DIVISION OF APPLIED EXPERIMENTAL AND ENGINEERING PSYCHOLOGY

DIVISION 21 OF THE AMERICAN PSYCHOLOGICAL ASSOCIATION

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Division 21 Elections
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By: Phillip L. Ackman
Division 21 President

Sitting down to write this article on my computer, right after reading a recent book on the history of the typewriter, reminds me of both the successes and the challenges that represent the domain of our division of Applied Experimental and Engineering Psychology. The successes of applied experimental and engineering psychologists have been told many times, both in the previous issues of our newsletter (e.g., see Schroeder, 2003) and elsewhere (e.g., see Parsons, 1999). Although the beginnings of a formal discipline of Engineering Psychology is generally identified with the work of Paul Fitts and his colleagues during WWII, the origins of applied experimental psychology are a bit more murky, though the domain was clearly identifiable in the work by Bryan and Harter (1897) in their studies of telegraphers. By the time Hugo Münsterberg wrote Psychology and Industrial Efficiency in 1913, he was able to describe several different applications of experimental psychology, including job task design, learning and training, attention and fatigue, and others. Hollingworth and Poffenberger (1917) expanded the domains of possible contributions from applied psychology to include Management, Industry, Business, Law, Medicine and Education. Today it is easy to see a place for applied experimental and engineering psychology almost anywhere one chooses to look. A sample of news items in recent months would show that these same issues identified by Münsterberg, Hollingworth and Poffenberger are very much relevant in current events and activities, whether one is interested in transportation, office work, learning, product design and use, and so on. Some of these domains have greatly benefitted from rigorous work by applied experimental and engineering psychologists, while others have a clear need for research and expertise. The challenges that remain are to continue to make a case for the relevance of our field for these and a wide array of other applications.

However, applied experimental and engineering psychology, when they are involved, often fall under different headings, such as experimental psychology, human factors, ergonomics, industrial/organizational psychology, educational psychology, human engineering, applied social psychology, judgment and decision making, and several others. Although efforts have been made to delineate the scope of education and training in applied experimental and engineering psychology (see Howell, Colle, Kantrowitz, & Wiener, 1987), we appear to be in the midst of an identity crisis. There are altogether too few graduate programs in applied experimental and engineering psychology, and partly as a result, too few psychologists who identify themselves as members of this discipline. Although many other divisions of APA have seen declines in membership over the years (for a variety of reasons), Division 21 has this year become the smallest division in APA, with just

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a couple of hundred active members. Frank Durso, our President-Elect, is developing a proposal to stem this trend in membership decline (see his article in this issue), and the Executive Committee continues to work to find ways to better disseminate information about our division to potential new members. In addition, during the next several months, we hope to revise our division website to include more content about members’ research and application activities, to better explain what it is that applied experimental and engineering psychologists do. In the past six years, I have had the honor and privilege to serve as Editor of the Journal of Experimental Psychology: Applied, having taken over after Raymond Nickerson’s exemplary inaugural Editorship. On the one hand, I am happy to report that the success of the journal is a further indication that applied experimental psychology is alive and well. On the other hand, many other journals also publish important studies reporting the results of applied experimental psychology research. One path to addressing the potential identity crisis is to continue to encourage Division 21 members to consider JEP:Applied as an outlet for publishing their work. I hope that the future will see increased submissions from our members as Wendy Rogers takes over as the next Editor of the journal.

What we as a division lack in numbers, we certainly make up in terms of the dedication of the membership. I am very grateful for the work of the members of the Executive Committee, for the efforts of my predecessors in this position, and for Frank Durso’s preparations for ramping-up for his term as President starting in August. What we do as a division, we do well, whether it is the mid-year meeting (organized by John Ruffner and Ericka Rovira last month), our APA Convention program (organized this year by Lee Gugerty), the Mentorship program (which was recently taken over by Hank Taylor), and the various committees at APA where we provide representation and input.

After the success of our Division 21 dinner in New Orleans last year, we will continue this new “tradition” this year during the APA annual convention in San Francisco, following the annual Division 21 business meeting. I look forward to seeing you all in August.

- Phillip L. Ackerman

References


Schroeder, D., (2003), Message from the President. Division 21 Newsletter, 28 (2), 3-4.
CANDIDATES FOR PRESIDENT ELECT

Dee H. Andrews

Over the last few weeks I have been talking to some Division 21 members and some past Presidents to get their views on where they think the Division should be going. In addition, I’ve reviewed all the past Div 21 newsletters posted on the Division website. Based upon these conversations and readings, and my own notions of where I would like to see the Division head, I developed a list of eleven activities that would improve the Division. From that initial list I’ve prioritized the top two efforts I would seek to accomplish if elected President.

- Membership issues. I would follow up the membership survey done a while back with an on-line survey of the Division members and of members of other APA Divisions that are affiliated with our Division. The key issue is how can we best attract and keep new members. What Division activities would be of most interest to prospective and current members? This effort would include the development of a long range plan to outreach to students and their faculty.

- Advertise the Division 21 Mentor program by attracting more mentees. The mentoring program can be of great value to students who don’t really understand the full range of career paths that someone with an experimental or engineering psychology degree can take. I would like to explore how we can best get the word out to graduate students and schools that this resource is available.

Robert Proctor

Since its inception, Division 21 has been unique among the divisions of APA in its emphasis on both science and application. No one better epitomizes the relation between the two than the first President of the division, Paul Fitts, who indirectly has exerted considerable influence on my career. Fitts made many significant contributions to the basic science of human performance and to applications of this scientific knowledge to engineering psychology, showing that a close relation between the two is essential. My interests focused initially on basic human performance, but over the years they have increasingly broadened to engineering applications as well. One of the major goals driving much of my professional activity over the past 20 years has been to forge links between basic research and engineering applications. I have worked to accomplish this goal through writing textbooks that blend the two, teaching engineers at Purdue and industrial sites the fundamentals of human performance in the context of applied design problems, teaching tutorials on contemporary cognitive psychology to practitioners in human-computer interaction, and engaging in interdisciplinary research projects that require integration of basic and applied knowledge. Like Fitts, my conviction is that forging links between research and application is critical to the growth of individual psychologists and the field of psychology as a whole. Division 21 is one of only a few organizations where research and application meet on equal footing. If elected President, I will highlight the joint contributions of science and engineering in representing and promoting the division.

