The current scientific publishing environment is challenging. Funding agencies want published studies to be freely available to the public. Authors want greater visibility and impact. And scientific societies and publishers must ensure the financial sustainability of high-quality, peer-reviewed publications. Here I discuss how HFES and its publishing partner, SAGE, are trying to satisfy these sometimes competing demands, including the introduction of new publishing options for our authors.

First, how accessible are HFES publications now? Members of HFES, of course, have unlimited access to the entire publication archive, including articles published in *Human Factors*, *Ergonomics in Design*, *Journal of Cognitive Engineering and Decision Making*, the annual meeting proceedings, and *Reviews of Human Factors and Ergonomics*. Nonmembers can access articles of interest in two main ways: by paying a download fee (varies by title) or by accessing the article through a library that subscribes to the relevant periodical.

The current (and traditional) model of reader access uses subscription fees, download fees, and association dues to pay for the management, production, and archiving of the organization’s publications. These funds cover costs such as copy editing, typesetting, peer-review management, tagging and indexing, Internet hosting, marketing, and permanent archiving.

However, the current model may, at times, mean that individuals interested in scholarly research will find it difficult to actually obtain a copy of what they are looking for, either due to lack of funds or lack of affiliation with a subscribing library. This problem is at the heart of the current open access (OA) movement in many scientific disciplines. OA advocates argue that all scientific publications, but especially those resulting from research funded by the public sector, should be freely and easily available to the widest possible audience. Some research sponsors and universities now mandate some form of OA for articles based on research they support. These options include publishing in OA journals and depositing articles in public or institutional archives.

HFES journals have adopted a “hybrid OA” policy in order to accommodate authors who are faced with OA mandates. In order to offset the loss incurred from reduced fees paid by readers, authors who elect OA publication for their manuscript pay a one-time fee. This OA option, referred to as SAGE Choice, is currently available to authors of accepted manuscripts. The published SAGE Choice article is made free for download at the time of publication and will remain freely available on the SAGE e-publishing platform in perpetuity. The Society’s plan is to set the SAGE Choice fee to be competitive with fees charged by many journals with which HFES members are likely to be familiar, including those of the American Psychological Association.

The SAGE Choice option for authors has been implemented in such a way that it does not influence the normal peer-review process of the journals, because it is made available only after final manuscript acceptance by the editorial board. Furthermore, the SAGE Choice option does not affect the board’s editorial priorities, such as those that might influence the article’s publication speed.

HFES journal authors who do not select SAGE Choice as a route to OA publication can still provide wider access to certain forms of their article after it has been published for at least a year. Specifically, authors may provide an accepted prepublication version of their manuscript, but not the
final published .pdf, on their personal Web sites. They may also deposit these manuscripts in repositories that have been mandated by their employing organization or funding agency after this one-year embargo period.

Although the hybrid OA model seems to be flexible enough to serve the needs of many different types of authors, we can only speculate about how it and other OA publication options will impact the evolution of scientific publishing, not to mention its impact on HFES and its journals. If OA publication rates become relatively high, it is possible that many journals will have to adopt a strict “author pays” model in order to cover publication costs. This, of course, leads to difficult issues regarding unfunded authors’ opportunities to publish in higher-impact journals.

The HFES Scientific Publications Division, the Executive Council, and our editorial boards are closely monitoring the needs of our authors and the requirements of frequent HF/E research sponsors in framing our policies. We are also watching with interest a variety of “OA experiments” as some journals implement novel publication-funding models.

For more information on SAGE publications’ OA policies, including the SAGE Choice publication option, authors should visit http://www.sagepub.com/sagechoice/faq.sp.

Policy Update: White House Announces New Open Access Policy for Federally Funded Research

By Lewis-Burke Associates LLC

The White House Office of Science and Technology Policy (OSTP) announced on February 22 that all federal agencies with more than $100 million in research and development expenditures must “develop a plan to support increased public access to the results of research… [including] any results published in peer-reviewed scholarly publications that are based on research that directly arises from federal funds.” This announcement will pertain to nearly every federal agency that funds scientific research, including the Department of Defense (DOD), the National Science Foundation (NSF), and the Department of Energy (DOE). The National Institutes of Health (NIH) already has a public access policy that meets the OSTP requirements.

