



Tennessee Valley Chapter

<http://www.iss-tvc.org/>



Tennessee Valley Chapter Executive Officers

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Treasurer: Brandon Daugherty, 256-327-7536, Robert.Daugherty@sikorsky.com

Secretary: Pamela Kniess, 256-842-7001, kniess@iss.tvc.org

Past President: Jon Henshey, 256-876-9272, jonathan.henshey@us.army.mil

Special Events Coordinator: We need a volunteer for this position!

Webmaster: Don Swallow, 256-842-8641, swallow@iss-tvc.org

President's Corner

I would like to encourage you to submit awards the year. Three awards are selected at the chapter level for TVC members – Educator of the Year, Engineer of the Year and Manager of the Year.

The **Educator of the Year Award** is presented for outstanding achievement in or contribution to system safety education and the advancement of the state of knowledge in system safety.

The **Engineer of the Year Award** is presented to an individual member of the Society who has made significant contributions to system safety through the development of engineering methods, standards or designs that have improved the safety of operation or use of systems of products.

The **Manager of the Year Award** is presented to an individual member of the Society who has made significant contributions through the implementation of an effective system safety management program for a major system effort.

Nominations need to be submitted by 1 May 2013 to the TVC secretary.

Form links are located on society page: <http://www.system-safety.org/development/societyawards.php>

Consider running for a TVC Office, we have openings for:

Vice President – The Vice President sets up speakers, meetings, and locations for the monthly meetings and stands in to host meetings when the President is not available. The following year, the Vice President becomes the President.

Secretary – The Secretary maintains an active list of chapter members and sends out emails with announcements of monthly meetings, upcoming events, and items of interest to members.

Treasurer – The Treasurer maintains the chapter budget, writes checks as required, and keeps accurate records of expenditures to provide to the society at end of the society year.

The TVC Chapter is still looking for someone to perform the job of **Special Events Coordinator**.



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April
2013

Secretary's Meeting Minutes

The January 16, 2013 meeting was held at APT Research. APT Research provided pizza and drinks for the meeting. Roger Eidsaune, Vice President of the Huntsville Association for Technical Societies spoke to the group about the Huntsville Association of Technical Societies mission, organization and the activities of HATS. Seventeen members and 11 guest and guests attended. The TVC is a member of HATS. A breakfast meeting is being held with the member societies to define relevancy.

APT Research hosted the February 20, 2013 chapter meeting and provided pizza and drinks. Don introduced Mike Pessoney. Mike presented Software System Safety, Software, Criticality, and Software Hazard Control Categories for Information Systems to 24 members and 6 non-members. MIL-STD 882E and the Joint handbook ignored information. Mr. Pessoney provided several examples to better handle information. He developed a Hazard control for information.

The March 20, 2013 chapter meeting was held at Wyle, CAS Group. Don Swallow introduced David Schultz who presented a discussion on "Selling Safety" to 11 members and 3 non-members. David discussed some negative connotations of safety, confusing language, inverted concepts and general frustration about safety in general. David thinks that a positive thesis needs to be adopted for safety. He discussed several ways to promote safety and the safety engineer.

Treasurer's Note

Remember to submit any funding requests you may have for the next year by 15 May 2013 so that the Executive Committee has time to vote on items and get them included in the budget.

ISSC Conference

The 31st International System Safety Conference will be held in Boston, Massachusetts at the Boston Marriott Copley Place from Aug 12-16, 2013. The site is open.

<http://issc2013.system-safety.org/>

Draft Paper Submission Deadline: May 10, 2013

Final Paper Submission Deadline: June 28, 2013

Technical Paper Presentation Slides: July 26, 2013



Special Events Corner

The 2013 Alabama Regional **Future City Competition** (FCC) was held on January 19th in the University Center Exhibit Hall on the campus of the University of Alabama in Huntsville (UAH). The competition allows 7th and 8th graders, in 3 person teams, to create a city under the guidance of a teacher and engineering mentor. All cities must address pollution, crime, safety, traffic, unemployment, power consumption, taxes, commercial and residential zoning, water systems, airports, and other social dilemmas. The Tennessee Valley Chapter was a Special Award Sponsor for the 2013 FCC. The TVC's Phil Eder and Steve Applebaum judged for the best use of System Safety in the city design.

For the ninth consecutive year, the Tennessee Valley Chapter sponsored three age group awards for the best safety-related projects at the North Alabama Regional **Science and Engineering Fair** held March 6-8 at the University of Alabama Huntsville. The awards were given in the elementary (5th grade), junior (6th-8th grade), and senior (9th-12th grade) divisions. The projects are evaluated on how the project relates to safety (40%), display (20%), write-up (20%), and discussion with judges (20%). John Frost and Bill Pottratz of the TVC served as judges. Samuel Schlenker of Columbia Elementary School won the Elementary Division safety award for his project, "What Material is Best for a Parachute". Samuel tested different materials to determine which would work best for a parachute. In the Junior Division, Andrew Miller of Westminster Christian Academy won for "Hang Up or Bang Up". Andrew's used a driving simulation program to test the degradation in driving performance while using a cell phone. Finally, the Senior Division winner was Joseph Michael Hinely of Covenant Christian Academy for "Text Safety". In his project Joseph detailed the development and testing of an iPhone App to disable the iPhone texting function while a car is in motion.

On Thursday, March 7, 2013, Chapter Vice President, Don Swallow spoke at the **Huntsville Association for Technical Societies (HATS)** relevancy breakfast at Dynetics. He shared how the chapter has endeavored to stay relevant by our efforts to reach out to youth through the North Alabama Regional Science and Engineering Fair, the Future City Competition, and the NASA Great Moonbuggy Race, as well as our efforts to diversify the themes of our meetings to meet the needs of our members and potential members.

Upcoming Events

This year, the Tennessee Valley Chapter will once again be judging for the best use of system safety in "*The System Safety Challenge*" at the **2013 Great Moonbuggy Race** to be held April 25-27, 2013. Two teams, one college and one high school, will be recognized for the best application of System Safety Engineering.

The 8th International IET System Safety Conference will be held October 15-17, 2013 in Cardiff, UK. More information can be found on the TVC website.