Welcome to San Diego: “America’s Finest City”

By the 2013 International Annual Meeting Host Committee

The 2013 Host Committee welcomes you to San Diego for the 2013 International Annual Meeting, to be held September 30–October 4. Our headquarters hotel, the Hilton San Diego Bayfront, is conveniently located just four miles from San Diego International Airport, and you will be treated to a wonderful view of the city as your plane makes its final descent! At the hotel, plan to network on one of the outdoor terraces overlooking the bay. Venture out in the evening with a group of colleagues to one of the vibrant downtown neighborhoods that are a short walk or pedicab away. See for yourself why San Diego calls itself “America’s Finest City.”

Technical Sessions

Under the direction of Technical Program Committee Chair Christopher B. Mayhorn, the Society’s 23 technical groups have developed an exciting and informative program that includes a balance of lectures, panels, symposia, demos, and posters. This year, special invited sessions have been organized through the leadership of some of the technical groups. The Internet and Computer Systems Technical Groups have organized User Experience Day, which will be held on Wednesday, October 2. Details for this event are available in another article in this issue. The System Development Technical Group has also created a new event called “System Development Day and a Half.” Details about that lineup of events can be found here. Bookmark the 2013 Annual Meeting Web page for details as they become available.

Tours

The Technical Tours Subcommittee, led by Teresa Alley and Frank Lacson, has arranged 10 enticing tours that show the diversity of the San Diego HF/E-friendly community:

• CareFusion Safety Lab
• General Atomics DIII-D
• Intuit Usability Lab
• Navy Health Research Center -Virtual Reality and Human Performance Lab
• Navy ship (LCS or other)
• Qualcomm Usability Lab and Museum
• San Diego County Emergency Operations Center
• San Diego Gas and Electric Energy Innovation Center
• San Diego Trolley System
• San Diego State University Visualization Lab

Full details and information are on the [Technical Tours Web site](#). You may register for the tours when completing your registration.

**Special Events**

The Host Committee invites HFES Fellows, early-career professionals, students, and first-time attendees to special networking receptions. These events will reconnect you with colleagues and enable you to make new connections with others who share your passion for the discipline. The First-Timers & Fellows’ Reception will be held on Monday, September 30, from 5:30 to 6:30 p.m., just before the Gala Opening Reception. The Student Reception will take place on Tuesday, October 1, from 5:00 to 6:00 p.m., and the Early-Career Professionals Reception will be held on Wednesday, October 2, from 5:30 to 7:00 p.m.

**Student Community**

The Students Subcommittee, led by Ariana Kiken, seeks to engage student attendees in a variety of networking and educational activities during the Annual Meeting. The Student Lounge will serve as a centralized location for students to network, socialize, and learn. A future *HFES Bulletin* will contain the Student Lounge schedule, including details regarding speakers, discussion topics, and activities.

The Students Subcommittee is also planning the 3rd Annual HFES Scavenger Hunt, which is open to all attendees. Entrants will receive a list of HF/E-related items, HFES members, and San Diego–specific items to track down during the meeting. Take advantage of this fun and self-paced opportunity to explore what the Annual Meeting and San Diego have to offer while networking with fellow attendees by completing the [entry form](#).

**Mobile Meeting App**

The Annual Meeting will once again offer a mobile program app that allows for a quick and easy download of the program and will enhance your conference experience. Download information will be available in the coming months.

**Staying Connected**

Attendees will be able to keep up with news and event updates through the daily newsletter, *The San Diego Messenger*. The Newsletter Subcommittee, led by Marina Zielinski, will keep you informed.

We also encourage you to read late-breaking news and share your experiences at the meeting through Twitter and Facebook. Follow the meeting on Twitter [@hfes](https://twitter.com/hfes) via your mobile device and feel the *Sunset at Windansea Beach. Courtesy SanDiego.org* and *Carlsbad Flower Field. Courtesy of Joanne DiBona, SanDiego.org*.
free to tweet using the hashtag #hfes2013. There you can post experiences, questions, photos, and videos about the Annual Meeting.

**Experience San Diego**

The Hospitality Committee, led by Mary Ann King and Heather Oonk, will provide a guide to local restaurants (including those with accommodations for small groups), nightlife, transportation, and must-see attractions. If you are a first-timer to San Diego, be sure to schedule an extra day or two to experience all that the city has to offer. For more information, visit the San Diego Chapter Web site.

