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We are grateful to all of our officers for their time and effort in serving the division. If you are interested in becoming active in the division, please contact me: pat.delucia@ttu.edu

Division of Applied Experimental and Engineering Psychology: Division 21 of the American Psychological Association

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Message from the President

By: Patricia R. DeLucia

Much has been achieved by Division 21 over the past year, and more is on the horizon.

Anne McLaughlin has organized a fantastic program for the annual APA convention in Washington, D. C., including topics in aviation, driving, and health care. The program summary is included later in this newsletter. Thank you, Anne!

Division 21 co-sponsored the 2011 Human Factors & Applied Psychology Student Conference at Embry-Riddle Aeronautical University in Daytona Beach, Florida on April 7, 2011. The keynote speaker was Frank Durso, past president of APA Division 21. The conference was a great success! More details follow in this newsletter.

Division 21 also sponsored the important National Academy of Sciences' Board on Human Systems Integration (formerly the Committee on Human-Systems Integration and, before that, the Committee on Human Factors). The director of the Board, Barbara Wanchisen, will give a presentation as part of Division 21's program at the APA convention.

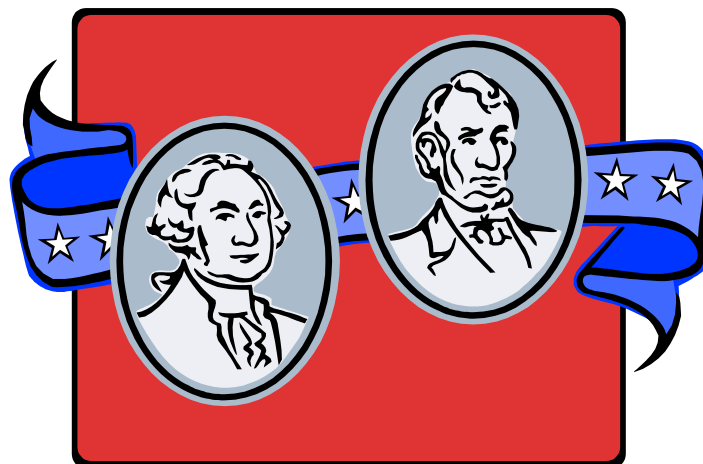
As part of an initiative to recruit new members to Division 21, we offered free one-year division memberships to students and APA members, and wrote to department chairpersons to solicit nominations of new PhDs to receive this free membership. We also worked with APA's International Office to recruit international members. As part of this initiative, the Immediate Past President (Hancock), Residing President (DeLucia), and President-Elect (Warm) wrote an article about Division 21 which was published in the April, 2011 issue of APA's *Psychology International*.

To further publicize Division 21, Dave Schroeder submitted a proposal for APA's Science Showcase. It was one of three proposals selected for the showcase, which will take place at the APA convention. More details follow in this newsletter.

Other initiatives that are being discussed include a second book on the history of Division 21, involvement of Division 21 in the Human Factors and Ergonomics Society's specialized conference on health care, and revisions to the Division 21 website particularly to attract early career professionals, international members, and underserved populations.

My main objective for this past year was to inform other groups about who we are and what we do. Toward this aim, I focused my presidential address on technology-mediated treatment, commonly known as telepsychology and telemedicine. In this presentation, I elucidate the importance of understanding human-technology interaction when designing and using technologies for the treatment of mental and physical health. In particular, I discuss the implications of relevant findings from engineering psychology for the use of videoconferencing, text-messaging, and virtual environments in treatment. I conclude that engineering psychology is essential for the design and implementation of technologies for effective treatment. The interface between engineering psychology and technology-mediated treatment represents new avenues for collaboration between members of APA Division 21 and members of other APA divisions, particularly clinical and counseling psychologists who provide treatment. The presidential address is scheduled for Thursday August 4, 2011 at 4:00PM in the Constitution Ballroom E of the Grand Hyatt Washington Hotel.

It has been a privilege and a pleasure to serve as the President of APA Division 21. I especially enjoyed working with our officers and members. I hope to see you at Buca di Beppo for our annual tradition of treating members to dinner: Ravioli, chicken parmigiana and cannoli for everyone. Mangia!



New Division Fellow

The Fellows Committee is proud to welcome the division's newest Fellow, **Jeremy Wolfe**. Jeremy is a Professor of Ophthalmology and Radiology at Harvard Medical School. He is a Senior Lecturer in the Department of Brain and Cognitive Sciences at MIT and an Adjunct Associate Professor in Cognitive and

Neural Systems at Boston University. He is the editor of Attention, Perception & Psychophysics and is widely cited for his work in visual attention. He currently serves as President of APA Division 3.

- Frank Durso



2011 Division Awards

The Awards Committee is pleased to announce the recipients of the following awards for 2011. Congratulations to all of these deserving winners.

The Franklin V. Taylor Award for Outstanding Contributions in the Field of Applied Experimental/Engineering Psychology for 2011:

Dr. Frank Durso of *Georgia Institute of Technology*, Georgia, USA.

This is the highest award of the Division and is given for outstanding and sustained contributions over the duration of a career.

The Earl A. Alluisi Award for Early Career Achievement for 2011 :

Dr. Deak Helton of *University of Canterbury*, New Zealand.