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Scott Shappell

The Division of Applied Experimental and Engineering Psychology has served our membership and those in the field extremely well since its inception in the 1950’s. Working behind the scenes and in the forefront, Division 21 has led the charge on many initiatives that have paved the way for research and other opportunities that many of us enjoy today. As Secretary/Treasurer and as a member of the Executive Committee for nearly five years I have seen firsthand what the Division has done for my career and others like me. Yet we find ourselves at a crossroads. We are a rapidly aging membership in desperate need of that next generation of applied experimental and engineering psychologists. If elected I will make the recruitment and retaining of that next generation of Division 21 members the cornerstone of my time in office. By no means easy, it will require a marketing strategy aimed at informing potential members of what Division 21 has to offer beyond more tangible things like journals and websites to include less visible things like the incredible lobbying efforts by some of our members for additional research funding and scholarship. As a card-carrying member of the “what’s in it for me” generation I am keenly aware that to attract new members we need to market ourselves better. I believe that I am an example of someone whose career has profited immeasurably from the Division and believe that others can benefit as well – we just have to get the message out.
CANDIDATES FOR MEMBER AT LARGE

Haydee Cuevas

Haydee Cuevas has a PhD in Applied Experimental and Human Factors Psychology and a Bachelor of Arts degree in Psychology, both from the University of Central Florida. Dr. Cuevas has worked on projects funded by the National Science Foundation, Air Force Office of Scientific Research, Army Research Laboratory, Office of Naval Research, and Office of the Secretary of Defense. Her research has primarily focused on investigating the use of interactive computer-based training technology, such as enhanced displays, to support the acquisition, development, and transfer of knowledge related to critical linkages in domain knowledge for complex task training environments (e.g., aviation, distributed decision making). Also of interest is investigating how technology can best be used to support the attitudinal, behavioral, and cognitive processes of both human-human and human-agent teams performing in distributed environments. Dr. Cuevas has presented her research at numerous conferences and has authored and co-authored several papers on this work in peer-reviewed journals.

With regard to professional service, Dr. Cuevas has held and currently holds several appointments within the professional organizations that represent her field, including the Human Factors and Ergonomics Society, American Psychological Association Division 21 – Applied Experimental and Engineering Psychology, and the Society for Human Performance in Extreme Environments. Her primary emphasis across these various appointments has always been to: 1) increase opportunities for the professional development of our students and early career professionals; and 2) promote the general public’s awareness of the importance of our profession through community outreach and service.

Mary Gregerson

My professional work to improve human-system performance has emphasized medical and health-care settings as well as living and work environments (see portfolio list below). So the valuable 2007 Division 21 Mid-Winter Meeting whetted my interest for more active division participation and leadership. If elected Member-At-Large I anticipate the Annual Meeting will be even more involving.

As a part of the grassroots (the converse of grassroots) governance, I would provide each of you an “open door” to hear your grassroots interests for Division activities and governance. My past Member-At-Large experience on other APA Division Boards demonstrated the effectiveness of this policy that brings together those of common interest while also mediating discussions between those of dissimilar persuasion. With Div 21 my new professional home within APA, I would begin by “giving back” immediately.

My credentials anchor my constituency across the military, industry, government, business, and education. For example, I provided the military frontline service in relief and recovery, published critiques of improved operations effectiveness, efficacy, and environmental soundness, consulted on enhancing military family life, and reviewed scientific proposals. I have taught an APA CE course on scientific standards of conduct and evidence as well as experimental methods courses and a research laboratory for graduate and undergraduate students. My portfolio includes National Institutes of Health, Department of Homeland Security, U.S. Army Medical Research and Materiel Command (USAMRMC), Native American Research Associates, American Institutes of Architects, and Pan-American World Health Organization. Div 21 might benefit from my contacts in these and other settings.

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Dan Morrow

I received my PhD in cognitive psychology from UC Berkeley in 1982. After a post-doc at Stanford University Psychology Department, I have since held research positions at Stanford University Medical Center, NASA-Ames Research Center, and the University of New Hampshire. I am now an Associate Professor at the Institute of Aviation, University of Illinois at Urbana-Champaign.

My research has focused on the impact of age-related cognitive differences on performing complex tasks in both aviation and health care domains, and how to design environments to support older adult competence on these tasks.

Current projects focus on improving medication use by older adults with low health literacy, and designing external aids to support older pilots’ communication with air traffic controllers. Much of my research in these areas has appeared in APA and human factors journals.

I have been a member of APA for over 10 years, and joined Division 21 several years ago, usually presenting papers as part of the Division’s program at the APA annual meetings. In addition, I have served on the editorial board of Psychology and Aging, and have just joined the board of Journal of Experimental Psychology: Applied. I would welcome the opportunity to increase my formal involvement with Division 21, and APA more generally, by serving as member-at-large for the Division.
CANDIDATES FOR COUNCIL REPRESENTATIVE

Sue Bogner

I am running for Council Representative because I sincerely believe that Div. 21 can and should be more of a force in APA. Currently, the clinical approach is pervasive as evidenced by the APA Office of Public Policy list of Briefing Sheets and Congressional Briefings all of which address only mental health issues. Admittedly, the focus of APA is psychology, but psychology is more than mental health. It is generally acknowledged that the mind and body are integrated. Thousands of maimed Iraq War veterans as well as an aging population strive to live independently – a need addressed by work of Div. 21 members. The mission statement of the APA Committee on Disability Issues, however, focuses on mental health. Expanding that focus to address quality of life allows the non-clinical divisions to present their efforts such as Div. 21’s rehabilitative and assistive devices for enhancing the productivity and quality of life for people with physical disabilities. Those perspectives can be integrated into the Disability Committee mission statement. The unique perspective of the members of Div. 21 on all aspects of performance including building design should be promoted, yet the media interviewed an architect about the functionality of a new library. Does APA not know what we offer? If elected, I will work for Div. 21 to be fully integrated into the fiber of APA so Division members participate in committees to include our perspective in policy statements as well serve on the active list of experts for media interviews.