The memorandum, which was guided by the National Science and Technology Council (NSTC) and the America COMPETES Reauthorization Act of 2010, directs federal agencies to submit a draft implementation plan to OSTP and the Office of Management and Budget (OMB) within six months (or by August 2013) for review. Furthermore, OSTP instructs federal agencies to gather input from stakeholders, including publishers (many of which are scientific societies), universities, libraries, and individual researchers. As such, stakeholders are encouraged to meet with agencies of interest to discuss the draft plans as soon as possible to make suggestions. NSF noted in a press release that it has “already laid out a tentative timeline for consultation, planning, systems development, and changes to its policies, which will be fine-tuned over the coming months.”

The OSTP memorandum suggests, as a guideline to the agencies, a 12-month embargo period for publications before they become freely available. However, agencies do have the freedom to alter their plans accordingly based on the “challenges and public interests that are unique to each field and mission combination.” NIH’s policy, adopted in 2009, uses a 12-month embargo period. OSTP will be releasing a second memorandum in the coming weeks with further guidance to agencies.

This announcement comes on the heels of last year’s Federal Research Public Access Act (H.R. 4004/S. 2096), which would have required publications to be publicly available after a six-month embargo. Earlier this month, legislators in the House and Senate introduced the Fair Access to Science and Technology Research Act (H.R. 706/S. 350), which also would mandate a six-month embargo. This legislation has not gained traction in the past, and the OSTP memorandum should further reduce the likelihood of legislative action on this topic.

On March 5, the Research Subcommittee of the House Science, Space, and Technology Committee held a hearing on scientific integrity and transparency. The witnesses at the hearing were Bruce Alberts, editor in chief of Science magazine; Victoria Stodden of Columbia University;
Stanley Young of the National Institutes of Statistical Sciences; and Sayeed Choudhury, associate dean for Research Data Management at Johns Hopkins University. During the hearing, both sub-committee members and the witnesses were in broad agreement that more must be done to ensure public access to federally funded research. Although concerns were raised around financing data management and the management and storage of large data sets, the subcommittee agreed that the next steps were practical issues regarding implementation of new policies.

HFES will continue to keep the community posted on new developments related to open access policies.

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.

Publishers’ Response to OSTP Open Access Memorandum

By Lois Smith, HFES Communications Director

The Association of American Publishers’ reaction was largely positive following release of the U.S. Office of Science and Technology Policy’s February 22 memorandum, “Increasing Access to the Results of Federally Funded Scientific Research.” (See Lewis-Burke’s article in this issue, “Policy Update: White House Announces New Open Access Policy for Federally Funded Research.”) The AAP’s statement, also released on February 22, called OSTP’s guidance “a reasonable, balanced resolution of issues around public access to research funded by federal agencies.”

The AAP’s Professional and Scholarly Publishing Division, of which HFES is one of 120 publisher members, provided lengthy input to OSTP in January following the agency’s call for comments in November 2012. Central to the comments from PSP were the following points:

When considering its directive to coordinate federal agencies’ role in ensuring public access to the results of federally funded research, OSTP should recognize the continued value of publisher activities, the copyright guarantees they have under U.S. and international law, and the history of innovation enabled by the ability of content providers to seek and receive a return on their investments. Federal agencies must take care to avoid undermining the critical infrastructure that supports scholarly communication. Any government-imposed mandate will face particular difficulties in adjusting to the rapid pace of change in the publishing industry. Journal publishers specifically have spurred scientific and technological innovation for decades through numerous industry-led changes in media, as well as production and delivery mechanisms. Additionally, not-for-profit and commercial journal publishers invest hundreds of millions of dollars every year in the peer review, editing, disseminating and archiving of scholarly and scientific articles, as well as in creating unique journal brands and identities on which researchers and funders alike rely to make critically important personal and professional judgments. Public access policies should not eliminate or hinder the ability of publishers to recoup these costs.

