MaryKay Severino

Co-Founder, Co-President, Education Director, Project Manager

CONTACT

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EDUCATION

ESL Post-bac MA licensure *Salem State University | 2015*

MA TESOL (Teaching English to Speakers of Other Languages)
Emporia State University | 2010

BA in Economics & Business
Villanova University | 2001

Massachusetts Educator Licenses
- *ESL, PreK-6 & 5-12*
- *Preliminary Sheltered English Immersion — Teacher*

AWARDS

NASA Science Mission Directorate Certificate of Appreciation *For contributions to 2017 Solar Eclipse*

NASA Science Mission Directorate Certificate of Appreciation For contributions to 2023 & 2024 Solar Eclipses

EXPERIENCE

CO-FOUNDER, CO-PRESIDENT, EDUCATION DIRECTOR, PROJECT MANAGER
ARISA Lab, LLC | 2020–present

EDUCATION & EXHIBITS PROJECT MANAGER
Smithsonian Astrophysical Observatory | 2017–2020

SMALL BUSINESS OWNER - REALTOR®
Affiliated with *Keller Williams Realty | 2016–2020*

ESL TEACHER
Revere HS, Bowditch Elementary and Pine Manor College | 2014–2016

ASSISTANT LANGUAGE PROFESSOR & PROGRAM COORDINATOR *Yeungnam University | 2012–2014*

VISITING PROFESSOR & ACADEMIC JOURNAL EDITOR *Kyungpook National University | 2010–2012*

More experience upon request

PROFESSIONAL HISTORY

MaryKay Severino is the Co-Founder of ARISA Lab and Co-Lead of the NASA-funded Eclipse Soundscapes Project (2021–2025). She brings over 15 years of experience in education, project management, and small business development. MaryKay previously served as Education & Exhibits Project Manager for the original Eclipse Soundscapes effort under NSSEC Phase 1, earning a Certificate of Appreciation from NASA's Science Mission Directorate for her contributions to the 2017 total solar eclipse. At ARISA Lab, MaryKay oversees all aspects of organizational operations, including strategic planning, financial management, project oversight, team leadership, and partnership development. She also leads curriculum design and drives outreach strategies across platforms. She is known for her strong leadership, organizational expertise, and commitment to STEM engagement.

PUBLICATIONS

Hartstone-Rose, A., Mulvey, K. L., Paciulli, L., Absher, R., Atkinson, N., Wilson, B., Hunter, D. L., Severino, M., & Cooper, C. (2024). Extraordinary Darkness: A Participatory Approach to Assessing Animal Behavior During Eclipses. Bulletin of the AAS, 56(3). https://doi.org/10.3847/25c2cfeb.75395fbe

Fuller, L., & Severino, M. (2024). Eclipses Across Texas - A Scientist's Experience Bringing a NASA Citizen Science Eclipse Project to Local Communities . Bulletin of the AAS, 56(3). https://doi.org/10.3847/25c2cfeb.b6ee74d5

Perrett, K., Severino, M., & Winter, H. (2024). Refining a 2023 Eclipse Participatory Science Project for a More Accessible and Inclusive Multisensory Eclipse Experience in 2024. Bulletin of the AAS, 56(3). https://doi.org/10.3847/25c2cfeb.33aed929

Severino, M., Perrett, K., Giles, E., et al. (2025). A Model for Success: How SciStarter's Partnerships with Eclipse Soundscapes and SunSketcher Engaged Communities and Amplified Impact in Participatory Science. Bulletin of the AAS, 56(9). https://doi.org/10.3847/25c2cfeb.5792d55f

Swann, J., Severino, M., Perrett, K., et al. (2025). Enhancing Eclipse Education: A Universal Design Approach to Comprehensive, Ready-to-Use Curricula for Diverse Classrooms. Bulletin of the AAS, 56(9). https://doi.org/10.3847/25c2cfeb.cbe8687f

ARISA

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