

Communiqué

Newsletter of the Southern Ohio Chapter, Human Factors & Ergonomics Society

Volume 34 Issue 1

February 2006

Mailing Address: Southern Ohio Chapter HFES, P.O. Box 31052, Dayton, OH 45437-0052

Web Site <http://www.cs.wright.edu/sochfes/>



SOH President's Column



The Executive Council has been working very hard behind the scenes lately, having recently completed our year-end reporting requirements to the National HFES. National requires each chapter to submit not only an annual summary of the year's activities for inclusion in the membership directory, but also a year-end financial report and membership roster and statistics. For those interested in statistics (aren't we all?), our Chapter boasts 5 students, 17 associates, 39 full members, 6 fellows, for a total professional membership of 67, making us one of the largest chapters in the society! We're also one of the most active, hosting 5 bi-monthly meetings per year while also providing judges for the West District Ohio Academy of Sciences Science Day. We also developed a Human Factors brochure that was sent to all middle and high schools in the area to educate and encourage students in the human factors discipline.

Now I know what you're all thinking... "How can I get in on all of that cool action?" Well, for one thing, we could use some volunteer science fair judges this year on 18 March. For the past 5 years, our chapter has provided judges and has made monetary awards to students at the District #10 Science Day held at Central State University. Dr. Glenn Wilson has enthusiastically organized this effort for the past few years. If you'd like to help out, contact Glenn at 937-255-8748 or glenn.wilson@wpafb.af.mil.

How else might you get involved, you ask? It could be as simple as showing up for the next meeting in March, conveniently located at Wright State University. Dave Barry (no relation, though he did once apologize to me for any family genetic abnormalities) once wrote "If you had to identify, in one word, the reason why the human race has not achieved, and never will achieve, its full potential, that word would be 'meetings'." OK, funny, but in our case, we do hold the business part of the meeting to less than 3 minutes, then always have an interesting technical presentation. Details on the March meeting can be found in the following pages. I hope to see you there.

Tim Barry
SOH President



**Invited Speaker!!!
Brown-Bag Lunch**

Human Factors and Ergonomics Society/Southern Ohio Chapter

Flach, Golshani, Vernooy, & Wheatly

Wright State University

Technology-based Learning with Disabilities

**Wednesday, 15 March '06, 1130-Wright State Univ.
Rm 339, Fawcett Hall Presentation starting about 1145**

Wright State University recently received a large award from NSF under the IGERT (Integrative Graduate Education and Research Traineeship) Program to support a graduate concentration in the area of Technology-based Learning with Disabilities (LWD). This is an interdisciplinary concentration involving four doctoral programs: Biomedical Sciences, Human Factors/Industrial Organizational Psychology, Engineering, and Computer Science and Engineering. The Learning with Disability program incorporates three interconnected and interdependent research efforts:

- understanding the basic biology, nature and development of human abilities,
- exploring the opportunities afforded by advanced technologies to expand human capabilities through multimodal interfaces and enhanced visualizations, and
- addressing the practical problems of the design of human-technology systems that broaden and enhance learning experiences.



The speakers will give an overview of the new graduate concentration and describe some of the work that is currently underway at Wright State to improve learning opportunities for people with disabilities. More information about the LWD program or about the speakers can be obtained through the program website: <http://www.wright.edu/lwd/>.

Wright State University Speakers:

John Flach Professor & Chair of Psychology

Forouzan Golshani Professor & Chair of Computer Science & Engineering

Jeff Vernooy Director of the Office of Disability Services

Michele Wheatly Professor of Biology & Dean of the College of Science & Mathematics

Directions: WSU is between visitor's parking lot on north side & Colonel Glenn Hwy on south side. Roads entering campus off Colonel-Glenn, University Blvd. (across Wendy's) & Center/Loop, have signs to Visitor Lot #9. From lot, walk towards campus. You'll be facing Allyn Hall. Fawcett (Room 339A) is on the other side of Allyn, across from the mall area. Bring Parking Ticket for stamping! Questions: Greg Barbato at 937-255-6670.