AAP is a trade association representing U.S. for-profit and nonprofit publishers, with 300 member organizations.
Save the Date for the 2014 Health-Care Symposium

On the heels of another highly successful health-care symposium in Baltimore last month, planning has already begun on next year’s event. The HFES 2014 International Symposium on Human Factors and Ergonomics in Health Care: Leading the Way will take place March 16–19 at the Sheraton Chicago Hilton and Towers.

Key Dates and Topical Tracks
Stay tuned to hfes.org for the opening of the call for proposals on May 15, 2013. Proposals for oral presentations are due September 23, and for posters, the deadline is October 21.

The 2014 symposium will again feature four tracks: Clinical Care Settings, Medical and Drug-Delivery Devices, Health-Care Provider and Patient Safety, and Clinical and Consumer Health-Care Information Technology.

Sponsorships Are Invited
Organizations and companies may sponsor an event or giveaway to increase their visibility. Sponsorships will be posted soon on the symposium Web page; offerings include the opening and closing plenary sessions, topical tracks, the opening networking reception, poster receptions, lunch-eons, and refreshment breaks. To inquire about sponsorships, contact Lynn Strother.

Reminder: Submit Your HF/E Research on Social Media for the Human Factors Prize

The topic for the 2013 Human Factors Prize is the human factors/ergonomics of social media. The period for submitting your work is May 1 through June 1 via the Human Factors online submission site. The winning author will receive $10,000 and publication in Human Factors.

The Board of Referees is looking for articles that describe HF/E research on the effective and satisfying use of social media, broadly defined to include technology that supports communication among individuals, organizations, or communities. Examples include e-mail, Facebook, Twitter, blogs, wikis, LinkedIn, instant messaging, Skype, internet meetings, and collaborative games.

We are not looking for papers that apply HF/E only to the design of such technology, which may be more suitable for a venue such as Ergonomics in Design. Rather, papers should describe the scientific contributions of human factors/ergonomics that are relevant to the design and use of social media. For example, topics might include

- effects of communication modality on comprehension of messages,
- effective ways to integrate social media into emergency response or health-care coordination or education,
- use of social network data for HF/E applications, or
- human factors of computer-supported cooperative work.

View the Human Factors Prize FAQ page to read more and see examples of previously published papers that address this year's topic.

Research articles or extended multiphase studies are welcome, and submissions must adhere to the policies for general submissions to Human Factors. These include length restrictions, originality, and formatting. Address any questions to Nancy J. Cooke, Chair, Human Factors Prize Board of Referees.
Call for 2013 Student Member and Chapter Awards
By Kim-Phuong L. Vu, Chair, Student Affairs Committee

The Student Affairs Committee is pleased to have the opportunity to recognize the accomplishments of and service to the Society by our students and student chapters through the Student Member with Honors Award and the Outstanding Student Chapter Award. To apply for these awards, students or chapters must send a completed application (see below) and supporting materials to me at kim.vu@csulb.edu on or before July 1, 2013. Award recipients will be recognized at the 2013 Annual Meeting in San Diego during the Student Reception, to be held on Tuesday, October 1, from 5:00 to 6:00 p.m.

The following are highlights of the eligibility requirements for the awards. Please refer to the HFES Student Chapter Web site for complete details.

**Student Member With Honors**
This designation honors students who have made outstanding contributions to the discipline and/or HFES during their tenure as students. To qualify, students must meet all of the following eligibility requirements:

- Student membership in HFES for at least six months prior to application
- Classified as a graduate student, or class standing of junior or senior for an undergraduate
- Minimum GPA of 3.75 for graduate students; minimum GPA of 3.50 for undergraduate students
- Successful completion of at least three HF/E-related courses with an A grade
- Significant HF/E-related service to HFES
- One letter of recommendation from a faculty member, which specifies and demonstrates the outstanding contributions made by the student. This endorsement letter is critical to the application. The letter should highlight the outstanding contributions of the student and indicate how those achievements meet the requirements for the student to be recognized as a Student Member with Honors by distinguishing the student among his or her peers.

In addition, at least two of the following three conditions must be met:

- Primary author of an HF/E research paper published in an approved journal. All IEA endorsed, peer-reviewed journals listed here are approved for this criterion.
- Presenter of an HF/E-related lecture at a national or international conference.
- Evidence of significant contribution to an industry project.

