FABBS Recruiting Members for District Science Lobby Week
By Paula Skedsvold, Executive Director, FABBS

The Federation of Associations in Behavioral and Brain Sciences (FABBS), of which HFES is a member, is partnering with the American Psychological Association (APA) in a District Science Lobby Week on October 9–12 to get interested scientists involved in advocacy efforts on behalf of our sciences. Any HFES member who is able to talk about the importance of human factors/ergonomics is welcome to participate.

FABBS and APA will provide a brief, comprehensive advocacy training for scientists to help them prepare for and conduct a visit with their Congresspersons when these elected officials are back home in their districts before the November 2012 election.

The purpose of the visits will be to highlight why federal investments in funding for our sciences are important. The training will include instruction on the following:

• setting up the meeting,
• visiting the district office,
• sticking to the message,
• preparing research highlights to leave behind, and
• maintaining contact after the visit.

The time commitment is minimal but could prove important in developing a long-term relationship with elected officials who vote on federal funding legislation for our sciences. Space is limited, so please sign up now. There are three easy steps to participating:

1. Participate in a 1-hour science advocacy webinar on September 21, 2012, from 3:00 to 4:00 p.m. EASTERN time. The webinar will be recorded for those who are unable to participate that day.
2. Schedule and conduct a meeting with your Congresspersons in the district office at some point between October 9 and 12, 2012.
3. Provide feedback to FABBS on the process and what you learned from your representative.

Please register at http://bit.ly/MFA4Qo and indicate that you are an HFES member. FABBS will use the e-mail address submitted during the registration process for further communications about the advocacy initiative.

Questions may be addressed to me at pskedsvold@fabbs.org or to Karen Studwell (KStudwell@apa.org) at APA.
FABBS Seeks Nominees for New Early-Career Investigator Award

The FABBS Foundation welcomes nominations for the Early Career Investigator Award, which recognizes early-career scientists of FABBS member societies (first 10 years post-PhD) who have made major contributions to the sciences of the mind, brain, and behavior.

The goal of this award is to enhance public visibility of research in these sciences through the dissemination efforts of the FABBS Foundation’s science writer in collaboration with the member societies and award winners. Nominations are encouraged for individuals who have made outstanding research contributions, especially those who have also increased awareness of science through outreach activities to the public (e.g., community talks, high school demos) or communication with the media (interviews, blogs, etc.). Nominees must be members in good standing of HFES.

A 3-year rotation scheme of nominees has been established so that all FABBS member societies have equal representation of scientists who receive this award. An award will be given to one early-career scientist in each member society that participates, using a randomly determined rotation scheme. HFES may submit nominees for the 2013 award.

To obtain an application form and other details about the award, contact HFES Executive Director Lynn Strother (lynn@hfes.org). Completed application forms due November 1, 2012.

Maximize Your Experience at HFES 2012

By Haydee M. Cuevas

The Annual Meeting is a great place to meet up with old friends and colleagues and the place to make new acquaintances. The following is a helpful list as you prepare to take on HFES 2012!

What to Wear

Dress is business casual, and meeting rooms tend to be cooler, so bring a jacket or sweater. If this is your first Annual Meeting, wear a “First-Timer” ribbon on your name badge (available from the ribbon desk near HFES Central) to encourage more seasoned attendees to welcome you.

What to Bring

Bring business cards to facilitate follow-up with attendees after the meeting. If you are job searching, also bring copies of your updated vita or résumé.

What to Do

Take full advantage of your attendance:

- Attend the Opening Plenary Session on Tuesday morning to learn about the Society’s leaders and most-respected members and to listen to the keynote address from a real-world expert.
• Attend a variety of session formats (e.g., lectures, posters, panels) to learn about a broad array of topics and interact with presenters in both formal and informal settings.
• Feel free to “session hop”; that is, attend individual presentations in different concurrent sessions. But be courteous and minimize disruption to others as you enter and leave meeting rooms.
• Explore the Exhibit Hall and sign up for free prize drawings.
• Sign up for a workshop or technical tour (note: space is limited, and additional fees apply).
• Check out the Career Center for the latest job postings.
• Students and early-career professionals may wish to attend Student Career and Professional Development Day on Monday. This free event is open to all registered attendees.

**What to Know**

![Customs House at night. Photo credit: Greater Boston Convention & Visitors Bureau](image)

Turn off or mute pagers and cell phones while attending sessions. Attendees may not audiotape or videotape sessions without prior permission from HFES and all speakers in that session. You can obtain a permission form from HFES Central; please return the signed form to HFES Central. Smoking is not permitted in the conference hotel or on technical tours.

