

CURRICULUM VITAE
ALAN HEDGE, PhD, CPE, C.ErgHF, FIEHF, FHFES, FIEA
CCSF Faculty Fellow

Nationality American & British (European)
Telephone: 607-255-1957 (office)
Mobile: 607-227-1728
Fax: 607-255-0305 (office)
E-mail: ah29@cornell.edu
Internet: <http://ergo.human.cornell.edu>

ACADEMIC POSITION:

Professor
Department of Design and Environmental Analysis
2415 Martha Van Rensselaer Hall
NYS College of Human Ecology
Cornell University
Ithaca, NY 14853-4401

UNIVERSITY EDUCATION

Bachelor of Science (First class) Special Honors in Zoology.
Subsidiary subjects Physiology and Biochemistry.
University of Sheffield, 1970.
Master of Science, Zoology
University of Sheffield, 1971.
Master of Science, Applied Psychology.
Aston University, 1972.
Doctor of Philosophy, 1972-74.
Submitted and awarded for thesis in Cognitive Psychology
University of Sheffield, 1979.

CURRENT PROFESSIONAL BODIES

Certified Professional Ergonomist (CPE), Board of Certification of
Professional Ergonomists (2003)
Chartered Ergonomist (C.ErgHF) (2013)
Fellow, International Ergonomics Association (IEA)
Fellow, The Human Factors and Ergonomics Society (U.S.A.) (FHFES)
Fellow, The Institute of Ergonomics and Human Factors (U.K.) (FIEHF)

PROFESSIONAL ACTIVITIES

Program chair, National Ergonomics Conference and Exposition 2013,
2014, 2015
IEA Representative for Environmental Design (2011-)
Atkinson Center for Sustainable Futures Faculty Fellow (2009-)

PAST PROFESSIONAL ACTIVITIES

Co-leader, Human Health and Performance Research Theme, Star Center
for Environmental Quality Systems (<http://eqs.syr.edu/>)

Member, Advisory Council, The National Ergonomics Conference and Exposition (1999 - onwards)
Associate Fellow of the British Psychological Society (AFBPsS)
Founding Member, International Society of Indoor Air Quality and Climate
Member, Illuminating Engineering Society of North America
Member, Scientific Advisory Committee, Applied Human Factors and Ergonomics 3rd International conference, 2010
Member, Healthy Buildings 2009, Technical Program Committee
Member, International Conference on Research into Design (ICoRD'09)
Member, American Psychological Association (1987-2008)
Member, Association for Psychological Science
Member, ODAM 08 program committee
Member, NASA Space Human Factors: Super Problem Resolution Team
Member, NASA Space Human Factors Engineering Science & Technology Working Group (200-2007)
Member, ASID Technical Review Board (TRB) of the Clearinghouse for Design and Human Behavior Research (2002-2005)
Chair, International Ergonomics Association Technical Group on Work Environment Ergonomics (Work Environment Design) (1993-)
Chair, TAG to ISO TC 159/SC5 (1995-1997, 2003 – onwards)
Chair, Organizational Design and Management Technical Group, The Human Factors and Ergonomics Society (HFES) (1995)
Chair, Work Environment Subcommittee
ANSI/HFS 100 VDT Standard Revision Committee
The Human Factors and Ergonomics Society (HFES) (1992-1995)
Member, New York Academy of Sciences, (1996/97).
Chair, ASTM Task Group (E06.25.02) on Behavioral Tools for Assessing Facility Design and Productivity, American Society for Testing and Materials (1990-1993)
Executive officer (Past President), Division of Environmental Psychology International Association of Applied Psychology (IAAP), (1986-1990).
Executive officer (President), Division of Environmental Psychology International Association of Applied Psychology (IAAP), (1982-1986).
Past Member (IAPS), International Association for their Study of People in their Physical Surroundings (1984-1988).
Past Member, Organizing Committee, International Society of Facilities Executives, (1990-1993).

CURRENT EDITORIAL ACTIVITIES

Consulting Editor, Ergonomics
Editorial Board, WORK: A Journal of Prevention, Assessment & Rehabilitation
Editorial Board, Theoretical Issues in Ergonomics
Editorial Board, International Journal of Human Factors and Ergonomics
Editorial Board of the Journal of Environmental Psychology
Editorial Board of the Journal of Architectural and Planning Research.
Editorial Board of the Journal of Human Environment Systems

Editorial Board of Occupational Safety and Health: Workplace Ergonomics
Editorial Board of SpineUniverse.com (<http://www.spineuniverse.com>)
Editorial Board of HealthyComputing.com (<http://www.healthycomputing.com>)
Editorial Board of the Open Ergonomics Journal (<http://www.bentham.org/open/toergj/>)

CONSULTING REVIEWER

Behavior and Information Technology
International Journal of Industrial Ergonomics
Applied Ergonomics
Psychological Bulletin
Psychological Reviews
Current Psychological Research
Perceptual and Motor Skills
Human Factors
Indoor Air
Environment International
Journal of Work and Stress
Journal of Aerosol Science

AWARDS REVIEWER

Workers Compensation Board, B.C., Canada
NSERC, Canada
NZ Institute for Health
US Environmental Protection Agency
Center for Indoor Air Research
Royal Institute of British Architects Research Awards
College of Human Ecology

ADVISORY BOARDS

Patron, Get Britain Standing campaign, 2014.
(<http://getbritainstanding.org/partners.php>)
Ergoweb Media Advisory Board (www.ergoweb.com)
Co-leader, Human Health and Performance Theme, STAR Centre for Environmental Quality Systems, Syracuse University
(<http://eqs.syr.edu/organization.asp>)
Technical Review Board, InformedDesign, Clearinghouse for design and behavior research (Univ. Minnesota/ASID, 2001-2005.
<http://www.informedesign.com/>) (2002-)
NASA Science and Technology Working Group (Human Factors) (2001)
National Ergonomics Conference and Exposition (1999-)
NY Indoor Environmental Quality Center, Syracuse University (2001-)
Carpet and Rug Institute Technical Advisory Board (1993-1998)

PROFESSIONAL EXPERIENCE

SOUTH YORKSHIRE METROPOLITAN COUNTY COUNCIL

Research and Intelligence Unit (1974-1975)

Research Assistant (Grade AP5)

Work included extensive analysis of data from a large Public Attitude Survey, various public participation exercises (e.g. structure plan kits, County Headquarters Survey, Environmental Attitudes Survey, monitoring of social indicators). Analysis of public policy options.

WEST MIDLANDS METROPOLITAN COUNTY COUNCIL

Statistical and Information Unit (1975-1976)

Principal Officer (Grade PO1B)

Work included management of research team and design of research projects, including public attitude survey, housing survey, community identification for emergency planning, county management information system. Involvement in policy committee work. Management of research team and budget.

APPLIED PSYCHOLOGY DEPARTMENT

UNIVERSITY OF ASTON (1976-1987)

Lecturer (tenured)

Course Tutor for the MSc Course in Applied Psychology (1977-1981, 1983-1984).

OPEN UNIVERSITY TUTOR, Part-time.

Introductory Psychology Course (DS261/DS262) 1976-1983.

Cognitive Psychology Course (D303) 1983-1985.

Cognitive Psychology Course (D309) 1985-1986.

SABBATICAL LEAVE (April-July 1982)

Institute of Personality Assessment and Research,
University of California, Berkeley, USA.

ASSOCIATE PROFESSOR (Human Factors)

Aug. 1, 1987-1994, (tenure awarded, 1991). Dept. DEA, NYS College of Human Ecology, Cornell University, Ithaca, NY 14853-4401

SABBATICAL LEAVE (August 1992 - July 1993)

Institute of Occupational Health, Birmingham Medical School,
University of Birmingham, Birmingham, UK. Invited to teach

Environmental ergonomics course (16 hours) University of Nottingham, Department of Manufacturing Engineering and Operations Management, Graduate Program in Ergonomics. (January - March, 1993). Invited to teach Human-Computer Interaction (6 hours) University of Nottingham, Department of Manufacturing Engineering and Operations Management, Graduate and Undergraduate Programs in Ergonomics and in Computer Science. (March, 1993).

