

BIOGRAPHY

KATE KOGGE

Kate Kogge 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 coordinates the STEM Teacher Leadership Academy, a professional development program for K-12 educators in the Capital Region. She also leads various STEM-related workforce development efforts in and around Washington, D.C.

Prior to this position, Ms. Kogge was an Einstein Fellow with the National Air and Space Museum in Washington, D.C. She worked on teacher professional development efforts within the museum and created classroom resources that were used across the country. In the years prior to this fellowship, she worked as a middle school science teacher in Albemarle County, Virginia. She believes strongly in the power of student voice and agency and that even the youngest learners have the power to make an impact on the world through their work.

In 2018, Kate developed and launched Saturday Series, a free maker-based workshop for grades K-6 that bridges art, environmental science, and advocacy. This program has grown substantially since then, leading to a partnership with the University of Virginia's Environmental Science Program and grant-supported funding for over 200 participants in 2021. Kate was honored with the 2019 Golden Apple Award in Albemarle County and the 2020 RISE Award for Earth Science Teaching from the Virginia Association of Science Teachers. She was also a Northrop Grumman Scholarship recipient for the Space Academy for Educators and a grant recipient for both the Shannon Foundation and the Prana Fund. One of her fondest memories was when she took part in the ICESat-2 launch through the NASA Social program; this experience led to an incredible project that gave her students access to the scientists and resources at Goddard Space Flight Center.



Along with her role as a program lead and teacher, she had spent the last five years as a technologist within an IVF clinical laboratory. She also served the role of Co-Chair for Charlottesville's Sister Cities Commission, focusing primarily on educational initiatives and building an official partnership with the city of Huehuetenango, Guatemala. Kate has led and helped design professional development programming and public events in recent years and looks forward to expanding on this work through this role.

EDUCATION

2019 M.Ed. Educational Leadership, James Madison University, Harrisonburg, VA

2009 B.S. Integrated Science and Technology, James Madison University, Harrisonburg, VA

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

1. 2010 - 2014, Contract Laboratory Technologist, Martha Jefferson Hospital, Charlottesville, VA
2. 2014 - 2015, Science Teacher, Williamsburg-James City County Public Schools, Williamsburg, VA
3. 2015 - 2018, Science Teacher, Greene County Public Schools, Stanardsville, VA
4. 2016 – 2021, Laboratory Technologist, Reproductive Medicine and Surgical Center of Virginia, Charlottesville, VA
5. 2018 – 2021, Science Lead and Teacher, Albemarle County Public Schools, Charlottesville, VA
6. 2018 - 2022, Program Lead, Saturday Series, Charlottesville, VA
7. 2019 - 2021, Co-Chair, Charlottesville Sister Cities Commission, Charlottesville, VA
8. 2021 - 2022, Albert Einstein Distinguished Educator Fellow, National Air and Space Museum, Washington, D.C.
9. 2022 - present, 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) Teacher Innovator Award - First Place, The Henry Ford (2021)

- 3) RISE Award: Earth Science Teaching, Virginia Association of Science Teachers (2020)
- 4) Shannon Fund Grant Recipient (2020)
- 5) Prana Fund Grant Recipient, Center for Nonprofit Excellence (2020)
- 6) Golden Apple Award, Albemarle County Public Schools (2019)
- 7) Northrop Grumman Scholarship for Space Educator (2019)
- 8) NASA Social Selected Participant, ICESat-2 Launch at Vandenberg Air Force Base (2018)

PROFESSIONAL MEMBERSHIPS AND ASSOCIATIONS

National Science Teachers Association
Virginia Science Teachers Association

PROFESSIONAL CERTIFICATIONS

Commonwealth of Virginia Professional License:

- 1) Endorsement in Middle School Science, May 2014
- 2) Endorsement in Earth and Space Sciences, May 2018
- 3) Endorsement in School Administration & Supervision, December 2019

(Current as of: September 1, 2023)