**Where to “Meet and Greet”**

The HFES Annual Meeting offers registered attendees several opportunities to network and interact with other professionals. All events listed below are free. Check the program for exact date/time and location.

• First-timers reception (Monday evening)
• Gala Opening Reception (Monday evening)
• Student reception (Tuesday afternoon)
• Early-career professionals reception (Wednesday)
• Technical Group business/networking meetings and social hours (primarily Tuesday and Wednesday afternoons)
• Various activities offered in the Student Lounge throughout the week
• HFES [mentor-mentee luncheons](#) held on Tuesday, Wednesday, and Thursday (RSVP required)

**Where to Eat**

Meals are not provided as part of your registration; however, beverage breaks (e.g., coffee, tea, soda) are held in the morning and afternoon in the Exhibit Hall and other locations. Lunch boxes will be available for purchase on Tuesday (Harbor Ballroom Foyer), and on Wednesday and Thursday (Exhibit Hall). The Host Committee’s hospitality desk, located near the registration counter, offers information about local restaurants.
Where to Find More Information

Complete details are available on the main Annual Meeting Web page prior to the meeting. On site, resources include the following:

- HFES Central and the registration counter are your best sources for specific information on activities and the conference facilities.
- Consult the mobile meeting program app for details about networking, special events, and the technical program. Details for downloading the app will be distributed prior to the meeting.
- Pick up the daily on-site newsletter, distributed Monday through Thursday, which provides the latest updates on program changes and events.
- Check out the message board, typically located near the Internet Café, for other announcements, such as job openings and alumni get-togethers.

Above all, enjoy the meeting!

Haydee M. Cuevas is an assistant professor in the College of Aviation Department of Graduate Studies at Embry-Riddle Aeronautical University in Daytona Beach, FL. She can be contacted at hmcuevas@earthlink.net.

Registration and Program

Registration for the 56th Annual Meeting in Boston is now open. On the registration information page you’ll find details about accommodations, social events, technical tours, special program events, and workshops. Register online (secure credit card transactions) or print out and complete the registration form.

To take advantage of early-registration discounts of up to $100, register by September 10 (not applicable for workshop-only or student registrations). All registrations, except for those attending only Monday workshops, include admission to the technical sessions and the Gala Opening Reception. Workshops and tours require payment of a separate fee.

Photo above: Faneuil Hall Marketplace. Credit: Greater Boston Convention & Visitors Bureau

Online Preliminary Program

The online preliminary program enables you to view presentations of interest. Search without logging in using keywords in titles and abstracts, author names, date/time, and technical group by simply clicking the “Browse” button. To set up a personalized itinerary, create a login ID. Search results can be exported. Note that changes may occur in the program, so be sure to check back often.

HFES looks forward to seeing you in Boston!
Council of Technical Groups Student Travel Honoraria

The HFES Council of Technical Groups (COTG) is initiating a new student travel honorarium program (STHP). This program is intended to facilitate student participation in the Annual Meeting, including presenting in technical sessions, networking with professionals, and attending TG business meetings. The program focuses on students in financial need.

This year, the STHP will award 12 students up to $700 each to participate in the annual meeting.

Requirements for Award Eligibility

- Applicant must be a full-time student (undergraduate or graduate) at the time of the meeting.
- Applicant must be an HFES Student Affiliate Member.
- Applicant must have had a paper or poster accepted for the meeting.

Application

Students who wish to apply for a travel honorarium must complete the application and submit it along with the following enclosures:

1. CV or résumé (maximum of 2 pages)
2. Proposed budget for participation in the conference
3. One-page essay identifying reasons for seeking an honorarium and an explanation of how attendance at the meeting will enhance your academic experience
4. Proof of paper or poster acceptance by a TG
5. Letter of recommendation for a travel honorarium from your academic adviser (1 page or less)
6. Complete STHP endorsement form (you must attest that all identified needs are legitimate).

Send the application, along with all completed enclosures, no later than August 15, 2012, to COTG Chair David Kaber via e-mail (dbkaber@ncsu.edu). Applicants will be evaluated and selected on a need basis by the current COTG STHP Committee, including Caroline Cao (COTG chair-elect), Michael Byrne (HPM-TG Chair), Douglas Gardner (CS-TG), and Jennifer Riley (VE-TG).