**It’s Time to Start Making Your Plans**

A multitude of people, including the Executive Council, Technical Program Committee, and technical group program chairs, are working to make the 2013 International Annual Meeting one of the most memorable you’ve attended. All of us on the Host Committee look forward to meeting you this fall in San Diego!

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**ANNUAL MEETING**

**Getting to–and Around–San Diego**

*By Steve Marlin, HFES Meeting Planner*

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Known for its mild year-round climate, deep-water harbor, extensive beaches, and long association with the U.S. Navy, San Diego has also recently emerged as a center for health care and biotechnology development. San Diego is the second largest city in California and the eighth largest city in the United States.

San Diego beckons with much to see and do, whether your interests take you to famous sites such as the San Diego Zoo, Sea World, Balboa Park, the Coronado Bay Bridge, and the U.S.S. Midway (which is moored within a 15-minute walk from our hotel), or the bustling and energetic sights, tastes, and sounds of the Gaslamp District.

Our headquarters hotel, the Hilton Bayfront, with bay views from every room, is a short walk from the Gaslamp District, the heart of the Downtown District, and just 7 minutes from San Diego International Airport (where taxis and shuttles are available right outside the airport terminals). Each room has high-speed Internet access (for an additional charge), plasma HDTVs, and allergy-free accommodations. The hotel also has a Starbucks, a FOX Sports Grill, and a Sweet Things frozen yogurt shop. In 2012, the Hilton Bayfront received the AAA four-diamond award.

The HFES special group rate is $242 for single or double occupancy and is available until September 9, 2013, or until the block is sold out, so book your room early. Aside from the amenities already mentioned, the hotel offers a pool, gym, spa services, concierge services, and much more.

We look forward to seeing you in San Diego!
Annie Murphy Paul To Present Annual Meeting Keynote

HFES is pleased to announce that Annie Murphy Paul will be the keynote speaker at the 2013 Annual Meeting in San Diego. The Opening Plenary Session takes place on Tuesday, October 1, from 8:00 to 10:00 a.m.

Paul is a book author, magazine journalist, consultant, and speaker who helps people understand how they learn and how they can do it better. A contributing writer for *Time* magazine, she writes a weekly column about learning for *Time.com* and also blogs about learning at CNN.com, Forbes.com, MindShift.com, PsychologyToday.com and HuffingtonPost.com. She wrote *The Cult of Personality*, a cultural history and scientific critique of personality tests, and *Origins*, a book about the science of prenatal influences.

Join Us for User Experience Day

*By Marc Resnick, Program Chair, Internet Technical Group, & Robert Pastel, Program Chair, Computer Systems Technical Group*

We are happy to announce the 2013 program for User Experience (UX) Day at the Annual Meeting. User Experience Day is a dedicated track of programming specifically geared for UX professionals. The event will take place on Wednesday, October 2, from 8:30 a.m. to 8:00 p.m. As of today’s date, sponsors for UX Day include Vitamin T, Immersion, Google Research, and LUMA Institute. The objective is to deliver a great program of technical sessions and networking opportunities for all attendees. Members of related organizations who have an interest in UX have been invited, and all attendees are welcome to stop by for any or all of the day’s activities. This is your chance to make personal connections with a wide variety of UX professionals from around the world.

The schedule for 2013 features a full day of high-quality programming with something for everyone, including:

- Keynote speaker August de Los Reyes, Senior Director, Design, Microsoft
- UX Design Charrette (to find out what this is, you will have to stop by)
- CSTG/ITG Best Paper Competition session
- UX Day at the mentor-mentee lunch
- UX Leadership Development workshop (by invitation only)
- UX Day Happy Hour

We hope you can join us for a fun and informative program. Look for more announcements at the conference.

Reserve Your Seat for the 2013 Mentor-Mentee Luncheons

*By Haydee M. Cuevas, Coordinator, Mentor-Mentee Luncheons*

In the Society’s continuing commitment to support mentoring as a vital and valuable professional service, a series of mentor-mentee luncheons will be held during the Annual Meeting to assist students, early-career professionals, and those in career transition to develop mentoring relationships with established professionals in the field. The luncheons will be held from 12:00
noon to 1:30 p.m. on Tuesday, Wednesday, and Thursday, October 1–3. Complimentary lunch will be provided to those who sign up (limited to 25).

