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## Guidance, Young Grasshopper, for Your Mission as an HF/E Evangelist

*By Eugenia M. Kolasinski*

I love human factors/ergonomics. As a fellow member of HFES, I'm guessing you do, too. I love the way it can be applied to any human application and make a real, positive difference. But I also have some frustrations. For several years, I attended annual meetings, popping into presentations on a variety of interesting topics and thinking to myself, "This is such good stuff – but we often just talk to ourselves." Wouldn't you agree?

"What HF/E needs is an 'evangelist,'" I concluded, "someone to share the HF/E word and take its findings to people who can use them."

In reality, HF/E already has evangelists – or, at least, potential evangelists – 4,504 to be exact. You might recognize this number – it's the total number of current HFES members.

Several past *Bulletin* articles, as well as the National Ergonomics Month initiative, have done a lot to emphasize the need for all Society members to take an active part in promoting the field. The simple fact is that if the HF/E word is to be shared with the world, all Society members will have to be involved in the process.

### Who Am I to Write This Article?

Three years as an instructor at the college level taught me that teaching as a faculty member just wasn't my thing. I left my position at the United States Military Academy for a research position with a government contractor working on projects that were part of a Presidential Directive Initiative to develop alternatives to anti-personnel landmines. I discovered that high-profile work can be exciting, but it also has a downside: Because of changing political and world climates after September 11, the landmine issue completely fell off the radar, landmine-related projects disappeared, and I had to find new work.

Following a long series of events, I stumbled upon a Web site about writing for trade and technical magazines. A search with your favorite online search engine will reveal several such sites, and they all emphasize the same key things: Editors want expertise, writers who can write for their readers, and writers who understand the business of writing. I realized that I could do the first two and figured I could learn the third. And just like that, I decided to try freelance magazine writing.

That was in the fall of 2002. I was able to pursue writing only on a part-time (or less) basis, but I had enough success to realize

that I could indeed be effective in commercial publishing. For one year, I wrote a column on everyday psychology topics for a local social organization's magazine and have served as a contributing writer for the HFES Annual Meeting daily on-site newsletter for the past three years. I have also been published in several commercial magazines. One article of which I am especially proud was published last July in the law enforcement trade magazine *Law and Order* about the cognitive effects of sleep deprivation. It was basically an application of a lesson I taught when I was at West Point.

Although I initially intended to write only on HF/E topics, I have recently broadened my writing interests to include a new passion, professional bowling. I hold a media credential with the Professional Bowlers Association (PBA), and for the past five months, I have written a weekly article for a Clermont, Florida, newspaper about the performance of Clermont bowlers Norm Duke and Jason Couch during the 2005–2006 PBA Tour season.

Barry Beith advised the Society in his April 2003 *Bulletin* article to "get to know a freelance writer or two" – well, now you know one, and she's always looking for article ideas.

### Taking the HF/E Word to the Masses on Your Own

My efforts clearly prove that we can successfully use the mass media to share the HF/E message. Writing is a very democratic opportunity, and I encourage you to try it for yourself. There are some things you need to know, though, before you get started. You may think that your long list of academic publications, government documents, or internal documents necessarily implies success in commercial publishing, but you would be wrong. Commercial publishing is very different from the publishing most Society members do. It is a business, and in order to be successful, you have to demonstrate that you know and can follow its rules.

Recall the three-point bottom line I mentioned earlier. For us, expertise is a given; the other two aspects are not. A thorough discussion of commercial publishing is not the point of this article (it may make a good workshop at a future annual meeting if there is enough interest), but I'll give two quick examples of what I mean.

One critical element is the actual writing. You've surely noticed that this article doesn't read like a typical academic article. And some grammar and formatting rules I'm using may be driving APA style purists crazy. I'm intentionally using Associated Press

## Guidance, Young Grasshopper...

(continued from page 1)

style and my column “voice” (as opposed to my newspaper, magazine, or academic voices) to emphasize how different academic and commercial writing can be in terms of both writing and style rules. Unfortunately, expertise alone does not guarantee success in writing for a mass market. However, learning to write in other than an academic way is a skill that can be learned, and it’s an especially valuable one for us because of the unique viewpoint we can offer as HF/E professionals.