This award is designed to recognize early career professionals who have already exhibited a degree of excellence sufficient to mark them as future high level achievers throughout their professional career.

The George E. Briggs Dissertation Award for 2011:

Dr. Deborah Billings, *University of Central Florida*, Orlando, USA.

The Briggs award goes to the student who, in the opinion of a panel of experts has submitted the best dissertation in the area of applied experimental and engineering psychology of the year.

The Journal of Experimental Psychology: Applied Paper Award for 2011:

Matthew A. Palmer, Neil Brewer, and Nathan Weber of *Flinders University*, Adelaide, Australia, for the contribution: Matthew A. Palmer, Neil Brewer, and Nathan Weber (2010). Post-identification Feedback Affects Subsequent Eyewitness Identification Performance. *Journal of Experimental Psychology: Applied*, 16, (4), 387-398.

This award is given for the best paper published in our Journal during the previous year.

Seeking New Members: Free Membership Offers in Division 21

Division 21 is offering free memberships which include a free subscription to the top-tier journal, *Journal of Experimental Psychology: Applied*.

These offers consist of one year of free membership to (a) APA members who are not currently members of Division 21, and (b) Students. Students who become active in the Division during their first year of free membership are eligible to apply for subsequent free years of membership.

To take advantage of these offers, please complete the membership form (http://www.apa21.org/files/Div21_Application.rtf) and e-mail it to our membership chair Ericka Rovira (ericka.rovira@usma.edu). Please write "Free Div 21 membership offer" at the top of the form.



APA Division 21 Mentor Program

Do you have a student seeking a mentor in our profession or are you seeking one yourself? If so, please remember that APA Division 21 has a Mentor program designed just for you. Simply go to the Mentor Directory at <http://www.apa21.org/students/mentor> and select a potential mentor or two. Send a note to DrRonShapiro

ro1981@SigmaXi.Net with a brief bio and a request for the mentor. If you don't find a mentor who meets your exact needs, contact Dr. Shapiro and he'll attempt to locate a mentor with interests similar to yours from our membership. Dr. Shapiro will follow up with you within a week or two (usually less).

If you would like to be a mentor please go to the last page of the mentor directory, complete the mentor profile, and send the completed profile page along with a high resolution head and shoulders photo to Dr. Shapiro. Questions: Contact Dr. Shapiro (DrRonShapiro1981@SigmaXi.Net)



2011 Florida Student Conference for Human Factors and

Applied Psychology

On April 7, 2011 the Student chapter of HFES at Embry-Riddle Aeronautical University (ERAU) in conjunction with the ERAU chapter of Psi Chi and the ERAU Human Factors and Systems Department hosted the 2011 Student Conference for Human Factors and Applied Psychology.

The purpose of the conference was to provide undergraduate and graduate students the opportunity to present their research work in Human Factors and Applied Psychology in a collegial environment and to network with students and faculty with similar research interests. The one day conference included student oral presentations, student poster presentations, a keynote address by Dr. Frank Durso, and a panel discussion about internships and job opportunities. The day ended with a reception, where students had the chance to create new networking opportunities for their future careers.

There were 38 students presenting papers, and 19 students presenting posters. Awards were given for the best undergraduate student paper, best graduate student paper, and the best overall paper. The conference also featured a design competition: "Design/Re-Design". The contest invited students to revise and improve current designs so that they provide a better fit for human needs. Entries were evaluated on criteria such as innovation, creativity, breadth, and the benefits of the design.

Participating institutions were: Florida Institute of Technology, Embry Riddle Aeronautical University, University of Central Florida, University of North Florida, University of South Florida, University of West Florida, The University of Alabama in Huntsville, Lake Mary High School, as well as West-Point Military Academy. There were approximately 50 non-presenting students attending the conference as well.

The conference was a great opportunity to support classmates as well as to meet human factors students and professionals from other universities. Moreover, students gained knowledge of conference submission procedures, conference etiquette, developing presentation slides and posters, delivering material to an unfamiliar audience, and responding to questions. The conference was co-chaired by a faculty-student team: Dr. Beth Blickensderfer, associate professor in the ERAU Human Factors and Systems Department and Mr. Joseph Crimi, graduate student at ERAU.

This conference was made possible by the generosity of our sponsors: APA Division 21, Psi Chi, The Human Factors & System Department at Embry-Riddle, The United States Military Academy, The Society for Human Performance in Extreme Environments, The Human Factors and Ergonomics Society and the Best Western Aku Tiki Resort in Daytona Beach FL.

Upcoming Release of Volume 7 of *Reviews of Human Factors and Ergonomics*

In fall of 2011, SAGE and the Human Factors and Ergonomics Society will release Volume 7 of *Reviews of Human Factors and Ergonomics*, edited by Patricia R. DeLucia. The *Reviews* series aims to provide in-depth reviews of pressing topics in human factors/ergonomics. The chapter authors in Volume 7, who

represent industry, academia, and government agencies, discuss a variety of important practical problems and offer promising ways to address these problems. Topics include driver distraction, in-vehicle auditory displays, human-robot interaction, job analysis techniques for distal upper extremity disor-

ders, affective design, night-vision goggles, human-technology-organizational issues in the maritime domain, and virtual reality system design. Volume 7 will be useful for scientists, practitioners, educators, and students.