Dave Schroeder

As possibly the smallest division within APA we are currently exploring options with respect to our alignment with APA. Having served in a leadership capacity within the division for a number of years (secretary/treasurer, program committee, president) I am aware of many of the issues and concerns. I feel that we need to have a continued voice within APA to promote and enhance the image of applied experimental and engineering psychology and to ensure that our issues and concerns are addressed. I feel that this is one of the primary roles for our representative to council. I realize that this position involves a considerable time commitment, however, it also serves as an important link between the larger organization and our division. Given the bureaucratic structure of APA we are not likely to have a large role in promoting change, however, by working together with representatives from other divisions it is possible to influence outcomes. I think we have seen evidence of that during Hanks tenure as our representative. Another important aspect of serving as the divisions representative is to provide a conduit for the transfer of information from APA to our membership. If elected, I look forward to the opportunity to continue to serve the division in this capacity.
**ABOUT THE EDITOR**

Aaron Pepe is a 5th year student in the University of Central Florida’s Modeling and Simulation (Human Systems) PhD program. His background includes a B.A. in Greek and Roman History, a M.A. in Liberal Studies (Psychology), and 13 years experience in print and interactive design. He is currently working as part of Valerie Sims and Mathew Chin’s Applied Cognition and Technology (ACAT) Research Lab. His current research involves human - robot and human - canine interaction, as well as positive emotional interaction with technology.

Please feel free to send any comments or suggestions to: div21editor@gmail.com.

Aaron A. Pepe
Division 21 Newsletter Editor

**DIVISION 21 MENTORSHIP PROGRAM**

**Free Career Counseling and Networking**

Division 21 has a mentorship program to provide counseling and networking services to those who are interested in pursuing a career in applied experimental and engineering psychology. The program is a means of providing information and guidance on careers in applied experimental and engineering psychology to students and beginning professionals. The program is also intended for professionals who are considering a career change. Most of the mentoring will be done by email.

A good way of conceptualizing the program is that of enhanced networking. A facilitator will match up mentees with the mentors who can best address their questions.

If you would like to be a mentee, please contact the Henry L. Taylor at the e-mail address below. If you would like to be a mentor, please e-mail the same point of contact and provide a brief description of your experience and interests. One need not be a senior professional to be a mentor.

The program goal is to have mentors representative of the very wide range of activities in Applied Experimental and Engineering Psychology.

Point of Contact for Mentorship Program

Henry L. Taylor
henryltaylor@bellsouth.net
CALCULAR MAY-JULY 2007

May 8-10, 2007
52nd Annual Corporate Aviation Safety Seminar, Tucson, AZ. [http://www.flightsafety.org/seminars.html#iass]

May 8-10, 2007
ATCA/FAA/NASA Technical Symposium, Atlantic City, NJ. See www.atca.org or contact gail.hanline@atca.org.

May 9-12, 2007

May 9-13, 2007
5th Biennial Conference of the International Academy for Intercultural Research [http://www.interculturalacademy.org]

May 13-16, 2007

May 13-17, 2007
78th Annual Scientific Meeting of the Aerospace Medical Association, New Orleans, LA [http://www.asma.org/meeting/index.php]

May 13-19, 2007

May 14-15, 2007
Inside Aerospace – An International Forum for Aviation and Space Policy, Doubletree Hotel Crystal City, Arlington, VA [http://www.aaa.org/content.cfm?pageid=1]

May 17-20, 2007
International Conference on Applied Neuroscience - "Applied Neuroscience for Healthy Brain Function" Nijmegen, the NETHERLANDS [www.appliedneuroscience.nl]

May 20-26, 2007
ICSE 2007, Minneapolis, MN [knight@cs.virginia.edu]

May 21-22, 2007
ASTM F38 Unmanned Aircraft Systems Committee Workshop, Waterside Convention Center, Norfolk, VA [http://www.astm.org/]

May 21-23, 2007
4th Annual Workshop on Human Factors of Unmanned Aerial Vehicles, Chandler, AZ. Nancy Cooke, Cognitive Engineering Research Institute, Mesa, AZ, [ncooke@cerici.org, http://www.cerici.org/]

May 21-24, 2007
JSEM 2007, Greater Columbus Convention Center, Columbus, OH [http://ndia.org/]

May 21-24, 2007

May 22-24, 2007
EBACE, Geneva, Switzerland [http://www.ebace.aero/]

May 31 - June 2, 2007
Engineering Ethics Conference, Villanova University, 800 Lancaster Ave., Villanova, PA 19085, 610/519-4500, [http://www.ethics.villanova.edu/conference]

June 5-7, 2007
FAA Center of Excellence for General Aviation Research (CGAR) Annual Meeting, FAA William J. Hughes Technical Center, Atlantic City, NJ. For additional information, see [http://www.cgar.org/annual_meeting.asp?E=2].

