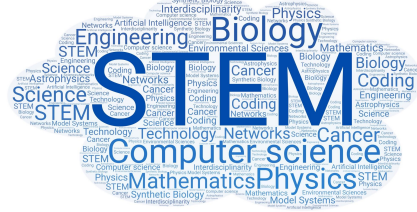




Bay Area
SCIENCE
FESTIVAL



STEM CAREERS & SOCIETY

Saturday, April 23, 12:30 PM

This online event will highlight the interdisciplinary of STEM careers and ultimately illustrate how science and society are profoundly interconnected in our world today.

Now more than ever issues such as climate change and the covid pandemic, to name a few, have demonstrated that scientific data must inform public policy, that proper government funding is needed to fuel innovation and the advancement of science, and that science data must be reported to the public in accessible yet accurate terms.

From tech entrepreneurship to intellectual property, from science outreach to public policy, we invite you to join a panel that will explore how a STEM background can be applied to multiple professional fields, such as business, law, communication and public policy. We will hear from four women in different STEM career paths and then weave the audience questions into a broader conversation about science and society.



Name: Ryanne Ramadan

Education: M.S. Management Science & Engineering, Stanford University; B.S. Biomedical & Electrical Engineering, University of Connecticut

Current Occupation: Engineer & Entrepreneur

Ryanne is passionate about the intersection of technology and business to solve the world's problems. She founded a startup that built wearables to improve mobility for Parkinson's Disease. She has experience building a variety of technologies such as a yoga prop to improve mental health, a smart belt to improve spatial awareness for the visually impaired, and many others! She is a problem solver and engineer at heart and is now looking to find what's next! Ryanne enjoys traveling & hiking, scuba-certified, and has completed the highest bungee jump in the world in South Africa.

Email: ryanne.noor@gmail.com



Name: Soody Tronson

Education: MS and JD. Licensed to practice in California and before the United State Patent and Trademark Office.

Current Occupation: Intellectual Property Attorney, Founder/CEO

Soody Tronson is Founding Managing Counsel at STLG Law Firm and Founder and CEO at Presque, a medical device start-up in the maternity space. Previously, she held technical and management positions at Schering Plough and Hewlett-Packard, where she took several products to market; practiced law at Hewlett-Packard Inc., a successfully acquired medical device start-up, and two national law firms, HellerEhrman and Townsend and Townsend. Soody serves in the board, advisory, and leadership capacities with several organizations; and teaches intellectual property. She volunteers in her city government and an entrepreneurship program supporting past and presently incarcerated people.

She has been selected as one of the 100 Women of Influence

by the Silicon Valley Journal. She is the Co-Author of "Women Securing the Future with TIPSS for IoT: Trust, Identity, Privacy, Protection, Safety, Security for the Internet of Things," Springer.

Email: soody@stlgip.com (reference the program in the subject heading)



Name: Anna Mebust

Education: BA, Chemistry/Mathematics, Pomona College; PhD, Chemistry, UC Berkeley

Current Occupation: Physical Scientist

Anna currently works as a Physical Scientist at the US Environmental Protection Agency, Region 9 office in San Francisco on air quality monitoring. She works to ensure that state and local air agencies are measuring air quality in compliance with EPA regulations, and analyzes the data collected by those agencies to evaluate compliance with EPA's air quality standards. She also works on evaluating impacts from wildfires and other natural events that cause air quality problems. Anna previously worked on the greenhouse gas cap-and-trade program (a major climate policy) for the state of California, and served as a fellow for energy and environment for U.S. Senator Bernie Sanders, I-VT.

Anna graduated with a degree in chemistry and

mathematics from Pomona College and her PhD research at UC Berkeley focused on emissions of pollutants in wildfire smoke. She is a mom to two amazing daughters, and she enjoys being outdoors, reading, puzzles, and exercise. **Email:** annamebust@gmail.com



Name: Ellice I. A. Peck

Education: B.S. Biology - Neuroscience

Current Occupation: Science Communication Graduate Student

Ellice is a science communication graduate student at Stony Brook University. She has a keen interest in using aesthetic principles to share science in an engaging, modern way. In 2014, she founded The Neuro Aesthetic, a platform that teaches researchers and professionals how to communicate their findings using scientifically backed communication techniques and a focus on visual design theory. At the Alan Alda Center for Communicating Science, Ellice helps to develop content and manage The Link platform, a website that connects science communication research to practice. She also hosts a podcast on The Link, Ellice's SciComm Corner, where she discusses academic papers and interviews experts in scicomm. In her free time, she manages a cozy gaming Instagram

account where she posts aesthetic photos and Reels of her gaming adventures and designs stickers to sell in her Etsy shop. **Email:** ellice.peck@stonybrook.edu



Moderator

Name: Rosaura P.C. Valle

Education: PhD., Molecular biology, University Denis Diderot, Paris, France,

Current Occupation: biotech executive in *in vitro diagnostics* for cancer detection; STEM education consultant

Born and raised into an Italian family in France, she was fascinated during her childhood by women like Marie Curie, the first female cosmonaut, and her middle school science teacher. She came to the US to hold post-doctoral positions at the NIH and at the FDA working in infectious diseases. She is passionate about STEM education and joined AAUW with the goal of improving access to STEM careers and college education for underrepresented students. She is the coordinator of the AAUW-SF TTAG, a program for Tech Trek Alumnae to connect, and to support their interest

in STEM careers through high school, college and beyond.

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