



**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]	8/14 Thu: 8:00 AM - 9:50 AM	Westin Boston Waterfront Hotel Hale Room
Symposium (S): Highlighting Engineering Psychology at the Georgia Institute of Technology	8/14 Thu: 10:00 AM - 11:50 AM	Boston Convention and Exhibition Center Meeting Room 104C

Chair

Wendy A. Rogers, PhD

Participant/1stAuthor

Elsa Eiriksdottir, MS

*Title: Problem Solving and Educational Technology Lab*

Nicholas J. Kelling, MS

*Title: The Time Is Now! Vehicles Must Fully Adapt to Drivers, Not Just Their Radio Stations*

Bruce N. Walker, PhD

*Title: Engineering Psychology in the Georgia Tech Sonification Lab*

Ken Hailston, MS

*Title: Examining the Effects of Simultaneous Feature Priming on Target Identification and Localization Tasks in Visual Search*

Cara B. Fausset, BS

*Title: Toward an Understanding of Successful Aging in Place: A Needs Analysis*

Andrew K. Mayer, BS

*Title: Effects of Automation Reliability, Error Type, and Age on Reliance and Compliance Behavior*

C.J. Hutto, MS

*Title: Human Systems Integration at GTRI: Improving Human Performance for the U.S. Navy*

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Symposium (S): Psychologists Look at Aviation Safety Today and Prepare for the Future	8/14 Thu: 12:00 PM - 12:50 PM	Boston Convention and Exhibition Center Meeting Room 150
<u>Chair</u>		
David J. Schroeder, PhD		
<u>Participant/1stAuthor</u>		
Carla A. Hackworth, PhD <i>Title: Online Human Factors Analysis and Classification System</i>		
Scott A. Shappell, PhD <i>Title: Toward a Better Understanding of Pilot Weather Decision Making</i>		
Thomas R. Chidester, PhD <i>Title: Sharing Airline Flight Data and Safety Reports to Identify and Reduce Risk</i>		
Jerry M. Crutchfield, PhD <i>Title: Air Traffic Controller Human Factors in the NextGen System: Identifying the Issues</i>		
Carol A. Manning, PhD <i>Title: Selection and Training of Controllers for the NextGen Environment</i>		
Invited Address (S): [Karsh]	8/14 Thu: 1:00 PM - 1:50 PM	Boston Convention and Exhibition Center Meeting Room 257A
<u>Chair</u>		
Frank A. Drews, PhD		
<u>Participant/1stAuthor</u>		
Ben-Tzion Karsh, PhD <i>Title: Moving Beyond the Status Quo: Using Human Factors and Psychology to Change the Conversation About Health Care Quality and Safety</i>		
Poster Session (F): [Poster Session]	8/14 Thu: 3:00 PM - 3:50 PM	Boston Convention and Exhibition Center Exhibit Halls A and B1
<u>Participant/1stAuthor</u>		
Adrian Musters, BS <i>Title: Model for Understanding Task, Interruption, Person, and Effect Relationships</i>		
Frank A. Drews, PhD <i>Title: Text Messaging While Driving</i>		
Lee Gugerty, PhD <i>Title: Effects of Map Configuration in Electronic Map Displays</i>		
Patrick D. Lorimer, BS <i>Title: Data Displays for the ICU: Problems and Solutions</i>		

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Presidential Address (N): [Durso]  <u>Participant/1stAuthor</u> Francis T. Durso, PhD <i>Title: Safer by Analogy: Aviation and Patient Safety</i>	8/14 Thu: 4:00 PM - 4:50 PM	Westin Boston Waterfront Hotel Paine Room
Business Meeting (N): [Business Meeting]	8/14 Thu: 5:00 PM - 5:50 PM	Westin Boston Waterfront Hotel Paine Room
Symposium (S): Applying Spatial Cognition to Complex Tasks and Tools	8/15 Fri: 8:00 AM - 9:50 AM	Boston Convention and Exhibition Center Meeting Room 104B
<u>Cochair</u> Lee Gugerty, PhD Sarah Creem-Regher, PhD		
<u>Participant/1stAuthor</u> Madeleine Keehner, PhD <i>Title: Spatial Skills and Visualization in Medicine</i> Holly Taylor, PhD <i>Title: Spatial Depictions and Descriptions and the Application to GPS Development</i> Barbara Tversky, PhD <i>Title: Spatial--Cognitive Principles of Graphic Displays</i> Dennis R. Proffitt, PhD <i>Title: Influence of Computer Displays on Spatial Knowledge and Memory</i> Harvey S. Smallman, PhD <i>Title: Terrain Simplification for Route Laying: When Less Can Be More</i> Caroline Cao, PhD <i>Title: Navigation in a Nonrigid Environment: Colonoscopy</i> Glenn Gunzelmann, PhD <i>Title: Spatial Aspects of Unmanned Aerial Vehicle Reconnaissance: A Computational Cognitive Modeling Approach</i>		
Invited Address (S): [Nickerson]	8/15 Fri: 2:00 PM - 2:50 PM	Boston Convention and Exhibition Center Meeting Room 157B
<u>Chair</u> Francis T. Durso, PhD		
<u>Participant/1stAuthor</u> Raymond Nickerson, PhD <i>Title: From Vacuum Tubes to Nanochips and Beyond: Changing Challenges to Applied Experimental and Engineering Psychology in the Information Age</i>		

