

Panel Biographical Information



Ellen J. Bass (Moderator)

Drexel University

Senior Associate Dean of Research, College of Computing & Informatics (CCI)

Professor, Dept. of Information Science, CCI

Professor and Chair, Dept. of Health Systems and Sciences Research, College of Nursing & Health Professions

My track record as a servant leader for the society spans a range of leadership, mentorship, and scholarly activities. At the society leadership level, I serve as the Secretary-Treasurer Elect. I also am a member of the Ethics Task Force where we are reviewing the society's code of ethics, statement of appropriate conduct and other policies. With respect to scholarly activities, I am a member of the editorial boards for the Journal of Cognitive Engineering and Decision Making (JCEDM) and for Human Factors and have co-edited two special issues of JCEDM. I am a member of the program committee for the Health Care IT track for the HFES Symposium on Human Factors & Ergonomics in Health Care. I have also served at the technical group (TG) level as Chair, Program Chair, Secretary/Treasurer, and Newsletter Editor for the Cognitive Engineering and Decision Making (CEDM) TG.



Professor Caroline G. L. Cao

Wright State University

Professor, Biomedical, Industrial and Human Factors Engineering

Caroline G. L. Cao is a Professor of Biomedical, Industrial and Human Factors Engineering at Wright State University. She was the endowed Ohio Research Scholar from 2012 to 2015. Prior to arriving at WSU, she was at Tufts University where she was the Director of the Human Factors Program in the School of Engineering, and faculty in the Departments of Mechanical Engineering and Biomedical Engineering. Her research is in the area of human factors of medical systems, focusing on the design and evaluation of enabling technology (e.g., robotics, image guidance, haptics) for minimally invasive surgery, training of surgical skills in training simulators, and decision-making and team communication in the operating room. She is a recipient of the National Science Foundation Career Award, a recent US Fulbright Scholar, and the International Chair of RFI Atlantic 2020. Professor Cao is an elected Fellow of the Human Factors and Ergonomics Society.

Professor Cao has a long history of service to HFES, beginning as the president of the HFES Student Chapter at the University of Toronto, Human Factors Interest Group (HFIG). She was elected the Healthcare TG Technical Program Chair, Healthcare TG Program Chair, and Secretary-Treasurer of HFES. Her other non-elected service roles include Chair of the COTG and Budget and Finance Committee, Chair of the Chapanis Best Student Paper Award, Chair of the Human Factors Prize, member of the Fellows Selection Committee, Chair of the Nominations and Election Committee, Chair of Crisis

Management Committee, Associate Editor for Human Factors, and co-Founder of the Early Professionals Group.



Dr. Nancy J. Cooke

Arizona State University
Professor, Human Systems Engineering

Dr. Nancy J. Cooke is a Professor of Human Systems Engineering at Arizona State University and directs ASU's Center for Human, AI, and Robot Teaming. She received her PhD in Cognitive Psychology from New Mexico State University in 1987. Dr. Cooke is a past President of the Human Factors and Ergonomics Society and recently chaired a study panel for the National Academies on the Enhancing the Effectiveness of Team Science. Dr. Cooke was a member of the US Air Force Scientific Advisory board from 2008-2012. Dr. Cooke's research interests include the study of individual and team cognition and its application to the development of cognitive and knowledge engineering methodologies and human-AI-robot teaming in defense operations, urban search and rescue, and distributed space operations. Her work is funded primarily by DoD.

HFES Service

2013-present Associate Editor, Human Factors
2014-present Chair, William C. Howell Young Investigator Award for HFES
2015-2018 HFES President Elect, President, and Immediate Past President
2013-2015 Member, Human Factors and Ergonomics Society Blue Ribbon Task Force
2010-2013 Cognitive Track Editor, *Human Factors*
2011-2015 *Human Factors* Prize Board of Referees (chair 2011-2013)
2007-2013 Human Factors and Ergonomics Society, Executive Council Member-at-Large

- 2007: Accreditation Taskforce chair
- 2008: Federal Spending Taskforce chair

2006-2009 Fellow Selection Committee
2005-2009 Editor, *Human Factors*
2001-02 HFES Cognitive Engineering and Decision Making TG program chair
2000-present Human Factors and Ergonomics Society Fellow



Dr. Kermit G. Davis

University of Cincinnati
Associate Professor, Environmental Health

Dr. Kermit Davis is a Professor at the University of Cincinnati where he is the Graduate Program Director of the Industrial Hygiene and Occupational Ergonomics Programs. He became a Fellow of HFES in 2013 and American industrial Hygiene Association (AIHA) in 2019. His research has gained national and international recognition by receiving prestigious awards including: Volvo Award in Low Back Pain Research in Biomechanical Studies for the International Society for the Study of the Lumbar Spine (2002), Alice Hamilton Award in Human Services (2003), Liberty Mutual Prize for the International Ergonomic Society (2003) and Bernice Owen Award of Research in Safe Patient Handling (2018). His research has

concentrated on reducing ergonomic stressors of healthcare workers and patients in healthcare settings (e.g. hospitals, long-term care facilities, and home health care).