Award Process

Awards will be made three weeks prior to the Annual Meeting, on or around September 30, 2012. All awards will be made to student recipients as gifts to their home institutions. HFES will make gifts by check, and a university or college must have an established gift account through which to receive the gift. The student’s academic adviser and/or department will be responsible for overseeing disbursement of the award to the student recipient from the gift account. All award funds must be used to support student participation in the Annual Meeting.

*Newbury Street. Photo credit: Greater Boston Convention & Visitors Bureau*
Special Events

In addition to a diverse range of sessions and workshops, the 56th Annual Meeting features some new and continuing opportunities for networking and education.

**Human Performance in Extreme Environments**

The Society for Human Performance in Extreme Environments (HPEE) will hold its 10th Annual Meeting on Monday, October 22. The HPEE meeting will feature presentations on topics such as spaceflight, military operations, underwater and high-altitude activities, extreme sports, and other environments that humans are not naturally suited to endure. Meeting proceedings will be available.

Registration will be available soon; bookmark [http://www.hpee.org](http://www.hpee.org). HFES members receive a discounted rate.

**3rd Annual National Ergonomics Month Expo**

The 3rd Annual NEM Expo will be held on Monday, October 22. The Expo consists of organizations and individuals putting together interactive booths where attendees can participate in and learn about outreach activities. All are welcome to reserve a booth or poster board for presenting ideas and activities. No idea is too great or small—reserve space today by contacting NEM Committee Cochairs Joseph Keebler or Alan Hedge.

**User Experience Day**

Wednesday is UX Day, featuring a great lineup of presentations and events sponsored by the Computer Systems and Internet Technical Groups (see page 7).

**Scavenger Hunt**

The Scavenger Hunt will be held during the first part of the Annual Meeting (see page 7). The event provides social and networking opportunities for participants, and all attendees are welcome to enter. Teams of two to four attendees will be formed to search for items around the Westin Boston Waterfront. Entry forms, complete with instructions on how to form teams and register, are now available.

**Future Leaders and Volunteers Reception**

On Tuesday, October 23, from 6:00 to 7:30 p.m., several prominent HFES members will talk about how they became involved in the field and describe the rewards of volunteering. There will be opportunities to network with leaders and committee chairs and for attendees to sign up to volunteer. The HFES Business Meeting precedes the reception.

**Early-Career Professionals Reception**

This event, on Wednesday, October 24, from 5:30 to 7:00 p.m., will enable young professionals from industry and academia to network with one another and with prominent HFES members. A short program will target specific topics of concern to early-career professionals.

**Pioneers of HFES Session and Reception**

Hosted by the Cognitive Engineering and Decision Making Technical Group, two panels will revisit the origins of cognitive systems engineering in the early 1980s and use past lessons as a basis for a debate on future trends and directions for the field.
“The Origins of Cognitive Systems Engineering: Looking Back After 30 Years” will take place on Tuesday, October 23, from 1:30 to 3:00 p.m. “Origins and Destinations: 30 Years of Cognitive Systems Engineering” is scheduled on Wednesday, October 24, from 1:30 to 3:00 p.m.

User Experience Day

User Experience Day is a dedicated track of programming specifically geared for user experience (UX) professionals. The event will take place on Wednesday, October 24, from 8:30 a.m. to 7:00 p.m. The objective is to deliver a great program of technical sessions and networking opportunities for all attendees. This is your chance to make personal connections with a wide variety of UX professionals from around the world.

The schedule for 2012 is a full day of high-quality programming with something for everyone. Here are a few highlights.

- Invited speaker Bill Buxton, author and principal UX researcher at Microsoft Research, presenting “The Human Factors of ‘Simple’ Devices” (8:30–10:00 a.m.)
- “User Experience and Agile Development” panel discussion chaired by Marc L. Resnick with panelists John F. (Jeff) Kelley, IBM; Jay Elkerton, Emerson; Russ Beebe, Vanderbilt U.; and Ania Rodriguez, Key Lime Interactive (10:30 a.m.–12:00 noon)
- Best UX paper competition (1:30–3:00 p.m.)
- Future leaders speed networking (by invitation only, sponsored by Key Lime Interactive)
- UX Day happy hour, sponsored by Emerson Process Management (5:30–7:00 p.m.)

Get in on the Scavenger Hunt

By Jason Christopher Ryan, MIT Student Chapter

Long ago, deep in the bowels of MIT, a devious and cruel PhD student named Brad Schaefer (AKA “Puzzle Maker”) forged a terrible series of trials for the most daring of puzzle solvers. Only the bravest of MIT students were able to best the Puzzle Maker in those ancient days of 1981. Today, an annual “Mystery Hunt” is held to commemorate the victors and celebrate their accomplishments.

