

BIOGRAPHY

SVEA ANDERSON

Svea Anderson is a STEM Education Specialist working as a contractor for the Air Force Office of Scientific Research (AFOSR) in Arlington, Virginia. In this role, she leads K12 STEM outreach projects to local schools in the National Capital Region.

Prior to joining the team, Ms. Anderson was an Einstein Fellow with the Department of Homeland Security under the branch, CISA: Cybersecurity Infrastructure Security Agency. In this role, Ms. Anderson worked with K12 development of cybersecurity curriculum, resources, and policies.

Throughout her career, Ms. Anderson has received many honors and fellowships that focused on connecting students with STEM opportunities. In 2018, Ms. Anderson was selected as a PolarTREC Educator and spent time in the Arctic, studying plant ecology with a researcher from the University of Alaska, Fairbanks. Also in 2018, Ms. Anderson was honored with the Presidential Award for Excellence in Mathematics and Science Teaching (PAEMST.) In 2019, she was selected as a Grosvenor Teacher Fellow, a partnership between National Geographic and Lindblad Expeditions. She was Arizona Science Teacher of the year in 2014 and a finalist for Raytheon's Leader in Education Award in 2012.



Ms. Anderson has a passion for connecting underrepresented youth with STEM opportunities and education. She believes that offering students an opportunity to see themselves in STEM careers is essential to creating a strong career path to the future. Ms. Anderson is always looking for new ways to connect learning back to current research, opportunities, and hands-on learning, in the STEM fields.

EDUCATION

2000 M.Ed. Antioch New England University, Keene, NH

1998 BS in Social Science – Sociology, Economics, Political Science, UMASS Amherst, Amherst, MA
Minor in Fish and Wildlife Biology on exchange at Humboldt State University, Arcata, CA

CAREER CHRONOLOGY (items should be in chronological order; not reverse)

4. 2000 - 2006, Educator, Attleboro Public Schools, Attleboro, MA
5. 2006 - 2020, Educator, Tanque Verde Unified School District, Tucson, AZ
3. 2017 - 2019 K-12 District STEM Coordinator, TVUSD, Tucson, AZ
7. 2020 - 2021, Educator, Flowing Wells Unified School District, Tucson, AZ
8. 2021 - 2022, Albert Einstein Distinguished Educator Fellow, Department of Homeland Security/CISA, Washington, D.C.
9. 2022 - 2023 Educator, Arlington Public Schools, Arlington, VA
9. 2023 - Education Specialist, contracted to the Air Force Office of Scientific Research, Arlington, VA

AWARDS AND HONORS

- 1) Albert Einstein Distinguished Educator Fellowship Awardee, U.S. Department of Energy (2021)
- 2) PAEMST: Presidential Award for Excellence in Mathematics and Science Teaching (2018)
- 3) Grosvenor Teacher Fellowship: National Geographic (2019)
- 4) PolarTREC educator: NSF (2018)
- 5) Arizona Science Teacher of the Year (2014)
- 6) Raytheon Leader in Education Finalist (2012)

- 7) Massachusetts Excellence in Environmental Education Award (2002)

PROFESSIONAL MEMBERSHIPS AND ASSOCIATIONS

National Science Teachers Association
Virginia Science Teachers Association
Beyond 100K
Computer Science Teachers Association
Arizona Science Teachers Association

PROFESSIONAL CERTIFICATIONS

Commonwealth of Virginia Professional License:

- 1) Endorsement in Elementary Education , July 2022

Arizona Professional License:

- 1) Endorsement in Elementary Education, June 2006

(Current as of: September 1, 2023)