In Memory of Hal W. Hendrick

May 13, 2011

Hal Hendrick, who will be long remembered as the Father of Macro-Ergonomics, a great teacher, leader, professor, mentor, author and friend to all in our profession died May 13, 2011 at the age of 78. In addition to being a pioneer in expanding the scope of Human Factors/Ergonomics to include the entire work system environment, Hal was also a pioneer in founding the Board of Certification in Professional Ergonomics (BCPE) and the Ergonomics Without Borders organization. Hal was a leader in the professional community having served as President of The Human Factors and Ergonomics Society (HFES), the International Ergonomics Association (IEA), and the BCPE. He was also a leader in the academic environment having served as a professor and department chair at the University of Southern California (USC), and as a Dean at the Uni-

versity of Denver. He has received numerous awards from HFES as well as the University of Southern California's Highest Teaching Award. In addition to having received numerous awards from IEA and HFES, the HFES international colleague award was renamed for Hal a year ago.

Hal was an APA Division 21 Fellow and an APA Division 21 Mentor offering to help: 1) practitioners to determine the scope of practice opportunities, to identify contacts in specific areas of practice and to prepare for the CPE/CHFP exam; 2) graduate students to prepare for specific work areas, select a PhD program, and to prepare for the CPE/CHFP exam; 3) undergraduate students to select a graduate program and to begin to prepare for CPE/CHFP certification.

A memorial to Hal written by his close friend and colleague Andy Imada is currently posted on the HFES News page (<http://www.hfes.org/web/DetailNews.aspx?ID=234>) and a special issue of the HFES Bulletin honoring Hal will be forthcoming. In addition Hal will be remembered at several HFES sessions at the HFES Annual meeting in Las Vegas in September.

I will continue to think of Hal's 1996 Presidential Address (<http://64.9.213.250/Web/PubPages/goodergo.pdf>) and its title **Good Ergonomics is Good Economics** whenever I am discussing the value of our profession.

- Ronald G. Shapiro, Ph. D.

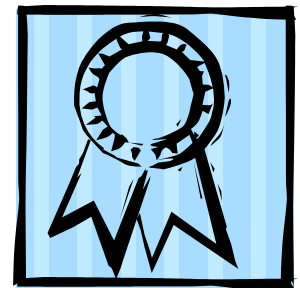
Division 21's Proposal Selected for APA's Science Showcase

Division 21's proposal, "Psychology, Technology and Fatigue Assessment" was one of three proposals to be selected for APA's Science Showcase which will be presented at the APA convention. The Science Showcase will take place on Friday, August 5 and Saturday, August 6 at the Washington Convention Center with times to be determined later. The Showcase will have its own area near the exhibit hall. The presentation will focus on applications of the Psychomotor Vigilance Task (PVT) developed by David Dinges, including a laptop version used to collect data from astronauts. Additional fatigue-related assessment tools also will be on display.

The other selected projects are "Seeing with your ears? Sensory substitution with The vOICe" (submitted by Michael Proulx of Queen Mary University of London) and "Energy research for the smart home: the uci@home project" (submitted by Beth Karlin of the University of California, Irvine).

APA President Melba Vasquez will recognize the three showcase winners at the Convention Opening Session on Thurs Aug 4 from 5-6:30 pm in Level Three Ballroom of the Convention Center.

Dave Schroeder put together the proposal-- Congratulations and thank you, Dave!



Join Us at the Division 21 Dinner!

For those attending the APA convention this year, I hope that you and your partner will join us at Buca di Beppo on Thursday, August 4th at 7 pm (after the Division 21 business meeting). It is the pleasure of APA Division 21 to treat its members for dinner. Buca di Beppo is located at 1825 Connecticut Avenue NW (202-232-8466). Dinner is free for members and \$32.68 for partners or other non-member

guests. Alcoholic beverages are not included. To make dinner arrangements, the restaurant requires an accurate count of who will attend. *Please let me know asap if you plan to attend. I will need the number of Division 21 members and non-members in your party. Send this information to me at pat.delucia@ttu.edu*

- Pat DeLucia

Interview with Dr. Joel S. Warm— President Elect



Dr. Joel Warm is currently a Senior Scientist at the Air Force Research Laboratory at Wright-Patterson AFB, as well as a Professor Emeritus of Psychology at the University of Cincinnati. Warm received his Ph. D. in Experimental Psychology from the University of Alabama in 1966. His career has centered on positions in research and academe.

During his 41 years at the University of Cincinnati, he established the psychology department's graduate program in human factors along with Dr. William N. Dember and has directed 46 doctoral dissertations and 59 master's theses. His work in research has focused on the area of perception with specialization in sustained attention or vigilance. Results of this research can be seen in four books and numerous articles in major journals including the article entitled "A dynamic model of stress and sustained attention" that was named the 9th most influential paper in the history of papers published in *Human Factors*. Some of his notable career activities include holding positions on the Editorial Board of *Human Factors*, and *Theoretical Issues in Ergonomic Science* starting in 1990 and 2001, respectively. Also, he became the Associate Editor of *Human Factors* in 2010. Warm has served as a member of the National Academy National Research Council Committee on Human Factors from 2003–2009, as well as a member of the National Research Council's Panel on Workload Transition from 1989–1990. In recognition of his outstanding work in the field of Human Factors, he has received 12 notable awards or other recognitions. Some of these awards include the 2009 Franklin V. Taylor Award for Outstanding Lifetime Contribution to Applied and Engineering Psychology given by APA Division 21 and the 2005 Paul M. Fitts Award for Outstanding Contributions to the Education and Training of Human Factors Professionals given by the Human Factors and Ergonomics Society. Dr. Warm has also been named a Fellow of the Graduate School at the University of Cincinnati, the Human Factors and Ergonomics Society, the Association for Psychological Science, the American Psychological Association, and the American Association for the Advancement of Science.