Currently, the format of the Mystery Hunt revolves around solving a series of puzzles that lead solvers to a hidden golden coin somewhere on the MIT Campus. This year, the Annual Meeting Host Committee, with the help of the HFES MIT Student Chapter, will be holding its own Mystery Hunt in Boston. Come one, come all, and test your wits against the best puzzles the MIT Student Chapter has to offer!

However, don’t fret—we’ll still have all of your normal scavenger hunt topics, just like last year (with a New England twist). So grab your friends, make some new ones, and use this as an opportunity to explore a bit of the Boston area and maybe win a few cool prizes while you’re at it.

The cost to participate is $5, and all paid participants will receive a free T-shirt. Proceeds from the scavenger hunt support student activities within HFES. Teams must have at least two and not more than four people, with the larger number encour-
aged. After you have formed your team, you can preregister by completing the entry form and sending it with payment to the address on the entry form. Or register on site if you’re looking to join a team.

To help start sharpen your puzzle-solving skills, take a crack at this Sudoku puzzle.

Jason Ryan is a second-year PhD student at the Massachusetts Institute of Technology and member of the Humans and Automation Laboratory. His research focuses on how simulations of human-vehicle interactions and unmanned vehicle performance can aid in creating safe, effective systems.

**Student Lounge Activities**
*By Erin Davis, Tufts University Student Chapter*

As with past Annual Meetings, the student lounge provides a fun atmosphere for students to meet their peers and obtain valuable career advice. When visiting the lounge, students will have the opportunity to discuss current research and graduate programs, obtain résumé critiques, or just enjoy a pick-up game. Daily speakers from both industry and academia will be presenting in the student lounge to provide students with insight on beginning their careers and what to expect from working in the field. Speakers include HF/E professionals from Honeywell, Medtronic, and Farm as well as HFES past president, Fellow, and human-machine systems expert Thomas B. Sheridan of MIT.

**Student Career and Professional Development Day**
*By Kim-Phuong L. Vu, Student Affairs Committee Chair*

Monday, October 22, will be packed with helpful information targeted at today’s students and tomorrow’s HF/E professionals. Student Career and Professional Development Day provides an opportunity for students to focus on career preparation and transition and to learn from those who have gone through this preparation. Panelists for Career Day represent both recent graduates and successful professionals from high-profile companies. In this article I would like to highlight one of the panels, “A Day in the Life,” organized by Jennifer Riley, SA Technologies.

Do you ever wonder what HF/E professionals really do on a day-to-day basis? Are you struggling with the decision of where to work (academia, a government lab, or industry)? “A Day in the Life” will provide students with insight into the daily work, projects, roles and responsibilities, and challenges of HF/E professionals in small businesses, large corporations, academic institutions, and government labs. Find out what it is like to be a new hire or a well-established team member.

The session will include brief presentations from each panelist and a question-and-answer session facilitated by session chair Haydee M. Cuevas (Embry-Riddle Aeronautical University) and cochair Rich Gardner (The Boeing Company). Panelists are Heather C. Lum (Penn State Erie, The Behrend College), Joseph Keebler (Wichita State University), Arathi Sethumadhavan (Medtronic, Inc.), Farilee Mintz (Booz Allen Hamilton), Paul Havig (Air Force Research Laboratory 711 HPW/RHCV), and Sherry Chappell (National Transportation Safety Board). Come with your questions
and leave with a greater understanding of the many facets of human factors/ergonomics work and the daily work lives of professionals in our field.

Also featured during Student Career and Professional Development Day are the following panels:

- HFES Fellows and Leaders: Preparing for a Successful Career in Human Factors (Ronald G. Shapiro, HFES Fellow, Organizer).
- Selecting an Academic Versus Industrial Career in Human Factors (organized by Nicole Werner and the George Mason University Student Chapter).

Plan to attend this special day devoted to students. Complete details about the entire schedule will be included in the September HFES Bulletin.

**Plan to Attend the SC 3 TAG Meeting**

The U.S. TAG to ISO/TC 159/SC 3 (Anthropometry and Biomechanics) will hold its yearly meeting on October 24 from 1:00 to 2:00 p.m. The meeting is open to any interested individual. Please check the daily announcements posted at the meeting for the room location. Anyone interested in finding out more information may contact the chair, Robert R. Fox.