“Whatever your area of expertise or interest, there is a market – aviation to zoology,” says Joni M. Fisher, an Auburndale, Florida private pilot and freelance writer with 25 years of writing experience. “People adore learning the how and why, but most news sources rarely explain the deeper aspects of the news beyond the catchy headline. As a writer, I strive to bring readers news in a way that helps them understand not just the issue at hand but how it matters to them.”

We can adopt Joni’s approach in a unique way. Not only can we explain HF/E aspects of topics, but we can also help readers understand personal applications in a way that differs from journalists who have no understanding of HF/E.

See no reason to use 5 words when 20 will do? Commercial publishing may not be for you, but there are other ways to share our HF/E perspective with the world, such as TV and radio. Maybe you saw Alan Hedge on the NBC *Weekend Today* show in March and would like to do similar TV work. Perhaps you dream of hosting an HF/E-related show on your local radio or cable station. Whatever medium you fancy, the important thing is to get the HF/E word out.

### Helping HFES Share the Word for You

If you don’t have the time or inclination to learn the ins and outs of a new medium, the Society can help. HFES has two major outreach efforts that depend primarily upon member contributions: press releases and the American Institute of Physics’ Discoveries and Breakthroughs Inside Science program (DBIS). DBIS (<http://www.aip.org/dbis>) is a program that promotes science in 90-second news spots, which are broadcast to general audiences across the country. Also, as mentioned in the April *Bulletin* (<http://www.hfes.org/web/BulletinPdf/0406bulletin.pdf>), HFES now offers

the HF/E Breaking News E-mail Discussion Forum to allow members to exchange information on and stay informed about HF/E items in the news (and don’t think I won’t monitor the forum for future article ideas).

Let’s say that you have been researching ergonomic improvements for fishing, have developed a new and improved “ergonomic” fishing pole that will revolutionize fishing, and want to share your work with the world. After reading this article, you may be inspired to check out the numerous fishing trade magazines and pitch an article about your research and new fishing pole. If you are active in your local HFES chapter, you might offer to do a presentation on your work and invite the local media to attend. You may also consider writing an article for the *Bulletin* and/or submitting an op/ed piece or letters to the editor of your local newspaper. Although many newspapers are entirely staff written and do not accept feature-length articles, even from published freelancers, it never hurts to query an editor with an idea. You can also refer to those past *Bulletin* articles I mentioned for other outreach suggestions (<http://www.hfes.org/web/OutreachResources.html> – this site also has links for DBIS stories contributed by HFES).

For help from the Society in sharing your work with the world, all it takes is an e-mail to Lois Smith ([lois@hfes.org](mailto:lois@hfes.org)). Just give her a simple (i.e., written for an eighth grader) description of your work, explain why it is cutting edge or unique compared with other fishing-related research, and explain how your work can be implemented in the real world. Once HFES has this information from you, the staff will post a press release on the HFES home page and/or to EurekAlert! (<http://www.eurekalert.org/index.php>). EurekAlert! is an online global news service operated by the American Association for the Advancement of Science. It features news from all areas of science, medicine, and technology, and thousands of reporters and media members subscribe to it.

Because a large number of people fish, if your new fishing pole will be implemented within a year and truly is revolutionary, your story of its development may make an appropriate DBIS item. E-mailing Lois will enable HFES to evaluate your work as a candidate for DBIS. If your idea is accepted as a DBIS item, HFES will assist you with development of the news spot.


While HFES is doing its thing, don’t forget to contact your institution’s public relations department if one exists. Although the Society’s efforts can reach a large segment of the media, people within individual PR departments sometimes have personal contacts that can reach even further.