June 13-15, 2007

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June 26-29, 2007

June 28-30, 2007
7th International Congress on Traumatic Stress
Buenos Aires, ARGENTINA www.psicotrauma.org.ar

June 28-July 1, 2007
7th Industrial and Organizational Psychology Conference/1st Asia Pacific Congress on Work and Organizational Psychology, Adelaide, AUSTRALIA www.iopconference.com.au

July 1-5, 2007
XXXI Inter American Congress of Psychology (SIP2007)
Mexico City, MEXICO www.sipmexico2007.org.mx/

July 1-6, 2007
International Conference on Perception and Action (ICPA 14 Japan 2007)
Yokohama City, Kanagawa, JAPAN www.trincoll.edu/depts/ecopsyc/isep/index.html

July 2-5, 2007 – USA-Europe ATM Seminar, Barcelona, Spain http://www.atmseminar.org/

July 3-6, 2007
Xth European Congress of Psychology
Prague, CZECH REPUBLIC Contact: Congress Secretariat
www.ece2007.com

July 3-8, 2007
3rd International Congress of Psychology and Law
Adelaide, South Australia, AUSTRALIA http://www.sapmea.asn.au


July 9-13, 2007
Eighth Annual Conference, International Stress Management Association
Montreal, Canada
URL: www.isma-usa.org

July 9-13, 2007
5th Biennial Conference of the International Academy for Intercultural Research
Groningen, THE NETHERLANDS
www.interculturalacademy.org/groningen_2007.html

July 13-15, 2007
International Conference on the Teaching of Psychology
Vancouver, CANADA
Submission Deadline: March 15th www.kwantlen.ca/ictp

July 9-28, 2007
14th International Summer School in Cognitive Science
Sofia, BULGARIA www.nbu.bg/cogs/events/ss2007.html


Frank Durso received his Ph.D. from SUNY at Stony Brook and his B.S. from Carnegie-Mellon University. He is Professor of Psychology at Texas Tech University on the faculties of the human factors program and the applied cognition program. He currently is president-elect of APA’s Applied Experimental division, and is on the executive committees of the Aerospace Systems Technical Group (ASTG) of HFES and the Society for Applied Research on Memory and Cognition (SARMAC). He co-founded the Oklahoma Psychological Society and was founding director of OU’s Human-Technology Interactions Center. A fellow of APA (3 and now 21) and APS, he serves on the editorial boards of Journal of Experimental Psychology: Applied, Human Factors, Air Traffic Control Quarterly, and Cognitive Technology. He is senior editor of Wiley’s Handbook of Applied Cognition, now in its 2nd edition. Stories of Modern Technology Failures and Cognitive Engineering Successes, co-authored with Nancy Cooke will be released soon by Taylor-Francis. Frank is a recipient of the Kenneth Crook award for superior instruction and the Regent’s Award for superior research. Frank’s research interests have focused on cognitive factors in dynamic situations, in particular air traffic control, for which he has been funded by NSF and the FAA, the latter continuously since 1991.

Frank has recently begun work looking at patient safety and the cognitive and human factors issues of professional kitchens.
## APA Division 21 San Francisco Program Preview Guide

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<td>Invited Address (S)</td>
<td>Franklin Taylor Award address - Paul Slovic on Decision Making</td>
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<tr>
<td>Symposium (S)</td>
<td>Health literacy barriers to elders self-care: How can technology help?</td>
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<td>Presidential Address (N)</td>
<td>Presidential Address for Engineering Psychology Division: Bridging Science and Application</td>
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<td>Symposium (S)</td>
<td>Facilitating the Success of Older Workers: Findings From CREATE II</td>
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**Total Number of Sessions = 14**
Awards

American Psychological Association
Division 21
Applied Experimental and Engineering Psychology

George E. Briggs Dissertation Award
Presented to
Gareth E. Conway, Ph.D.
Effects of Workload, Effort and Fatigue on Complex Performance:
Application and Tests of Compensatory Control Theory
August 2006

American Psychological Association
Division 21
Applied Experimental and Engineering Psychology

Franklin V. Taylor Award
Presented to
Paul Slovic, Ph.D.
For outstanding contributions in the field of
Applied Experimental and Engineering Psychology
August 2006
Draft Minutes prepared by Phillip Ackerman on 3/3/07

In attendance: President - Phillip Ackerman; President-Elect and Member-at-Large: Frank Durso; Member-at-Large: John Ruffner; APA Council Representative: Hank Taylor; Student Representative: Peter Squire

1. The meeting was called to order by President Phillip Ackerman at 1:00pm. Phillip provided a brief welcome to members of the executive committee.

2. The minutes of the August, 2006 Meeting of the Executive Committee were approved as written.

3. **Treasurer's Report**

   Scott Shappell’s report (submitted prior to the meeting) indicated that we have, as predicted, about $12,000 in the bank. The treasurer’s report was approved as written.

4. **Elections Committee Report**

   Frank Durso reported that we have a slate of excellent candidates for the 2007 election, for the positions of president-elect, member-at-large, and APA Council Representative.

5. **Annual Meeting Program Report**

   Lee Gugerty’s report (submitted prior to the meeting) indicated that we had a good match of submitted presentations and hours allocated by APA. The executive committee noted that Lee has done an excellent job on preparing the program for the August, 2007 meeting.

6. **APA Council Representative Report**

   Hank Taylor reported on several aspects of APA council, including budget issues and the activities of coalitions that put forward candidates for APA President that are of most interest to Division 21 members.

7. **Midyear Meeting Committee Report**

   John Ruffner reported on the midyear meeting preparations. Final numbers of registrants and finances were not available at the time of the EC meeting, and would be provided after the meeting. It was noted that there would be two parallel sessions for the first time at the midyear meeting, and that there appeared to be a good program anticipated to begin on March 1. The EC discussed general issues about location and scope of the midyear meeting -- issues that have been under discussion at previous meetings. It was decided that the decision regarding participation in a midyear meeting for 2007 would remain the President’s discretion.

8. **Membership Committee Report**

   Edmond Israelski reported (submitted prior the meeting) that we have had an additional decline in mem-

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Committee Meeting Continued ...