**Daily Newsletter Items Wanted**

The Annual Meeting newsletter, *The Patriot Press*, is now accepting items for publication on these or any other topic of interest to attendees:

- descriptions of demonstrations or exhibits;
- dates and locations for university reunions/gatherings during the Annual Meeting;
- features on invited speakers, other special guests, and HFES members;
- previews of panels, debates, and unique sessions;
- information on student-related sessions and activities;
- announcements of new academic programs;
- information on Technical Group special sessions and business meetings; and
- news of upcoming events, conferences, and books of interest to attendees.

We encourage e-mail submissions before the meeting, and we also welcome submissions on site. Please submit dates and locations for university reunions or other meetings as early as possible.

If you would like to submit an article or learn more about how you can become involved with the newsletter, please contact Newsletter Chair Hayley Davison Reynolds at hayley@ll.mit.edu. *The Patriot Press* also invites exhibitors and other interested parties to advertise. Contact HFES Managing Editor Cameron Wile at 310/394-1811, cameron@hfes.org, for details.
Showcase Your University Lab

This year’s Annual Meeting will once again feature university laboratories that are conducting work in HF/E research and application. As in the past, lab posters will be showcased as part of the regular technical posters session. The aim of this showcase is to demonstrate the variety of HF/E educational and research programs, not to describe specific research projects. University lab posters may be attended or unattended by lab representatives. There is no proceedings paper associated with lab displays. Each lab’s display will measure 8 feet wide by 4 feet high on a single side of a poster board.

Times available for displays are Tuesday, October 23, 3:30–5:00 p.m.; Wednesday, October 24, 8:30–10:00 a.m. and 1:30–3:00 p.m.; and Thursday, October 25, 8:30–10:00 a.m. A maximum of 24 spaces is available. Because of this limitation, if your university has more than one lab to display, please combine the materials into one poster.

To reserve space to display your university’s HF/E lab, send a request to Susan Marschner at the HFES Central Office (susan@hfes.org) by August 17 and include the following information:

- name of lab and university;
- name, phone number, and e-mail address of person responsible for the poster;
- description of the lab; and
- preferred date and time (we will try to accommodate your preference).

Space will be allocated on a first-come, first-served basis. Confirmation and instructions for displaying your lab poster will follow via e-mail in early September.

Visit the On-Site Career Center

The HFES On-Site Career Center provides an outstanding opportunity for employers and job seekers to meet informally and in prearranged interviews. The Career Center hours for this year are Monday, October 22, 1:00 to 6:00 p.m.; Tuesday and Wednesday, October 23–24, 8:30 a.m. to 6:00 p.m.; and Thursday, October 25, 8:30 a.m. to 5:00 p.m.

Subscribers to the HFES online Career Center may reserve booths, tables, or both at the On-Site Career Center. For a reservation form, contact HFES by phone at 310/394-1811 or e-mail (placement@hfes.org) or download it.

Employers are encouraged to post job openings on the HFES Web site by September 24, 2012. This will provide candidates the time to search the database and give employers time to review résumés and schedule meetings with potential candidates. The scheduling of formal or informal interviews at the Annual Meeting is the sole responsibility of the prospective employer.

Candidates looking for a job or seeking new career opportunities are encouraged to post their résumés and search for jobs in the Career Center on the HFES Web site. This service is for HFES members only.

If you plan to be available for interviews at the Annual Meeting, bring copies of your résumé to the meeting and visit the Online Career Center to see a listing of employers conducting interviews during the Annual Meeting. Check back often, as this list will be updated frequently.
2012 Election Closes August 27

Full Members and Fellows in good standing should have received either an e-mail or an invitation by postal mail to vote in the 2012 election. For the first time, members can vote on a secure online site hosted by VoteNet Solutions, Inc., a third-party supplier of election services to professional organizations. Members who opted out of online voting can vote by paper ballot. VoteNet will also supervise the return of ballots sent via postal mail. The election opened on July 27 and closes on August 27.

Online voters (those Full Members and Fellows who have not opted out of online voting or receiving e-mails from HFES) may access the ballot by going to https://eballot4.votenet.com/hfes and entering their HFES username and password (your member ID number). If you have misplaced these credentials, contact HFES at 310/394-1811 or info@hfes.org.

Voting instructions, biographies, and statements of goals and directions for HFES by the 2012 election candidates are available in PDF format at the HFES Web site.

Many thanks for participating in this year's election. Please call the Central Office at 310/394-1811 or send an e-mail to info@hfes.org if you have questions.