1) Can you describe your current research?

My current research continues my work in the area of sustained attention or vigilance. Current projects involve: (I) the use of transcranial Doppler sonography to identify brain systems in vigilance and to determine the psychophysical factors that affect cerebral blood flow velocity in the performance of vigilance tasks, (II) the measurement of eye movements in the performance of vigilance tasks requiring observers to search for the location of critical signals for detection, (III) studies of the role of auditory and visual spatial localization in vigilance performance, and (IV) tests of the resource and mindlessness models of vigilance performance.

2) How did you become interested in Human Factors?

I first became involved in human factors while serving in the U.S. Army at the Army Medical Research Laboratory, Fort Knox, Ky. I was fortunate to be assigned to work with Drs. Glenn R. Hawkes and Michele Loeb, two magnificent mentors who introduced me to the wonders of sensation/perception and psychophysics and how knowl-

edge of these basic science areas could help solve technical problems encountered by soldiers in the field. My interest in human factors was extended during my subsequent doctoral training at the University of Alabama under Dr. George E. Passey, a great teacher whose classes also bonded basic science in sensation/perception to applied human performance issues. The final impetus for my choice of a career in human factors was my post-doctoral training at the University of Louisville under the direction of Dr. Earl A. Alluisi, one of the most distinguished figures in our field.

3) What has been the most exciting part of your career in Human Factors?

The opportunity to influence the lives of young scholars/professional through teaching and mentoring has been one of the two most exciting parts of my career in human factors. The other, is the opportunity to unravel some of the mysteries of perception/attention through research and thereby provide insights that could potentially enhance human performance in operational settings in aviation and other domains in which human factors play a major role.

4) What do you think are the biggest challenges facing the field Human Factors/Engineering Psychology?

In my view, the biggest challenge facing the field of human factors/engineering is our survival as a profession. Based on talks with colleagues and my own direct observations, I believe that the number of undergraduate psychology programs that offer human factors courses and the number of psychology graduate programs in human factors is shrinking and that general public awareness of what we can do is limited. I also believe that our division is not attracting new members at a healthy rate. If these trends are not reversed, our profession could die out in the not so distant future as could our division.

5) What are some of the goals you hope to accomplish during your term as President of Div 21?

A major goal for my presidency is to increase the membership and visibility of Division 21 and to promote human factors education at the undergraduate and graduate levels, and where possible, and even at the K-12 levels to ensure recognition of our profession in future generations. Along this line, I plan to continue the initiative instituted by our outgoing president, Dr. Pat DeLucia, in which we reach out to other larger divisions of APA so that they are more aware of us and what we can offer them, to attract early career professionals to our division, and to continue to develop our website so that it is an attractive benefit for our younger members. I will also seek ways to make our sessions at the annual APA convention more meaningful to our members and potential members.

Games To Explain Human Factors: Come Participate, Learn & Have Fun!!!

As part of its outreach program, Division 21 will be sponsoring the **Games To Explain Human Factors: Come, Participate, Learn & Have Fun!!!** program at the 2011 APA Convention in Washington DC.

While all APA attendees and families with students from middle school to graduate school are invited to the session, the target audience is:

- Secondary school psychology teachers
- Undergraduate students
- Professors and teaching assistants who teach introductory level psychology courses.
- Advisors and officers of psychology clubs and psychology honorary societies.

The **Games** program includes an overview of Engineering Psychology/Human Factors/Ergonomics followed by about 100 minutes of highly interactive, lively classroom activities. Additionally, a 160+ page (10 megabyte) photo illustrated presentation booklet/instructors manual as well as a photo album of the session is emailed to all session attendees upon request.

The **Games** program has been a regular outreach offering of Division 21 at the APA Convention since 2005. The 2011 presentation will be delivered by:

- Arathi Sethumadhavan (human factors professional, Medtronic; Division 21 2012 program chair)
- Eileen McKenna (high school psychology teacher, Shawnee High School, New Jersey)
- Laura Whitlock (graduate student, North Carolina State University)
- Melissa Robin (undergraduate student, president of Psi Chi, University of Central Florida)
- Ron Shapiro (human factors professional, Ronald G. Shapiro, Ph. D.)

Please help to promote this program by encouraging colleagues, students and other potentially interested participants to attend. You may request business card size reminder cards for this program by contacting DrRonShapiro1981@SigmaXi.Net.



Cathleen Greenan, Psychology Department Faculty at Dutchess Community College, participating in the **Games** program at the Eastern Psychological Association Annual Meeting in Cambridge MA.