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bership of 12 members, due to deaths, retirements, and other reasons. The report indicated that as of 2006, there were 214 dues paying members and 107 dues exempt members. And that as of Feb 2007, there were 11 new members, 15 new student members, and 36 new affiliate members.

9. **Fellows Committee Report**
No report was provided by Astrid Schmidt-Nielson. Hank Taylor mentioned that one member has been nominated to fellow status by the division, and the nomination has been forwarded for review to APA.

10. **Mentorship Program Report**
Hank Taylor reported that the mentorship program is going well, with 12 mentees and 11 mentors. He would like to increase both the list of mentors and mentees, and the EC encouraged him to continue with this excellent program. Additional discussion involved finding additional sources for publicizing the mentorship program.

11. **Newsletter Editor Report**
No report was provided by Aaron Pepe.

12. **Representative to the APA Student Group**
Peter Squire reported on last year’s teleconference, and discussed ideas for continuing the teleconference program. The EC encouraged Peter to continue work on this project.

13. **APA Committee on International Relations Report**
David Schroeder reported (submitted prior to the meeting) that there are several funding programs that might have relevance to the Division 21 membership, including (APA International Scientific Meetings Support Fund, David Travel and Research Awards, APA Travel Grants for international conferences, and APA Travel Grants for International Affiliates). David reports that he will also be pushing for greater recognition of Division 21-relevant international activities (such as getting announcements and recognition for several conferences relevant to Division 21 members)

14. **APA Committee on Aging**
Regina Colonia-Willner reported (submitted prior to the meeting) on several projects relevant to older adult issues that have been undertaken by the APA Committee on Aging.

15. **APA Trauma Group**
Sue Bogner indicated that the APA Trauma Group was not receptive to issues of interest/concern to Division 21, and she recommended that we no longer send a representative to this group. The EC agreed with her assessment of the situation and the proposed solution.

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16. **APA Committee on Women in Psychology**
Regina Colonia-Willner reported (submitted prior to the meeting) on several projects relevant to women’s issues that have been undertaken by the APA Committee on Women in Psychology. She also provided information that indicates participation by women in APA Divisions (63% are not members of any division, compared to 50% of men).

17. **Awards Committee Report**
In Ron’s absence, Frank Durso and Phillip Ackerman briefly discussed the award’s committee activities. It was agreed that there is an excellent slate of nominees this year, and that formal decisions on the awards would be made in the near future.

18. **President’s Report**
Phillip Ackerman reported that APA Division Services has agreed to take over the maintenance of the website, and the tasks of running the listserv. APA will be billing the division for these services, but the costs seem reasonable under the circumstances. EC discussed several aspects of improving the website, and bringing various details up-to-date. Members were asked to help in providing information and material in the near future, as APA gets up-to-speed on this task.

19. **New Business**
   a. **Division organization**
   There was a robust discussion regarding the incorporation of Division 21 along the lines of SIOP (The Society for Industrial and Organizational Psychology/Division 14). The sense of the EC was that Frank Durso was encouraged to continue work on the concept, and to bring a concrete action plan to the EC to move forward for later consideration by the EC (with the expectation that any formal motion for incorporation will involve the full voting membership of the division).

   b. **Membership Issues**
   There was a continued discussion of the membership count for Division 21, and strategies that might be tried to increase membership for the division.

20. **Adjournment.** The meeting was adjourned at 5:15pm.

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REVISED BY-LAWS OF DIVISION 21 OF THE AMERICAN PSYCHOLOGICAL ASSOCIATION

BY-LAWS OF DIVISION 21 OF THE AMERICAN PSYCHOLOGICAL ASSOCIATION

ARTICLE I
NAME AND PURPOSE
The name of this organization shall be the Division of Applied Experimental and Engineering Psychology (hereinafter referred to as the Division), a division of the American Psychological Association (hereinafter referred to as the APA). The purpose of this organization shall be (a) to promote research, development, application, and evaluation of psychological principles relating to human behavior in the characteristics, design, and use of environments and systems within which human beings work and live, (b) to stimulate the exchange of information among its members, and (c) to develop close relations and facilitate the exchange of information with other societies, associations, and technical groups that have similar concerns.

ARTICLE II
MEMBERS

Section 1.
There shall be five classes of members: Fellows, Members, Associates, Affiliates, and Student Affiliates. Fellows of the Division shall be persons who (a) have been selected by the Executive Committee of the Division for unusual and outstanding contribution or performance in the field of applied experimental or engineering psychology, (b) have had five years of work related to psychology applied to the design and use of equipment and human/machine systems, and (c) are approved by the APA for Fellow status therein. Fellows shall be nominated to the APA by the Executive Committee and a majority vote of the Fellows of the Division attending the annual business meeting.

Members of the Division shall be persons (a) who are Members or Fellows of the APA and (b) whose principal fields of study, research, work, or interest are within the area of applied experimental or engineering psychology. Associates of the Division shall be persons (a) who are Associate Members of the APA and (b) whose principal fields of study, research, work, or interest are within the area of applied experimental or engineering psychology.

Affiliates of the Division shall be persons (a) who are not Fellows, Members, or Associates of the APA and (b) whose interests are within the area of applied experimental or engineering psychology.

Student Affiliates of the Division shall be persons who meet the APA criteria for student membership, whether or not they are student members of the APA.

Section 2.
Any person may be expelled from the Division for cause by a two-thirds vote, taken by secret ballot, of the total of Members and Fellows present and voting at an annual business meeting as provided in Article VI. Such vote shall be taken only upon the recommendation of the Executive Committee. The committee’s recommendations will be submitted only after the defendant has been given an opportunity to answer the charges both in writing and by appearing in person before the Committee.

Section 3.
On all matters calling for action by the membership of the Division, each Fellow and Member shall have one vote, and no proxy votes shall be allowed. Voting may take place either at a regularly scheduled meeting as provided in Article VI of these By-Laws, by mail ballot, or by email ballot. Section 5. Associates and Affiliates of the Division Shall be permitted to vote on Division matters which are determined by the Executive Committee not to be of direct concern to the APA. In such cases, each Associate and each Affiliate shall have one vote, and no proxy votes shall be allowed.