Map available at http://www.wright.edu/aboutwsu/maps/map_bw1.html.

Science Fair Judging

For the last few years, our Chapter, together with the local chapter of the Society for Information Display (SID), has presented awards for outstanding Human Factors/Information Display projects at the West District Science Fair. SID foots the bill and our Chapter judges the projects and makes the awards. We'd like to repeat this process this year! Veteran judge Glenn Wilson has agreed to again coordinate our Chapter's contribution to this event. Given there are lots of projects, please check your calendar now for Saturday, March 18 and contact Glenn if you can help at Central State University, Wilberforce, OH. I think everyone involved in past years would agree that this is an enjoyable and rewarding experience. Yes, you'll be sacrificing a Saturday morning, but you will leave with a good feeling that you've made a contribution to our youth and profession. Never judged before? Don't worry; you'll have guidelines and be teamed with another judge. So, PLEASE offer your services to Glenn Wilson, coordinator (255-8748; <mailto:glenn.wilson@wpafb.af.mil>).

First Chapter Dues Notice

To date, our Chapter has had a very informal process of asking for dues payment repeatedly in the Communiqué and not enforcing a deadline until "keep or delete" decisions have to be made for updating the Directory. With folks making payments across almost the whole calendar year, it is easy for folks to lose track of what year one is paying for! To help minimize this confusion, the Executive Officers decided on a different approach. This article in the Communiqué constitutes your "First Dues Notice". Dues for the "Southern Ohio HFES Chapter" (\$10 members, \$5 full time students) should be given to a Chapter officer or mailed to the Southern Ohio Chapter HFES, P.O. Box 31052, Dayton, OH 45437-0052. (Contact info can be updated with the attached form.) Honorary Members are exempt, as well as new members (Draper, Nelson, Palmer, and Ruff) and those who have already paid for 2006. A "Second Dues Notice" will be sent via email to those who don't respond. A final "Third Dues Notice" will be snail mailed at some point.

So, to avoid more mail, pay your dues now!!

John Reising Retires

Our current Treasurer and a Fellow of our local Chapter has retired! Fortunately, he has not retired from service to our Chapter and now has even more time to devote to his office of Chapter Treasurer! John has sent us a note to relay to you:



After 37 years at Wright-Patterson Air Force Base, I'm retiring. I began my career when aircraft cockpits were composed of electromechanical "knobs and dials". I worked on the Digital Avionics Information System cockpit which replaced the knobs and dials with cathode ray tubes. We had to create not only the display formats but also the logic trees and menus that would enable control of the system. You will recognize this control implementation on ATM machines. As I end my career, we are just beginning to design ground-based operator stations for aircraft which are uninhabited by human beings. This is very exciting research; I wish I were starting all over again.

I'm not going out to pasture. I'm available for full or part-time employment.

If you wish to contact me, my e-mail address is jmreising@msn.com. My phone number is (937) 233-7979. John

Welcome Robert Turner - New Chapter Member!

Welcome to Robert Turner, our newest Chapter member! Robert is wrapping up his Masters at Xavier University. His thesis addresses the role of episodic trace retrieval (working memory) on location negative priming. Specifically, he is disrupting working memory during a computer-based spatial target localization task and then measuring the effect of this manipulation on localization reaction times. The data will help determine whether episodic trace retrieval plays a vital role in location negative priming or not.

Robert is originally from Dallas, TX and is a huge fan of the Stars (NHL) and Cowboys (NFL) (and follows several college sports). He obtained his BA in psychology from Mississippi State. It was later employment in an applied cognitive sciences lab that turned him on to human factors. One of his several interesting projects was for the Navy and involved developing a virtual weather forecasting HUB where pilots could go to receive customized weather info before taking flight. He also worked on a collaborative effort with the computer science department to create a robot designed to test computer software. Combining this new interest in human factors with a lifelong interest in space exploration and aviation (his childhood dream was to become a NASA astronaut), he hopes to now focus on audio-visual display/processing for aerospace applications in some Ph.D. Human Factors Psychology program.