### The Bottom Line

You are doing great work, and the world needs to hear about it! How will the world hear about it, though, if you don’t tell anybody? Accept your mission as an HF/E evangelist and start sharing the HF/E word today.

*Eugenia M. Kolasinski is a Florida-based freelance writer, human factors/ergonomics professional, and former West Point professor. She received her Ph.D. in human factors psychology from the University of Central Florida. She writes on HF/E topics and on professional bowling. She is also an avid beginning bowler whose highest game bowled is 225 – in practice. She welcomes comments on this article at [emk\\_freelancing@yahoo.com](mailto:emk_freelancing@yahoo.com).*





# Bulletin

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# Executive Council Meeting Report

By Marvin J. Dainoff, HFES President

On April 6–8, the HFES Executive Council met at the Hilton San Francisco Hotel to discuss the Strategic Plan as well as policy and budget matters. I presented my view that, as this is our 50th anniversary year, we should feel a particular responsibility to ponder what HFES will look like in the future. Will we still exist? Will we be stronger and more influential than we are now?

The context for this statement is derived from the National Academy of Sciences report “Rising Above the Gathering Storm” referred to in the February 2006 Bulletin (available at <http://www.hfes.org/web/BulletinPdf/0206bulletin.pdf>). It is clear that our scientific, educational, and business leaders are very concerned about major structural changes in our physical, economic, and social environments in the not-too-distant future. As an organization, HFES will need to be nimble enough to adapt to these changes. At the same time, our strategic goal of enhancing the science and practice of HF/E ought to enable us to make significant contributions toward ensuring a human-centered orientation to the massive sociotechnical changes that are predicted.

To do this, we need to start our discussions now, looking both inward and outward. Looking inward requires carefully examining our organizational structure and tuning it so that we can achieve the nimbleness and adaptive behavior described above. Looking outward requires explaining our value as a profession to our potential “customers” as well as more effectively communicating our value as a scientific/professional society to our colleagues who have not chosen to join us, or who have left us.

To this end, the new organizational model was proposed. The primary function of Executive Council is to provide strategic direction. (What we should do, and why.) “Components” (committees, chapters, TGs, and central office staff) create implementation solutions that support the strategic direction. (How we should do it.) EC members’ role is to review/monitor implementation solutions.

This approach constitutes a significant change in HFES organization and operations. EC meetings involve more focus on strategic discussion; agenda items are now considered within the context of the Society’s strategic goals. At the same time, committees and other organizational components have the authority, as well as the responsibility, to generate their own implementation solution proposals, rather than waiting for specific direction from the Council.

Following is a brief outline of specific accomplishments at the midyear meeting. Follow-up articles in the *Bulletin* will discuss these changes in more detail.

## Strategic Plan

President-Elect Waldemar Karwowski chaired the planning day discussions on Thursday, April 6. The group discussed the core values of the Society, Council structure and functioning, ways to empower the Council of Technical Groups, and potential implementation strategies. The Policy and Planning Committee will review the minutes of the meeting and evaluate the need to

make suggestions for changes at the October 14–15 Executive Council meeting.

## Chapters

A new student chapter at Brigham Young University-Hawaii was approved. The president is Nicki Strong and the faculty adviser is Ronald Miller.

## Interorganizational

HFES has rejoined the American Association of Engineering Societies, a multidisciplinary organization of engineering societies dedicated to advancing the knowledge, understanding, and practice of engineering. Through its AAES membership, the Society can enhance its outreach and advocacy efforts.

## Membership

New members and changes in membership category were approved in the following numbers: 42 Full Members, 198 Associates, 8 Affiliates, and 280 Student Affiliates; 2 Affiliate to Associate, 6 Affiliate to Full Member, 19 Associate to Full Member, 2 Full Member to Emeritus Member, 1 Full Member to Fellow, 1 Student to Full Member, 1 Student to Spousal Member, 7 Student Affiliate to Transitional Associate 1, 66 Transitional Associate 1 to Transitional Associate 2, and 42 Transitional Associate 2 to Associate.