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ARTICLE III
OFFICERS, NOMINATIONS, AND ELECTIONS

Section 1.
The Officers of the Division shall be the President; the Immediate Past President; the President-Elect; the Secretary/Treasurer; Representative(s) to the APA Council of Representatives as provided for in Article IV and V of the By-Laws of the APA; and three Members-at-Large of the Executive Committee. Only Fellows and Members of the Division shall be eligible for nomination as Officers of the Division.

Section 2.
The term of the President-Elect shall be one year, followed by one year as President and one year as Immediate Past President. The Secretary/Treasurer shall serve for a term of three years, but not more than two consecutive terms without at least three years intervening. Each Member-at-Large shall serve for a term of three years; their terms shall be staggered.

Section 3.
The Secretary/Treasurer may not serve concurrently as President, Immediate Past President, or President-Elect of the Division. Members-at-Large of the Executive Committee may not serve concurrently as Division Representative. The Division Representative(s) and the Members-at-Large of the Executive Committee may, however, concurrently serve as President, Immediate Past President, President-Elect, or Secretary/Treasurer, if duly elected.

Section 4.
It shall be the duty of the President to preside at all meetings of the Division; to act as Chair of the Executive Committee; to exercise supervision over the affairs of the Division with the approval of the Executive Committee; and to perform such other duties as are incidental to the office or as may properly be required by vote of that Committee. In the absence or incapacity of the President, the duties of President shall be assumed by the President-Elect.

Section 5.
It shall be the duty of the Secretary/Treasurer to keep the records of all meetings of the Division, issue calls and notices of the meetings; issue mail ballots as directed by the Executive Committee; and serve as a member of the Executive Committee. It also shall be the duty of the Secretary/Treasurer to have custody of all funds and property of the Division, collect any special dues or assessments that may be voted in accordance with Article VII of these By-Laws; make disbursements as authorized by the Executive Committee; and serve as a member of the Executive Committee.

Section 6.
It shall be the duty of the Division Representative(s) to the Council of Representatives of the APA to perform the duties and accept the responsibilities specified in Article IV of the By-Laws of the APA. The representative(s) shall also serve as Executive Committee member(s).

Section 7.
It shall be the duties of the Members-at-Large to serve as members of the Nominations and Elections Committee, as provided in Article V of these By-Laws; and serve as members of the Executive Committee. They may also be designated to provide assistance to the Program Committee, the Membership Committee, or the Division Representative(s), or be given special assignments at the discretion of the President.

Section 8.
In the case of death, incapacity, or resignation of any of these Officers, the Executive Committee shall, by majority vote, elect a successor to serve until the next annual business meeting, except as provided in Sections 3 and 4 above.

Section 9.
The Officers of the Division shall be elected according to preferential voting system, by the Fellows, Members, and Affiliates of the Division voting by mail, except that the Secretary/Treasurer of the Division shall be elected by a majority vote of the Ex-
APA Div 21 By-Laws Continued ...

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Executive Committee. The President-elect shall send a nomination ballot each year to all Fellows, Members, and Affiliates of the Division at a time in accordance with the deadlines provided by the APA. This ballot shall provide three places for the office of President-Elect, three places for each office of Division Representative, and three places for each office of Member-at-Large of the Executive Committee.

Section 10.
The nomination ballots, when returned by the membership, shall be sent to the Chair of the Nominations and Elections Committee. After counting the votes, the Committee may also nominate one additional person willing to serve, for each of the offices to be filled, and transmit these nominations, as described in Sections 12, 13, and 14, to the Election Officer of the APA in accordance with APA deadlines for inclusion in the APA ballot.

Section 11.
The election ballot for President-Elect of the Division shall contain, at most, the names of the two nominees standing highest on the nomination ballot from the Fellows and Members, and willing to serve, as well as the name of up to two persons nominated by the Nominations and Elections Committee who is willing to serve.

Section 12.
The election ballot for Division Representative(s) shall contain the name of the Member-at-Large of the Executive Committee who will complete the term of that office in the year of election. It shall also contain, at most, the name of the nominee standing highest, and willing to serve, on the nomination ballot for Division Representative(s), and the name of one or two persons nominated by the Nominations and Elections Committee who is willing to serve.

Section 13.
The election ballot for Member-at-Large of the Executive Committee shall contain, at most, the names of the two nominees standing highest, and who are willing to serve, on the nomination ballot for this office. The election ballot shall also contain the name(s) of up to three persons nominated by the Nominations and Elections Committee, and willing to serve. It is intended that the Members-at-Large be elected from among the newer Members of the Division; therefore, the Nominations and Elections Committee is urged to seek nominees for Members-at-Large who shall have been Members of the Division for less than three years at the time of election.

Section 14.
Officers shall assume office on the first day following the close of the annual business meeting after their election and shall hold office until their successors are elected and accept office in their stead.

ARTICLE IV
EXECUTIVE COMMITTEE

Section 1.
There shall be an Executive Committee of the Division consisting of all Officers of the Division; these shall include the President, the Immediate Past President, the President-Elect, the Secretary / Treasurer, the Division Representative(s), the three Members-at-Large of the Executive Committee, and the Chair of the Program Committee.

Section 2.
The Executive Committee shall have general supervision of the affairs of the Division. All actions of the Executive Committee which are of a continuing or policy nature are subject to the approval, by majority vote, of the membership present and voting at an annual business meeting, or by mail ballot, as provided in Article III of these By-Laws.

Section 3.
The President of the Division shall be Chair of the Executive Committee, and the Secretary / Treasurer shall be Secretary / Treasurer of the Executive Committee.

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Section 4.
The President, in consultation with members of the Executive Committee, shall appoint such chairpersons and members of committees as are provided for in Article V of these By-Laws.