Director, Human Factors and Ergonomics Laboratory, Jan. 1 1994 –
DEA, NYS College of Human Ecology, Cornell University,
Ithaca, NY 14853-4401

PROFESSOR (Human Factors) Jan. 1, 1995

DEA, NYS College of Human Ecology, Cornell University,
Ithaca, NY 14853-4401

Co-Director, Design Concepts Laboratory, Jan. 1 2005 –
DEA, NYS College of Human Ecology, Cornell University,
Ithaca, NY 14853-4401

AWARDS AND SELECTED ACTIVITIES

O. Keith Hansen Outreach Award, Human Factors and Ergonomics Society	2009
Alexander J. Williams Jr. Design Award for “outstanding human factors contributions to the design of a major operational system”, Human Factors and Ergonomics Society.	2003
Program leader “Environmental Effects on Health and Human Performance”, Environmental Quality Systems Center, Syracuse University EQS Consortium	2003-
International Who’s Who of Professionals: the Ultimate Directory	2000
Institute of Business Designers (IBD)/Contract Magazine Bronze Award, for ergonomic design work on the PROTEX Work Envelope System.	1992
Industrial Design Excellence Awards (Business Week) Gold Award - Furniture category, for ergonomic design work on the PROTEX Work Envelope System.	1992
Honorary Research Fellow, Institute of Occupational Health, Birmingham Medical School, University of Birmingham, Birmingham, U.K.	1990-1993
Elected to Membership of the Graduate Field in Design & Environmental Analysis Cornell University	1987
British Council Travel Grant to Canada	1984
British Council Travel Grant to Italy	1983
Royal Society Travel Grant (UK) to U.S.A	1983
NATO Travel Scholarship (Human Factors) to U.S.A.	1982
Scientific Program Organizer - Environmental Psychology 20th Congress of the International Association of Applied Psychology	1982

COMPETITIVE STUDENTSHIPS

Science Research Council Research Studentship	1972-1974
Aston University Studentship	1971-1972
Science Research Council Research Studentship	1970-1971

MILITARY/SECURITY EXPERIENCE

Scientific Advisor (C,B & N weapons), U.K. Home Office	1976-1986
British Territorial Army Royal Officers Training Corp’	1967-1970

OTHER ACTIVITIES

Member, Textiles Graduate Field Cornell University	2006
Member, Information Science Graduate Field, Cornell University	2003 -
Member, Cognitive Psychology Graduate Field,	

Cornell University	1997 –
Member, Institute for Comparative Environmental Toxicology, NYS College of Agriculture and Life Science, and Environmental Toxicology Graduate Field, Cornell University	1995 -
Member, Biology & Society Undergraduate field, Cornell University	1995 -
Stephen H. Weiss Presidential Fellowship Nominee for excellence in teaching.	1998
Scientific Advisory Board Member	
The Carpet and Rug Institute	1993 -
Professional Media training (Washington, DC; Atlanta)	1993
Nominee for SUNY Chancellor’s award for Excellence in Teaching.	1992
Annual State legislative functions	1991, ‘92, ‘94

EXTERNAL ASSESSOR

Faculty promotions examiner- typically 2 per year	2000 -
PhD Examiner (external) – typically 2 per year	1987 –

ACADEMIC ACHIEVEMENTS AND RESPONSIBILITIES AT CORNELL

Current Position

- Professor and Director of the Human Factors and ergonomics Laboratory

Teaching:

- Human Factors: Applied Ergonomic Methods (DEA4700, DEA6700)
- Human Factors: Ambient Environmental Conditions (DEA3500, DEA6520)
- Human Factors: Ergonomics, Anthropometrics and Biomechanics (DEA3250, DEA6510)
(DEA 6000 level graduate study)
- Frequent invited presentations to M&AE 2250, PAM 3200, Arch 3620, H ADM 4550.

Undergraduate theses: • 10+ (Honor’s theses graduated)

Graduate theses: • 40+ (Master’s graduated), 6 PhD committee member (3 graduated)

Internet: • CUergo web site (<http://ergo.human.cornell.edu>) (1993 to present)

- Department web master (1997-2001)

Current Committees:

- Faculty Senate Appeals Panel
- Cornell Center for a Sustainable Future (CCSF) Educational Sub-committee

Past Committees:

- College Grants Committee (chair)
- College Academic Integrity Committee
- Committee on Academic Status
- College Grants Committee.
- College Honors Committee.
- Cornell Abroad Committee.
- Statewide Workforce Task Force Committee, Cooperative Extension.
- College Extension Construction/Budget Group
- College Steering/Budget Committee: the “Cornell Life Course Institute”.

- Committees on the Cornell Center for Environment.
 - SUNY Chancellor's Award Selection Committee
 - Mann Library committee
- Finance:
- Experience of tactical financial planning in local government and academic settings
 - Experience of strategic planning activities in local government and academic settings
 - Senior managerial training and experience (Aston University)
 - Responsibility for research budgets, laboratory construction budget, laboratory equipment and operations budget, media budget, teaching and support budget (Cornell University).
- Previous Position
- Teaching: Cornell
- Introduction to Human-Environment Relations: Introduction to Human Factors (DEA1500, co-taught with 3 colleagues, 1987-1991)
 - Department, Director of Graduate Studies (1994)
 - Environmental Ergonomics - Workplace design, Thermal comfort
 - Human Factors in IT - Office Automation; societal impact
 - Cognitive Psychology - Thinking; knowledge representation
 - Perspectives on Psychology
 - Advanced Research Methods - Factor Analysis; Repertory Grid; Facet analysis
 - Research Methods - Survey Methods - Questionnaire Design
 - Current Developments in Psychology
 - Systems and Theories in Psychology
 - History of Psychology
 - Introduction to Psychology
- Graduate theses:
- 20 (Master's graduated, UK), 3 (PhD's, UK).
- Past Responsibilities
- Director of Graduate Studies, DEA Field, Cornell University, (1996/97)
 - Chairman, Academic (Faculty) Assembly, Aston University, Birmingham, U.K. 1985-1987
 - Course Tutor for the MSc Course in Applied Psychology (1977-1981, 1983-1984)
- Management training
- Senior Academic Management Training Program conducted by Stanford Business School at Aston University, Birmingham, U.K. 1986

ACADEMIC RESEARCH: FUNDED PROJECTS SINCE 1987

Research interests in scientific visualization research; new multimedia technologies; human factors approaches to work environment design; workplace automation and intelligent buildings; sick building syndrome

Funded projects:

- Principal Investigator 2014
Behavioral Intervention to Increase Sustainable Residential Energy Conservation Using Real-Time Feedback
NYSERDA (\$99,868)
- Principal Investigator
Human Ergonomic Responses to Warm Surfaces of Composite Materials (Co-PI Prof. Jintu Fan)
Intel (\$388,924) 2013-2015
- Principal Investigator
Investigating the Thermal Comfort Potential of a Gel-Covered Mattress (Co-PI Prof. Jintu Fan)
Technogel, Italy (\$18,540) 2012-2013
- Principal Investigator
Personal Control Effects on Indoor Air Quality and User Comfort, Health And Performance
DoE (\$89,998) 2010-2013
Educational Computing Award
Intel (\$37,000) 2006
- Principal Investigator
Educational Computing Award
Intel (\$37,000) 2006
Co- Principal Investigator
Passive textile systems for indoor air quality improvement
NYS College of Human Ecology (\$50,000) 2006
- Principal Investigator
“Indoor Environmental Quality and Productivity”. US EPA (\$190,000) 2005-2007
- Principal Investigator
“Indoor Environmental Quality and Productivity”. US EPA (\$200,000) 2004-2006
- Principal Investigator
“New Ways Of Working: Experimental Evaluation of Electronic Height Adjustable Work Surfaces, Keyboard Trays and Alternative Input Device Designs.”. Humanscale (\$18,737) 2004-2005
- Cornell Laboratory for Human Factors and Ergonomics, 2003-2004
NY State. (\$200,000)
- Principal Investigator
“Thermal Comfort and Ergonomic Chairs”. Cornell Univ. (\$3,500) 2003
- Principal Investigator, “Hotel Ergonomics”. NIOSH (\$2,275) 2002
- Principal Investigator
“Pesticide concentrations in house dust in residences in central New York State”. The Carpet and Rug Institute. (\$257,000) 2000-2001
- Principal Investigator
“Ergonomic evaluation of the effects of anti-glare computer filters”.