## Publications Committee

Operating Rules were adopted concerning the purpose and responsibilities of the HFES Publications Committee, chaired by Paul Green.

## 2006 Revised Budget

Minor, nonsubstantive changes to the existing 2006 budget were approved. ☒

## BOOK DRIVE

# HFES International Book Drive

The HFES International Book Drive continues to provide books to human factors programs in developing nations around the world. More than 4000 books, journals, and proceedings have been donated to more than 15 developing nations over the years. The 2005 book drive was again a success. Books were donated to professors and universities in Indonesia, South Africa, Sri Lanka, and the Ukraine. The HFES University of Central Florida Student Chapter has been responsible for collecting, cataloging, and mailing donated references since January 2000, and it is once again anticipating a successful year with a continued positive response from the HFES community.

If you are interested in donating books, know of a school in a developing nation that might be interested in receiving books, or have any general questions about the HFES Book Drive, please contact HFES Book Drive Coordinator Michael Curtis, University of Central Florida, Team Performance Lab, 3100 Technology Pkwy., Ste. 100, Orlando, FL 32828, [m\\_curtis@earthlink.net](mailto:m_curtis@earthlink.net). ☒

## HFES Career Center – Your Key to Success

If you haven't visited the HFES Career Center lately, go to <http://hfes.org> and click the "Career Center" navigation bar. The Career Center is a comprehensive recruiting tool to help you find a job, whether you're moving to a new area, just entering the field, or curious about other career options.

### Job Seekers

In the last four years, almost 600 jobs in 53 HF/E categories across the United States have been posted by employers seeking qualified individuals with relevant expertise.

The Career Center is an exclusive benefit of HFES membership. Benefits for members include the following:

- View job postings at no charge. Browse or search by employer, location, job category, and/or title.
- Post your résumé, search the jobs, and apply when it's convenient for you, from any computer in any location at any time of day or night.
- Keep your résumé and search confidential if you prefer.
- Receive alerts when new postings appear that match your preferred job profile.

Jobs are posted in a wide range of employment sectors, including academia, consulting, government, and industry. These are some of the categories of jobs that have been offered via the HFES Career Center:

- Aerospace/aviation
- Anthropometry
- Artificial intelligence
- Cognitive modeling/analysis
- Communications
- Computer software and hardware/systems/workstations
- Consumer products/equipment design
- Education/teaching/research
- Environmental design
- Forensics
- Industrial design
- Industrial engineering
- Industrial ergonomics
- Industrial hygiene/safety
- Mechanical engineering
- Occupational safety/health
- Organizational design/management
- Safety
- System development
- Test and evaluation
- Training
- Transportation
- Usability
- Warnings
- Web site design/development
- Workplace/workstation design/analysis

To post a résumé, log in at the HFES Web site with your username and password and click the "Career Center" navigation bar on the left side of the page.

### Employers

The Career Center connects you to highly qualified human factors/ergonomics professionals. Step-by-step instructions help you post a job in minutes, and special editing tools enable you to edit your announcement quickly. You can also search the database of résumés and proactively contact candidates. At this time, almost 500 résumés are in the candidate database.

Career Center benefits for employers include the following:

- Quickly review résumés specific to your sector and job requirements. Target your search by narrowing key criteria.
- Receive automatic "Résumé Search Agent" e-mails when new job seekers enter résumés matching your criteria.
- Get instant notification when a candidate applies for your position.
- Easily manage multiple job postings.
- Obtain job activity reports to be sure you're getting the best results.

Below are some usage statistics from Career Center activity in the last four years:

- Jobs were viewed by candidates an average of 327 times.
- An average of 10 applications were submitted for each job posted.
- 61% of candidates applied for a job.
- Résumés have been posted by candidates in 44 states.
- About 30% of candidates have a doctorate, 55% have a master's degree, and 15% have a bachelor's degree.

