Greetings EDTG!

I hope that this newsletter finds you all in good spirits. My name is Beth Phillips and I am the new newsletter editor. Let me just say that I am very excited to be taking on this role as I feel this TG has a lot to offer the society and its members.

About me:

I’m a tweeter, G+ -er, and more recently an Open IDEO contributor. So, over the course of the next few months, I will be enthusiastically using these resources to find relevant job postings, articles, and other points of interest happening in the environmental design community. I might also make an occasional reference to Game of Thrones as well. Please forgive me.

Lastly, I am here to serve you. So, if you have ideas for submissions, would like to write an article, or have advice for how to serve you better, please feel free to contact me.

With that said, please enjoy the first issue of the 2012 newsletter… and House Celgane all the way!

Contact me: ephilips@knights.ucf.edu

Job postings, ect. #Environmental Design

A quick Twitter search for #Environmental Design turned up the following job postings and points of interest.

Points of Interest:

- Job postings
- A call for papers
- Sustainability is the next “hot” item for the HF/E community

Inside this issue:

- Welcome message from the editor
- Jobs and points of interest
- Designing for Global Environment Solutions
- Jobs and Points of interest cont.
- Join us for the next HFES webinar
- Call for papers. Work.
Designing for global environmental solutions

Pardon the pun, but the next “hot” item in the HFES community may very well be sustainability, environmental climate change, and global warming. More specifically, how the science of Human Factors and Ergonomics (HF/E) can contribute to solutions to this problem. Recent years have shown an increased presence of these ideas and exchanges at the Annual Meeting (Ahram, Amaba, & Karwowski, 2010; Hedge, Robinson, & Rollings, 2010; Woo, Helton, & Russell 2010; Phillips, Sellers, & Fiore, 2010). A recent call for a special issue in the journal WORK further highlights a growing trend (See call on page_ of this issue). Frankly, this excites me, not only because it’s a personal interest but because it may present a unique means by which our small community can get others motivated about HF/E as well. Addressing underlying design dimensions of global environmental problems may present an opportunity for broadening the scope of Human Factors and Ergonomics Society and a widening of the field’s reach within the scientific community.

The design of products, packages, environments, and to some extent whole systems can be a significant hurdle to living sustainably. For instance, deciding to start a recycling campaign in your neighborhood requires that recycling facilities actually exist in your area. As our members are uniquely versed in overcoming design hurdles, we are an untapped resource that may be able to provide excellent contributions to global climate solutions. Our researchers can help to address design dimensions of these problems by applying our understanding of human behavior and performance toward shaping technologies and systems in a way that is both user friendly and more environmentally sustainable.

For instance, members of this technical group in particular, may be able to integrate their specialty of designing work environments with designing built environments in larger residential, business, or transportation settings like designing built elements surrounding cycle paths and other pedestrian areas.

In similar vein, past research has supported the idea that it is certainly possible to design transportation facilities that elicit desired behaviors like adopting cycling, as a means of commuting (Gårder, Leden & Pulkkinen,1994). These researchers found that raising cycle paths 4-12cm at four different intersections in Gothenburg, Sweden increased the path’s use by 50%, compared to the existing path. The study also concluded that the effects of the raised crossings most likely reduced risk to cyclists around 30% as opposed to the previous convention in which cyclists road either on or parallel to the roadway. In my hometown Central Florida, where the temperature outside reaches 90°F in April, something as simple as integrating shade trees into the environments surrounding these paths could be a large step forward into encouraging people to bike more and drive less.

Also, I think it is worth mentioning that, the concept of sustainable development itself may be considered human-centric, as it is a pattern of resource use that aims to meet human needs while preserving the environment for future generations. By designing with the global environment in mind, one is indeed designing with the human in mind as the potential environmental consequences may have a substantial impact on humans across the world.

With this unique opportunity, we must ask ourselves, what is the most effective way to apply our knowledge toward curbing human causes of environmental harm? In the same respect, can we integrate our various specialties from different human factors communities to further these insights? As specialists, we have the ability to find ways to change technology so that it is equally effective and user centered while doing less harm to the environment. This problem space represents a new way for our community to expand its expertise and contribute in a meaningful way. As such, there is a need for human factors scientists to start discussing dimensions of environmental problems and how we can help to ameliorate these problems for future generations.