Division 21 members who are unable to attend may request a copy of the program for not-for-profit use by sending an email including requestors name, affiliation and intended use of the materials to DrRonShapiro1981@SigmaXi.Net. Please be sure that the email account requesting the program can accept 10 megabyte files.

This 2011 Program will be presented on Friday, August 5, 2011 from 4:00 PM until 5:50 PM in Room 209A of the Walter E. Washington Convention Center.

- Ronald G. Shapiro, Ph. D.

APA Council of Representatives Report

Submitted by Regina Colonia-Willner, Division 21 Council Representative

I. Summary of actions taken at the February 2011 Council of Representatives meeting.

New Dues Schedule

Council voted to allow doctoral-level members of APA to see their dues reduced next year. In addition to passing a \$40 reduction to the annual full members' dues, we adopted six new or revised guidelines. The reduction in full members' dues, from the current \$287 to \$247 beginning in 2012, is part of an overall redesign of the association's dues schedule as proposed by the Membership Board.

The revised schedule moves the association from a dues schedule based on discounts for specific constituency groups to reduced costs for all full members. Early career members will still enjoy reduced dues for their first eight years of membership. This action rescinds a 2011 Council decision to grant a \$25 dues discount to APA members who are also members of the Federation for the Advancement of Behavioral and Brain Sciences, the Association for Psychological Science, the Society for Neuroscience, the state, provincial and territorial psychological associations and the four national ethnic minority psychological associations. The Council also approved in principle changes to the current eligibility requirements for life status members. These changes require amendments to the Association Rules and By-laws and therefore will be put before a vote of the full membership this fall.

Financial Report for the year 2010

The Association's total operational revenues were \$106,567,900, and total operational expenses \$99,908,700. Revenues: (1) Member and dues fees: Membership dues have continued to decline and were below the original budget by approximately \$700,000. (2) Journal Subscriptions/Licensing: The continuing migration of print subscribers to electronic products is reflected in the decrease in journal revenue as related to the increase in licensing revenue. This decline is most significant in institutional subscriptions. Licensing sales are expected to meet or slightly exceed the original budget. Membership dues have historically been declining and the 2011 Budget reflects that continuing pattern. Journal subscriptions have also historically been declining and the 2011 budget reflects that continuing pattern.

Expenses: Significant salary and benefit savings have allowed the Association, with the Board's approval, to implement a retroactive 3% merit increase for staff as well as restoring the 2% retirement contribution. In addition, these categories have contributed \$1.3M to the operating margin. Overall, the Association has seen continued conservative spending throughout the expense budget. The most significant savings are in Publication Production (\$1.4m), Consulting & Contractual (\$2.1m), Special Projects (\$1m) and Office Expenses (\$1m). Real State: buildings provide approximately \$6M in cash flow to support the APA in a variety of ways at the discretion of Governance. Buildings have contributed \$40.4M to the APA since 2003. The APA and 10G Street buildings have not been affected by the current economic environment, i.e. fully leased – no defaults. In APA neighborhood, the Capitol Hill/NoMA District, over 1.3 million square feet has been rented by the Federal Government in 2010. These are indicators of the increasing value of APA buildings.

The Council Approved the 2011 Association Budget: Operating expenses: \$106,857,300. Forecasted revenue: \$106,877,300.

APA Council of Representatives Report

Submitted by Regina Colonia-Willner, Division 21 Council Representative

In other actions, the Council:

- Voted to allow the publication of diplomate credentials in the APA Membership Directory if the credential is in a specialty or proficiency area that is officially recognized by APA through its Commission for the Recognition of Specialties and Proficiencies in Professional Psychology and meets other criteria as established by the Council's vote. These criteria include that the credential is offered by a non-profit group and is awarded based on a review and verification of the individual's training, licensure, ethical conduct status and an assessment of the candidate's competence in the specialty area by way of an examination.
- Adopted as APA policy the Principles for Quality Undergraduate Education in Psychology. These principles replace an earlier version and are an outgrowth of the 2008 APA National Conference on Undergraduate Education in Psychology. The guidelines articulate a set of learning goals and outcomes that should be attained by all psychology majors. See the full guidelines at <http://www.apa.org/ed/precollege/about/psymajor-guidelines.pdf>
- Adopted a resolution affirming APA's recognition of the importance of the psychological aspects of the way humans relate to the environment and supporting psychologists' involvement in research, education and community interventions in improving public understanding of global climate change impacts and ways in which psychology can help mitigate those impacts.

Convention Task Force – Recommendations and Implementation:

Appointed by APA President Carol Goodheart in March 2010, the Task Force mission is to address chronic problems with the convention including poor quality control, poor session attendance, and scheduling conflicts. The APA Convention Attendance Statistics shows that 10,000-15,000 individuals attend the Convention. Only half of attendees are APA members, associates, or affiliates. In 2010, 38% of APA member attendees had no divisional affiliation. Only 3-4% of APA members attend the convention which offers over 2000 programming hours. In 2010, 1362 Division hours, 298 APA Governance groups hours, and 375 CE workshop hours were offered. A 2008 attendance analysis found 35% of sessions had ≤ 25 attendees and only 5% of sessions had ≥ 100.