Packages for employers include résumé search only or résumé search plus job posting for different periods. Details may be found at <http://hfes.org>. (Click the Career Center navigation bar on the left side of the page.)

## E-Mail to Members

Occasionally, HFES sends information to members to alert them to Society events, activities, and publications that might be of interest. Examples include reminders to renew your HFES membership or to register for the annual meeting to take advantage of early registration discounts, or to consider purchasing the latest book by HFES.

More and more members report nonreceipt of Society e-mail because of spam filters and firewalls. We are finding it increasingly difficult to reach members who have AOL addresses. If you find Society e-mail messages of value, please be sure to set your filter to accept mail from hfes.org.

Any member may opt out of receiving these e-mail messages. To do so, please contact the Member Services Department at [membership@hfes.org](mailto:membership@hfes.org), 310/394-1811, or fax 310/394-2410. ☒

## NEM Wants You!

By Haydee M. Cuevas, NEM Committee Chair

National Ergonomics Month (NEM) each October is targeted at promoting human factors/ergonomics to the general public through outreach and community service. In celebration of the HFES 50th Anniversary, the NEM Committee is inviting all HFES members, local chapters, and student chapters to create a plan of action that actively promotes NEM in your communities. No idea is too great or too small! Speak about HF/E at your local schools. Volunteer to serve as a judge at a local science fair. Organize a group volunteer day for a Habitat for Humanity building project. Hold a design challenge competition at work or at your university. The possibilities are endless! For more great ideas, visit <http://bfesnem.org/>.

To enter the 2006 NEM Best Action Plan Contest, please include the following information in a Microsoft Word file and send it to me as an e-mail attachment at [haydee.cuevas@satechnologies.com](mailto:haydee.cuevas@satechnologies.com). The submission deadline is *August 27, 2006*.

- Proposer's name(s), address, e-mail, and daytime phone number.
- If entry is on behalf of an official local or student chapter, please specify the chapter's name.
- Names of other professionals and/or students participating in organizing or implementing your action plan.
- Title of your action plan.
- Brief description of your action plan. What activities are planned?
- Timeline for your action plan. When will you be implementing it?
- Goal(s) of your action plan. What do you seek to accomplish? What audience(s) are you targeting (e.g., community, students, corporations, government)?

Awards will be presented to the best individual, local chapter, and student chapter action plans at the HFES 50th Annual Meeting in October. The NEM Committee is also seeking volunteers to serve on the NEM Best Action Plan Contest selection committee. If you are interested, please contact me at 407/737-8909 or [haydee.cuevas@satechnologies.com](mailto:haydee.cuevas@satechnologies.com). Together we can make NEM 2006 an integral part of our Society's 50th anniversary celebration! ☒

## ERRATUM

### SAFE Association Symposium

The location of the 2006 SAFE Association Symposium was incorrectly reported in the March issue of the *HFES Bulletin*. The 44th Annual SAFE Symposium will be held in Reno, Nevada, from October 23 to 25, 2006. More information about the symposium may be found at <http://www.safeassociation.com>. ☒

## Airport Design Competition for Students

The Federal Aviation Administration is sponsoring a national Airport Design Competition for undergraduate and graduate students addressing design challenges relating to airports. The competition seeks to identify design challenges regarding the safety, capacity, and efficiency of U.S. airports and to offer innovative solutions to these problems.

Cash prizes will be awarded to winners in three areas: airport operation and maintenance design, runway safety/runway incursions design, and environmental interactions design. The first-place winners in each category will be invited to present their designs at the American Association of Airport Executives Annual Conference and Exposition in June 2007.

To enter the competition, a notice of intent (NOI) must be filed. For summer semester students, the NOI deadline is *June 15, 2006*, and for the fall semester, it is *September 18, 2006*. Proposal submissions will be accepted starting *July 1, 2006*. For more information about the award, go to <http://platinum.ts.edu.edu/Apps/FAAUDCA.nsf/fhome?openform>.