Now in its ninth year, this luncheon series has provided mentoring opportunities for almost 600 HFES members. Previous participants have represented a “who’s who” of some of the Society’s most distinguished members, with representatives from some of the top companies and universities. We expect many such professionals to join us this year, with different professionals participating each day.

NOTE: The theme for Wednesday’s luncheon will be user experience, targeting students and professionals interested in design and usability.

To keep the luncheons intimate and informal, attendance will be limited to 20 students or new professionals and 5 mentors per session. Reservations will be accepted on a first-come, first-served basis, and a waiting list will be established in case of cancellations. RSVP to me by September 15 to reserve your place. When responding, please indicate the specific day you wish to attend (Tuesday, Wednesday, or Thursday). Also indicate your affiliation (e.g., university name), field of interest (e.g., aviation, HCI, usability, systems engineering), and projected career path (academia, industry, consulting, government, etc.).

To ensure the success of this initiative, we also need involvement from our most respected and established professionals. Contact me for more information about participating. If you or your organization would like to provide sponsorship support for any of the luncheons, please contact Lois Smith.

With your support, this year’s Annual Meeting promises once again to be a rewarding experience for our next generation of human factors/ergonomics professionals!

Plan to Attend Student Career and Professional Development Day

By Kim-Phuong L. Vu, Student Affairs Committee Chair

Monday, September 30, will be packed with helpful information targeted at today’s students and tomorrow’s HF/E professionals. Student Career and Professional Development Day at the Annual Meeting provides an opportunity for students to focus on career preparation. The theme of this year’s Career Day is career transitions. Panelists will represent both recent graduates and successful professionals from universities, industry, and government agencies. The current listing of panels is as follows:

• Panel 1 (Organizer & Sponsor: California State University, Long Beach Student Chapter): Transitioning Through Academia: Graduate, Postdoc, and the Tenure-Track Faculty
• Panel 2 (Chair: Frank Lacson, Pacific Science & Engineering): Transitioning from Service to Outreach: Leveraging Skills and Lessons Learned from Student Activities to the Working World
• Panel 3 (Chair: Anthony D. Andre, Interface Analysis Associates and San Jose State University): Transitioning From Student to Professional

Please plan to attend this special event devoted to students. Full details on the session topics and panelists will be included in a later issue of the HFES Bulletin.
System Development “Day and a Half” Featured on Wednesday and Thursday

Hosted by the System Development Technical Group, “System Development Day and a Half” boasts a varied agenda of lecture sessions, panel discussions, alternative formats, demonstrations, the TG’s annual networking/business meeting, and a happy hour. The program spans eight scheduled sessions from 10:30 a.m. on Wednesday, October 2, through the evening of Thursday, October 3. Technical sessions cover an interesting mix of topics, including systems integration in the U.S. Air Force, the art of developing a human factors standard, “Requirements Jeopardy,” verification and validation, and student work in SD.

The networking/business meeting will be held at a local restaurant on Wednesday at noon, with happy hour at the same location on Thursday evening starting at 6:00 p.m. Come join other SD professionals for an interesting technical program, some networking, a little TG business, and a lot of fun!

BOHSI Session on HSI in Electronically Mediated Care Coordination

Once again, the National Academies’ Board on Human Systems Integration (BOHSI) will hold a special session at the Annual Meeting on Tuesday, October 1, from 1:30 to 3:00 p.m. Entitled “Human-Systems Integration in Electronically Mediated Care Coordination,” the session will inform attendees about BOHSI, its current activities, and how it all started with Abraham Lincoln and some very distinguished and dedicated members of HFES. Attendees will also learn about one of BOHSI’s current projects on electronically mediated care coordination. The panel will address questions such as “What makes this a problem in human-systems integration?” “What are the human-systems integration challenges?” and “How should problems in this area be approached?”

Toby Warden (BOHSI) will begin the discussion with an introduction to the current board, and BOHSI Chair Nancy Cooke (Arizona State University) will follow with a brief introduction to human-systems integration. The remainder of the panel will focus on electronically mediated care coordination. Scheduled panelists include Teresa Zayas-Caban (Center for Primary Care, Prevention, and Clinical Partnerships, Agency for Healthcare Research and Quality) and three current BOHSI members: Matthew Rizzo (University of Iowa), Sara Czaja (University of Miami), and Pascale Carayon (University of Wisconsin-Madison). We hope attendees will participate in this exciting and important discussion in San Diego.