In Robert's spare time, he enjoys traveling, reading, fly fishing, playing softball, and spending time with friends in the local pubs. Robert can be reached at trturner@gmail.com.

Invitation from our Neighbor HFES Chapter, TriState, to 2 Events!

16 March, 6pm Tour: Hill-Rom, 1069 State Route 46 East, Batesville IN

Hill-Rom (www.hillprom.com) offers a wide variety of products and services to assist in the safe delivery of efficient health care. Attendees will view a show room which features mock ups of hospital rooms and other settings to interact with products. Tour will be after pizza and snacks. RSVP to Kermit Davis, 513.558.2809 or Kermit.davis@uc.edu by March 13th, 5 pm. Email Gloria.calhoun@wpfab.af.mil for full flyer. Hill-Rom is about a 2 hour drive from Dayton.

17 April, 6 pm Speaker/Poster Meeting, Miami University, Oxford OH

Speaker: Dr. Marvin Dainoff, President of HFES & Professor Emeritus of Psychology, Oxford

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Presentation Title: "Board Certification in Ergonomics – an Update"

Student Poster Session: students from Tri-State area will present posters of their research

Poster sign-up deadline is April 14th.

At 6 will be a social, 6:30-7:00 dinner (nominal fee), 7-8 speaker & posters.

RSVP to Leslie MacDonald by noon, 25 April at 513.841.4529 or lmacdonald@cec.gov

Email Gloria.calhoun@wpfab.af.mil for full flyer. Oxford is about a 1 hour drive from Dayton.

More Upcoming Events Outside of SOH

Apr 12-13, 2006
Apr 17-21, 2006
Apr 22-27, 2006
May 13-18, 2006

Integrated Sensing Decision Support (ISDS), Lexington, MA, <http://www.ll.mit.edu/ISDS>
SPIE, Orlando, FL, <http://spie.org>
CHI – Human Factors in Computing Systems, Montreal, Canada, <http://www.chi2006.org/>
American Industrial Hygiene Conf (AIHce), Chicago, IL,
<http://www.aiha.org/Content/CE/aihce/aihce-info.htm>

May 14-19, 2006	77th Annual Scientific Meeting of the Aerospace Medical Association , Orlando, FL, www.asma.org
May 15-18, 2006	BRIMS 15th Conf on Behavior Representation in Modeling & Sim , Baltimore, MD, http://www.sisostds.org
May 23-24, 2006	Ergonomics Principles for Workplace Assessment and Design , Lansing, MI, http://www.engin.umich.edu
May 24-26, 2006	Third Annual Human Factors of UAVs Workshop , Mesa, AZ, www.cerici.org
Jun 4-9, 2006	Society for Information Display , San Francisco, CA, http://www.sid2006.org
Jun 12-16, 2006	UPA 2006, Usability through Storytelling , Broomfield, CO, http://www.upassoc.org/conferences_and_events/upa_conference/2006/index.html
Jun 21-23, 2006	Eastern Ergonomics Conf & Exposition , Boston, MA, http://www.ergoexpo.com/EECE/
Jul 10-14, 2006	IEA 2006 International Ergonomics Association , Netherlands, http://www.iea2006.org/
Jul 26-29, 2006	28th Annual Meeting of the Cognitive Science Society (CogSci) , Vancouver, BC, Canada, http://www.cogsci.rpi.edu/~rsun/cogsci2006/
Jul 29-Aug 4, 2006	5th World Conf on Biomechanics , Munich, Germany, http://www.wcb2006.org/
Jul 30-Aug 3, 2006	ACM Siggraph Intern Conf on Computer Graphics & Interaction Techniques 2006 , Boston, MA, http://www.siggraph.org/s2006/
Aug 21-24, 2006	AIAA Modeling and Simulation Technologies Conf , Keystone, CO, http://www.aiaa.org/
Aug 29-31, 2006	AUVSI's Unmanned Systems 2006 , Orlando, FL, http://www.auvsi.com
Sept 6-9, 2006	30th Meeting of the Am Society of Biomechanics , Blacksburg, VA, http://asb2006.org
Sept 19-21, 2006	Space 2006 , San Jose, CA, http://www.aiaa.org/
Sept 27-28, 2006	9th ERCIM Workshop User Interfaces for All , Bonn, Germany, http://www.ui4all.gr/workshop2006/
Oct 8-11, 2006	IEEE Intern Conf on Systems, Man, & Cybernetics, SMC , Taipei, Taiwan, http://ins.cn.nctu.edu.tw/smc2006/
Oct 11-14, 2006	9th Annual IEEE International Symposium on Wearable Computers , Montreux, Switzerland, http://www.cc.gatech.edu/ccg/iswc05/
Oct 15-18, 2006	18th Annual ACM Symp on User Interface Software & Technology (UIST 2005) , Montreux, Switzerland, http://www.acm.org/uist/
Oct 16-20, 2006	50th HFES Annual Meeting , San Francisco, CA, http://hfes.org/
Oct 23-25, 2006	44th SAFE Symp , Reno, Nevada, http://www.safeassociation.com
Dec 4-7, 2006	Interservice & Industry Training, Sim & Education Conf , Orlando, FL, http://www.iitsec.org/
Apr 23-26, 2007	14th International Symposium on Aviation Psychology (ISAP) , Dayton, OH, http://www.wright.edu/isap/ Southern Ohio Chapter is one of the local meeting hosts!!!!
Jul 22-27, 2007	12th Intern Conf on Human-Computer Interaction , Beijing China, http://www.hcii2007.org/