## HFES Europe Chapter Annual Meeting

Abstracts are invited for the HFES Europe Chapter Annual Meeting, to be held in Sheffield, United Kingdom, November 8–10, 2006. The conference theme is "Human Factors Issues in Complex System Performance," and abstracts on topics closely related to the broad theme of complex human work are especially sought. All presented papers and posters will be published after the meeting. Tentative plans call for the meeting's best papers to be collected as a themed book, and other papers and abstracts will be published as proceedings on the HFES Europe Chapter's Web site.

Abstracts are due *July 1, 2006*. For more information about the annual meeting and to submit an abstract, please visit the HFES Europe Chapter Web site at <http://conference.bfes-europe.org>. Questions about the conference should be directed to Dick de Waard ([d.de.waard@hfes-europe.org](mailto:d.de.waard@hfes-europe.org)) or Bob Hockey ([g.r.j.hockey@sheffield.ac.uk](mailto:g.r.j.hockey@sheffield.ac.uk)).

## Aviation Security Technology Symposium

Abstracts are invited for the 4th International Aviation Security Technology Symposium, to be held from November 27 to December 1, 2006, in Washington, D.C. Abstracts should be 100–200 words and should be submitted to one of four tracks: technology and development, operational and performance optimization, supporting technology, and special topics. As the symposium is an open forum, no restricted or classified information is to be submitted. Following the symposium, all papers will be

*continued on next page*

published and distributed to all paid attendees, and copies of the proceedings will be placed in government archives.

The deadline to submit abstracts is *June 30, 2006*. More information about the symposium may be found at <http://www.sskies.org/symposium.htm> or by e-mailing [safeskkies@sskies.org](mailto:safeskkies@sskies.org).

## ISAP 2007

Proposals are invited for the International Symposium on Aviation Psychology (ISAP), to be held in Dayton, Ohio, April 22–26, 2007. The theme for this symposium is “Airspace as a Cognitive System.” Proposals may include papers, sessions, workshops, panels, or posters in any of the major topics in the field, including cockpit and air traffic control design, air traffic management, aircraft maintenance, crew management, cognitive processes, physiological factors, stress and fatigue, communication, cultural factors, simulation, and pilot selection and/or training.

One-page proposals describing presentations should be e-mailed to Program Chair Richard Jensen at [rjensen@core.com](mailto:rjensen@core.com) by *July 31, 2006*. Panel or full session proposals should include a one-page description, plus a list of potential contributors and corresponding e-mail addresses. More information may be found at the ISAP Web site at <http://www.wright.edu/isap>. ☉

## SHORT COURSES

### Workshop and CIE/CHFEP/CAE Exams

The Oxford Research Institute is holding a two-day human factors/ergonomics continuing education workshop, “Advanced Ergonomics and Injury Prevention: Theory, Practice and Litigation Issues,” July 28–29, 2006, in Reno, Nevada. In addition to covering advanced topics in HF/E, Oxford Research Institute will also offer professional certification in industrial ergonomics or human factors engineering. Certification will be offered for the Certified Industrial Ergonomist (CIE), Certified Human Factors Engineering Professional (CHFEP), and Certified Associate Ergonomist (CAE) exams.

Applications for certification should be submitted at least two to three weeks prior to *July 28, 2006*, to provide ample time to evaluate the application and work products to determine eligibility for either the CIE or CAE exams.

For more information about the workshop and certification exams, contact Bill Banks, Oxford Research Institute, 6801 Accipiter Dr., New Market, MD 21774, 301/524-3895, [billbanks@oxfordresearch.org](mailto:billbanks@oxfordresearch.org), <http://www.OxfordResearch.org>.