- 3M. (\$37,337) 2002
- Principal Investigator
“Pesticide concentrations in carpet floor coverings in rural homes in central New York State.” USDA Hatch. (\$40,000) 1999-2003
- Principal Investigator
NYS College of Human Ecology, “Development and evaluation of a web-based ergonomics course” (\$5,500) 1998
- Principal Investigator
“Sick building syndrome and office ergonomics - a targeted work environment analysis?”
Center for Indoor Air Research. (\$111,758) 1997
- Principal Investigator.
“The effects of two different task lighting systems on employee comfort and health in a windowless office”,
Peerless Corp., Berkeley, CA, (\$49,440) 1995
- Principal Investigator:
“Scientific Visualization Research”
National Science Foundation. Supercomputing award (50 units) 1995-1996
- Principal Investigator
“The effects of smoking room design on indoor air quality and employee comfort and health in offices.”
Center for Indoor Air Research. (\$107,371) 1995
- Principal Investigator with Dr. Rod Dietert, Institute for Comparative Environmental Toxicology,
“The Effects Of Carpet Emissions On Indoor Air Quality And Health: A Critical Review.” The Carpet and Rug Institute. (\$49,613) 1994
- Principal Investigator:
“Development of Computerized Database of Advising Materials and a Directory of International Education Opportunities in Human Factors and Ergonomics”.
Cornell President’s fund. (\$1,950) 1994
- Cornell Laboratory for Human Factors and Ergonomics, NY State. (\$70,000) 1994
- Principal Investigator (continuation)
“The effects of restrictive smoking policies on employee comfort and health in offices.”
Center for Indoor Air Research. (\$110,029) 1994
- Principal Investigator (continuation)
“The effects of steam humidification on indoor air quality and psychosocial variables on employee comfort and health in offices.”
Center for Indoor Air Research. (\$78,052) 1993
- Principal Investigator
“The effects of changing smoking policies on indoor air quality and employee comfort and health in offices.”
Center for Indoor Air Research. (\$168,118) 1992
- Principal Investigator
“The effects of synthetic mineral fibers in office dust on the sick building syndrome in offices.”

- Center for Indoor Air Research. Supplemental grant (\$6,100) 1991
- Principal Investigator (continuation)
“The effects of smoking regulation and building ventilation on indoor air quality and employee comfort and health in offices.”
Center for Indoor Air Research. (\$162,018) 1991
- Principal Investigator
“The effects of smoking regulation and building ventilation on indoor air quality and employee comfort and health in offices.”
Center for Indoor Air Research. (\$249,869) 1989-1990
- Principal Investigator
“The long-term effects of direct versus indirect lighting on office workers.”
Peerless Lighting Corp. (\$16,992) 1990-1991
- Principal Investigator
“The effects of direct versus indirect lighting on office workers in enclosed and open-plan offices.”
Peerless Lighting Corp. (\$74,338) 1987-1989
- “Instrumentation for a Human Factors/
Ergonomics Teaching Laboratory.”
National Science Foundation. (\$37,815 plus \$37,815 matching funds) 1987-1989
- Principal Investigator
Research on the ‘Sick Building’ Syndrome
N.Y.S. College Research Grant. (\$4,950) 1987

Corporate Gifts for the Cornell Human Factors and Ergonomics Laboratory:

- Humanscale (\$10,000) 2012
- Barnes & Noble (\$1,500) 2010
- Humanscale (\$15,000) 2010
- Humanscale (\$15,000) 2009
- Humanscale (\$12,000) 2006
- Linak (\$4,000) 2004
- Humanscale (\$10,000) 2004
- Linak (\$15,000) 2002
- Stokke (\$10,000) 2002
- Stokke (\$5,000) 2001
- Magnitude Information Systems (\$8,000) 1999
- Humanscale (\$2,000) 1999
- Steelcase (\$20,000) 1999
- Ergonomic-Interface Keyboard Systems (\$15,000) 1998
- Softview (\$12,000) 1995
- Workplace Designs (\$12,000) 1995
- Ergonomixx: (\$10,500) 1994
- Proformix:(\$11,000) 1994
- Proformix:(\$5,000) 1991
- Tate Access Floors (\$3,000) 1987-1989

Laboratory Equipment Corporate Donations

- BackTpack LLC 2012

- MouseTrapper 2012
- StandingWorks 2011
- Educational Program PCs (Intel) 2007
- Lapdawg 2007
- Logitech 2006
- Hoverstop 2006
- Typematrix 2006
- WOW Technologies 2006
- Perific 2005
- Humanscale 2005
- Kensington 2004
- Humanscale 2004
- Aeron chair (Herman Miller) 2003
- Electronic sit-stand workstations (WorkRite) 2003
- Fingerworks 2003
- Stokke 2003
- Educational Program Software (Microsoft) 2001
- Educational Program PCs (Intel) 2001
- Ergonomic Freedom chairs (Humanscale) 1998
- Ergomax 200 chair (American Ergonomics) 1998
- Criterion and Leap chairs (Steelcase) 1998
- Exos Gripmaster system + IBM laptop computer (Proformix) 1994

PUBLICATIONS:**Books**

4. Hedge, A. (ed) (2016) *Ergonomic Workplace Design for Health, Wellness and Productivity*. Taylor & Francis (in press)
3. Khalid, H., Hedge, A. and Ahram, T.Z. (2010) Advances in Ergonomics Modeling and Usability Evaluation, Boca Raton, CRC Press.
2. Stanton, N., Hedge, A., Brookhuis, K., Salas, E. and Hendrick, H. (2004) Handbook of Human Factors and Ergonomics Methods, Boca Raton, CRC Press.
1. O'Reilly, J.T., Hagan, P., Gots, R. and Hedge, A. (1998) Keeping buildings healthy: How to monitor and prevent indoor environmental problems. New York: J. Wiley & Sons.

Book Chapters

40. Hedge, A. & Pazell, S.P. (2016) Ergonomics and Wellness in Workplaces. In Hedge, A. (ed.) *Ergonomic Workplace Design for Health, Wellness and Productivity*. Taylor & Francis.
39. Hedge, A. (2016) Introduction to workplace ergonomics and issues of health and productivity in computer work settings. In Hedge, A. (ed.) *Ergonomic Workplace Design for Health, Wellness and Productivity*. Taylor & Francis.
38. Hedge, A. & James, T. (2012) Ergonomic Issues of Computer Use in a Major Healthcare System in *Advances in Human Aspects of Healthcare/* (Taylor & Francis), pp. 259-268, Salvendy, G. and Karwowski, W. (eds).
37. Hedge, A. (2011) Alternative Workstations May Be New But Are They Better? In M. M. Robertson (ed.) Ergonomics and Health Aspects of Work with Computers, Springer, Heidelberg, 190-198.
36. Hedge, A., Feathers, D.J. and Rollings, K.A. (2010) Ergonomic comparison of five mouse designs: Performance and posture differences. In Khalid, H., Hedge, A. and Ahram, T.Z. (Eds.) Advances in Ergonomics Modeling and Usability Evaluation, Chap. 47, 436-445, Boca Raton, CRC Press.
35. Feathers, D.J., Hedge, A. and Rollings, K.A. (2010) Ergonomic assessment of pronating-reducing mouse designs: Anatomical compliance in three-dimensional space. In Khalid, H., Hedge, A. and Ahram, T.Z. (Eds.) Advances in Ergonomics Modeling and Usability Evaluation, Chap. 46, 426-435, Boca Raton, CRC Press.
34. Pavlovic-Veselinovic, S., Hedge, A., and Grozdanovic, M. (2010) An expert system for risk assessment of work-related musculo-skeletal disorders In Khalid, H., Hedge, A. and Ahram, T.Z. (Eds.) Advances in Ergonomics Modeling and Usability Evaluation, Chap. 43, 403-412, Boca Raton, CRC Press.
33. Hedge, A. (2010) Interior Design: Satan or Savior? In Martin C. & Guerin, D. (Eds.) The State of the Interior Design Profession, Fairchild Books, 181-186.
32. Hedge, A. (2009) Indoor Environmental Quality, Health and Productivity, R.G. Harris and D.P. Moore, (eds.), Indoor Work and Living Environments, Chap. 6, Nova Science Publishers, 247-262.