SOH Chapter Info

SNAIL MAIL: Southern Ohio Chapter HFES, P.O. Box 31052, Dayton, OH 45437-0052

WEB SITE: <http://www.cs.wright.edu/sochfes/> — Includes Membership Application!!!

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Southern Ohio Chapter (SOH)
Human Factors and Ergonomics
Society (HFES)
 P.O. Box 31052
 Dayton, OH 45437-0052

Membership Form: Application, Renewal, and Update

DIRECTIONS:

- To apply for new membership, fill all blocks, including those on the back of this form.
- To renew membership, fill first block only.
- To update directory information, fill first block and indicate changes in other blocks as appropriate.

PLEASE TYPE OR PRINT CLEARLY!!
 Send completed form and payment to address on the left.

Name:	_____	YEAR
	First name or initial, middle name or initial, last name.	200__

Employer Address:	Company _____	
	Street _____	
	City _____	
	State/Zip OH	
	Phone _____	

Home Address:	Street _____	
	City _____	
	State/Zip OH	
	Phone _____	

Email Address:	Work:
Optional: Home email:	_____
Personal Website:	_____
Work/Company/Organization Website:	_____
Personal (resume) Website:	_____

Preferred Mailing Address:	<input type="checkbox"/>	Work	<input type="checkbox"/>	Home
Preferred Phone:	<input type="checkbox"/>	Work	<input type="checkbox"/>	Home
Preferred Email:	<input type="checkbox"/>	Work	<input type="checkbox"/>	Home
Send Email Meeting Reminders:	<input type="checkbox"/>	Yes	<input type="checkbox"/>	No

Membership Status:	HFES	<input type="checkbox"/>	Member	<input type="checkbox"/>	Associate	<input type="checkbox"/>	Affiliate
		<input type="checkbox"/>	Fellow	<input type="checkbox"/>	Not a member	<input type="checkbox"/>	Student
	SOH	<input type="checkbox"/>	Member	<input type="checkbox"/>	Associate	<input type="checkbox"/>	Student
(Membership categories on back.)		<input type="checkbox"/>	Honorary	<input type="checkbox"/>	New		

Willing to Consult?	<input type="checkbox"/>	Yes	<input type="checkbox"/>	No
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Degree(s) , Major, College, Year:	
(maximum of two)	

Work Specialties/Interests:	
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<i>Office Use</i>	Date paid: ___/___/___	Amount paid \$ _____	Check # _____	Dues for 200 _____
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