Visit the 2013 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 during the 2013 Annual Meeting in San Diego. The Career Center will be open at the following times:

- Monday, September 30, 1:00 to 6:00 p.m.
- Tuesday and Wednesday, October 1–2, 8:30 a.m. to 6:00 p.m.
- Thursday, October 3, 8:30 a.m. to 5:00 p.m.

Subscribers to the online Career Center may reserve interview booths, tables, or both at the On-Site Career Center. Download a reservation form, or contact us at 310/394-1811 or career-center@hfes.org.
In order to conduct on-site interviews, employers must have a current job posting or be registered to search résumés during the Annual Meeting (September 30–October 4). Employers are encouraged to post job openings in the online Career Center by September 9, 2013. This will provide candidates the time to search the database and give employers time to review résumés and schedule meetings with potential candidates. HFES assists with the scheduling of interviews at the On-site Career Center, but scheduling remains 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 online Career Center. Résumé posting and job searching are for members only.

If you plan to be available for interviews at the Annual Meeting, bring along copies of your résumé 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.

**Daily Newsletter Items Wanted**

The 2013 Annual Meeting newsletter, *The San Diego Messenger*, is now accepting items for publication on these or any other topic of interest to attendees:

- descriptions of demonstrations or exhibits
- highlights of technical tours or social events
- dates and locations for university reunions/gatherings during the Annual Meeting
- features on invited speakers, other special guests, and presenters
- 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
- news of upcoming events, conferences, Web sites, videos, and publications of interest to attendees.

We encourage e-mail submissions before the meeting; however, we also welcome submissions at the meeting. 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 Marina Zielinski. *The San Diego Messenger* also invites exhibitors and any other interested parties to advertise. Contact HFES Communications Director Lois Smith at 310/394-1811 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 applications. 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.

University lab posters will be on display on Thursday, October 3, 8:30–10:00 a.m. To reserve space to display your university’s HF/E lab, send a request to Susan Marschner at the HFES central office by July 15, 2013, and include the following information:
PUBLIC POLICY MATTERS

Capitol Hill Update

By Lewis-Burke Associates LLC

This month’s article highlights recent activities, some offering opportunities for HFES members to provide input.

President’s Commission on Election Administration Convenes First Public Meeting

On June 21, the President’s Commission on Election Administration (PCEA) convened its first public meeting in Washington, D.C., to discuss the commission’s goals and objectives, future public meetings, opportunities for public engagement and comment, and the existing research on election systems. The commission—a diverse group of election administrators and public- and private-sector customer service–oriented business people—is cochaired by Robert Bauer and Benjamin Ginsberg and includes eight other members, as well as a research director.

First announced during President Obama’s 2013 State of the Union speech, the PCEA was officially established by Executive Order on March 28 and launched on May 21. The commission is charged with identifying and recommending nonpartisan ways to improve the voting experience for all eligible voters. The commission will consider a variety of issues and topics to offer a series of recommendations and best practices to assist policy makers in improving election systems. Topics of special interest to human factors/ergonomics professionals include

- the design and operation of polling places;
- design, management, and usability of voter rolls and poll books;
- voting accessibility for the military and individuals with disabilities and other special needs;
- ballot design;
- voter education; and
- voting machine technology.

Additionally, PCEA Senior Research Director Nathaniel Persily gave a presentation on existing election systems research and provided insight about areas in which more research is necessary. According to Persily’s literature review, election systems are in need of ballot redesign to mitigate misvoting and undervoting; more efficient poll worker training to expedite voter check-in and poll assistance; more usable voting technology; and enhanced systems for provisional and absentee ballots, especially for the military and people with disabilities. Persily’s presentation will be available shortly on the PCEA Web site.

Public comments are invited through the PCEA Web site and a series of public meetings across the country. Three meetings have been scheduled: August 8 in Denver; September 4 in Philadelphia; and September 20 in Ohio (the city is still to be determined). More information, meeting materials, and webcasts will be available on the PCEA events page. HFES members are strongly encouraged to participate in the conversation and to share data sets, research, and per-
personal experiences. The commission will present recommendations to President Obama by the end of 2013.

Policy Update: Senate Armed Services Committee Releases Complete FY 2014 NDAA and Explanatory Report

The Senate Armed Services Committee (SASC) recently released the complete text of its fiscal year (FY) 2014 National Defense Authorization Act (NDAA). Similar to the version of the NDAA passed by the House of Representatives in June, the SASC bill exceeds the cap on defense spending for FY 2014 outlined in the Budget Control Act. The SASC NDAA would authorize $67.5 billion in research, development, test, and evaluation (RDTE) funding for DOD. Within this amount, $11.9 billion would be authorized for defense science and technology (6.1-6.3, S&T) programs of greatest interest to universities and other research institutions. The bill now heads to the floor for consideration by the full Senate, the timing of which remains unclear.

