

**DHEDF Rural STEM Initiative – Overview of Southwest Research Institute
DHEDF Rural STEM Initiative Collaborating Organization
As of 21 May 2024**

To: DHEDF National Rural STEM Initiative Participating Schools

From: Wayne I. Fagan, DHEDF Chair

Date: 21 May 2024

Subject: Summary of info received from Southwest Research Institute (“SwRI”) and posted to DHEDF Rural STEM Initiative Private Pages for Participating Schools

Resources designed for use in Grades: 6-12

Team:

Introduction:

The information contained in this memo was graciously provided to us on behalf of **SwRI** by:

Tony Magaro

Vice President

Human Resources

Southwest Research Institute

<https://www.swri.org/>

[Southwest Research Institute: Who We Are](#)

We are R&D problem solvers providing independent, premier services to government and industry clients. Our multidisciplinary nature allows us to rapidly assemble diverse teams to tackle problems from multiple directions. We push the boundaries of science and technology to develop innovative solutions that advance the state of the art and improve human health and safety. Operating as a nonprofit since our 1947 inception, we work in the public’s best interest and toward the betterment of humanity. And as a contract R&D organization, we are here when you need us. Learn more about how to [WORK WITH US](#).

[SwRI In The Community](#)

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Our staff is expert at developing solutions that help build a better tomorrow today — and that practical, innovative spirit carries through to our community interactions. Staff members generously donate time and other resources to support food drives, blood drives, and other outreach programs.

Yet, as a research and development organization, the next generation of scientists and engineers is key to our continued success. We especially value programs and activities that support science, technology, engineering, and math (STEM) for students. We sponsor internships and scholarships and serve as science fair judges and classroom speakers for area schools, among other activities.

STEM AT SwRI

A message from SwRI on the importance of STEAM to STEM
[SwRI - STEAM Education & Mission Juno](#)

Part of SwRI's community outreach effort also includes helping underrepresented groups in the fields of Science, Technology, Engineering, and Math (STEM) through supporting local school districts (middle and high school), women and student professional organizations, student robotics teams, science fairs, university and veterans career fairs, internships, college placement associations, and other community initiatives. SwRI employees give career day talks, serve as science fair judges, develop STEM project based curriculum, and coach and mentor students. Community Outreach is an effective way for SwRI to express our core values through these collaborations and volunteer events. **To learn more, check out [SwRI Community Outreach](#) and also visit the following links:**

I. Summary of Southwest Research Institute Educational Resources

- 1) Solar Eclipses 2023 & 2024** - <https://site.swri.org/>
- 2) SwRI Science/Missions** - <https://site.swri.org/science-missions>
- 3) Careers in Space** - <https://site.swri.org/sites/eclipses/files/2023-11/2023-09-20-jobs-careers-in-space.pdf>

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II. Additional sources of information about Southwest Research Institute

- 1) Search for Southwest Research Institute in the DHEDF General Search engine at <https://dhedf.org/search?f=2&q=southwest+research+institute&Search=>
- 2) Search for Southwest Research Institute in the Private Pages of the DHEDF Rural STEM Initiative Discussion Group at <https://dhedf.org/forum/search/southwest%20research%20institute>
- 3) Search videos posted to the Southwest Research Institute You Tube Channel - <https://dhedf.org/forum/search/southwest%20research%20institute> and other social media links posted on the SwRI website at <https://www.swri.org/>

We are grateful to the Southwest Research Institute team for their commitment to STEM Education in general, the great resources they make available to the public, and their collaboration with the DHEDF Rural STEM Initiative. As DHEDF becomes aware of additional resources from SwRI this document will be supplemented from time to time.

Caveat: From time to time, as in this case, DHEDF will share opportunities with you or make recommendations to you. It is totally up to you whether you wish to take advantage of those opportunities, DHEDF makes them in good faith, but they may not fit with your programing. DHEDF also wants to make it very clear that DHEDF has no financial interest in nor does it receive any financial benefit from any of the products or services we suggest to you for your evaluation.

If you have any questions concerning any of the foregoing or any other questions about DHEDF in general or the Rural STEM Initiative **please contact me, Wayne I. Fagan, at (210)570-7888 or wifagan@wifagan.com** or fill out the [online Contact form](#) on the DHEDF website.

Thank you again for your participation in the DHEDF Rural STEM Initiative, we are honored to have you, your schools, and your students as part of this Initiative.

Wayne I. Fagan | Chair
Dee Howard International Education Foundation