ARTICLE V
COMMITTEES

Section 1.
The committees of the Division shall consist of such standing committees as may be provided by these By-Laws, and such special committees as may be established by majority vote of the membership of the Division or by majority vote of the Executive Committee. Unless otherwise provided for, committees shall serve for the term of the President.

Section 2.
The Membership Committee shall be a standing committee consisting of three persons, one appointed by each incoming president to serve a 3-year term. The Chair of the Committee shall be the individual in the second year of their term. The Fellows Committee shall be a standing committee consisting of three persons, one appointed by each incoming president to serve a 3-year term. The Chair of the Committee shall be the individual in the second year of their term. This committee shall examine the qualifications of Members to become Fellows of the Division, and may recommend to the Executive Committee and the APA those Members who meet the Fellows membership requirements.

Section 3.
The Program Committee shall be a standing committee consisting of one person designated by the President to act as Chair of this Committee who shall serve as a member of the Executive Committee, and two other persons. It shall be the duty of this Committee to make arrangements for programs in cooperation with the Convention Program Committee of the APA and for any other meeting in which the Division participates.

Section 4.
The Nominations and Elections Committee shall be a standing committee consisting of the President-Elect as Chair and other members as needed. It shall be the duty of this Committee to carry out the provisions of Article III of these By-Laws.

ARTICLE VI
MEETINGS

Section 1.
There shall be at least one annual business meeting of the Division each year. There may be additional meetings of the Division if the membership so decides at any annual business meeting.

Section 2.
A quorum at the annual business meeting shall consist of not less than 5 percent of the total Fellows and Members of the Division.

Section 3.
The rules contained in the current edition of Robert's Rules of Order Newly Revised shall govern the Division in all cases to which they are applicable and in which they are not inconsistent with these By-Laws or with any special rules of order which the Division may adopt.
Section 4.
Any member of the Division can introduce agenda items and topics for discussion, review, or action by the Division at its annual meeting or at additional meetings. The procedure for introducing such topics is to send them in writing to the Secretary/Treasurer, or to any member of the Executive Committee.

ARTICLE VII
FINANCES

Section 1.
The Division is an integral component of the APA, a non-profit corporation of the District of Columbia, organized in accordance with Section 503(c)(3) of the Internal Revenue Code.

Section 2.
Dues and assessments shall be recommended by the Executive Committee and shall be decided by majority vote of the membership present and voting at an annual business meeting, or by mail ballot, as provided in Articles III and V of these By-Laws.

Section 3.
Membership dues shall be paid as provided in Article XIX, of the By-Laws of the APA. Affiliates of the Division, who are not members of the APA, shall pay annual dues, assessments, or special dues when billed by the Division Services Office of the APA. Nonpayment of dues for two years shall be considered as equivalent to request for resignation from the Division.

Section 4.
In the event of dissolution or termination of the Division, title to and possession of all of the property of the Division shall pass forthwith to the APA.

ARTICLE VIII
AMMENDMENT OF BY-LAWS

Section 1.
The Division, by vote of two-thirds of the membership present and voting at any annual business meeting, or by a majority vote of the membership of the Division voting by mail ballot, as provided in Article II of these By-Laws, may adopt such amendments to these By-Laws as have been (a) presented and read at the preceding annual business meeting, or (b) circulated to the membership at least two months prior to the final vote on the proposed amendments. Circulation may be carried out either by publication in a journal of the APA, the Division Newsletter, or by mailing or emailing to the last known addresses of the membership.

Modification approved by membership at the annual meeting, August 11, 1996, Toronto, Ontario, Canada Modification approved by members at the annual meeting, August 16, 1997, Chicago, Illinois.
American Psychological Association (APA) Council of Representatives
Division 21 Representatives Report from the APA-COR Meeting
February 16-18, 2007, Washington, D.C.

Report by
Henry L. Taylor
Representative of Division 21
Applied Experimental and Engineering Psychology

Update from APA President, Sharon Brehm

New Task Groups Initiated
✦ Integrative Health Care and Aging
✦ Math and Science Education (Nora Newcombe)
✦ Institutional Review Boards and Psychological Science (Thomas Eissenberg, Chair and Daniel Ilengen, APA point person)

Theme of the APA Conference in San Francisco is “Building Bridges.”

CEO Update (Norman Anderson)

Strategic Plan

APA does not have a strategic plan. Individual task groups and divisions have their respective strategic plans, but APA Central does not have a coordinated strategic plan. Dr. Anderson now wants to have one because it will help us to move forward in a unified way, and have more impact in achieving significant goals. Many similar organizations have strategic plans. When Dr. Anderson came into office he developed a set of “points of emphasis” and they have helped to guide his own direction for the organization to date.

In 2005 APA Board started discussions about an APA strategic plan (Tom DeMaio took the lead), and a draft planning process was developed and discussed with Council and the Policy and Planning Board (P&P). The final planning process and product will have three parts --- Major Goals (from Council), Board and Committee sub-goals (tied to each of the major goals), resulting in priorities (specific activities) that board and committees will undertake over a five-year period to accomplish the major goals. The budget process should flow from this; Executive Directors will be asked to set aside the priorities that the Boards and Committees are conducting to address/contribute these goals.

The process will start with using Policy and Planning Committee’s current list of priorities and use a short list to get started; by next year at this time, it is hoped that APA will have the APA new strategic plan in place.

Diversity Initiative

There has been a task group on diversity headed by Dick Suinn, and the resulting report from the TFED was released in 2005, and in August of 2005 Council adopted a resolution supporting the findings of the TFED.

One of the recommendations was a 2006 “Welcomeness Survey” with a focus on diversity. Resulting in a survey (random sample of APA members and student affiliates, and non-members who attended the 2006 convention). The survey asked about participation, climate, size, visibility/voice, and activities (relevance to members’ interests), access (perception of barriers to participation), overall perception of welcoming. Results showed that early career respondents were more likely to “disagree” that the climate was not welcoming, and people with disabilities found the conference not accessible, and more likely to agree that lobbying efforts reflected a variety of diverse interests.