31. Hedge, A. (2009) The Role of Carpet in Sustainable Design, R.G. Harris and D.P. Moore, (eds.), Indoor Work and Living Environments, Chap. 5, Nova Science Publishers, 223-245.
30. Hedge, A. and Lueder, R. (2008) Classroom furniture, In Lueder, R. & Rice, V. (eds). Ergonomics for Children: Designing products and places for toddlers and teens, Chap. 21, pp. 721-751. CRC Press. Boca Raton, FL.
29. Hedge, A. (2006) Environmental ergonomics, In Karwowski, W. (ed.) International; Encyclopedia of Ergonomics and Human Factors, 2nd ed., Vol. 2, Philadelphia, Taylor & Francis : 1770-1775.
28. Hedge, A. (2006) Consumer Product Design, In Karwowski, W. (ed.) International; Encyclopedia of Ergonomics and Human Factors, 2nd ed., Vol. 2, Philadelphia, Taylor & Francis : 1555-1560.
27. Hedge, A. (2005) Kids and computers, In Anshel, J. (ed.) Visual Ergonomics Handbook, Chapter 12, CRC Press, 137-157.
26. Hedge, A. (2004) Pen and Stylus Input, In Bainbridge, W.S. ed. (2004) Berkshire Encyclopedia of Human Computer Interaction, Berkshire Publishing Group, Vol. 2, 543-546.
25. Hedge, A. (2004) Keyboards, In Bainbridge, W.S. ed. (2004) Berkshire Encyclopedia of Human Computer Interaction, Berkshire Publishing Group, Vol.1, 401-405.
24. Hedge, A. (2004) Environmental conditions, In Stanton, N., Hedge, A., Brookhuis, K, Salas, E. and Hendrick, H. (2004) Handbook of Human Factors and Ergonomics Methods, pp. 59-1 – 59-4, CRC Press. Boca Raton, FL.
23. Hedge, A. (2004) Physical methods, In Stanton, N., Hedge, A., Brookhuis, K, Salas, E. and Hendrick, H. (2004) Handbook of Human Factors and Ergonomics Methods, pp. 2-1 - 2-4, CRC Press.
22. Hedge, A. (2004) Heat stress indices, In Stanton, N., Hedge, A., Brookhuis, K, Salas, E. and Hendrick, H. (2004) Handbook of Human Factors and Ergonomics Methods, pp. 62-1 – 62-8, CRC Press.
21. Hedge, A. (2004) Indoor air quality – chemical exposures, In Stanton, N., Hedge, A., Brookhuis, K, Salas, E. and Hendrick, H. (2004) Handbook of Human Factors and Ergonomics Methods, pp. 64-1 – 64-11, CRC Press.
20. Hedge, A. (2001) Consumer Product Design, In Karwowski, W. (ed.) Encyclopedia of Ergonomics, Philadelphia, Taylor & Francis : 888-891.
19. Hedge, A. (2001) Environmental Ergonomics, In Karwowski, W. (ed.) Encyclopedia of Ergonomics, Philadelphia, Taylor & Francis :959-999.
18. Hedge, A. (1999) Ergonomics, Encarta 2000, Microsoft.
17. Hedge, A. (1998) Introduction to Ergonomics, Chap. 1, In D. Murphy (ed.) Ergonomics and the Health Professional, New York: American Public Health Association, pp. 1-23.
16. Hedge, A. (1998) Case Study: Anchorage, Alaska, Chap. 16, In O'Reilly, J.T., Hagan, P., Gots, R. and Hedge, A. (Eds.) Keeping buildings healthy: How to monitor and prevent indoor environmental problems. New York: J. Wiley & Sons, pp. 257-260.

15. Hedge, A. (1998) Communicating results of the investigation, Chap. 7, In O'Reilly, J.T., Hagan, P., Gots, R. And Hedge, A. (Eds.) Keeping buildings healthy: How to monitor and prevent indoor environmental problems. J. Wiley & Sons, pp. 163-176.
14. Hedge, A. (1998) Investigating health complaints: behavioral aspects, Chap. 6, In O'Reilly, J.T., Hagan, P., Gots, R. and Hedge, A. (Eds.) Keeping buildings healthy: How to monitor and prevent indoor environmental problems. New York: J. Wiley & Sons, pp.137-162.
13. Hedge, A. (1998) What can we learn about indoor environmental quality concerns from studies, Chap. 5, In O'Reilly, J.T., Hagan, P., Gots, R. and Hedge, A. (Eds.) Keeping buildings healthy: How to monitor and prevent indoor environmental problems. New York: J. Wiley & Sons, pp.119-136.
12. Hedge, A. (1998) Ergonomic design of hand operated devices, Chap. 12, In Stanton, N. (Ed.) Human Factors in Consumer Products. Taylor & Francis, pp.203-222.
11. Hedge, A. (1996) A guide to evaluating indoor air quality, In Baird, G., Gray, J., Isaacs, N., Kernohan, D. And McIndoe, G. (Eds) Building Evaluation Techniques, Chap. 6.2, New York: McGraw-Hill, pp.115-118.
10. Hedge, A. (1995) Human factors considerations in the design of museums to optimize their impact on learning, In Falk, J. & Dierling, L. (Eds) Public Institutions for Personal Learning: Establishing a Research Agenda, American Association of Museums, Washington DC, 105-118.
9. Hedge, A. (1994) Environmental psychology. In: P. Spurgeon, D. R. Davies and A.J. Chapman (Eds.), Elements of Applied Psychology. Harwood Academic Publishers, Chap. 15, 297-319.
8. Hedge, A., Erickson, W.A., and Rubin, G. (1992) Effects of personal and occupational factors on sick building syndrome reports in air conditioned offices. In: J.C. Quick, L.R. Murphy, and J.J. Hurrell, Jr. (eds.) Work and Well-Being: Assessments and Interventions for Occupational Mental Health, Chap. 19, Washington, D.C. American Psychological Association, pp. 286-298.
7. Hedge, A. (1991) Design innovations in office environments. In: W.F.E. Preiser, J. C.Vischer, and E.T. White (Eds.), Design Intervention: Toward a More Humane Architecture. Van Nostrand Reinhold, New York. pp. 301-322.
6. Hedge, A. (1989) Design for Health. Business Strategy International, Cornhill Publications. Cambridge. U.K. pp. 61-66.
5. Hedge, A. (1989) Major hazards and behaviour. In: W. T. Singleton and J. Hovden (Eds.), Risks: Concepts, Decisions and Behaviour. London: Wiley, Chapter 9, pp 139-153.
4. Hedge, A. (1986) Open vs. Enclosed Workspaces. In: J. Wineman (Ed.), Behavioral Issues in Office Design. Van Nostrand Reinhold, pp. 139-176.
3. Debney, L. M. and A. Hedge. (1986) Physical trigger factors in migraine - with special reference to weather. In: W. K. Amery and A. Wanquier (Eds.), The Prelude Migraine Attack. Bailliere Tindall, pp. 8-24.
2. Hedge, A. and N. Pendleton. (1981) The Town Planner. In: W. T. Singleton (Ed.), The Study of Real Skills, Vol. 3, Chapter 7, pp. 116-135.

