



# Vols4STEM

## Volunteers for Science, Technology, Engineering & Math

### AGENDA – OCT. 30<sup>TH</sup> at Hardin Valley Academy (HVA)

5:45 - 6:15 **Sign-in & Social** in HVA Commons (HVA Students assisting and entertaining guests)

6:15 – 6:45 **DINNER – This will be a hot, catered meal; dining shall be in the HVA Commons**

[6:45-7:00 **BRIEF ISA BUSINESS MEETING** in auditorium. **Non-members are welcome!**]

**Stan Jones** - President, ISA Oak Ridge Section

After ISA business meeting concludes, ISA Oak Ridge Section introduces to East TN, Vols4STEM, in HVA auditorium.

7:00-7:30 **Vols4STEM Who, What, Why and Where?**

Welcome & Introduction

**Harry Paris** – ISA Program Chairman & Vols4STEM Steering Committee

Workforce Development & Education status in east TN

**Jennifer Evans** – Innovation Valley, Inc.

How STEM interest changed (and saved) my life

**Glenn Allgood, P.E.** – Distinguished R&D Researcher, ORNL; ISA Oak Ridge Section Officer

Regional STEM Society Database – HUGE resource of STEM volunteers “points of contact”

**Ahnna Estes** – Knoxville Chamber of Commerce; To acknowledge all STEM Society Leaders and Representatives in the audience collectively so educators may see the support they have from STEM professionals

7:30 – 8:00 **STEM Opportunities - Current and Future Promise (STEM professionals required for success!)**

Vols4STEM – Uniting STEM societies, STEM employers, STEM educators via STEM outreach programs

**Joe Carson, P.E.**, Chair, TSPE Educational Outreach Committee and Vols4STEM Steering Committee

Informal STEM Opportunities – Examples of what I have done, and what you can do in **any** classroom(s)

**Robert Tucker**, Vols4STEM.org Webmaster and father of (3) K-12 students

Southern Appalachian Science & Engineering Fair (SASEF)

**Julie Warner, Univ. of TN, SASEF Fair Manager** – STEM professionals needed as judges for SASAEF and she'll encourage future participation from **all** school systems

Multiplying Vols4STEM efforts – Extrapolating (1) Vols4STEM presentation to (12) grade-appropriate levels

**Laurie Coburn, Teacher, Episc. School of Knoxville** – Original curriculum developer for Wonder Works

8:00 - 8:10 **GETTING THE 'NEEDS' OUT & 'Vols4STEM' IN**

How KCS is soliciting classroom requests and plans to announce Vols4STEM volunteer resources

**Becky Ashe, Science Director, Knox County Schools**, Pioneer for Vols4STEM in KCS

Vols4STEM processing of school system requests to Vols4STEM volunteer corps

8:10 - 8:20 **Q & A – Vols4STEM Steering Committee members, and speakers up front to field questions**

8:20 - 8:30 **Voluntary Brief Comments by Superintendents about if Vols4STEM is on the right track?**

8:30 - 8:35 **CONCLUSION & CALL TO ACTION - Volunteer Sign-ups in back, e-mail sign-up, etc.**

Entire Vols4STEM Steering Committee with Society Leaders and Representatives standing for identification.

This marks the Vols4STEM beginning. Educators shall "make the link" with as many STEM professionals as possible!

**8:35-? 'AFTER THE EVENT' EVENT...**

STEM Society tables may be set up with STEM professionals available for further discussions.

Sign-ups for STEM professionals to become active Vols4STEM resources to be called upon

Sign-ups for STEM businesses to offer themselves for tours, speakers, financial support, STEM-team sponsors, etc.

Sign-ups for Teacher & Administrator requests to be filled by Vols4STEM

Tours of HVA's STEM Academy may be available (depending upon available tour guides, hosts, time, etc.).

Student demonstrations may be available.

Student memberships may be available in various STEM societies, generating a steady flow of STEM information.