Hawaii Astronomical Society Award; Overall top 12 project out of more than 100 projects
  - International: ISEF 2026 Finalist in Phoenix, Arizona; New American University Merit Scholarship Award from Arizona State University; Finalist for Society of Science Alumni special award
- Best Delegate at International Model UN conference
- National Honors Society, completed 150 hours of community work

- **2025**

- Excellent Punahou Student award in Chemistry Honors
- Outstanding Punahou Student award in AP Chemistry and AP Physics 1 & 2

- **2024**

- Outstanding Punahou Student award in Biology Honors
- 1st Place Award in Beginning Public Forum

## ACTIVITIES AND LEADERSHIP

- **Science**

- Founder and Leader, Punahou Research and Science Club *2025 — present*
- Established the first research club at Punahou to introduce students to the scientific method and research process
- Invited and hosted professors from the University of Hawai'i to speak about their research and professions
- Mentored students through the scientific research process and helped them qualify for state and international science fairs

- **Astronomy**

- Co-President, Punahou Astronomy Club *2024 — present*
- Organized star and planet observation parties
- Held presentations on the Solar System, comets and meteorites, the lunar landing, and telescope parts
- Initiated astronomy-related projects, built and coded a radio telescope, and organized community outreach at museums

- **Communication and Debate**

- Member, Punahou Debate Team *2023 — present*
- Participated in 10 tournaments at county and state level and qualified to state championship twice
- Member, Punahou Model UN *2023 — present*
- Participated in beginner and advanced committees on worldwide issues including world peace, climate change, and pandemic-related challenges

- **Fundraising and Community Service**

- Food Division Head, Punahou Carnival *2025 — 2026*

- Led and trained 130 students across 13 food booths, managed shifts and supplies, and contributed more than 200 hours of leadership experience
- Punahou Student Ambassador *2021 — present*
- Guided new families through Punahou and contributed more than 50 hours of community service
- Hawaii Hungarian School Association *2013 — present*
- Contributed more than 400 hours of leadership experience as a camp counselor and language/cultural mentor

## SCIENCE PROJECTS

- **2025** — PBHs and Dark Matter: The Link Between the Early Universe and Modern Cosmology
  - State Science Fair Finalist
- **2026** — Disentangling the Cosmic Web: The Relationship Between Walls and Other Cosmic Structures
  - Link: <https://efuleky27.github.io/disperse/>
  - International Science and Engineering Fair Finalist

## SKILLS

- **Languages and Writing**
  - Proficient in English and Hungarian (native speaker)
  - Conversational proficiency in Spanish
  - Persuasive writing and poetry
- **Soft Skills**
  - Public speaking, communication, teamwork, leadership, organization, creativity, and working well under pressure
- **Programming**
  - Python

## ATHLETICS AND DANCE

- Open Water Swimming: regular participant in Waikiki Swim Club and biathlon races, Waikiki Roughwater Swim, and the Crossing of Lake Balaton, Hungary
- Dance: regular stage performances with the Punahou ballet and jazz ballet ensembles

The Review of Economics and Statistics; Journal of International Money and Finance; Journal of Banking and Finance; Journal of Money, Credit and Banking; Studies in Nonlinear Dynamics and Econometrics; Journal of Environmental Economics and Management; Journal of the Association of Environmental and Resource Economists; Asian Economic Journal; Annals of Tourism Research; Tourism Analysis; Czech Journal of Economics and Finance; Emerging Markets Finance and Trade; Contemporary Economic Policy; Applied Economics; Journal of Policy Research in Tourism, Leisure and Events; International Economics; Economic Modelling; Empirical Economics; Emerging Markets Review; Economics of Education Review; Humanities and Social Sciences Communications; The Economic Record; Environmental Monitoring and Assessment.

## PROFESSIONAL AFFILIATIONS

International Association for Applied Econometrics; Society for Nonlinear Dynamics and Econometrics; Italian Econometric Association; Society for the Study of Emerging Markets; Western Economic Association International; International Institute of Forecasters; Regional Science Association International; Association for University Business and Economic Research; Hawaii Economic Association (Member of the board of directors; Member of the conference committee 2016–17, 2021).

## UNIVERSITY SERVICE AT UH

### SENATOR IN THE MĀNOA FACULTY SENATE

- Member of the committee on faculty service. *2016 — 2017*

### CAMPUS-WIDE ORAL COMMUNICATION ASSESSMENT COMMITTEE

- Set performance expectations for UH Mānoa seniors. *2015 — 2016*

## SCHOOL OF TRAVEL INDUSTRY MANAGEMENT

- Member of the faculty personnel committee. 2016

## DEPARTMENT OF URBAN AND REGIONAL PLANNING

- Member of the faculty personnel committee. 2022

## SOCIAL SCIENCES RESEARCH INSTITUTE

- Member of the research council; review seed grant and travel award applications. 2019 — present

## DEPARTMENT OF ECONOMICS

- Contributor to the 5-year program review. 2015
- In charge of the weekly seminar series. 2015 — 2017
- In charge of communication/outreach/website/working papers. 2014 — 2016, 2022 — 2024
- In charge of software and equipment requests. 2013 — 2016, 2020 — 2022
- Member of the graduate committee; admissions; student database development.
- Member of the undergraduate committee. 2018 — 2020, 2022 — 2023 2011 — 2016, 2023 — 2025

## UHERO

- Chair of the forecast committee; in charge of forecasting methodology development. 2012 — present
- Member of the recruitment and faculty personnel committee. 2016 — present
- Chair of the faculty personnel committee. 2016 — 2017
- Member of the data committee; in charge of data management and workflow. 2011 — present

## LANGUAGES AND SOFTWARE

English (fluent), Hungarian (fluent), Slovak (fluent), Czech (fluent), German (advanced).  
R, Python, C, Git, Gekko, EViews, Aremos, LaTeX, macOS, Microsoft Office.