Note that meeting at least two of these three conditions is necessary but not sufficient for the award. The quality of the candidate’s contributions in each of the areas will also be evaluated.

**Student Chapter Levels of Recognition**
Chapters are recognized for their contributions and achievements (both the number and quality of activities) across a number of categories, listed below, with emphasis on demonstrated excellence in a specified number of areas. The levels of recognition are as follows:

- **Gold** requires activity in at least eight categories with excellence in at least five categories, and at least 50% of the student members being HFES Student Affiliate members.
- **Silver** requires activity in at least five categories with excellence in at least three categories, and at least 40% of the student members being HFES Student Affiliate members.
- **Bronze** requires activity in at least three categories with excellence in at least two categories, and at least 25% of the student members being HFES Student Affiliate members.
The list of activity categories follows; of primary importance is the quality and outcome of the activity in the category. The creativity category allows chapters to uniquely define activities and provides an opportunity for some chapters to obtain a recognition level for which they would not otherwise qualify.

- Recruitment
- Guest speakers
- Field trips
- Outreach/volunteerism
- Collaboration
- Service to HFES
- Exploration
- Social and networking activities
- Information dissemination
- Mentorship
- Continuous improvement
- Creativity

Chapters must clearly indicate the recognition level sought (Gold, Silver, or Bronze), provide supporting materials that document the various activities of the chapter in each category, and provide a letter of recommendation from the chapter adviser. We encourage chapters to submit other materials that will support the application, such as brochures, announcements, or images from events, videos, and Web sites. Please include all supporting material electronically as part of the application, and provide a short narrative that sufficiently details your accomplishments in each activity category.

**Submitting Your Application**

The deadline for receiving applications for both the Student Member with Honors and the Student Chapter Award is July 1, 2013. No applications will be accepted after this date. Be sure to read the complete application details before making your submission. Compile the completed application materials into a single document (preferably PDF, but Word is acceptable) and send it by e-mail to me at kim.vu@csulb.edu.

**Nomination Ballots Coming This Month**

Nomination ballots for the 2013 election of HFES officers and at-large Executive Council members will be sent to Full and Emeritus Members and Fellows on April 15. Completed nomination ballots are due on May 15. 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 receive the ballots by e-mail.

**New Issues of Human Factors and Journal of Cognitive Engineering and Decision Making Now Available Online**

The March issue of JCEDM and the April issue of Human Factors are now available on SAGE Journals Online. To read the full issues, first log in to hfes.org and select the title of the publication you are interested in on the Welcome page under “Access Member Benefits.” Forgot your member login ID? Contact Member Services at membership@hfes.org or 310/394-1811.

**List Your Consulting and Expert Witness Services**

If you’re a Full Member or Fellow and provide consulting or expert witness services, HFES invites you to purchase a listing in the online Consultants Directory. The Consultants Directory is freely available to anyone who visits the HFES Web site. The fees for an annual listing are $150 for individuals and $250 for companies; renewal rates for those already in the system are $100 for individuals and $200 for companies.
If you are a current HFES member and would like to place or renew a listing, go to hfes.org, log in, and select the option “Create a Consultant Directory listing” on the Welcome page. If you have any questions, please contact the Member Services Department at 310/394-1811, membership@hfes.org.

**Member Milestones**

**Deborah A. Boehm-Davis**

HFES Fellow Deborah A. Boehm-Davis has been appointed dean of the College of Humanities and Social Sciences, George Mason University, effective July 1. She is currently associate dean of the college.

Boehm-Davis served as president of both the Applied Experimental and Engineering Psychology Division of the American Psychological Association and the Human Factors and Ergonomics Society. She is an associate editor for *Human Factors* and a member of the editorial board for *Theoretical Issues in Ergonomics Science* and the *Journal of Cognitive Engineering and Decision Making*. In addition, she is a Fellow of the American Psychological Association and the International Ergonomics Association, and chair of the HFES Government Relations Committee. She can be reached at dbdavis@gmu.edu.