The SASC bill and explanatory report contain a number of provisions of potential interest to HFES members. One provision is related to concerns over the policy restricting the ability of federal officials to travel to conferences and related events. SASC highlights the negative effects of this ban on research collaborations, technical reviews of ongoing DOD research programs, DOD’s ability to leverage international scientific collaborations, and DOD attendance at conferences sponsored by scientific societies.

Other issues of possible interest to HFES members include STEM education and rejection of the proposed termination of the pre-K–12 program through the National Defense Education Program (NDEP); expression of concern about the ability of the Defense Advanced Research Projects Agency (DARPA) to obligate funding quickly and efficiently; expression of concern over DOD’s seven cross-cutting science and technology priorities; the importance of advanced manufacturing for the future of the defense enterprise; and a review of the Centers of Academic Excellence (CAEs) for Information Assurance.

The full Lewis-Burke report on this topic is available here.

Current and Future Applications of Biometric Technologies

On May 21, the House Science Subcommittees on Research and Technology held a joint hearing, titled “The Current and Future Applications of Biometric Technologies.” The main goal of this hearing was to discuss the latest biometric technologies and the challenges associated with them. Rep. Larry Buschon (R-IN), chairman of the Subcommittee on Research, began the hearing by explaining the importance of biometrics and concerns over the appropriate uses of the data retrieved from these biometric technologies. One of the witnesses, Charles Romine, director of the Information Technology Laboratory at the National Institute of Standards and Technology, talked about the usability of biometrics in his testimony and how human factors are used to improve processes and data collection. HFES leaders met with House subcommittee staff in April (as reported in the June HFES Bulletin) and provided background on human factors/ergonomics work in biometrics prior to this hearing. Following the hearing, HFES initiated a dialogue with Romine. HFES will continue to build these relationships going forward.

Cognitive Computing: A New Way of Thinking

On June 18, the House of Representatives’ Science and National Lab Caucus and IBM hosted a well-attended briefing on Capitol Hill titled, “Cognitive Computing: A New Way of Thinking.” During the first portion of the briefing, David McQueeney (vice president, Technical Strategy and Worldwide Operations, IBM Research) described the importance of high-performance computers to manage big data and to enable decision making based on facts rather than intuition. He explained the change in paradigm from programmed computers to machines that learn and reason. Examples of cognitive computing described included applications for defense, weather prediction, health care, and education. Representatives Chaka Fattah (D-PA),
Randy Hultgren (R-IL), and Alan Nunnelee (R-MS) attended the briefing and highlighted the importance of high-performance computing. Rep. Hultgren additionally spoke about his soon-to-be-introduced bill to promote the development of exascale computing, and Rep. Fattah spoke about the importance of neuroscience research and the administration’s BRAIN Initiative to advance the area of cognitive computing.

The second portion of the briefing was a panel discussion that included Eric Isaacs (director, Argonne National Laboratory), Selmer Bringsjord (chair, Department of Cognitive Sciences, Rensselaer Polytechnic Institute), and James Olds (chair, Molecular Neuroscience Department, George Mason University). Issues included the importance of computer and mathematical science education, the need to develop a mathematical model of the brain and cognition, making high-performance computers more energy efficient by learning lessons from how the brain works, and the need to maintain U.S. leadership in this area. During the Q&A section, panelists emphasized the importance of psychology and social sciences in understanding the workings of the brain.

More information on IBM’s activities in cognitive computing is available here.

Lewis-Burke Associates LLC, a leading Washington, D.C.-based government relations and consulting firm, represents the public policy interests of scientific societies and institutions of higher education. Lewis-Burke’s staff of about 20 government relations professionals work to promote the federal research and policy goals of HFES and the HF/E community.

INSIDE HFES

Professional Division Spotlight
By S. Camille Peres, Chair, Professionalism Division

[Throughout the year, the HFES Bulletin will feature brief reports on progress within the Society’s five divisions: Internal Affairs, Outreach, Professionalism, Scientific Publications, and Technical Standards.]