Interview: Early-Career Professionals Committee Emphasizes Networking and Mentorship

The Bulletin recently interviewed the cochairs of this new committee to raise awareness of the ways in which the Society is supporting members who are just starting out in their careers. We thank Enid Montague and Joshua Hoffman for their responses to our questions.

What is the purpose of the committee?

The Early-Career Professionals Committee is dedicated to serving the professional development needs of HFES members who are within the first five years of their career post-graduation. The committee consists of Cochairs Joshua Hoffman (John Deere) and Enid Montague (Northwestern University) and is supported by James Bliss and Anthony D. (Tony) Andre. The newly developed committee consists of 13 members from both industry and academia.

What are some of the areas of need of early-career professionals in HF/E?

In our recent survey we found that early-career professionals in the HF/E field are seeking opportunities to meet one another and to network. They also would like opportunities for mentoring.

What were some of the highlights of last year's Early-Career Professionals Reception?

In 2011, the first Early-Career Professionals Reception provided attendees with an opportunity to network with other professionals and listen to brief talks from members who had recently transitioned from early-career to midcareer positions. Speakers included Steven Landry (Purdue University), Linda Boyle (University of Washington), and Joshua Hoffman (John Deere). Following the presentations, attendees gath-
ered in small groups to discuss topics of interest; examples included transitioning from industry to academia, preparing for tenure, and forming research collaborations. Since that reception, more than 200 people have joined the ECP’s LinkedIn group (search LinkedIn for the phrase “Human Factors and Ergonomics Society [HFES] Early Career Professional”).

**What have you planned for this year's Early-Career Professionals Reception at this year’s Annual Meeting?**

This year’s reception will again enable ECPs an opportunity to network with one another and hear from successful HFES professionals. In addition to these activities, we are hoping to accomplish two goals: (a) identify opportunities to assist ECPs in finding mentors from among the more senior HFES members and (b) learn more about ECP needs to identify additional activities that the Society may be able to implement to assist these professionals in achieving success in their chosen careers. We are particularly interested in learning about the needs of graduates from programs that may have a limited number of both mentors and peers within HFES.

**Cognitive Engineering Video Competition**

What is cognitive engineering? How would you describe its purpose and approach to a sponsor, to a future boss, or to a lecture hall full of freshmen? The HFES Cognitive Engineering and Decision Making (CEDM) Technical Group and the *Journal of Cognitive Engineering and Decision Making (JCEDM)* announce a new contest inviting videos explaining your view of cognitive engineering as a domain.

The videos should be technically sound but still accessible to professionals outside the domain or the human factors/ergonomics field. The video can spark controversy and debate about cognitive engineering, but the presentation of these debates should not rely on portrayals that are themselves offensive or otherwise not suitable for viewing by the general public. As for the rest, well, they should be interesting but not goofy. They will be scored on their ability to describe the purpose and methods of cognitive engineering in a manner that is engaging and motivates the viewer to learn more.

Videos should be at least 5 but not more than 10 minutes in length. To submit, (1) post videos on YouTube and (2) send an e-mail to *JCEDM* Editor-in-Chief Amy Pritchett (amy.pritchett@ae.gatech.edu). Be sure to provide your contact information and the link to the video.

Videos should be submitted no later than 8:00 p.m. Eastern time on Sunday, September 30, 2012. The top video will receive a $250 cash award; 2nd- and 3rd-place winners will receive gift cards for a smaller amount. Winners will be announced at the HFES 2012 Annual Meeting during the panel, “Origins to Destinations: Looking Forward to the Next 30 Years of Cognitive Systems Engineering.” Links to the top three videos will be provided on the HFES, CEDM Technical Group, and *JCEDM* Web sites and announced via social networking sites associated with the journal and the CEDM Technical Group.
August 8 Webinar: James Miller on Countering Sleep and Fatigue

James C. Miller, Miller Ergonomics, will present the webinar, “Countering Sleep and Fatigue.” Members can now register for the webinar online. The webinar will take place at the following times:

9:30-11:00 a.m. Pacific
10:30 a.m.-12:00 noon Mountain
11:30 a.m.-1:00 p.m. Central
12:30-2:00 p.m. Eastern

About the Webinar

This webinar will examine fatigue effects, fatigue myths, and fatigue countermeasures in the 24/7 workplace. The presentation will place the issue into a human factors/ergonomics perspective, provide definitions of types of fatigue, and descriptions of fatigue effects in the workplace within the contexts of circadian effects, sleep homeostasis, and vigilance performance. Workplace myths about fatigue and how one may deal with them will be discussed, as will fatigue countermeasures, including sleep hygiene and split sleep, napping, tactical caffeine use, modafinil use, sleep aids and melatonin, shiftwork scheduling, the modeling of fatigue effects, fatigue risk management systems, and the quantification of fatigue contributions to accidents and mishaps.