**Summer 2006 Human Factors Engineering Short Course**, July 24–30 and July 31–August 4, 2006, Ann Arbor, MI. Paul Green, University of Michigan, 2901 Baxter Rd., Ann Arbor, MI 48109-2150, 734/763-3795, [pagreen@umich.edu](mailto:pagreen@umich.edu), <http://cpd.engin.umich.edu/>. ☉

## MIT Humans and Technology Symposium

By *Enlie Wang, MIT Postdoctoral Associate*

The Massachusetts Institute of Technology (MIT) Humans and Automation Laboratory hosted the Humans and Technology Symposium, held from January 22 to 28 for members of the MIT and local human factors communities interested in human-centered technology design, research methods, and practices. The symposium provided a unique opportunity to see state-of-the-art research in human factors, human-computer interaction, and related fields in an informal and collaborative environment.

With the support of the MIT Department of Aeronautics and Astronautics and generous sponsorships from Charles River Analytics, Inc., Mitsubishi Electric Research Laboratories, and Rite Solutions, the Humans and Technology Symposium sessions were open and free to the public. MIT Professors Missy Cummings (director of the Humans and Automation Laboratory) and Wesley Harris (head of the Aeronautics and Astronautics Department) gave the keynote speeches in the opening session and welcomed 32 invited international and national speakers to give a series of individual talks in two formats: one- to two-hour informational lectures and three- to four-hour instructional tutorials.

Topics covered human factors issues in system design, technology development, human performance modeling, and human-systems integration. Some featured topics of the symposium included the following:

- Human factors of unmanned aerial/ground vehicles, including historical trends and multivehicle systems
- Design issues and methodologies for collaboration technologies (including military, design, and corporate settings); medical technologies; and technologies for alternative user populations (elderly, disabled, etc.)
- Design methodologies for decision support interfaces
- Supervisory control and team (human and robots) collaboration
- Situation awareness and interruption recovery
- Human-systems integration in complex task settings
- Human performance modeling

The complete list of speakers and topics, as well as the online proceedings, may be found at the symposium Web site, <http://web.mit.edu/aeroastro/www/labs/halab/symposium.html>.



*Nancy Cooke giving a lecture at MIT Humans and Technology Symposium.*





## NYU Graduate School of Arts and Science

### Program of Ergonomics and Biomechanics (ERBI)

New York University offers MS and PhD degrees to students who seek advanced understanding of the complex individual and environmental interactions that lead to musculoskeletal injury, disease and disability.

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The program is managed by the **Occupational & Industrial Orthopaedic Center** at NYU Hospital for Joint Diseases. For more information visit: [www.nyu.edu/gsas](http://www.nyu.edu/gsas).

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# USABILITY THROUGH STORYTELLING

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**Steve Denning**, Senior Fellow, James McGregor Brooks Leadership Academy

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**Kevin Brooks**, Senior Staff Researcher, Motorola Labs

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For more information and to register, see UPA's website, [www.usabilityprofessionals.org](http://www.usabilityprofessionals.org)

**upa**

LATEST FROM HFES:

## Reviews of Human Factors and Ergonomics, Volume 1

Edited by  
**Raymond S. Nickerson**

The Human Factors and Ergonomics Society is proud to announce the publication of the first volume in a new annual series, *Reviews of Human Factors and Ergonomics*. The series is intended to condense human factors/ergonomics knowledge in specific subject areas into a form that will provide HF/E professionals with a comprehensive understanding of each topic – its current state, important new research findings and technology, and current issues and research needs. In addition, the series seeks to inform specialists outside the HF/E community and laypersons who have an interest in the problem areas addressed.

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## Reviews of Human Factors and Ergonomics

VOLUME 1

Edited by  
Raymond S. Nickerson

PUBLISHED BY THE HUMAN FACTORS AND ERGONOMICS SOCIETY

"The long-range objective of *Reviews of Human Factors and Ergonomics* is to provide a major resource for researchers, practitioners, and other potential users of human factors and ergonomics research findings. We hope that as the volumes accumulate, the series will become the first place one thinks to look for extensive reviews of the various areas of HF/E work." — *From the Preface by Raymond S. Nickerson*

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# Bulletin

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