



SENIOR SCIENCE SOCIETY NEWSLETTER

Volume 6, No. 1
February 2018

**General Membership Meeting
Monday, 19 February 2018
Harford Community College
Darlington Hall, Room 202
6:45 Meet-n-Greet
7:15 Call to Order**



“Droning on About Drones” Joe Domanico, HCC Drone Program

Senior Science Society members may know our speaker for his internationally cutting-edge work in pyrotechnics. Most do not know he is also the lead instructor for HCC’s “Drone/Unmanned Aerial Vehicle (UAV) Technology Certificate” program. This occupational training program takes approximately four months to complete and includes an introduction to drone technology, drone regulations, pilot training, and maintenance/repair of drones. In his presentation, Joe will cover topics such as: current state of the "personal drones", comparison of commercial and military drones, privacy issues, homeowners’ anti-drone measures, FAA requirements for "pilots", ... and, of course, there will be live UAV demonstrations. Hope to see you there!

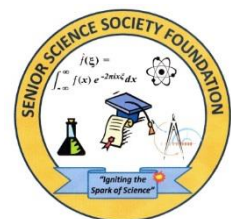
Horst Receives NMTC Visionary Award for Work with SSS

The Northeastern Maryland Technology Council (NMTC) recently announced its Visionary Awards, celebrating our community’s volunteer efforts toward building a STEM-educated workforce. Among those honored were Al Horst, past SSS President. Awards will be presented at the NMTC’s Annual Gala on February 23 at the Richlin Ballroom.

Al received his NMTC Leader Award for his involvement in the organizational infrastructure of SSS in many capacities. Al is a founding member of SSS, providing hundreds of hours of module presentations and demonstrations at school STEM Nights for students and teachers in Harford County Public Schools.

Congratulations to Al for his steadfast, consistent contribution to the building our STEM-educated workforce and advancing technology & innovation in a public way while inspiring others to help in accomplishing shared goals. Al will be the sixth SSS member to be a recipient in the seven years of this event.

For information on the Gala, visit <https://nmtc.org/nmtc-visionary-awards>; and for tickets, see <https://nmtc.org/events/7th-nmtc-visionary-awards-gala/>.



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The Foundation is grateful for the financial donations received in 2017 that provide support for the STEM programs that we conduct beyond HCC. We graciously acknowledge the generous donations from our members (in addition to the annual dues paid to the Society), from friends of the Foundation who made personal donation, and from corporate/other nonprofit sponsors. We continue to seek funding to enable us to create and conduct STEM outreach programs. ***We need your help!*** Remember that all donations to the SSS charitable nonprofit Foundation have the added benefit of providing the donor with a tax-deductible donation.



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Igniting the Spark -- by Rob Lieb

All members of SSS share one passion – “Igniting the Spark of Science”. This idea is the driver behind what we do. Speaking from my experience spanning over almost 50 years of teaching within various classrooms (high school, community college, college, and university), it is the recognition of understanding that comes when someone with whom you are working puts it together by observing one experience together with another to form a new concept. The potential for the spark arrives and then it sometimes happens.

There is a wonder that spreads across the face. Then the smile grows as the understanding of the new thought becomes more realized, and it is placed into the new image of reality that has formed in the brain. That is what we strive to achieve as we do our demonstrations and answer the queries. There is nothing quite like it. If it happens in the student a few times it cannot be quelled. Soon the student is the teacher – teaching themselves, each other and then their own students. At that point, we feel we have done our jobs.

It is not only because we are providing the experience to another, but it is also because as we explain what we believe to be true, our image of reality changes, too. New ideas come to us as we speak. It is a win-win situation that began in us a long time ago when we were offered the spark by another.

If you are interested in helping us hand down the spark, you can find out more about how we do it at www.SeniorScienceSociety.org. You will find that there is nothing like it.

In Memory of Clarence A. Fry

The Senior Science Society is saddened by the recent loss of our loyal, longtime member and friend Clarence A. Fry. For an obituary, including information on memorial donations, please visit

www.mccomasfuneralhome.com/obituaries/Clarence-Arthur-Fry?obId=2930388#/obituaryInfo.