1. Hedge, A. and B. R. Lawson. (1979) Creative Thinking. In: W. T. Singleton (Ed.), The Study of Real Skills, Vol. 2, Chapter 15, pp. 280-305. Lancaster: MTP Press.

Journal Articles (refereed)

67. Pavlovic-Veselenovic, S., Hedge, A., Veselinovic, M. (2016) An ergonomic expert system for risk assessment of work-related musculo-skeletal disorders, International Journal of Industrial Ergonomics, 53, 130-139.
66. Hedge, A (2015) Survival of *Escherichia coli*, *Pseudomonas aeruginosa*, *Staphylococcus aureus* on Wood and Plastic Surfaces. J Microb Biochem Technol 7 (4), 209-211.
65. Gu, B., Mao, Y., Hedge, A., Fang, A. 2015) Effects of apparent image velocity and complexity on the dynamic visual field using a high-speed train driving simulator, International Journal of Industrial Ergonomics, 48, 99-109.
64. Buckley, J.P., Hedge, A., Yates, T., Copeland, RJ, Loosemore, M., Hamer, M., Bradley, G., Dunstan, D.W. (2015) The sedentary office: a growing case for change towards better health and productivity. Expert statement commissioned by Public Health England and the Active Working Community Interest Company, British Journal of Sports Medicine, BJSM Online First, published on June 1, 2015 as 10.1136/bjsports-2015-094618.
63. Hu, H., Ding, L., Hedge, A., Li a, X., Zhang, C., Qin, Z., Xiao, H. (2015) The effects of pressurized partial pressure suits on operational ergonomics, International Journal of Industrial Ergonomics, 45, 107-115.
62. Ding, L., Li, X., Hedge, A., Hu, H., Feather, D., Qin, Z., Xiao, H., Xue, L. and Zhou, Q. (2015) Optimizing the physical ergonomics indices for the use of partial pressure suits, Applied Ergonomics, 47, 72-83.
61. Dorsey, J., Hedge, A., Miller, L. (2014) Green Ergonomics, Work, 49 (3) – Guest Editors of the Special Issue.
60. Dorsey, J., Hedge, A., Miller, L. (2014) Green Ergonomics, Work, 49 (3), 345-346.
59. Hedge, A. Miller, L. & Dorsey, J. (2014) Occupant health and comfort in green and conventional academic office buildings, Work, 49 (3), 363-372.
58. Hedge, A. (2013) Ergonomics and public policy, Interactions, 20 (1), 64-67.
57. Lia, X., Ding, L., Hedge, A., Huc, H. And Z. Qin (2013) An experimental study on the ergonomics indices of partial pressure suits, Applied Ergonomics, 44, 393-403.
56. Feathers. D.J., Pavlovic, S. and A. Hedge (2013) Measures of Fit and Discomfort for School Children in Serbia, Work , 44 (1), 73-81.
55. Feathers. D.J., Rollings, K. and A. Hedge (2013) Computer Mouse Issues for College Students Aged 18-25, Work , 44 (1), 115-122.
54. Hedge, A. and Dorsey, J. (2013) Green Buildings need Good Ergonomics, Ergonomics, 56 (3), 492-506.
53. Hugine, A., Guerlain, S. and Hedge, A. (2012) User Evaluation of an innovative digital reading room, Journal of Digital Imaging , 25 (3),337-346.

52. Izawa, M.R., French, M.D. & Hedge, A. (2011) Shining New Light on the Hawthorne Illumination Experiments, Human Factors, 53 (5), 528-547.
51. Hedge, A. James, T. and Pavlovic, S. (2011) Ergonomics Concerns and the Impact of Healthcare IT, International Journal of Industrial Ergonomics, 41 (4), 345-351.
50. Lawler, E.K., Hedge, A. and Pavlovic, S. (2011) Cognitive Ergonomics, Socio-Technical Systems, and the Impact of Healthcare IT, International Journal of Industrial Ergonomics 41 (4), 336-344.
49. Hedge, A. & Gaygen, D.E. (2010) Indoor Environment Conditions and Computer Work in an Office, HVAC&R Research Journal, 16 (2), 123-138.
48. Hedge, A. (2009) Indoor Environmental Quality, Health and Productivity. Environmental Research Journal, 4 (1/2).
47. Vredenburgh, A.G., Hedge, A., Zackowitz, I.B. and Welner, J. (2009) Evaluation of Wheelchair Users' Perceived Sidewalk and Ramp Slope: Effort and Accessibility, Journal of Architecture and Planning Research, 26 (2), 145-158.
46. Gaygen, D.E. & Hedge, A. (2009) Effects of acute exposure to a complex fragrance on lexical access, Chemical Senses, 34, 85-91.
45. Obendorf, S. K., Lemley, A.T., Hedge, A., Kline, A.A., Tan, K., and T. Dokuchayeva (2006) Distribution of Pesticide Residues within Homes in Central New York State, Archives of Environmental Contamination and Toxicology, 50 (1), 31-44.
44. Hedge, A. (2004) Ergonomic design issues and carpet: a review. International E-Journal of Flooring Sciences, (<http://www.flooringsciences.org/e-journal/0407/index.cfm>)
43. Hedge, A. (2003) 10 principles to avoid XP-aspiration, Ergonomics in Design, 11 (3), 4-9.
42. Ruess, L., O'Connor, S.C., Cho, K.H., Slaughter, R., Husain, F.H. and Hedge, A. (2003) Carpal Tunnel Syndrome and Cubital Tunnel Syndrome: Musculoskeletal Disorders in Four Symptomatic Radiologist, American Journal of Roentgenology, 181 (1), 37-42.
41. Kline, A.A., Landers, A.J., Hedge, A., Lemley, A.T., Obendorf, S.K. and Dokuchayeva, T. (2003) Surface chemical exposure levels within enclosed sprayer cabs using carbon bed air filtration systems, American Society of Agricultural Engineering Journal, 19 (4), 397-403.
40. Barrero, M. and Hedge, A. (2002) Computer environments for children: a review of design issues, Work, 18, 227-237.
39. Lemley, A., Hedge, A., Obendorf, S.K, Hong, S., Kim, J., Muss, T.M. And C. Varner (2002) Selected pesticide residues in house dust in Farmer's homes in central New York state, USA., Bull. Environ. Contam. Toxicol., 69, 155-163.
38. Hong, S., Kim, J., Lemley, A.T., Obendorf, S.K. and A. Hedge (2000) Analytical method development for 18 pesticides in house dust and settled Residues using SEC, SPE, TMS Methylation, and GC-MS, Journal of Chromatographic Science, 39 (3), 101-112.