**Maggie Jiao Ma**

HFES member Maggie Ma has been named one of the recipients of the Boeing Commercial Aviation Services (CAS) Engineering Team of the Year Award for 2012. In November 2012, Ma and her team, led by William Rankin, received the Most Motivational Award at the Boeing Commercial Aviation Product Safety Fair contest “for inspiring/motivating individuals to act and continuously improve Aviation Safety.”

The team serves on several industry-wide and enterprise committees and last year served on a high-level Boeing Commercial Aviation Incident Review. This was in addition to the group’s typical support to customer airlines on implementing the Maintenance Error Decision Aid (MEDA) process, the Ramp Error Decision Aid process, Maintenance Human Factors training, a Safety Management System, Maintenance Line Operations Safety Assessment (LOSA), and Ramp LOSA. Ma can be contacted at maggie.j.ma@boeing.com.

**ANNUAL MEETING**

**Reserve Your Hotel Room at the Hilton San Diego Bayfront**

The HFES 2013 Annual Meeting will take place from September 30 to October 4 at the Hilton San Diego Bayfront Hotel. Reserve your room to take advantage of the HFES group rate of $242/night single or double occupancy. This rate applies for stays between September 27 and October 5, and the rate expires on September 9 or whenever the HFES block is sold out.

**Call for Student Volunteers**

HFES invites full-time students to serve as student volunteers for the 2013 International Annual Meeting, September 30–October 4, in San Diego. Student volunteers perform many essential functions and help to ensure that the Annual Meeting runs smoothly.

First preference will be given to current HFES Student Affiliate members. Students applying to volunteer must preregister by August 19, 2013. Registration
opens in June. To volunteer, please send the following information to Director of Member Services Carlos de Falla:

- your contact information (including your full name and e-mail address)
- your first, second, and third choices from the list of key areas given below
- your anticipated date of arrival at and departure from the meeting.

You may request assignments in specific areas, and every effort will be made to ensure you receive your first or second choice. Volunteer positions are limited to about 50 slots, and requests will be accepted on a first-come, first-served basis. Help is needed in (but not limited to) the following key areas:

- Workshops (Monday, September 30)
- Ribbon desk (September 30–October 2)
- Internet stations (September 30–October 4)
- Daily on-site newsletter (October 1–2)
- On-Site Career Center (October 1–3)
- Technical Tours (October 1–3)
- Poster sessions (October 1–4)

Assignments will be made and instructions sent four weeks prior to the meeting. A student volunteer room will be available at the headquarters hotel for checking assignments, networking with other students, and obtaining signatures for completed work.

Volunteer positions are based on need. More than 90% of the positions are four hours and volunteers in this group will be reimbursed half the student registration fee. Students assigned to eight hours of volunteer work will receive a reimbursement of the full student registration fee. Refunds are processed after the meeting. Student volunteers will also receive first come/first serve information regarding lodging at the student hotel.

**OTHER NEWS**

**2012 Jahns Student Practitioner Award Goes to Student from Malaysia**

*By Robert Smillie, President, Foundation for Professional Ergonomics*

Mohd Nasrull Abdol Rahman is the winner of the 2012 Dieter W. Jahns Student Practitioner Award. Abdol Rahman, a PhD student at the Universiti Teknologi Malaysia (UTM), is the third recipient of this award, which is sponsored by the Foundation for Professional Ergonomics (FPE), a nonprofit organization dedicated to advancing professionalism in ergonomics. Halimahtun Khalid, president of the Human Factors and Ergonomics Society – Malaysia, presented the award in November 2012 at the NIOSH Ergonomics Seminar in Dewan Sri Johor, Malaysia.

Abdol Rahman won the award for his project, “Development of the Exposure Assessment Tool for Assessing the Exposure to Physical Risk Factors Associated With Work-Related Musculoskeletal Disorders (WMSDs).” The objective of his project was to develop a new technique for using the Workplace Ergonomic Risk Assessment (WERA) tool for classifying physical risk factors associated with WMSDs.

