



Congratulations to the New Tennessee Valley Chapter Executive Officers

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AWARDS

The 2010 TVC SSS Awards **Winners** are:
Engineer of the Year: Phil Eder
Educator of the Year: Tom DeLong
HATS Professional of the Year: Phil Eder

Picture of Phil Eder accepting HATS Professional
of the Year Award



Picture of Phil Eder accepting Engineer of the Year



The TVC Engineer and Educator award winners are
forwarded for a chance to win the National Award.

NATIONAL AWARDS will be announced at the
International System Safety Society Conference in
Aug. We do have a couple of additional awards
that were submitted at the National level.

Secretary's Meeting Minutes

14 Jun 2010 TVC SSS Meeting

The meeting was held in conjunction with the TVC
SSS Annual Awards Dinner. See Special Events.

19 May 2010 TVC SSS Meeting

On May 19, 2010, the Advanced Prototyping, En-
gineering and Experimentation (APEX) 2 LAB in
the System Simulation and Development Directo-
rate (SSDD) of the Aviation and Missile Research,
Development and Engineering Center (AMRDEC)
hosted the monthly TVC SSS meeting. Mr.
Joseph ("Jody") Creekmore, who is the LAB Man-
ager, awed three TVC members and two guests who
attended the tour. The tour consisted of four
parts: 1) a demonstration of a UH-60 "Blackhawk"
Helicopter Part Task Trainer (PTT); 2) a tour of the
LAB's Blackhawk, Chinook, Kiowa Warrior, and
Apache Helicopter Engineering Analysis Cockpits



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(EACs) that the LAB uses for rapid prototyping for pre-Milestone A and Milestone B Decisions for the Aviation PEO; 3) flight time for the TVC members in the LAB's Battlefield Highly Immersive Virtual Environment (BHIVE) - a smaller LAB where EACs are set-up in front of a 180 x 70 degree arched screen for Army Operational Pilots to fly combat missions to test potential upgrades in the crew station environment over DTED terrain; and 4) a tour of the LAB's Observation Room (OR) where streaming audio and video of the crew members flying in the BHIVE, as well as parallel displays of what the crewmembers see inside and outside the cockpit, are presented on a wide screen for material developers and Human Factors Engineers (HFEs) to observe and analyze.

21 Apr 2010 TVC SSS Meeting

Mr. Stan Hamilton presented a very informative brief on Software Safety of Medical Devices to 25 members and 7 guests. Thank you to APT Research for providing the facility, pizza and drinks. The Apr Newsletter will be sent out the first of the week - it highlights nominations for TVC Chapter offices are open until 1 May. The Awards Committee is working on TVC and National Awards. Awards presented in the TVC Chapter are normally Engineer of the Year, Professional Development, Educator of the Year, and Manager of the Year. These are also open at the national level, and the awards committee submits our chapter winners in for the national awards. Information on the Minnesota conference is included in the newsletter. May 11th and 12th is the NASA/Army forum, and it's free. You have to sign up on the web site and select the sessions that you want to attend.

Mr. Pessoney has scheduled a tour of the APEX lab for the 19 May meeting. Attendees who do not have a government badge will need to provide information by the 17th to allow for visitor request for access to Redstone Arsenal. Phil Eder provided the financial status. Jim Blanteno discussed the winners of the Moon buggy Race. The winner of the high school award was Romania and the winner of the college award was UAH. Stan Hamilton high-

lighted several high profile software safety investigations that he was involved in. Medical devices follow the same basic safety analysis process that other system safety analyses follow. Of particular interest was the picture of a typical emergency room with the huge number of interfaced electronic monitoring and control systems available for use. Safety issues were collected into several types (interface errors, use errors, resource depletion, database problems...) with real life examples of errors provided for each type. Both the complexity of the medical device field and the range of safety issues that have been assessed were presented.

Vice President's Corner

21 Jul 2010 meeting will be held at APT Research. The Aug meeting will be held in conjunction with the 28th International System Safety Society Conference in Minneapolis, Minnesota

Special Events Corner

The 14 June 2010 TVC SSS Meeting was held in conjunction with a special event, the TVC SSS Annual Award Dinner. Held at LeAnn's restaurant in Huntsville, AL. Dr. Elliot Marcus, a medical doctor practicing internal medicine in the Huntsville, AL area for many years shared his perspective on hazards to personal safety. Both medical and accident risks were considered and related to the age group of the individual. A comparison of the perception of Public Health and System Safety was proposed with both functions providing substantial benefits but gaining little credit since contributions from both areas are measured in numbers and statistics rather than personalized to individuals.



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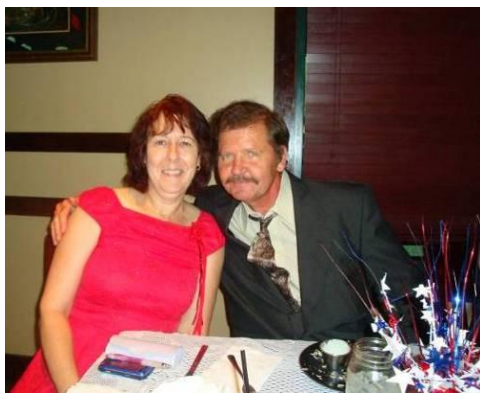
New President of TVC SSS As of 1 July 2010 Mike Pessoney and Faye Chassay



President Elect Jonathan Henshey & wife Kimberly

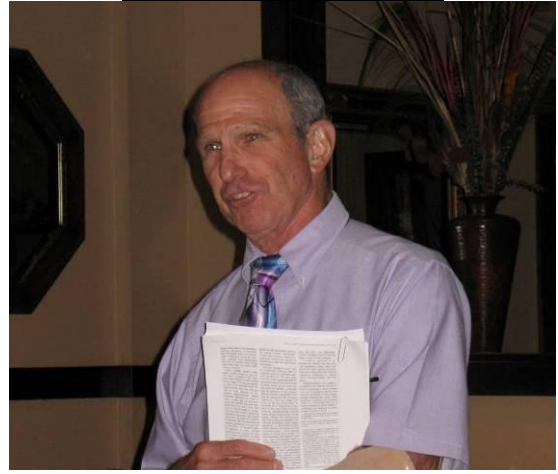


Past President Pam Kniess and husband Dan



Award Dinner Speaker

Dr. Elliot Marcus



Bill Christian



Bill Edmonds and wife Denise





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Bill Pottratz and wife Kathy



**Jonathan and Kimberly Henshey
greet Nina Donath**



**Tiare Yim and husband
Mike Connolly**



Herb Shivers



Walt Whitacre



**Monica & Steve
Applbaum**





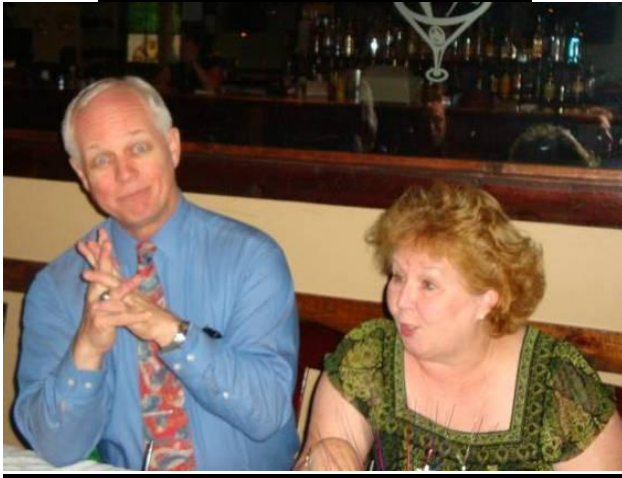
**Nina Donath, Louise & Gary
Braman, John Livingston**



Greg & Lesa Naindenko



Don & Sheree Swalom



2010 International System Safety Society Conference

The 28th International System Safety Conference (ISSC) brings practitioners and foremost thought-leaders of the system safety discipline together for an exchange of ideas, knowledge and experiences in Minneapolis, Minnesota. The conference will be held in the beautiful **Hyatt Regency Hotel** in downtown Minneapolis. The conference theme, "Building Bridges to a Safer Future," embodies the principle that system safety is the key to creation of safer systems, services and products for the future. The conference will emphasize topics to en-





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hance the knowledge and skills of new and experienced safety professionals.

and Fuze); SD Qualification; GEIA Standard 0010; MDA Materiel Release Process.



Roundtables/Discussions: Joint Software Safety Reviews; UMS Weapons Integration; Directed Energy.

Sessions: Hazard Classification; Explosive Safety; Lessons Learned; Joint Programs/Joint Review Process; Insensitive Munitions; Unmanned Systems; Software; MIL-STD-882D Rev 1/Risk Matrix.

<http://issc2010.com>

This is the major conference for system safety and related professionals, with a week of technical sessions with full peer-reviewed papers and “just-in-time” forum papers, tutorials, workshops, panel discussions, special events, social affairs, luncheons, and the Society's awards banquet. The conference proceedings are the premier collection of work in the system safety field.

The Conference Schedule is now available. Use the link on ISSC 2010 Home Page.

Forum/Training Corner

Training/Tutorials: Hazard Classification Software Safety Process; WISE (WSESRB Interactive Safety Environment); FESWG Guidelines (PLDs

APT is offering **Training Courses – all classes will be at APT Research, Huntsville AL.** Upcoming courses include IMESA FR – Jun 22-24; System Safety Engineering – September 20-24, Safety Assessment for Explosives Risk (SAFER) - October 12-13. Course descriptions can be obtained at APT’s web site - www.apr-research.com Registration Info 256-327-3396