The Council examined the 2010 Convention Task Force Report Recommendations and voted the implementation of the following:

- Increase the number of programming hours around cross-cutting themes.
- Decrease the total number of programming hours.
- Provide training for Division President-Elects' Program Chairs to improve quality and foster collaborative Division programming.
- Enhance poster sessions.
- Increase opportunities for mentoring and member interactions and collaborations.
- Offer CE as part of the convention registration fee or for a single additional charge.

As a result, a Central Programming Committee will be established. That Committee consists of members from the 4 major boards (BAPPI, BEA, BPA, and BSA), CAPP, CODAPAR, ECPs, APAGS, and BCA.

As part of the developments, unlimited CE will be offered in 2011 for \$50 fee. Poster sessions may be enhanced in a variety of ways such as scheduling during lunch or social hours with food/drink options; plenary speakers might meet with poster presenters or conduct poster tours; and awards for outstanding posters might be given.

A new mechanism will provide Training for Division President-Elects' Program Chairs. CODAPAR will develop a set of program development guidelines for new Program Chairs. DLC will be used to train these members so they will

APA Council of Representatives Report

Submitted by Regina Colonia-Willner, Division 21 Council Representative

have a one year training period. Training will include a comprehensive assessment for Program Chairs (1) immediately after training, (2) after the program is developed, and (3) immediately after the Convention.

There will be an increase in number of hours dedicated to Central Programming and a decrease in total program hours. Total programming hours will be reduced by 20% to 1250 hours; 250 hours will be allocated to central theme-based programming; 125 hours will be determined by CPG; 125 hours will be allocated to Division collaborative theme-based programming, and 1000 hours to Division programming. All Divisions are guaranteed 10 hours to use as they wish (business activities, social hours, presidential address). The remaining hours (currently 460) will be distributed by a formula based on average Division convention attendance during the preceding three conventions.

For the first two years, special accommodations will be made to ease the transition. In year 1, no Division will have a reduction of >30% of program hours from the 2010 base year. For those Divisions losing more than 10 hours with this caveat in place, for each lost hour over 10, the Division will receive .5 hours in the Division collaborative programming pool of 125 hours; these hours must be used for collaborative programming. In year 2, no Division will have a reduction >40% of program hours from the 2010 base year. For those Divisions losing more than 15 hours with this caveat in place, for each lost hour over 15, the Division will receive .5 hours in the Division collaborative programming pool of 125 hours; these hours must be used for collaborative programming.

2. Ruling in the APA/APAIT Dispute

This note, which is based on a public document, list details about the Court's summary judgment order concerning the APA/APAIT dispute, some history of the issue, and recent developments.

As you may know, APA has been involved in a multi-year dispute with the American Psychological Association Insurance Trust (the Trust) concerning APA Board of Directors' access to financial and other business information about the Trust. The APA Board believed that it had a fiduciary role over the Trust and therefore a right and a responsibility to access and review the Trust's business performance information. The Trust believed APA should not have such access. After many attempts across a number of years to resolve the dispute in a mutually agreeable fashion, the APA sought a judicial ruling to definitively resolve any questions about its rights and responsibilities vis-à-vis the Trust and APA members insured by the Trust. At that time, the Trust filed a claim countering APA's assertions.

On Monday, April 18th, the D.C. Superior Court entered a comprehensive order fully granting APA's motion for summary judgment and ruling that APA is entitled to all of the financial and performance information regarding the Trust it has been seeking, first informally and then via the lawsuit.

The ruling is based on the court's findings that: 1) due to the duties the APA Board holds under the governing trust document (e.g. powers to approve and remove trustees, amend the trust, and terminate it), APA has fiduciary duties to the Trust and its beneficiaries and 2) APA is a contingent beneficiary of the Trust, i.e. one who may receive a distribution in the future if a dissolution occurs. The court went on to find that, in order to discharge its duties regarding the Trust, APA needs to act with care and, in order to act with care, it needs to be reasonably informed.

The court ruled that all the information APA asked for in its complaint was reasonable. The Court furthermore directed the Trust to provide APA with the information requested, within 120 days of the Order, for the last three calendar years.

The Board of Directors reviewed the ruling and its implications at its June meeting with an eye toward moving forward in a positive manner now that the scope of APA's rights and responsibilities has been clarified. Council will receive a report on the full scope of the court's ruling and vote on the Board's planned approach to implementation of the court's order during our August meeting.

Thank you for your support and interest on behalf of Division 21 in APA governance.