Article by Elizabeth Phillips ephillips@knights.ucf.edu
Frost*Design is looking for a dynamic and creative Account Manager to join our Environments team. The AM will work across a range of environmental projects through their life cycle from strategy and concept design to documentation and construction. Projects include branding and environmental graphics, signage and wayfinding, architecture and interior design.

We require someone with an interest in design applied throughout the built environment, architecture and/or interior design, keen to develop a strong understanding of the processes and functionality associated with the planning for and development of signage and environmental graphics.

**ROLE**
- Reports to the Account Director and is primarily responsible for supporting the AD in the management and delivery of multiple projects.
- Is a core part of the project management team and is responsible for liaison with clients at most levels to ensure clear communication, timely responses and effective delivery on agreed client expectations.
- Usually responsible for the development of estimates and proposals (with the support of appropriate production and creative resources), timelines, project plans, contact reports, billing and invoicing. May also be involved in developing presentations, attending workshops and being a support to the account management team overall with new business.

**CONTACT**
We are looking for an inspiring candidate with 2-3 years experience, who can help make a difference to our business. We ask if you are interested to write a covering letter outlining why you would like to join our team along with your resume to jobs@frostdesign.com.au


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**Tu Delft University of Technology**

**Description**

The Applied Ergonomics and Design section within the Faculty of Industrial Design Engineering has a vacancy for a full Professor of Environmental Ergonomics. The Environmental Ergonomics chair will play a key role in the expansion of research related to human-environment interaction within the user experience programme, specifically in the theme of ‘Comfort, Usage and Safety’.

The main focus is on the investigation and design of the interaction between the human being and the environment in both an individual and societal context, and how this relates to product design and product service systems design.

**Specifications**

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<td>Location</td>
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<td>Function types</td>
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Available at: [http://www.academictransfer.com/](http://www.academictransfer.com/)

**Requirements**

- A PhD or an equivalent demonstrable level of experience in a specific domain of Environmental Ergonomics related to design.
- Demonstrable knowledge of and experience in translating scientific knowledge into design models, guidelines, procedures or products and interfaces of use in design practice.
- Knowledge of design practice, and experience in evaluating products and environments.
- A substantial record of publications

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**Sign up for the next HFES Webinar**

Weather Forecaster Decision-Making and Severe Weather Warning Communication

Presented by Ellen J. Bass, U. of Virginia

Monday, July 30, 2012
9:00-11:00 a.m. Pacific / 10:00-12:00 noon Mountain / 11:00 a.m.-1:00 p.m. Central / 12:00-2:00 p.m. Eastern

In this webinar, Bass will describe the severe weather warning process and highlight how radar data support this process. She will focus on the human factors/ergonomics issues related to radar product interpretation, warning generation, and dissemination. She will describe the limitations of current radar systems and their impact on the warning process as well as introduce new low-cost radar systems.

Call for papers: “Green Ergonomics”

WORK: A Journal of Prevention, Assessment and Rehabilitation (IOS Press)

Papers in this special edition of WORK will focus on the area of green ergonomics, including sustainable development and design, and broad concepts of the intersection of ergonomics and sustainability. Papers can identify complexities of issues that need to be addressed to advance a research framework to support and enact change. Research papers (conceptual, methodological, and empirical); Case studies (3-10 double spaced pages); Conceptual, theoretical approaches and/or methodological papers (10-20 double spaced pages); Research papers (15-30 double spaced pages), will be considered.

On the cover page: Primary contact person’s name, phone, fax, email and mail address; Title of paper; Names and affiliations of all authors; A 200 word abstract (background or statement of problem, approach or method, findings/results, conclusion); 5 keywords; Date of submission.

Deadline: August 1, 2012.
Correspondence to: Julie Dorsey,
jdorsey@ithaca.edu
607-274-1078

Available at:
http://otconnections.aota.org/forums/t/14088.aspx

Join us at the 2012 Annual Meeting

We hope to see you at this year's Annual Meeting of the Human Factors and Ergonomics Society.

If you are an author, please remember that final submission materials are due on July 16th.

Also, you can visit https://www.hfes.org/Web/HFESMeet-ings/2012annualmeeting.html for more information. There you can find a speaker kit, login to the submission site, and make a room reservation. See you in Boston!