There’s a division for professionalism? Why in the world do we need that? That is a good question, and my goal here is to tell you why the Professionalism Division (PD) is important, what it does, and how you can help!

First, let’s start with the makeup of this division. The committees that reside in PD are Accreditation, Awards, Education and Training, Fellows Selection, and Webinar Series. The fundamental role of the division is to support HFES members’ efforts toward establishing and maintaining a high professional standard. Further, the division’s role is to recognize those who have done a superlative job of maintaining high standards.

To give an example as to what it means to maintain a high professional standard and how the PD provides support, I include here what we refer to as “The profile of an human factors/ergonomics (HF/E) professional.” The activities associated with the components of this profile are important for an HF/E professional for two reasons: they facilitate individual members’ growth and success in their profession, and they are necessary for the expansion and prosperity of our discipline as a whole. Although on the surface these activities may seem self-serving, when I consider that the HF/E discipline focuses on making the interface between humans and machines more effective, more efficient, and safer, I am reminded that HF/E professionals’ work serves all those who interact with any type of machine. This encompasses most people, and thus our work serves a greater good. Given that striving to establish and maintain a high professional standard benefits ourselves as well as those who use the interfaces that our work has improved, we should all make this an integral part of our professional identity.
Below I have listed the five main components of the HF/E professional’s profile and, for each component, indicated what the PD is currently doing and where we could use your help to better serve HFES members. We need your ideas, your time, and, well, your service (you guessed it, service is one of the components).

1. Maintain a high ethical standard as defined by the HFES Code of Ethics.
   What we are doing well: HFES has established clear ethical standards, and annually we recognize those who exemplify high ethical standards through awards and the designation of Fellows.
   What we could improve: The ethical standards established by HFES need to be systematically communicated to the HFES membership.

2. Conduct professional work that results in an improved experience for the clients/users served: academic or teaching, research and development, application and practice, management and supervision.
   What we are doing well: Through the accreditation program, HFES recognizes excellent academic programs that train HF/E professionals and academics. Further, the Education and Training (E&T) Committee provides continuing opportunities for professionals to further their knowledge and skills.
   What we could improve: We need to communicate to employers that the accreditation program exists and how they can make use of the information in their hiring processes.

3. Contribute to the continued development of the field (beyond daily work assignments): service to the profession, mentoring young professionals or students, publishing/disseminating new knowledge, improving system design, enhancing collaboration among fellow professionals.
   What we are doing well: Through the awards and Fellows program, HFES recognizes those who contribute important and significant service to the HF/E profession.
   What we could improve: HFES members need to know the structure of HFES and be mentored in how to get involved and provide service to HFES.

4. Continue education and retraining to stay current in their chosen HF/E field: attending conferences, being active in local HFES chapters, participating in webinars, podcasts, etc.
   What we are doing well: E&T regularly surveys the membership on their education and training needs and provides continuing opportunities for professionals to maintain and improve their knowledge and skills. This is done through sponsored workshops and speakers at the annual meeting, and the webinar series provides regular opportunities for members to hear from HF/E leaders. Additionally, the accreditation program recognizes excellent academic programs that train HF/E professionals.
   What we could improve: The findings from E&T’s member needs survey need to be systematically and regularly communicated to those committees and groups that can help to meet those needs.

5. Educate the general population about the profession of HF/E through professional work: presentations to other professions, government, and industry; publicity; outreach to potential professionals (i.e., students).
   What we are doing well: We are using the webinar series to distribute information from the Society’s government relations firm, Lewis-Burke Associates, to let members know the role they can play at each stage of the legislative process. The webinar will be held July 30 from 1:30–3:00 p.m. Eastern.
What we could improve: We need to explore more opportunities and methods for HF/E members to learn about how and where to do outreach—both in their daily work lives and through service opportunities.

Below are some of the current activities we have been working on to support members with professionalism:

- Surveying HFES members on their training and education needs (be on the lookout for this survey in the fall, and please be sure to respond).
- Sponsoring Gary Klein as an invited speaker at the 2012 Annual Meeting.
- Implementing the new curriculum model for the accreditation program.
- Developing venues for HFES members to learn more about and from the brain trust that resides in our Fellows. There will be two events at the 2013 Annual Meeting highlighting Fellows—one a panel session in which Fellows will discuss some of the current critical issues in HF/E, and “Posters with Fellows,” where you can have face-to-face discussions with 20 Fellows. They may be showing you a history of their work, a current project they find interesting, or something else entirely (they’ve earned the privilege of being creative).
- Creating new awards to honor people who have done important work early in their careers: the William C. Howell Young Investigator Award and the Bentzi Karsh Early-Career Service Award. More details about these awards will be provided shortly. Not only will the awards honor the recipients, they also honor and remind us of the high professional standards maintained by the late William C. Howell and the late Bentzi Karsh.
- Delivering webinars as a means for HFES members to continue their education as well as for nonmembers to learn more about what we do. If you are interested in submitting a webinar for consideration for the HFES Webinar Series, please complete this form and return it to Christina Mendat.