PROGRAM SUMMARY SHEET

APA Annual Convention

DIVISION PROGRAM SUMMARY SHEET

EVENT, TITLE and PEOPLE	DAY/TIME	FACILITY/ROOM
Executive Committee Meeting (N): [Executive Committee Meeting]	8/04 Thu: 7:00 AM - 8:50 AM	Renaissance Washington Hotel Meeting Room 6
Invited Address (S): Taylor Award Lecture	8/04 Thu: 10:00 AM - 10:50 AM	Convention Center Room 143A
<u>Participant/1stAuthor</u> John W. Senders, PhD, University of Toronto, ON, Canada		
Invited Address (S): [Peter Pirolli]	8/04 Thu: 11:00 AM - 11:50 AM	Convention Center Room 209B
<u>Participant/1stAuthor</u> Peter Pirolli, DPhil, Palo Alto Research Center, CA		
Invited Address (S): Briggs/Alluisi Award	8/04 Thu: 2:00 PM - 2:50 PM	Convention Center East Overlook Room
<u>Participant/1stAuthor</u> Bruce Walker, DPhil, Georgia Institute of Technology Michael A. Nees, DPhil, Georgia Institute of Technology <i>Title: Flexibility of Representation in Working Memory for Nonspeech Sounds: Theoretical and Practical Implications</i>		
Presidential Address (N): [DeLucia]	8/04 Thu: 4:00 PM - 4:50 PM	Grand Hyatt Washington Hotel Constitution Ballroom E
<u>Participant/1stAuthor</u> Patricia R. DeLucia, PhD, Texas Tech University <i>Title: Engineering Psychology for Technology</i>		
Business Meeting (N): [Business Meeting]	8/04 Thu: 5:00 PM - 5:50 PM	Grand Hyatt Washington Hotel Constitution Ballroom E

DIVISION PROGRAM SUMMARY SHEET

EVENT, TITLE and PEOPLE	DAY/TIME	FACILITY/ROOM
Paper Session (N): Psychology of Aviation	8/05 Fri: 8:00 AM - 9:50 AM	Renaissance Washington Hotel Meeting Room 16

Participant/1stAuthor

Francis T. Durso, PhD, Georgia Institute of Technology

Title: How to Create a Vigilance Decrement in Nextgen Air Traffic Control

Co-Author: Vlad Pop, BS, Georgia Institute of Technology

Co-Author: Eric J. Stearman, BS, Georgia Institute of Technology

Co-Author: Sadaf Kazi, BS, Georgia Institute of Technology

Ray King, PsyD, JD, USAF School of Aerospace Medicine, Wright-Patterson AFB, OH

Title: Ab Initio Selection of Remotely Piloted Aircraft Operators

Co-Author: Thomas R. Carretta, PhD, Air Force Research Laboratory, Wright-Patterson AFB, OH

Co-Author: Wayne Chappelle, PsyD, USAF School of Aerospace Medicine, Wright-Patterson AFB, OH

Jarek Krajewski, PhD, University of Wuppertal, Germany

Title: Estimating Fatigue From Simulated Air Traffic Controller Communication

Co-Author: Sebastian Schnieder, MS, University of Wuppertal, Germany

Co-Author: David Sommer, PhD, University of Applied Sciences Schmalkalden, Germany

Co-Author: Martin Golz, PhD, University of Applied Sciences Schmalkalden, Germany

Kathryn Bleckley, PhD, Federal Aviation Administration Civil Aerospace Medical Institute, Oklahoma City, OK

Title: Selecting Air Navigation Service Providers for the Next Generation of Air Traffic Control

Co-Author: Dana Broach, PhD, Federal Aviation Administration Civil Aerospace Medical Institute, Oklahoma City, OK

Jamie C. Gorman, PhD, Texas Tech University

Title: Team Coordination Dynamics in Uninhabited Air Vehicle Operations

Erik Nelson, MA, George Mason University

Title: The Party Line: Who's Listening?

Co-Author: Kelley Baker, MA, George Mason University

Co-Author: Sara Gee, MA, George Mason University

Co-Author: Deborah A. Boehm-Davis, PhD, No Degree, George Mason University

Paper Session (S): Symbiosis of Basic and Applied Research	8/05 Fri: 10:00 AM - 10:50 AM	Convention Center West Overlook Room
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Participant/1stAuthor

Tim Nichols, PhD, Microsoft Game Studios, Redmond, WA

Title: New Technologies and New Modes of Interaction: Collaboration Opportunities for Industry and Academic Researchers

Doug Gillan, PhD, North Carolina State University

Invited Address (S): Current NHTSA Human Factors Research Priorities	8/05 Fri: 11:00 AM - 11:50 AM	Convention Center Room 204A
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Symposium (S): Games to Explain Human Factors-- -Come, Participate, Learn, and Have Fun	8/05 Fri: 4:00 PM - 5:50 PM	Convention Center Room 209A
<u>Chair</u>		
Ronald G. Shapiro, PhD, MA, Ronald G. Shapiro, PhD, Providence, RI		
<u>Participant/1stAuthor</u>		
Ronald G. Shapiro, PhD, MA,		
Eileen M. McKenna, MS, BS, Shawnee High School, Medford, NJ		
Laura A. Whitlock, MA, BA, North Carolina State University		
Arathi Sethumadhavan, PhD, MA, Medtronic, Inc., Mounds View, MN		
Melissa Robin, University of Central Florida		
Conversation Hour (N): Electronic Health Records in Clinical Practice	8/06 Sat: 8:00 AM - 8:50 AM	Convention Center Room 148
<u>Discussant</u>		
Kelly E. Caine, PhD, Indiana University Bloomington		
Dennis Morrison, PhD, Centerstone Research Institute, Bloomington, IN		
Symposium (S): Human-Automation Interaction in Safety Critical Domains	8/06 Sat: 10:00 AM - 11:50 AM	Convention Center Room 148
<u>Cochair</u>		
Arathi Sethumadhavan, PhD, MA, Medtronic, Inc., Mounds View, MN		
Poornima Madhavan, PhD, Old Dominion University		
<u>Participant/1stAuthor</u>		
Arathi Sethumadhavan, PhD, MA,		
Julian Sanchez, PhD, Medtronic, Inc., Mounds View, MN		
Poornima Madhavan, PhD,		
Ericka Rovira, PhD, United States Military Academy		
Richard Pak, PhD, Clemson University		