## DIVISION PROGRAM SUMMARY SHEET

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Workshop (N): Games to Explain Human Factors---Come, Participate, Learn, and Have Fun	8/15 Fri: 3:00 PM - 3:50 PM	Boston Convention and Exhibition Center Meeting Room 156C
<u>Cochair</u>		
Sharon Grossman, MA, MS		
Ronald G. Shapiro, PhD, MA		
<u>Participant/1stAuthor</u>		
Riki S. Koenigsberg, PhD		
Eileen M. McKenna, MS, BS		
James F. Chace, Jr., MBA, MEd		
Invited Address (N): Award Session	8/15 Fri: 4:00 PM - 4:50 PM	Boston Convention and Exhibition Center Meeting Boom 156B
<u>Chair</u>		
Francis T. Durso, PhD		
<u>Participant/1stAuthor</u>		
Rob Gray, PhD		
<i>Title: Vision in Driving, Flying, and Sports</i>		
Julian Sanchez, PhD		
<i>Title: Effects of False Alarms and Misses as a Function of System State</i>		
Paper Session (N): Review and Current Status of Cognitive Fatigue Research	8/15 Fri: 5:00 PM - 5:50 PM	Boston Convention and Exhibition Center Meeting Boom 156B
<u>Chair</u>		
Frank A. Drews, PhD		
<u>Participant/1stAuthor</u>		
Phillip L. Ackerman, PhD		
<i>Title: Review and Current Status of Cognitive Fatigue Research</i>		
Symposium (S): Collaborative Systems in Health Care---Implications for Improving Patient Safety	8/16 Sat: 8:00 AM - 9:50 AM	Boston Convention and Exhibition Center Meeting Room 158
<u>Chair</u>		
Daniel G. Morrow, PhD		
<u>Participant/1stAuthor</u>		
Jiajie Zhang, PhD		
<i>Title: Distributed Cognition and Information Technology in Collaborative Work</i>		
Yan Xiao, PhD		
<i>Title: Coordination and Workflow of Operating Rooms: Technology Support for Collaboration</i>		
Douglas Wiegmann, PhD		
<i>Title: Mechanisms of Error Management in Health Care Systems: Theory and Application</i>		

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Symposium (S): Interruptions Across Applied Domains	8/16 Sat: 10:00 AM - 11:50 AM	Boston Convention and Exhibition Center Meeting Room 158

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Chair

Chris Monk, PhD

Participant/1stAuthor

Mary Czerwinski, PhD

*Title: Human--Computer Interaction*

Loukia D. Loukopoulos, PhD

*Title: Aviation*

Mark St. John, PhD

*Title: Military*

Chris Monk, PhD

*Title: Driving*

Greg Trafton, PhD

*Title: Theoretical Perspective*

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Symposium (S): Decision Making in Dynamic and Complex Environments	8/16 Sat: 12:00 PM - 12:50 PM	Boston Convention and Exhibition Center Meeting Room 257B
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Chair

Cleotilde Gonzalez, PhD

Participant/1stAuthor

Poornima Madhavan, PhD

*Title: Human--Automation Interaction in Dynamic-Decision Environments: Role of Individual Differences*

Angela Brunstein, PhD

*Title: Steak Tonight? Estimating the Likelihood Based on Earlier Dinner Experience*

Wei Siong Neo, BA

*Title: Innate and Learned Trust in Economic Situations*

Varun Dutt, MA

*Title: Human Perceptions in Climate Change*

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Invited Address (S): Franklin Taylor Award	8/16 Sat: 1:00 PM - 1:50 PM	Boston Convention and Exhibition Center Meeting Boom 156B
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Chair

Scott A. Shappell, PhD

Participant/1stAuthor

Robert Helmreich, PhD

*Title: From Charm School to Threat and Error Management: The Evolution of Human Factors Training in Aviation and Medicine*

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Symposium (S): Aging, Health, and Technology---Findings From CREATE	8/17 Sun: 8:00 AM - 9:50 AM	Boston Convention and Exhibition Center Meeting Room 156C
<u>Chair</u>		
Sara J. Czaja, PhD		
<u>Participant/1stAuthor</u>		
Sara J. Czaja, PhD		
<i>Title: Technology and Access to Health Care Services Among Older Adults</i>		
Kelly E. Caine, MS		
<i>Title: Age, Health, Race, and Income in Health-Related Search</i>		
Joseph Sharit, PhD		
<i>Title: Effects of the Internet on Older Adult Health Information Needs and Patient--Physician Interaction</i>		
Neil Charness, PhD		
<i>Title: Maintaining a Healthy Work Environment: Office Ergonomics at Work and Home for Younger and Older Workers</i>		
Symposium (S): Attention and Dual-Task Control in Natural Settings	8/17 Sun: 10:00 AM - 11:50 AM	Boston Convention and Exhibition Center Meeting Room 161
<u>Chair</u>		
David L. Strayer, PhD		
<u>Participant/1stAuthor</u>		
Chris Wickens, PhD		
<i>Title: Multiple Resources Models of Attention</i>		
Dario Salvucci, PhD		
<i>Title: Threaded Cognition and Driver Distraction</i>		
Benjamin K. Bergen, PhD		
<i>Title: Crosstalk Hypothesis: Why You Can Walk and Chew Gum but Not Talk and Drive</i>		
Jason Watson, PhD		
<i>Title: Individual Differences in Cognitive Control: Using Operation Span to Measure Individual Differences in Cell Phone-Induced Driver Distraction</i>		
Paper Session (S): Engineering Psychology Mix	8/17 Sun: 12:00 PM - 12:50 PM	Boston Convention and Exhibition Center Meeting Room 161
<u>Chair</u>		
Frank A. Drews, PhD		
<u>Participant/1stAuthor</u>		
Rob Gray, PhD		
<i>Title: Using Multisensory Information About the Success of a Baseball Swing</i>		
Kerstan S. Mork, MA		
<i>Title: Effects of Route Type on Situation Awareness While Driving</i>		
Heidi S. Kramer, BS		
<i>Title: Decision Making in Public Health</i>		

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**Total Number of Sessions = 19**