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| Treasurer of Local Chapter of Human Factors and Ergonomics Society (HFES) | 2003 |
| President-Elect of Local Chapter of HFES | 2004 |
| President of Local Chapter of HFES | 2005 |
| Past-President of Local Chapter of HFES | 2006 |
| Chair of Student Paper Award for IE Technical Group of HFES | 2003-2005 |
| Chair of HFES Alphonse Chapanis Best Student Paper Award | 2004-2007 |
| Program Chair of Industrial Ergonomics Technical Group of HFES | 2007-2008 |
| Division Chair of Scientific Publications of HFES | 2007-2011 |
| Host Relations Chair for the Host Committee for the HFES conference | 2010 |
| Member of Policy and Planning Committee of the HFES | 2009-2012 |
| Member of Professional Standards Committee of the HFES | 2010-2012 |
| Chair of Host Committee for the HFES conference | 2011 |
| Chair of task force to establish Student Fund for HFES | 2011-2014 |
| Chair of Finance and Budget Committee of the HFES | 2012-2013 |
| Member of Finance and Budget Committee of the HFES | 2011-2014 |
| Chair of Nominations and Elections Committee of the HFES | 2011-2012 |
| Member of Nominations and Elections Committee of the HFES | 2012-2013 |
| Secretary-Treasurer-Elect of the HFES | 2011-2012 |
| Secretary-Treasurer of the HFES | 2012-2013 |
| Secretary-Treasurer-Past of the HFES | 2013-2014 |
| Member of the Patient and Health-Care Provider Safety track for the HFES Healthcare Symposium | 2014-2015 |
| Chair of the Patient and Health-Care Provider Safety track committee for the HFES Healthcare Symposium | 2015-2016 |
| Co-Chair and co-developer of ERGO-X conference | 2014-2020 |
| At-large member of Executive Council, HFES | 2015-2017 |
| Chair of Human Factors Prize committee | 2015-2016 |
| Member of Finance and Budget Committee of the HFES | 2015-2016 |
| Chair of Task Force on Ambassador Program for the HFES | 2015-2016 |
| Member of Special Operations Task Force of the HFES | 2016-2018 |
| Member of Executive Director Selection Task Force of the HFES | 2016-2018 |
| President-Elect of the HFES | 2017-2018 |
| President of the HFES | 2018-2019 |
| President-Past of the HFES | 2019-2020 |
| Member of Finance and Budget Committee of the HFES | 2017-2019 |
| Member of Policy and Planning Committee of the HFES | 2017-2020 |
| Member of Executive Committee of the HFES | 2017-2019 |
| Chair of Executive Committee of the HFES | 2018-2019 |
| Chair of Meetings Policy Committee of the HFES | 2017 |
| Chair of AMC Transition Task Force of the HFES | 2018 |
| Chair of Virtual Meeting Planning Committee of the 2020 HFES annual meeting | 2020 |



Dr. Richard J. Holden

Indiana University
Associate Professor of Medicine

Dr. Richard J. Holden is an Associate Professor of Medicine at the Indiana University (IU) School of Medicine. In July 2021, he will become the inaugural chair of the Department of Health and Wellness Design at the IU School of Public-Health Bloomington, with the title Professor and Dean's Eminent Scholar.

Dr. Holden is a leader in the application of human factors and ergonomics to the health-related work of patients and families. His and others' work in this emerging area is celebrated in the 2021 two-volume set titled *The Patient Factor: A Handbook on Patient Ergonomics* (Holden & Valdez, CRC Press). Dr. Holden is a Regenstrief Institute Venture Fellow and entrepreneur, designed and deployed multiple digital health solutions, and developed a variety of methods and tools used by multidisciplinary researchers and practitioners. He is author of over 150 books and articles and his work has been supported by over \$75M in federal grants and contracts.

Elected HFES service: Executive Council member at-large (2017-20); METG program chair (2015-17) and newsletter editor (2011-13).

Appointed HFES service: White Papers Committee (chair), Healthcare Symposium Health IT Track co-chair and committee member; (sub)committee member (Diversity & Inclusion, Governmental Relations – Law Enforcement); task force member (Mission & Vision, Awards Review, Healthcare HFE Publication, Position Papers, Executive Director Selection); reviewer for multiple HFES awards (Ely, Chapanis, mHealth Student Design Competition), conferences, and journals.



Dr. Carolyn Sommerich

The Ohio State University
Associate Professor, Department of Integrated Systems Engineering

Dr. Carolyn Sommerich is on the faculty of the Department of Integrated Systems Engineering at The Ohio State University, and also has an appointment in the School of Health and Rehabilitation Sciences at OSU. Her primary focus in teaching and research is ergonomics and biomechanics.

Dr. Sommerich joined HFES as a student. While she was a student, she was elected to the position of IETG newsletter editor. In 2002, she was elected to serve a 3-year term on the Executive Council, as a Member-at-Large. She was elected to serve as the Education TG Chair (a two-year position; for the 2008 and 2009 Annual Meetings). Most recently, she served in the elected position of HFES Secretary-Treasurer.

She has also served in several appointed positions: member and then Chair of the Professional Standards Committee, Chair of the Professionalism Division (which became the Education Division), Workshops Co-chair, member and current Chair of the Diversity & Inclusion Committee, Chair of the (very under resourced and time constrained) New Website and Database Task Force, member of the Awards Review Task Force, and she is currently an Associate Editor of the HF journal.