DIVISION PROGRAM SUMMARY SHEET

EVENT, TITLE and PEOPLE	DAY/TIME	FACILITY/ROOM
Paper Session (S): Human Factors Potpourri	8/06 Sat: 12:00 PM - 1:50 PM	Convention Center Room 148

Participant/1stAuthor

Christine M. Brown, MA, Pacific Science & Engineering Group, San Diego, CA

Title: Changes in Cognitive Performance During Extended Periods of Heavy-Load Carriage

Co-Author: David A. Kobus, PhD, Pacific Science & Engineering Group, San Diego, CA

Cory-Ann Smarr, BS, Georgia Institute of Technology

Title: Using Knowledge Engineering to Understand Communication Processes in the Mowing of Citrus Groves

Co-Author: Daniel Serrano-Baquero, MS, Georgia Institute of Technology

Co-Author: Ralph H. Cullen, BS, Georgia Institute of Technology

Co-Author: Sara E. McBride, MS, Georgia Institute of Technology

Co-Author: Jenay M. Beer, MS, Georgia Institute of Technology

Co-Author: Wendy A. Rogers, PhD, Georgia Institute of Technology

Jenay M. Beer, MS, Georgia Institute of Technology

Title: Challenges in Patient Education: Teaching Older Adults Home Health Care Tasks

Co-Author: Sara E. McBride, MS, Georgia Institute of Technology

Co-Author: Tracy L. Mitzner, PhD, Georgia Institute of Technology

Co-Author: Jennifer M. Springman, BS, Georgia Institute of Technology

Co-Author: Wendy A. Rogers, PhD, Georgia Institute of Technology

Sara E. McBride, MS, Georgia Institute of Technology

Title: Understanding User Needs for an Osteoarthritis Management Tool

Co-Author: Wang-Chin Tsai, MS, Georgia Institute of Technology

Co-Author: Camilla C. Knott, PhD, Aptima, Washington, DC

Co-Author: Wendy A. Rogers, PhD, Georgia Institute of Technology

Sharolyn Lane, PhD, North Carolina State University

Title: Understanding Factors Leading to Computer Loyalty

Co-Author: John V. Peterson, North Carolina State University

Co-Author: Englann J. Taylor, North Carolina State University

Co-Author: Jude A. Jackson, North Carolina State University

DIVISION PROGRAM SUMMARY SHEET

EVENT, TITLE and PEOPLE	DAY/TIME	FACILITY/ROOM
Poster Session (F): [Poster Session]	8/06 Sat: 4:00 PM - 4:50 PM	Convention Center Halls D and E

Participant/1stAuthor

Deborah R. Billings, PhD, MS, University of Central Florida

Title: Mitigating Inappropriate Trust in Human-Robot Interactions: A Review of Trust Calibration Strategies in the Literature

Co-Author: Kristin E. Oleson, MS, University of Central Florida

Co-Author: Jessie Y.C. Chen, PhD, U.S. Army Research Laboratory, Orlando, FL

Co-Author: Peter A. Hancock, PhD, University of Central Florida

Jessie Morrow, MS, Nova Southeastern University

Title: Neuropsychological and Demographic Correlates to Impairment in Simulated Driving

Co-Author: Marcy C. Adler, MA, Nova Southeastern University

Co-Author: Sara Schleicher-Dilks, BA, Nova Southeastern University

Co-Author: Traci Oliver, BA, Nova Southeastern University

Co-Author: Anthony P. Andrews, BS, Nova Southeastern University

Co-Author: Charles J. Golden, PhD, Nova Southeastern University

Chiu Shun Dan, MS, Georgia Institute of Technology

Title: Effects of Time of Automation Failures and Expectation on Trust in Automation

Conversation Hour (S): Activities of the Board on Human-Systems Integration in the National Academy of Sciences	8/07 Sun: 9:00 AM - 9:50 AM	Convention Center East Overlook Room
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Participant/1stAuthor

Barbara Wanchisen, DPhil, National Academies, Washington, DC

Title: Human-Systems Integration at The National Academies: Health, Military, and Aviation Applications

Symposium (S): Focus on a University--- George Mason	8/07 Sun: 10:00 AM - 11:50 AM	Convention Center Room 148
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Chair

Deborah A. Boehm-Davis, PhD, No Degree, George Mason University

Participant/1stAuthor

Carryl L. Baldwin, PhD, No Degree, George Mason University

Title: Design and Examination of In-Vehicle Auditory Collision Warning Messages

Matthew S. Peterson, PhD, No Degree, George Mason University

Title: Guiding Attention

Raja Parasuraman, PhD, No Degree, George Mason University

Title: Neurogenetics of Individual Differences in Working Memory and Decision Making: Implications for Selection and Training

James Thompson, PhD, George Mason University

Title: Recognizing Human Movement

Tyler Shaw, PhD, George Mason University

Title: Group-Level and Individual Differences Approaches to the Study of Sustained Attention

Deborah A. Boehm-Davis, PhD, No Degree,

Title: Do Pilots Really Need the Party Line?