Whew! I’m tired just thinking of all this! As you can see, although the need for a professionalism division is not necessarily obvious at first, this dedicated group of volunteers is working hard to help you be a better professional. We could use your help as well. If you have some time to offer or ideas to share, please feel free to e-mail me.

Camille Peres is an assistant professor at Texas A&M University in the Department of Environment and Occupational Health. She has done research on effective designs of auditory displays, software biomechanics, ergonomic impacts of alternative input devices, and use of simulations to teach statistics.

2014 Health-Care Symposium Proposals Invited

On July 1, the Call for Proposals site opened for paper and poster proposals for the 2014 International Symposium on Human Factors and Ergonomics in Health Care: LEADING THE WAY. This event moves to Chicago next year, after two very successful gatherings in Baltimore. It will be held on March 16–19 at the Sheraton Chicago Hilton and Towers.

Please note the following changes for 2014. First, a later deadline is offered for those who wish to submit a poster. Proposals for paper presentations are due on September 23, 2013, and for posters, October 21.

Second, workshops are planned for Sunday, March 16. Third, a student design contest will be offered. Stay tuned for details!
July Webinar Focuses on Government Relations

On July 30, Wendy Naus, Lewis-Burke Associates, will present the webinar, “HFES Goes to Washington: A Government Relations Discussion.” Members can register here at no charge. The webinar will take place at 10:30 a.m.–12:00 noon Pacific/11:30 a.m.–1:00 p.m. Mountain/12:30–2:00 p.m. Central/1:30–3:00 p.m. Eastern.

About the Webinar

What is HFES currently doing to represent members in Washington, D.C.? What can members do to advocate for HFES and the field of HF/E to the federal government?

During this webinar, hosted by the Society’s government relations firm, learn about the initiatives HFES is taking in Washington to further the field and support members. The webinar will provide context on the current state of play with the Obama administration, on Capitol Hill, and at federal funding agencies. It will also address needed future steps and possible outcomes. The role that HFES members can play at each stage of the legislative process will be discussed, as well as actions to avoid.

This webinar will be beneficial for all HFES members at any experience and expertise level.

About the Presenter

Wendy Naus joined Lewis-Burke Associates LLC, a leading full-service government relations firm, in 2004. Her public policy expertise extends to a broad range of issues, including social policy in the areas of social science, service, and education at NSF and throughout the Department of Health and Human Services (HHS); biomedical research, particularly at the National Institutes of Health (NIH); and ocean, atmospheric, and climate policy and research at the National Oceanic and Atmospheric Administration (NOAA) and the National Science Foundation (NSF). She works closely with clients in the development and implementation of their public policy agendas and helps them assess their strengths and align their priorities with the relevant federal program.

Since joining Lewis-Burke Associates, Naus has shepherded legislation through the congressional process, such as the reauthorization of a major research program at NOAA and the creation of a new grant program in the Department of Veterans Affairs.

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OSU Student Chapter Explores Engineering

By Cindy Luu, 2012–2013 Membership Chair, Ohio State University Student Chapter

I’ve always believed that the power of a common goal can unite groups to do something truly wonderful. Through a liaison with Ohio State First-Year Engineering, the OSU HFES Student Chapter discovered an opportunity to work with local high school students through the “Exploring” program. “Exploring,” a national initiative supported by the Boy Scouts of America, provides students (girls and boys ages 14–21) with the opportunity to participate in real-world experiences in their field of interest. In fall 2012, the chapter hosted two programs for local high school students interested in engineering.

In one evening program, 24 students were divided into groups of 8 and cycled through three events designed to introduce them to industrial and systems engineering (ISE) and ergonomics. In Event 1, we highlighted Steven Lavender’s stair chair emergency evacuation research. Stu-
dent students had a chance to try using various models of evacuation stair chairs. At the conclusion of the stair chair testing, Lavender led a group discussion centered on the students’ experiences, lessons learned, and the overall design and ergonomics of the various evacuation devices.

