

# THE SPARK

## HISTORY of the SOCIETY

**R**ecognizing that Harford County is rich with retired and semi-retired STEM professionals, Harford Community College brought together a core group of science-minded professionals with a passion for their field of study and a desire to give back to the community. The group united to form a unique association known as the Senior Science Society (SSS).

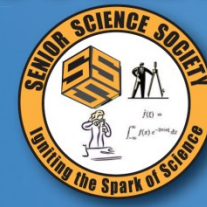
**T**he mission of the Senior Science Society is to ignite the spark of science in every youth in Harford County. To accomplish this mission, the SSS needs the support of STEM professionals like you, and we encourage you to share your knowledge, your experience, and your passion through membership in the Society.



Harford Community College  
401 Thomas Run Road  
Bel Air, MD 21015



# SENIOR SCIENCE SOCIETY



## Igniting the Spark of Science



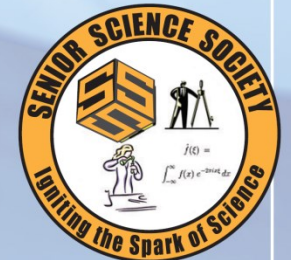
Affiliated with  
**HARFORD COMMUNITY COLLEGE**

# IGNITING

**R**ecent reports show the United States has lost its superior ranking in the fields of science, technology, engineering, and math (STEM). Beginning in grade school, students are outperformed in math and science by their counterparts in China, Japan and Singapore, with these trends continuing into the high school years.

One indicator of a nation's ability to sustain itself is the strength of the STEM workforce. Economic growth and national security depend on a strong STEM workforce, making education in these fields vital to our future.

So, what can we do as a nation, and as a community, to strengthen the science and math pipeline? The Senior Science Society, in conjunction with Harford Community College and Harford County Public Schools, has an answer.



## VISION

To ignite the spark of science in every youth in Harford County.

## MISSION

Leverage the scientific minds of senior scientists to benefit Harford County youth, working through academia, and with community, business and government organizations.

## THE MISSION DEFINED

**Improve the message of the messenger.** Augment and supplement the learning experience through scientific advice as well as cooperative mentoring and encouragement so all teachers benefit from the Society's involvement.

**Be a beacon for science philanthropy.** Attract like-minded scientists from varied disciplines.

**Educate parents to be science moms and dads.** Become the respected science sounding board that supports educational institutions and creates family attentiveness to the benefits of science in Harford County.

**Secure the future.** Develop multiple funding sources to fund STEM scholarships and to sustain the work of the Society.



## LONG-TERM GOALS

Increase college admissions of Harford County students in science, technology, engineering, and math (STEM).

Reduce the need for remedial STEM college courses.

Reflect the demographic make-up of the STEM community in Harford County in our membership.

Partner with the Harford County schools and influential community organizations to interact, understand, influence and identify future areas where the accumulated wisdom and expertise of the group will have the most leverage.

Award one college STEM scholarship per year for each Harford County high school.



## MEMBERSHIP

The Senior Science Society is a membership-based, self-supporting entity affiliated with Harford Community College. Members-at-Large meet quarterly on the College campus. Exact location will be announced prior to the meeting. Meetings are held the third Monday of the month, beginning at 6:30 p.m. Light refreshments are provided.

## MEMBERSHIP RECRUITMENT

The Society is interested in recruiting members who have 20+ years professional experience in a STEM-related field. Interested members must:

- Possess a post-Bachelor's degree or equivalent (a degree in a STEM-related field experience)
- Have a strong interest in furthering the goals of the Senior Science Society
- Have the sponsorship of a Society member
- Submit a CV or resume (not to exceed two pages) for review
- Upon acceptance, pay the annual membership donation (membership donations are tax deductible as allowed by law).

## BENEFITS

- Increasing the quality and quantity of the next generation of STEM professionals
- Opportunity to share your unique knowledge with others
- Quarterly meetings and information sharing
- Networking with other professionals
- Lectures and discussions on current topics and trends in STEM



[www.seniorsciencesociety.org](http://www.seniorsciencesociety.org)

For further information, or to submit your CV for consideration, contact Debi Gable, [dgable@harford.edu](mailto:dgable@harford.edu) or call 443-412-2252.



Remember, America's youth will inherit new challenges; they need the education to face these challenges and be better prepared on a global level.

You can help make a difference.  
You can ignite the spark.  
Become a member.