37. Hedge, A. (2000) Where are we in understanding where we are? Ergonomics, 43(7), 1019-1029.
36. Hedge, A., Morimoto, S. And McCrobie, D. (1999) Effects of keyboard tray geometry on upper body posture and comfort, Ergonomics, 42 (10), 1333-1349.
35. Laeser, K.L., Maxwell, L.E. and Hedge, A. (1998) The effects of computer workstation design on student posture, Journal of Research on Computing in Education, 31(2), 173-188.
34. Oates, S., Evans, G. and Hedge, A. (1998) A preliminary ergonomic and postural assessment of computer work settings in American elementary schools, Computers in the Schools, 14, 3/4, 55-63.
33. Hedge, A. and Erickson, W.A. (1998) Indoor environment and sick building syndrome complaints in air-conditioned offices: benchmarks for facility performance? International Journal of Facilities Management, 1 (4), 1-8.
32. Dietert, R.R. and Hedge, A. (1998) Chemical sensitivity and the immune system: a paradigm to approach potential immune involvement, NeuroToxicology, 19(2), 253-258.
31. Dietert, R.R. and Hedge, A. (1996) Toxicological considerations in evaluating indoor air quality and human health: impact of new carpet emissions, Critical Reviews in Toxicology 26 (6), 633-707.
30. Hedge, A. (1996) In defence of the sick building syndrome, Indoor Environment, 217, 1-5.
29. Dietert, R., Hedge, A., Luster, M.I., Qureshi, M.A. and Selgrade, M. (eds.)(1996) Factors influencing indoor air quality, immunity and health, Inhalation Toxicology, 7, 299-321.
28. Dietert, R. and Hedge, A.(1996) Indoor air quality and human health: a multidisciplinary challenge, Inhalation Toxicology, 7, 304-305.
27. Hedge, A., McCrobie, D., Morimoto, S., Rodriguez, S. and Land, B. (1996) Painfree computing: use of a preset tilt-down keyboard system and new tools for visualizing wrist postures lead the fight against carpal tunnel syndrome. Ergonomics in Design, 4 (1), 4-10.
26. Hedge, A., Erickson, W.A. and Rubin, G. (1996) Predicting sick building syndrome at the individual and aggregate levels, Environment International, 22 (1), 3-19.
25. Hedge, A., Erickson, W.A. and Rubin, G. (1995) Psychosocial correlates of sick building syndrome, Indoor Air, 5, 10-21.
24. Hedge, A. and Powers, J.R. (1995) Wrist posture while keyboarding: effects of a negative slope keyboard support system and full motion forearm supports, Ergonomics, 38, 508-517.
23. Hedge, A., Sims, W.R. and Becker, F.D. (1995) The effects of lensed-indirect uplighting and parabolic downlighting on the satisfaction and visual health of office workers, Ergonomics, 38(2), 260-280.

22. Hedge, A. Erickson, W.A. and Rubin, G. (1994) The effects of alternative smoking policies on indoor air quality in 27 office buildings, Annals of Occupational Hygiene, 38, 265-278.
21. Hedge, A., Mitchell, G.E. and McCarthy, J. (1993) Effects of a furniture-integrated breathing-zone filtration system on indoor air quality, sick building syndrome, productivity, and absenteeism, Indoor Air, 3 (4), 328-336.
20. Hedge, A., Michael, A.T., and Parmelee, S.L. (1993) Reactions of facilities managers and office workers to underfloor task air ventilation, Journal of Architectural and Planning Research, 10, 203-218.
19. Burge, P.S., Robertson, A.S. and Hedge, A. (1992) Comparison of self-administered questionnaire with physician diagnosis of the sick building syndrome, Indoor air, 4, 422-427.
18. Hedge, A. (1992) Ecological ergonomics: the study of human work environments, Impact of science on society, 165, 53-64.
17. Hedge, A. and Yousif, Y.H. (1992) The effect of urban size, urgency, and cost variables on helpfulness: a cross-cultural comparison. Journal of Cross-Cultural Psychology, 23, (1), 107-115.
16. Danko, S., Eshelman, P. and Hedge, A. (1991) A taxonomy of health, safety, and welfare implications of interior design decisions, Journal of Interior Design Education, 16, 19-30.
15. Hedge, A. (1990) Sick building syndrome correlates with complex array of factors, International Facilities Management Journal, January/February, 52-58.
14. Hedge, A. (1989) Environmental conditions and health in offices, International Reviews of Ergonomics, 3, 87-110.
13. Hedge, A., Burge, P.S., Wilson, A.S. and J. Harris-Bass (1989) Work-related illness in office workers: a proposed model of the sick building syndrome, Environment International, 15, 143-158.
12. Hedge, A., Sterling, T.D., Sterling, E.M., C.W. Collett, Sterling, D.A., and Nie, V. (1989) Indoor air quality and health in two office buildings with different ventilation systems, Environment International, 15, 115-128.
11. Robertson, A.S., Burge, P.S., Hedge, A., Wilson, S. and J. Harris-Bass. (1988) Relation between passive cigarette smoke exposure and "building sickness". Thorax, 43, 263.
10. Burge, P. S., Hedge, A., Wilson, S., Harris-Bass, J. and A. S. Robertson. (1987) Sick building syndrome: A study of 4373 office workers. Annals of Occupational Hygiene, 31, 493-504.
9. Hedge, A. and M. D. Collis. (1987) Do negative air ions affect human mood and performance? Annals of Occupational Hygiene, 31, 285-290.
8. Hedge, A. (1987) Office Health Hazards: An annotated bibliography. Ergonomics, 30, (5), 733-772.
7. Robertson, A. S., Burge, P. S., Hedge, A., Sims, J., Gill, F. S., Finnegan, M., Pickering, C. A. C., and Dalton, G. . (1985) Comparison of health problems related to work and

- environment measurements in two office buildings with different ventilation systems. British Medical Journal, 291, 373-376.
6. Hedge, A. (1984) Suggestive evidence for a relationship between office design and self-reports of ill-health among office workers in the United Kingdom. Journal of Architectural and Planning Research, 1, (3), 163-174.
 5. Hedge, A. and Eleftherakis, E. (1982) Air Ionization: An evaluation of its physiological and psychological effects. Annals of Occupational Hygiene, 25, (4), 409-419.
 4. Hedge, A. (1982) The open-plan office: A systematic investigation of employee reactions to their work environment. Environment and Behavior, 14, (5), 519-542.
 3. Haws, A. P. and Hedge, A.. (1976) Some developments in the analysis of public attitude data. Bulletin in Applied Statistics, 3, (2).
 2. Hedge, A. and N. W. A. Marsh. (1975) The effect of irrelevant spatial correspondences on two-choice response-time. Acta Psychologica, 39, 427-439.
 1. Messenger, J. B., Wilson, A. P., and A. Hedge. (1973) Some evidence for colour blindness in Octopus, J. Exp. Biol., 59, 77-94.

Journal Articles in Process

9. Bubric, K. & Hedge, A. 2016. Survey of Laptop Use and Musculoskeletal Discomfort in College Students. WORK: A Journal of Prevention, Assessment & Rehabilitation.(submitted)
8. Dorsey, J. & Hedge, A. 2016. Post occupancy evaluation of a LEED Platinum Building: A follow up study WORK: A Journal of Prevention, Assessment & Rehabilitation.(submitted)
7. Zhang, H. & Hedge, A. 2016. User thermal responses to a simulated tablet computer surface and indoor temperature effect. Journal of Electronic Packaging.(submitted)
6. Zhang, H. & Hedge, A. 2016. A review of human responses to warm surfaces. Ergonomics. (submitted)
5. Hedge, A., Hua, Y. and Granetz, B. (2016) Effects of Four Energy GUI Dashboard Designs on the Use of Personal Ventilation Controls (in preparation)
4. Hedge, A., Hua, Y. And Granetz, B. (2016) Effects of Personal Ventilation Control on Comfort and Performance (in preparation)
3. Grozdanović, M. and Hedge, A. (2016) Ergonomic Design of the Control and Managing Centers in Electric Power Generation and Railway Traffic Systems in Serbia and Montenegro (under revision)
2. Hedge, A., Kline A.A., Lemley, A.T. and S.K. Obendorf (2016) Pesticides in indoor dust in farmhouses, rural and urban homes, TBA (under revision).
1. Homack, D.M.J. and Hedge, A. (2016) Occupational injuries to practicing Chiropractors in New York state, TBA, (under revision)

Conference Proceedings (refereed papers)