In Event 2, students toured the OSU Biodynamics Lab and learned about computational spinal models developed by William S. Marras and his graduate students, patient-handling device design research, and more. In Event 3, the concepts of quality and productivity were taught, as students competed to achieve 100% on-time, quality deliveries of Mr. Potato Head products to the customer. The lab includes one production run, one Kaizen event led by OSU LeanSigma Belt candidates, a second improved run, and a close-out discussion.

At the conclusion of the program, chapter volunteers held an open discussion with the students on what they learned about ergonomics and industrial engineering, as well as general conversations about college experience, choosing the right major, and various internships.

For the OSU Student Chapter, this outreach was a tremendous learning experience. Through these events, our volunteers were given an opportunity to share their knowledge and interest in ergonomics, ISE, and the Ohio State experience with the local students. Furthermore, with five faculty members and close to 40 volunteers involved, these events brought together a variety of people within our OSU community. Specifically, we were pleased to have participation from ISE, mechanical, chemical, food, agriculture, and biological engineering disciplines, which enabled the visiting students to learn about several areas of engineering. Something I am especially proud to share is that since this event, two of our chapter members earned undergraduate research positions in the Biodynamics Lab, all because of the exposure and connections they made through volunteering.

Judging from the surveys and direct feedback that followed, I believe that these high school students not only learned about ergonomics and ISE but also had a lot of fun with the hands-on activities and opportunity to meet others with common interests.

Special thanks to all the volunteers involved in this effort, including Steve Lavender, Carolyn Sommerich, Scott Sink, Peter Le for the Biodynamics Lab tours, Erica Loughry for spearheading the Potato Head lab experience, and John Merrill for sharing the idea of the Exploring opportunity with the Chapter.


Members can now log in to download/view reports from the newly released 2013-2014 Directory & Yearbook. To access these materials, log in at hfes.org with your username and password. On the Welcome page, select “Access major sections of the current Directory & Yearbook” to access those reports. Nonmembers can purchase the latest print version of the Directory & Yearbook here.

**In Memoriam: Earl Wiener**

HFES Past President and Fellow Earl Wiener died on June 14, 2013. Colleagues who would like to contribute a short remembrance are invited to submit a 100-word tribute to Cameron Wile for inclusion in a future HFES Bulletin issue.
Member Milestones: Kay Stanney

On May 16, Design Interactive, Inc., a leader in adaptive training solutions, was in Washington, D.C., to receive the Tibbetts Award, which is presented annually to companies that exemplify the best in the Small Business Innovation and Research (SBIR) program. David Jones, director of Medical Innovations at Design Interactive, received the award at a White House ceremony. HFES Fellow Kay Stanney is founder and president of the company. More than 1,000 SBIR grants were awarded in 2012. Of these grants, 18 were selected based on the stringent criteria of the Tibbetts Award.

The Tibbetts Awards is named for Roland Tibbetts, acknowledged as the father of the SBIR program, and is presented to companies and individuals that promote the mission and goals of the SBIR program, such as stimulating technological innovation, using small business to meet federal research and development needs, encouraging diverse participation in technological innovation, and increasing the commercialization of federal research.

OTHER NEWS

In Memoriam: Niels Diffrient

Niels Diffrient, the artist, architect, author, and industrial designer whose research on ergonomics established standards for the furniture industry, died on June 9, 2013. A complete obituary can be found here.

OSU Short Course: “Putting Ergonomics Into Practice”

Ohio State University presents “Putting Ergonomics into Practice” on October 22–25 at OSU’s main campus in Columbus. The course is designed to help participants gain an understanding of ergonomics principles through lectures, case studies, in-class demonstrations, and hands-on exercises. Among other topics covered will be the biomechanical and physiological bases of musculoskeletal disorders and how to use a variety of ergonomics assessment tools to evaluate work processes. The course’s Web site includes details and registration information.

Aircraft Fire and Cabin Safety Conference

The world’s leading conference on aircraft fire and cabin safety research, sponsored by the International Cabin Safety Research Technical Group (CSRTG), the Seventh Triennial International Aircraft Fire and Cabin Safety Research Conference will take place at the Philadelphia Marriott Downtown on from December 2–5, 2013.

Additional information about the conference is available from the FAA William J. Hughes Technical Center Fire Safety Branch Web page.
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