The presentation should be of interest to HF/E professionals who deal with 24/7 operations in emergency services; control rooms for electrical, gas, oil, water, communication, and other civil infrastructure; maritime, air, rail, and commercial highway transportation systems; wildland firefighting and other incident management teams; military actions on land and sea and in the air; and other operations that demand 24/7 attention.

About the Presenter


Miller specializes in worker productivity and risk during 24/7 operations; driver performance in 24/7 transportation operations; shiftwork schedule analysis and improvement; environmental influences on human physiology; circadian rhythm analysis; and forensic investigations of accidents caused by poor vigilance, lack of sleep, and night work. Currently he is collaborating with, among others, the Defence R&D Center, Toronto, on military operator fatigue and the U.S. Army Research Institute for Environmental Medicine on physiological responses to psychological stress.

Register Today

HFES webinars are free for members. Nonmember registration is available for $125, and nonmember student registration is available for $40. Both nonmember groups can register at https://www.hfes.org/Web/EventDetails.aspx?EventID=23.
August 23 Webinar: Valerie Gawron on Modeling and Simulation Applications

Valerie J. Gawron (MITRE Corporation) will present the webinar “Modeling and Simulation Applications in Human Factors/Ergonomics.” Members can now register for the webinar online. The webinar will take place at the following times:

- 9:30-11:00 a.m. Pacific
- 10:30 a.m.-12:00 noon Mountain
- 11:30 a.m.-1:00 p.m. Central
- 12:30-2:00 p.m. Eastern

About the Webinar

Models, simulations, simulators, stimulators, and emulators are all critical tools in human factors/ergonomics research, test, and evaluation. This webinar defines all five of these tools and provides examples of each that has been applied to human factors. Traditional types of simulators are presented, from static mockups through in-flight simulators. Nontraditional types of simulators are also described with examples. These nontraditional simulators include distributed integration simulations, virtual reality, Flatworld, embedded training, cell phones, and gaming. Methods for quantifying simulator features and trends in simulator technology will be presented if time permits.

This webinar would be useful to HF/E researchers and practitioners, simulator/simulation manufacturers, and training personnel.

About the Presenter

Valerie Gawron has a PhD in engineering psychology from the University of Illinois and an MS in industrial engineering and MBA from the State University of New York at Buffalo. She completed postdoctoral work at New Mexico State University and worked for Calspan for 26 years. She is a human systems integrator at the MITRE Corporation.

HFES Fellow Gawron has served on the Air Force Scientific Advisory Board, Army Science Board, Naval Research Advisory Committee, and National Research Council. She is an associate fellow of AIAA and a Fellow of the International Ergonomics Association. Gawron is the author of four books, including *Human Performance, Workload, and Situation Awareness Measures Handbook* (second edition) and *2001 Hearts: The Jane Gawron Story*, both of which are being used in graduate classes, the former in human factors and the latter in patient safety. Valerie has visited 135 countries and has 44 remaining on her bucket list.

Register Today


Connect With Your Colleagues on LinkedIn

The HFES LinkedIn group is more than 6,000 members strong! If you haven’t already taken advantage of the variety of networking tools that LinkedIn offers, join to-
day and connect with thousands of HF/E professionals from around the world to discuss hot topics with like-minded colleagues. Members are welcome to start discussions, pose questions, and share interesting news and research.

The following is just a small sample of recent questions and posts:

- prevalence of workplace injuries by body part (10 comments)
- mobile usability lab (18 comments)
- top three seminal papers in human factors/ergonomics (20 comments)
- the number of characteristics on a screen that is safe to read while driving (37 comments)
- defining human factors/ergonomics (67 comments)
- best standards and guides to use to write a Standard Operational Procedure (6 comments)

Join the official HFES LinkedIn group today (LinkedIn account creation required). For additional updates on HFES happenings, “like” our Facebook page and join our 495+ followers on Twitter (@HFES).

**Register for Puget Sound Chapter’s Occupational Ergonomics Symposium & Workshop**

The HFES Puget Sound Chapter (PSHFES) has put together a great line-up of speakers for this year’s occupational ergonomics symposium and workshop, to be held September 19–20 at the Museum of Flight in Seattle, Washington.