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APA Website Update
Remains a significant focus for the Central Office; progress is being made on many fronts (content management system, taxonomy, design, etc.). On schedule for a December 2007 roll-out

New Chief Information Officer, Dr. Tony Habash
Dr. Anderson introduced the new Chief Information Officer, Dr. Tony Habash, who joins APA from AARP.

American Psychology Foundation (APF)
APF is the APA philanthropy arm and is in the second half of a challenge grant campaign initiated by Barbara Golden. Last Year APF raised $40,000 and received a $10,000 Challenge Grant match.

Ethics and Interrogations Committee
- The committee studying these issues has proposed and begun the planning for an event entitled “Ethics and Interrogations: Confronting the Challenge,” a series of nine sessions at the upcoming APA 2007 Convention in San Francisco. The Committee has been working on a consensus document on these issues, and Dr. Neil Altman has drafted a resolution entitled "Collaborating Toward Consensus," (see www.apa.org/ethics)
- At Council’s directive, a casebook/commentary on the PENS report will be conducted. Contributed to the development of an “Army Field Manual for Interrogation”, to include an item which asks “if the technique/approach were directed toward a fellow countryman who is being held as a detainee/prisoner, would you consider it abuse?”

Proposal Regarding Concurrent Accreditation with Canada
Council passed a motion to discontinue, via a long-term and articulated phase-out plan, the arrangement between APA and the Canadian Psychology Association (CPA) to concurrently accredit doctoral education and training programs.

Revision of APA Record Keeping Guidelines
Council approved revised Record Keeping Guidelines developed by the board of Professional Affairs (BPA) Committee on Professional Practice and Standards (COPPS).

Financial Affairs Presentation by Jack McKay, APA CFO
- Overview of Financial Structure
  ✦ Includes long-term investments, real estate, and the operating budget.
  ✦ APA also does the following: accounting for 43 divisions; group tax filing for 49 divisions; administration of 20 divisions
  ✦ Long-term portfolio compositions include: Two-thirds of the portfolio is in large-cap value (57%) and in growth (17%).
  ✦ Real estate holdings include buildings whose total worth is $135 million equity ($75 millions dollars for First St. building and $60 in 10 G. St. – a second investment building);

Overview of 2006 Budget
2006 year end probable net operating budget is $313,000
Close to $50 million dollars in net worth at the end of 2006

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2007 Proposed Budget

Need to be thinking about the possible loss of membership through the aging process (since so much of our income comes from membership dues); dues and fees are now only 14% of revenue.

Subscription and Electronic revenues – increasing revenue from electronic (rather than print) products; produces 68% of the income.

Personnel costs are growing again (after voluntary reduction program in 2002); staff salaries and benefits are 46% of the projected budget; actually staff numbers now in 2006 are 555; turnover rates are 16.25% (which is lower than other kinds of similar such organizations).

The 2007 budget now looks to have only $23,000 net from operating.

APA Policy on Workforce Analysis
Council approved funds to support the hiring of professional staff in the APA Center for Psychology workforce Analysis and Research.

Task Force on Guidelines for Assessment and Treatment of Persons with Disabilities
Council approved funds to support two meetings in 2007 for a Task Force on Guidelines for Assessment and Treatment of Persons with Disabilities; the purpose of the task force is to develop evidence-informed guidelines for the assessment and treatment of persons with disabilities.

Task Force on Evidenced-based Practice with Children and Adolescents
Council approved funds to support two meetings in 2007 for a Task Force on Evidenced-based Practice with Children and Adolescents.

Working Group on Cultural Competency in Geropsychology
Council approved funds to establish a Working Group on Cultural Competency in Geropsychology and to support one meeting in 2007.

Revision of APA Record Keeping Guidelines
Council approved the revised Record Keeping Guidelines that were developed by the Board of Professional Affairs (BPA) Committee on Professional Practice and Standards (COPPS).

Establishment of a Strategic Planning Process
Council approved establishing a Strategic Planning Process for the Association in which the CEO of APA will be responsible for on an ongoing basis, and must report annually to Council on the status, results, and implications. Later a motion was approved to reconsider in order that the CEO can revise the APA mission statement as part of the strategic planning process. The amended motion to include revising the APA mission statement as part of the Strategic Planning Process was approved.

Resolution Rejecting Intelligent Design as Scientific
Council passed a resolution rejecting intelligent design as scientific and reaffirming support for evolutionary theory.
**APA Council of Representatives Meeting Continued ...**

*Continued from page 25*

**Breakout Groups on Select Issues**

Council members participated in one of the following breakout group topics: new roles for practice and psychology: what are they and how do they influence education for psychologists?; training for applied psychology and international standards; social justice; fostering you psychologists into APA leadership; changing role of diversity in science and practice in psychology; mutual reciprocity of science and practice; globalization of psychology in the 21st Century; implications of the new guidelines for record keeping for training and practice; and how we can acknowledge behavioral science as the premier health sciences. The chairs of the break-out groups presented reports to Council. A record of the reports will be used to develop future Council.

**Task Force on Military Deployment Services for Youth, Families & Service members**

Michelle Sherman, Co-Chair of the task force, reviewed the background, task force members, the report limitations, the existing programs, barriers to care, and the report recommendations. The Council voted to adopt the report and approved the establishment of a two-year Task Force on the Psychological Needs of the U. S. Military Service Members and Their Families. The Task Force will review the preliminary findings of the approved report so that a long-term plan of action with specific recommendations for APA regarding mental health of service members and their families may be developed and presented to Council.

The next meeting of APA Council is in San Francisco, August, 2007.

Respectfully submitted:

Henry L Taylor