156. Zang, H., Hedge, A., and Gou, B. (2015) Ambient temperature effects on user thermal sensation with simulated tablet computer, Proceedings of the Human Factors and Ergonomics Society 59th Annual Meeting, October 26 - 30, 1090-1094.
155. Kar, G., Vu, A., Nehme, B.J. and Hedge, A. (2015) Effects of mouse, trackpad and 3D motion and gesture control on performance, posture and comfort, Proceedings of the Human Factors and Ergonomics Society 59th Annual Meeting, October 26 - 30, 327-331.
154. Alppay, C., Hedge, A. (2015) Development of an Ergonomics Checklist for the Evaluation of Medical Tablet Personal Computers, In Proceedings of the 6th International Conference on Applied Human Factors & Ergonomics, July 26-30, Las Vegas, NV.
153. Hedge, A. and James, T. (2014) Detrimental Effects of an Electronic Health Records System on Musculoskeletal Symptoms Among Health Professionals, Proceedings of the Human Factors and Ergonomics Society 58th Annual Meeting, October 28 - 31, 773-777.
152. Hedge, A., Puleio, J. (2014) Proactive Office Ergonomics Really Works, Proceedings of the Human Factors and Ergonomics Society 58th Annual Meeting, October 28 - 31, 482-486.
151. Spangler, A., Hedge, A. (2014) Effects of Environment and Input Technology on Human Working Memory for Medical Charting Information, Proceedings of the Human Factors and Ergonomics Society 58th Annual Meeting, October 28 - 31, 505-509.
150. Bubric, K., Hedge, A. (2014) Postural Risks Associated With Laptop Use on a Bed, Proceedings of the Human Factors and Ergonomics Society 58th Annual Meeting, October 28 - 31, 586-590.
149. Hawes, B., Hedge, A. (2014) The Effects of Fluorescent Versus LED Lighting on Soldier Tasks in Military Tents, Proceedings of the Human Factors and Ergonomics Society 58th Annual Meeting, October 28 - 31, 1094-1098.
148. Zhang, H. and Hedge, A. (2014) Laptop Heat and Models of User Thermal Discomfort, Proceedings of the Human Factors and Ergonomics Society 58th Annual Meeting, October 28 - 31, 1456-1460.
147. Hedge, A. (2013) The Importance of Ergonomics in Green Design, Proceedings of the Human Factors and Ergonomics Society 57th Annual Meeting, September 31 - October 4, 1061-1065.
146. Hedge, A. (2013) Benefits of a Proactive Office Ergonomics Program, Proceedings of the Human Factors and Ergonomics Society 57th Annual Meeting, September 31 - October 4, 536-540.
145. Hedge, A. (2013) Evaluating Ergonomics Risks for Digital Radiologists, In Vincent G. Duffy (Ed.) Digital Human Modeling and Applications in Health, Safety, Ergonomics, and Risk Management: Human Body Modeling and Ergonomics, 4th International Conference, DHM2013 Held as Part of HCI International 2013 Las Vegas, NV, USA, July 21-26, 2013 Proceedings, Part II, 50-58.

144. Wang, J., Hedge, A., Koszalka, T.A., Ishikawa, A., Kato, S., Zhang, J. (2013) Effects of Ventilation on Perceived Indoor Environmental Quality and Performance on Creativity and Productivity Tasks, Proceedings of CLIMA 2013, No. 495
143. Hedge, A. and James, T. (2012) Gender Effects on Musculoskeletal Symptoms among Physician Computer Users in Outpatient Diagnostic Clinics, In Proceedings of the Human Factors and Ergonomics Society 56th Annual Meeting, October 22-26, Boston, MA. 887-891.
142. Chung, S.S.E. and Hedge, A. (2012) A LISREL Analysis of Work-Related Musculoskeletal Disorders in Office Workers, In Proceedings of the Human Factors and Ergonomics Society 56th Annual Meeting, October 22-26, Boston, MA. 1283-1287.
141. Zeng, X., Hedge, A. and Guimbretiere, F. (2012) Fitts' Law in 3D Space with Coordinated Hand Movements, In Proceedings of the Human Factors and Ergonomics Society 56th Annual Meeting, October 22-26, Boston, MA, 990-994.
140. Bazeley, C., Vink, P. and Hedge, A. (2012) The Influence of Expectations and Pre-experiences on Comfort at Work, In Proceedings of the 4th international Conference on Applied Human Factors & Ergonomics 2012, July 21-25, San Francisco, CA, 7870-7878.
139. Scolere, L., Reid, B., Pardo, C.A., Meron, G., Licero, J. and Hedge, A. (2012) Making Electronic Infographics Enjoyable: Design Guidelines based on Eye Tracking, In Proceedings of the 4th international Conference on Applied Human Factors & Ergonomics 2012, July 21-25, San Francisco, CA, 8037-8046.
138. Agarwal, M.K, Hedge, A. and Ibrahim, S. (2012) "Will they buy my product - effect of UID & Brand", In Proceedings of the 4th international Conference on Applied Human Factors & Ergonomics 2012, July 21-25, San Francisco, CA, 6110-6119.
137. Hedge, A. and James, T. (2012) Ergonomic issues of computer use in a major healthcare system, In Proceedings of the 4th international Conference on Applied Human Factors & Ergonomics 2012, July 21-25, San Francisco, C, 2630-2639.
136. Hedge, A., Puleio, J. and Wang, V. (2011) Evaluating the impact of an office ergonomics program. Proceedings of the Human Factors and Ergonomics Society 55th Annual Meeting, Las Vegas, NV, September 19-23, 594-598.
135. Hedge, A. (2011) Alternative Workstations May Be New But Are They Better? Paper presented at Human Computer Interaction International 2011, Conference Proceedings, Orlando, FL, July 9-14.
134. Wang, J., Burris, M., Hedge, A., Koszalka, T.A. and Zhang, J.S. (2011). A pilot study on the effects of ventilation rate on creativity performance. Paper presented at the 12th International Conference of Indoor Air 2011, June 5-10, Austin, TX.
133. Hedge, A., Feathers, D.J. and Rollings, K.A. (2010) Ergonomic comparison of slanted and vertical computer mouse designs. Proceedings of the Human Factors and Ergonomics Society 54th Annual Meeting, San Francisco, CA, September 27- October 1, 561-565.
132. Hedge, A., Rollings, K.A and Robinson, J. (2010) "Green" Ergonomics: Advocating for the Human Element in Buildings. Proceedings of the Human Factors and

- Ergonomics Society 54th Annual Meeting, San Francisco, CA, September 27- October 1, 693-697.
131. Hedge, A., Feathers, D.J. and Rollings, K.A. (2010) Ergonomic comparison of five mouse designs: Performance and posture differences. In Proc. 3rd international Conference on Applied Human Factors & Ergonomics 2010, July 17-20, Miami, FL, USA, CD-ROM, 5pages.
 130. Feathers, D.J., Hedge, A. and Rollings, K.A. (2010) Ergonomic assessment of pronating-reducing mouse designs: Anatomical compliance in three-dimensional space. In Proc. 3rd international Conference on Applied Human Factors & Ergonomics 2010, July 17-20, Miami, FL, USA, CD-ROM, 5pages.
 129. Pavlovic-Veselinovic, S., Hedge, A. and Grozdanovic, M. (2010) An expert system for risk assessment of work-related musculo-skeletal disorders. Proc. 3rd international Conference on Applied Human Factors & Ergonomics 2010, July 17-20, Miami, FL, USA, CD-ROM, 5pages.
 128. Hedge, A. and Gaygen, D. (2009) Office Environmental Conditions and Computer Work Performance, Proceedings of the Human Factors and Ergonomics Society 53rd Annual Meeting, San Antonio, Oct. 19-23, 488-492.
 127. Hedge, A., Khalifa, H.E. and Zhang, J. (2009) On the Control of Environmental Conditions using Personal Ventilation Systems, Proceedings of the Human Factors and Ergonomics Society 53rd Annual Meeting, San Antonio, Oct. 19-23, 536-540.
 126. Hedge, A. and Gaygen, D. (2009) IAQ effects on office productivity, Proceedings of Healthy Buildings 2009, Syracuse, Sept. 13-19. 4 pages.
 125. Agarwal, A. and Hedge, A. (2008) The Impact of Web Page Usability Guideline Implementation on Aesthetics and Perceptions of the E-Retailer, Proceedings of the Human Factors and Ergonomics Society 52nd Annual Meeting, New York, Sept.22-26: 528-532.
 124. Lawler, E. and Hedge, A. (2008) Task-Specific Speed Preferences When Sitting on a Rotary Dynamic Seat, Proceedings of the Human Factors and Ergonomics Society 52nd Annual Meeting, New York, Sept.22-26: 687-691.
 123. Wang, X. and Hedge, A. (2008) A Usability Evaluation of a Laser Projection Virtual Keyboard, Proceedings of the Human Factors and Ergonomics Society 52nd Annual Meeting, New York, Sept.22-26: 537-541.
 122. Boothroyd, K. and Hedge, A. (2007) Effects of an LCD arm on comfort, posture and preference in an Architectural practice, Proceedings of the Human Factors and Ergonomics Society 51st Annual Meeting, Baltimore, Oct.1-5:549-553.
 121. Moe, C.R. and Hedge, A. (2007) Effects of a Vibrating Mouse on Computer Users' Work Behaviors and Performance, Proceedings of the Human Factors and Ergonomics Society 51st Annual Meeting, Baltimore, Oct.1-5: 991-995.
 120. Lawler, E. and Hedge, A. (2007) Effects of a dynamic seat pan on torso movement, back comfort, and task performance, Proceedings of the Human Factors and Ergonomics Society 51st Annual Meeting, Baltimore, Oct.1-5: 544.548.
 119. Vredenburgh, A.G., Hedge, A., Zackowitz, I.B., & Welner, J.M. (2007). Using human factors engineering to evaluate existing walkway accessibility standards. In

