

## CAPABILITY STATEMENT

# ARISA Lab LLC

Advanced Research in STEAM Accessibility

ARISA creates innovative educational technology solutions and resources for commercial, educational, nonprofit and government agencies. ARISA can quickly mobilize the right people, SMEs, and technologies to best meet the needs of each project. ARISA puts a primary focus on ensuring that all of its products and resources meet the most demanding accessibility challenges faced by end users with the aim of building better and more engaging tools for ALL learners.



## CORE COMPETENCIES

- **Astrophysics/Science Consulting**
- **ESL and Education Consulting**
- **Educational Technology Solutions**
- **Innovative Technology Creation**
- **Museum Exhibit Development**

## DIFFERENTIATORS

### Science, Education & Business

ARISA understands and can meet the scientific and educational needs of clients while also ensuring it's done efficiently and marketed appropriately for maximum impact.

### Accessibility Focus

Ensuring that all people can participate more actively in society is not only the right thing to do, it's also smart business as it provides increased access to a larger pool of potential customers.

## SERVICES



**Science and Educational Product & Services Review**



**Science & Education Subject Matter Expert (SME) Talks/Presentations**



**Team Building Hackathon Development & Implementation**



**Innovative Technology Usage Consultation**



**Curriculum & Lesson Plan Development and Consultation**



**Develop Accessible Technologies**

Conduct a goals based needs assessment; Evaluate client's current technology usage and budget constraints; Recommend and implement novel technological solutions that are cost effective and that consider future support and expansion needs.

Evaluate materials & products for educational value per NGSS; Provide topic and audience specific curricula and lesson plans that meet the needs of educators and students while addressing varying WIDA levels, and accessibility requirements.

Evaluate and develop mobile applications, Smart Speaker Skills/Services, Web platforms/directories, and/or content to meet the scientific or educational objectives of clients and ensure these solutions are useful, engaging, and accessible to all end users.



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47 High Street, Suite 501, Medford MA 02155

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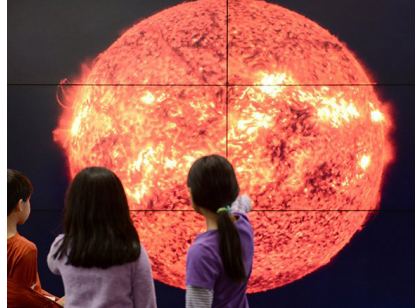


## PAST PERFORMANCE



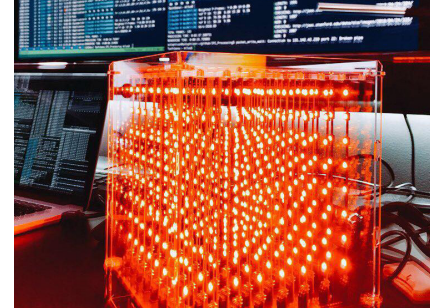
### Eclipse Soundscapes Mobile Application (iOS & Android)

An educational application that shares NASA SMD resources in an engaging and accessible way, with a focus on accessibility for people who are blind or visually impaired (BVI).



### National Air and Space Museum (NASM) "Dynamic Sun Video Wall"

Dubbed one of NASM's most popular exhibits, shares live and engaging imagery of the sun in real time to over 8 million visitors a year.



### NASA's STEM Innovation Lab Team Building Hackathon

A two day hackathon event at Goddard Space Flight Center for NASA scientists and educators that ignited a creative problem solving session resulting in the creation of new tools that utilize pre-existing and readily available commercial technology in a novel way to create adaptable, real time, 3D data displays.

## CORPORATE DATA & INDUSTRY CODES

**DUNS:** 117255466    **NAICS:** 541715, 541720    **CAGE CODE:** 8FBL6

## CONTACT INFO

Dr. Henry "Trae" Winter  
Co-Founder | CEO | Chief Scientist  
Trae@ArisaLab.org  
Ph: 617-221-6133

MaryKay Severino  
Co-founder | COO | Director of Education  
MaryKay@ArisaLab.org  
Ph: 617-221-6142



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