The keynote speaker on September 19 is James E. Sheedy of the Vision Ergonomics Research Laboratory and professor of optometry at Pacific University. Sheedy received his optometry degree and his doctorate in physiological optics from Ohio State University. He was a clinical professor at the University of California at Berkeley School of Optometry, where he founded the first VDT Eye Clinic in 1985. He also established the Center for Ophthalmic Optics Research at Ohio State University and is a recognized expert in the design and prescribing of progressive addition lenses.

The workshop will be divided into two sessions and takes place on September 20. The morning session, “Internal Marketing for Ergonomic Practitioners,” will be given by Toolie Garner, and the afternoon session, “Issue Goal Obstacle Action (IGOA) Problem Solving Methodology,” will be led by Chris Shulenberger.

Go to [http://www.pshfes.org](http://www.pshfes.org) for symposium and workshop fees and to register for the event.

**Other News**

**17th International Symposium on Aviation Psychology Call for Proposals**

The 17th International Symposium on Aviation Psychology (ISAP) will be held May 6–9, 2013 in Dayton, Ohio. Proposals are sought for posters, papers, sessions, panels, and workshops. Any topic related to the field of aviation psychology is welcomed. Topics on human performance problems and opportunities within aviation systems, and design solutions that best utilize human capabilities for creating safe and
efficient aviation systems are all appropriate. Any basic or applied research domain that generalizes from or to the aviation domain would be welcomed as well. The deadline for proposal submissions is October 5, 2012. Instructions can be found at http://www.wright.edu/isap.

**Calendar**

*August 2012*


*September 2012*


*October 2012*


56th Annual Meeting of the Human Factors and Ergonomics Society, October 22-26, 2012, Westin Boston Waterfront Hotel, Boston, MA.
HUMAN FACTORS/ERGONOMICS—ASSISTANT PROFESSOR

North Carolina State University seeks a tenure-track Human Factors/Ergonomics-Assistant Professor. A strong preference will be given to candidates who take a neuroergonomics/applied cognitive neuroscience approach to human factors in their research. An interest in teaching a graduate and undergraduate course in the biological basis of behavior is preferred. The Psychology Department has 30 faculty members in five Ph.D.-granting specializations: lifespan developmental, human factors & ergonomics, industrial/organizational, school psychology, and psychology in the public interest. Additional departmental information can be found online at: http://psychology.chass.ncsu.edu/. The NC State Industrial and Systems Engineering Department has a companion program in ergonomics, which jointly participates in educating human factors/ergonomics graduate students. NC State is a land grant institution with Carnegie Foundation status of RU/VH (Research University/very high research activity, i.e., the designation formerly known as Research I). It is located in Raleigh, NC, the state capital, which represents the eastern point of the Research Triangle. The Triangle is a vibrant and growing geographical region with access to major intellectual and cultural resources including Research Triangle Park, the SAS Institute, the National Humanities Center, and a variety of other nationally recognized universities. Applicants must have a Ph.D. in Psychology or in a closely related field. Successful candidates will have a strong record of research productivity, the potential to develop an independent, externally-funded research program that involves doctoral students, and a commitment to teaching at the graduate and undergraduate levels. Salary is competitive.

Review of applications will start by October 15, 2012, and continue until the position is filled. Position begins August 16, 2013. For instructions on how to apply, please visit https://jobs.ncsu.edu and reference position number 00000421. To be considered, interested applicants should attach a cover letter, curriculum vitae, research statement, teaching statement, and 3-5 representative publications. Applicants should also arrange for three letters of recommendation to be sent to the Search Committee Chair, Dr. Chris Mayhorn, Chair, Human Factors/Ergonomics Search Committee, Department of Psychology, North Carolina State University, Box 7650, Raleigh, NC 27695-7650.

AA/EOE. In addition, NC State welcomes all persons without regard to sexual orientation and, in its commitment to diversity and equity, seeks applications from women, minorities, and persons with disabilities. ADA accommodations: Chris_Mayhorn@ncsu.edu, 919/513-4856 (office), 919/515-1716 (fax).
Featuring:
- Hands-on workshops
- 100+ technical sessions covering up-to-date research and applications on a broad range of human factors/ergonomics areas
- Keynote address
- Student Forum session track
- Interactive posters and demonstrations
- Technical site tours
- On-Site Career Center

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- Reserving a hotel room