- Proceedings of the 59th Annual Meeting of the American Academy of Forensic Sciences, Vol. 13, Colorado Springs, CO: American Academy of Forensic Sciences, 172-173.
118. Levitt, M.K. and Hedge, A. (2006) Why does ergonomic furniture reduce but not eliminate musculoskeletal symptoms in offices?, Proceedings of the Human Factors and Ergonomics Society 50th Annual Meeting, San Francisco, Oct.16-20. 825-829.
 117. Agarwal, A. and Hedge, A. (2006) A 3D Body Scan Method to Investigate How Flexible Material Chair Backs Respond to the Seated Body, Proceedings of the Human Factors and Ergonomics Society 50th Annual Meeting, San Francisco, Oct.16-20. 804-808.
 116. Levitt, M.K. and Hedge, A. (2006) Does an Office Ergonomic Intervention change Individual and Occupational Risk Factors for Work-related Musculoskeletal Disorders? IEA2006: 16th World Congress on Ergonomics, Maastricht, July.
 115. Hedge, A. (2006) Macroergonomics and the Obesity Epidemic, Proc. IEA2006: 16th World Congress on Ergonomics (CD), Maastricht, July. 6 pages.
 114. Hedge, A., Sakr, W. and Argawal, A. (2005) Thermal effects on office productivity Proceedings of the Human Factors and Ergonomics Society 49th Annual Meeting, Orlando, Sept. 26-30, HFES, Santa Monica, 823-827.
 113. Hedge, A., Saito, M. and Jagdeo, J. (2005) Does chair design affect thermal comfort? Proceedings of the Human Factors and Ergonomics Society 49th Annual Meeting, Orlando, Sept. 26-30, HFES, Santa Monica, 793-797.
 112. Hedge, A., Jagdeo, J., Agarwal, A. and Rockey-Harris, K. (2005) Sitting or standing for computer work – does a negative-tilt keyboard tray make a difference? Proceedings of the Human Factors and Ergonomics Society 49th Annual Meeting, Orlando, Sept. 26-30, HFES, Santa Monica, 808-812.
 111. Thom-Santelli, J. and Hedge, A. (2005) Effects of a multitouch keyboard on wrist posture, typing performance and comfort. Proceedings of the Human Factors and Ergonomics Society 49th Annual Meeting, Orlando, Sept. 26-30, HFES, Santa Monica, 646-650.
 110. MacKenzie, C.M. and Hedge, A. (2005) Is Peppermint an Ergogenic Aid to Athletic Performance? Proceedings of the Human Factors and Ergonomics Society 49th Annual Meeting, Orlando, Sept. 26-30, HFES, Santa Monica, 1229-1233.
 109. Zackowitz, I.B., Vredenburg, A.G. and Hedge, A. (2005) A critical analysis of the usability and design of aluminum wheelchair ramps. Proceedings of the Human Factors and Ergonomics Society 49th Annual Meeting, Orlando, Sept. 26-30, HFES, Santa Monica, 803-807.
 108. Hedge, A. and Sakr, W. (2005) Workplace effects on office productivity: A macroergonomic framework. Proceedings of ODAM 20th Annual Meeting, Maui, June 22-25: IEA Press, pp. 75-80.
 107. Hedge, A. and Chen, C.C. (2004) Evaluation of pen-shaped and conventional mouse designs, Proceedings of the Human Factors and Ergonomics Society 48th Annual Meeting, New Orleans, Sept. 20-24, HFES, Santa Monica, 818-822.

106. Hedge, A. and Ray, E.J. (2004) Effects of an electronic height-adjustable worksurface on self-assessed musculoskeletal discomfort and productivity among computer workers, Proceedings of the Human Factors and Ergonomics Society 48th Annual Meeting, New Orleans, Sept. 20-24, HFES, Santa Monica, 1091-1095.
105. Hedge, A. (2004) The Professor's Practical Survival Guide To Ergonomics, SCAR University 2004, Design Considerations for a Filmless Enterprise, # 412 , May 20-23, Vancouver BC, Canada. (4 pages)
104. Hedge, A. and Ruder, M (2003) Dynamic sitting – how much do we move when working at a computer? Proceedings of the Human Factors and Ergonomics Society 47th Annual Meeting, Vol. 1, Oct. 13-17, Denver, CO, 947-951.
103. Hedge, A. and Bhambore, M (2003) Effect of providing foot support on lower leg temperature for sedentary workers. Proceedings of the Human Factors and Ergonomics Society 47th Annual Meeting, Oct. 13-17, Denver, CO, 937-941.
102. Hedge, A., Jaitli, R., Jagdeo, J, Ruder, M and Akiago, M. (2003) Effects of chair design on toddler behavior. Proceedings of the Human Factors and Ergonomics Society 47th Annual Meeting, Oct. 13-17, Denver, CO, 932-936.
101. Puleio, J. and Hedge, A. (2003) Effects of regulations on the choice of ergonomic methods: a comparative survey of California and New York Ergonomists. Proceedings of the Human Factors and Ergonomics Society 47th Annual Meeting, Oct. 13-17, Denver, CO, 1216-1220.
100. Shanis, J. and Hedge, A. (2003) Comparison of mouse, touchpad and multitouch input technologies. Proceedings of the Human Factors and Ergonomics Society 47th Annual Meeting, Oct. 13-17, Denver, CO, 746-750.
99. Sherman, C. and Hedge, A. (2003) Test of a dynamic footrest on leg swelling in sedentary computer workers. Proceedings of the Human Factors and Ergonomics Society 47th Annual Meeting, Oct. 13-17, Denver, CO, 942-946.
98. Hedge, A, Goldstein, M, Hettinger, L, Varner, C, Silva, D., Malafronte, J, and Goodyear, C. (2002) Longitudinal study of the effects of an adjustable ergonomic keyboard on upper body musculoskeletal symptoms. Proceedings of the Human Factors and Ergonomics Society 46th Annual Meeting, Sept. 30-Oct. 4, Baltimore, MD: 602-606.
97. Hedge, A, (2002) Smart furniture - workstation technologies that promote health. Proceedings of the Human Factors and Ergonomics Society 46th Annual Meeting, Sept. 30-Oct. 4, Baltimore, MD: 870-874.
96. Hedge, A, Rudakewych, M., and Valent-Weitz, L. (2002) Investigating total exposure to WMSD risks: the roles of occupational and non-occupational factors. Proceedings of the Human Factors and Ergonomics Society 46th Annual Meeting, Sept. 30-Oct. 4, Baltimore, MD: 1325-1329.
95. Hedge, A., Kline, A.A., Lemley, A.T., Obendorf, S.K., Dokuchayeva, T. and V. Gaskins (2002) Contaminants in residential floor dust, Proc. Indoor Air 2002, Vol. 1, Monterey, CA, June 30-July 5, 998-1003.

94. Rudakewych, M., