



INSIDE HFES

Nomination Ballots Coming in April

Nomination ballots for the 2015 election of HFES officers and at-large Executive Council members will be sent to Full and Emeritus Members and Fellows on **April 14**. Completed nomination ballots are due on **May 14**. Voting members will be able to receive and return nomination ballots via e-mail. If you have already opted out of the e-mail voting process, you will receive your nomination ballot by mail. All others will be receiving the ballots by e-mail.

The Executive Council (EC) wants to enable a variety of enthusiastic and committed nominations for HFES officers and at-large EC positions. The EC is engaged in setting a strategic direction for the Society and overseeing its fiscal and intellectual direction, so the health and future of HFES depends on a continually diverse amount of input and perspective. Officers and at-large Council members are expected to attend the midyear (spring) and annual (fall) meetings of the Executive Council; the Society reimburses some travel and hotel expenses within the limits of the Society's travel policies.

HFES members are encouraged to seek out eligible nominees for all available positions. All nominators should confirm the willingness of their nominees to run for office.

Accelerating Student Visibility in Surface Transportation Human Factors

By Greg Fitch, Program Chair, Surface Transportation Technical Group



STTG business meeting at Rock Bottom Brewery at the 2014 HFES Annual Meeting in Chicago.

Surface transportation as we know it is being revolutionized by the introduction of connected and automated vehicle technology. These advancements bring tremendous job opportunities in the field of surface transportation human factors. It is imperative that human factors graduates entering the workforce possess the needed skills to ensure that technology is effective in making our lives better.

Back in 2010, William Horrey, research scientist at the Liberty Mutual Research Institute and past chair of the Surface Transportation Technical Group (STTG), saw the need to improve communication between stu-

dents and career professionals. He pioneered the Annual Meeting Mini-Mentorship Program (which has become known as the A3M program). The program consists of pairing STTG student presenters at the Annual Meeting with STTG members. Members are given a copy of the stu-

dent's paper so that it can be read in advance of the conference. They then set up a meeting with the student during the conference over coffee or dinner to discuss the content and presentation. Members provide context for the student's research and help the student exercise critical thinking in the interpretation of his or her findings. The meetings also provide an opportunity for students to discuss their career aspirations and for members to suggest potential approaches to pursue them. The program is operated by the STTG program chair and has been successful since its inception.

Increasing student interest in surface transportation human factors has also become a primary objective of the STTG leadership. To accomplish this, the STTG business meetings from the past two years were combined with the STTG dinners at offsite restaurants. HFES staff and our Annual Meeting planners helped arrange the venues. Food and drink were provided to students at a discount thanks to generous contributions from Precision Driving Research (2013) and Toyota (2014). During the networking hour, an open mic allowed students to announce who they are, where they study, their research focus, and career aspirations. These announcements served to accelerate student visibility in the community. Many students indicated that this was valuable and helped them break the ice in a room full of unfamiliar faces. Although the STTG is the ninth-largest technical group within HFES, investment in student programs such as those described above are likely to return great dividends.

HFES Award Nominations Due March 27

Full Members and Fellows of HFES are invited to nominate worthy candidates for eight Society awards, which will be presented at the 2015 Annual Meeting in Los Angeles. Candidates need not be HFES members, and you may nominate yourself for an award or ask a colleague to submit nominations on your behalf. The deadline for award submissions is **March 27**. To submit a nomination for one of the awards, please

- submit the candidate's résumé or curriculum vitae, a nominating letter, and at least two but not more than three letters of support from individuals who know the candidate well enough to assess his or her candidacy in terms of the award's criteria; and
- send all nomination packages via email to [Lynn Strother](#). Please submit the package as a single file in PDF format.

Details about each award and a list of past winners may be found at the [HFES Awards Web page](#).

STANDARDS UPDATE

ISO/TC 159 Standards Update

By *Daryle Gardner-Bonneau, Chair, U.S. TAG to ISO/TC 159*

The items presented in this article concern news relevant to ISO/TC 159 standards activities and include upcoming meetings, newly published standards, new standardization projects, and draft standards currently being balloted.

Except for newly published standards, titles of standards are abbreviated in this listing, but you can obtain the complete title for any standard by visiting the HFES [Standards Web page](#) and

then clicking on the Subcommittee (SC) Technical Advisory Group (TAG) that is involved with the standard in which you're interested. Clicking that link will display a graphic of the SC's structure and a listing of all the projects and standards of that subcommittee. You can also purchase standards and search full titles and abstracts by going to the [ANSI Store](#) or the [ISO Store](#) and searching by the document's number (e.g., ISO 24504).

The contacts whose e-mail addresses are provided below (i.e., Daryle Gardner-Bonneau, Robert Fox, and Jim Williams) welcome your inquiries and your participation in these activities. The listings use the following ISO abbreviations:

TC = Technical Committee
 SC = Subcommittee
 WG = Working Group
 CD = Committee Draft
 DIS = Draft International Standard
 FDIS = Final Draft International Standard
 TR = Technical Report
 NWIP = New Work Item Proposal
 PAS = Publically Available Specification

Special Solicitation

The U.S. TAG to ISO/TC159/SC4 (Ergonomics of Human System Interactions) seeks new TAG members and/or U.S. experts to review documents and participate in projects in the following working groups:

- WG6 (Human-Centered Design Processes for Interactive Systems)
- WG9 (Haptic and Tactile Interaction Systems)
- WG10 (Accessible Design for Consumer Products).

Because more and more international meetings are taking place via WebEx, travel is not a requirement for participation as a U.S. expert in a working group. If you are interested in participating in standards work in any of the above-listed topical areas, please contact Jim Williams at ergojim@earthlink.net.

Upcoming Meetings

Standard/Group	Date	Location/Description	Contact
ISO/TC159/SC4/WG6	March 16–18	Berlin, Germany – Process comments on revisions of ISO 9241-11 (usability) and ISO 9241-220 (human-centered design process)	ergojim@earthlink.net
ISO/TC159/SC1/WG5	March 19–20	Berlin, Germany – Continue development of ISO 27501 (management-level ergo-	JDNBonneau@charter.net

		nomics process standard) and begin development of NWIP for a specialist-level ergonomics process document	
ISO/TC159/SC3/WG4	March 30–31	Brussels, Belgium	robert.r.fox@gm.com
ISO/TC159	April 23–24	Baltimore, MD – Plenary meeting	JDNBonneau@charter.net

MEMBER MILESTONES

In Memoriam: John Melvin Leiman

HFES Emeritus member John Melvin Leiman died at home in Eugene, Oregon, on Saturday, December 27, 2014. He was 95 years old. Born in Butler, Ohio, on May 29, 1919, John was raised on a farm and was the first in his family to graduate from college. While attending Ohio State University, John joined the ROTC, which prepared him to enlist in the U.S. Army as a lieutenant soon after the Pearl Harbor attack in 1941.

In 1942, John married Geraldine Tripp. Immediately after the ceremony, the couple drove to Ft. Sill, Oklahoma, where John attended the Battery Officer’s Course. He then joined the 289 Field Artillery Observation Battalion as a Battery Commander, where his job was to locate enemy artillery using sound and flash. In August 1944, John shipped out to the South Pacific, eventually landing on Luzon in the Philippines, where the battle of Japan was being staged.

After the war, John finished his MS and transferred to the University of Washington in Seattle to pursue his PhD, which he received in 1951. While working on his dissertation, he took his first teaching job at Western Washington State College in Bellingham. He moved to San Antonio, Texas, where he worked as a psychometrician developing aptitude tests for pilots at the new Air Force Personnel Lab. In 1959, Leiman relocated to Southern California, where he worked for Systems Development Corporation, an early designer of computer software. He joined HFES in 1962.

In the late 1960s, John settled into his final career role as a psychology professor at California State University, Los Angeles, where he taught industrial and organizational psychology, psychometrics, and statistics. John retired in 1984 and remained in California until moving to Eugene, Oregon, where he spent the final five years of his life.

OTHER NEWS

Frontiers in Psychology Call for Macrocognition Papers

Papers are requested for *Macrocognition: The Science and Engineering of Sociotechnical Work Systems*, a special issue that will be published in the Cognitive Science section of *Frontiers in Psychology*. Manuscripts are due **October 31, 2015** (abstracts by **May 31, 2015**). The aim of this special issue is to highlight the exciting psychological research on macrocognition in cognitive science, cognitive ergonomics, and cognitive systems engineering. The editors are interested in papers on areas such as:

1. cognitive adaptations to complexity;
2. expertise;
3. accelerated learning;
4. proficiency scaling;
5. mentoring, training, and professional development;
6. improving work system performance;
7. issues for the methodology of cognitive task analysis and the rigorous handling of qualitative data;
8. developing measures and metrics for analysis at the work systems level;
9. developing performance support technology;
10. human-technology interaction;
11. human-centred design; and
12. developing policy and funding priorities.

Please send expressions of interest to p.ward@hud.ac.uk. For more details, visit <http://journal.frontiersin.org/ResearchTopic/3782>.

OERC Funding Opportunity

By *Thomas Albin, OERC Executive Director*

The Office Ergonomics Research Committee (OERC) is requesting proposals for research projects to be funded and executed in 2016. All parties are welcome to submit one or more proposals, provided the proposed research addresses at least one of the research topics listed on the [OERC Web site](#). Proposals must be submitted by **June 30, 2015**. Guidelines for preparing and submitting a proposal can be found at <http://www.oerc.org/index.cfm?load=page&page=63>.

IEA Triennial Congress Early Registration

Register by **July 10** to receive early-bird discounts for the 19th Triennial Congress of the International Ergonomics Association, to be held August 9–14 in Melbourne, Australia. Featuring plenaries, panel discussions, concurrent workshops, and free-communication sessions, IEA 2015 will examine the trends and challenges that will shape the future of the field. Registration and additional details are available at <http://www.iea2015.org/>.

Deadline Extended for IEA K. U. Smith Student Award

The deadline for submissions for the International Ergonomics Association (IEA) K. U. Smith Student Award has been extended to **March 30, 2015**. The award, which honors two deserving students responsible for contributions to HF/E, will be presented in August during the [IEA 2015 19th Triennial Congress](#) in Melbourne, Australia. Each recipient will receive a cash award of \$3,000. A travel stipend also may be presented. Any student enrolled in an accredited postsecondary institution worldwide is eligible. Details may be found at <http://www.hfes.org/web/HFESBulletin/jan2015IEACall.html>.

CALENDAR

Featured Events

[10th Annual Regional Human Factors Conference at California State University, Long Beach](#), March 7, 2015, Long Beach, CA.

[2015 Symposium on Human Factors and Ergonomics in Health Care: Improving the Outcomes](#), April 26–29, 2015, Baltimore, MD.

[ErgoX: An Extraordinary Ergonomics Event](#), June 17–19, 2015, Anaheim, CA.

[2015 International Annual Meeting](#), October 26–30, 2015, Los Angeles, CA.

[19th Triennial Congress of the International Ergonomics Association](#), August 9–14, 2015, Melbourne, Australia.

May 2015

[18th International Symposium on Aviation Psychology](#), May 4–7, 2015, Dayton, OH.

[2015 IFAC Symposium on Information Control in Manufacturing \(INCOM 2015\)](#), May 11–13, 2015, Ottawa, Canada.

[IEEE 81st Vehicular Technology Conference \(IEEE VTC2015-Spring\)](#), May 11–14, 2015, Glasgow, Scotland.

[2015 Industrial and Systems Engineering Research Conference](#), May 30–June 2, 2015, Nashville, TN.

June 2015

[12th International Naturalistic Decision Making Conference](#), June 8–12, 2015, McLean, VA.

[8th International Driving Symposium on Human Factors in Driver Assessment, Training, and Vehicle Design](#), June 22–25, 2015, Salt Lake City, UT.

July 2015

[6th International Conference on Applied Human Factors and Ergonomics \(AHFE\)](#), July 26–30, 2015, Las Vegas, NV.

August 2015

[ASME 2015 International Design Engineering Technical Conferences & Computers and Information in Engineering Conference \(IDETC/CIE 2015\)](#), August 2–5, 2015, Boston, MA.

[17th International Conference on Human-Computer Interaction \(HCI International 2015\)](#), August 2–7, 2015, Los Angeles, CA.

HFES BULLETIN Human Factors and Ergonomics Society

Volume 58, Number 3, March 2015

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The HFES Bulletin (ISSN 1527-3660) is published 12 times a year by the Human Factors and Ergonomics Society, 1124 Montana Ave., Suite B, Santa Monica, CA 90403 USA. Address inquiries and address changes to HFES, P.O. Box 1369, Santa Monica, CA 90406-1369 USA, 310/394-1811, fax 310/394-2410, <http://hfes.org>.

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