*Halimahtun Khalid presents the award to Mohd Nasrull Abdol Rahman at the NIOSH Ergonomics Seminar in Malaysia, November 27, 2012.*
“I’m honored to be the 2012 recipient of the Dieter W. Jahns Student Practitioner Award,” Abdol Rahman said. “It inspires me to contribute to ergonomics knowledge on the health, safety, and productivity in the workplace. Finally, this achievement will motivate me to do further research work in the ergonomics field.”

The annual award, named for Dieter Jahns, a life-long advocate of the practice of ergonomics and a leader in ergonomics certification, is given to the student (or group of students) for an ergonomics project that demonstrates the major practice areas of ergonomics: analysis, design, and evaluation.

Submissions for the 2013 Dieter W. Jahns Student Practitioner Award are due on May 31, 2013. Complete details are available at [www.ergofoundation.org](http://www.ergofoundation.org).

**Register to Attend the University of Michigan Human Factors Short Course**

Now in its 53rd year, the University of Michigan Human Factors Engineering Short Course will be offered July 22–27 and July 29–August 2 in Ann Arbor, MI. The two-week course concerns the design of systems, products, and services to make them easier, safer, and more effective for human use.

The first week of the course focuses on human factors concepts and is a broad survey of topics important to designers and researchers. Human-computer interaction is the focus of the second week and presents an overview of major topics and issues in human-computer interaction through workshops on selected concepts, methods, and procedures that provide the foundation for design of effective human-computer systems and Web applications. Twelve senior human factors professionals, three of whom are HFES past presidents, teach the course. For additional information, please visit the [course Web site](http://www.ergofoundation.org).

**National Science Foundation Needs Your Help to Transform Cognitive Science**

The National Science Foundation seeks proposals that accelerate new integrative research across disciplines and across spatial and temporal scales of analysis in cognitive science. Such approaches will enhance the understanding of how the brain regulates the individual’s biology, processes complex social and physical cues, and allows organisms to behave in and adapt to changing environments.

Research aimed at understanding the brain is supported by virtually all of the disciplinary Directorates within the National Science Foundation. NSF currently funds research to better understand cognitive science and the neuroscience of cognition and behavior (such as language, thought, decision making, and social processes) using behavioral, neuroscience, and computational methods.

Proposals, including those focused on data issues, tools, and technology, may address one or more of the following thematic areas: adaptation to changing environments; mechanisms underlying dynamic decisions and communication within and across scales; and technologies for discovering, analyzing, and modeling brain function, neural coding, and circuits.

Proposals should be submitted before June 1. More information can be found [here](http://www.ergofoundation.org).

**Applied Memory Research Papers Sought for Upcoming Special Issue**

*Zeitschrift für Psychologie*, the oldest psychology journal in Europe, publishes topical issues that provide state-of-the-art reviews of current research in psychology. The journal invites submissions for an upcoming issue focused on applied memory research, including, for example, methods for im-
proving memory, consequences of memory errors, techniques for circumventing specific deficits, and acquisition of practical skills. Scholars from various areas of psychology, including but not limited to clinical, educational, forensic, and human factors, may send abstracts to Guest Editor Melody Wise-heart. For detailed author guidelines, please visit the journal’s Web site.

**Pervasive and Mobile Computing Seeks Special Issue Papers**

*By Myounghoon Jeon*

In the long tradition of driver-vehicle interaction, information systems have been socially ignorant. Most systems have not accounted for the fact that drivers constantly emote and make decisions are always socially inspired. The next generation of automotive interfaces needs to include the concept of social intelligence in order to become more effective and safer. *Pervasive and Mobile Computing* invites researchers to take part in an in-depth discussion of the timely, relevant, and important field of investigation regarding socially inspired cars by submitting their work for a special issue. The central objective of this issue is to provoke an active debate on the adequacy of socializing cars and to raise basic questions, including who can communicate what, when, how, and why.

All submissions must be prepared according to the “Guide for Authors” as published on the Journal Web site. Papers are due *July 31, 2013* for publication sometime in 2014.

**CALENDAR**

**April 2013**


**May 2013**

Universal Design Summit 5: Creating Livable Homes and Communities, May 6-8, St. Louis, MO, [http://udsummit.net/conference](http://udsummit.net/conference).


**June 2013**
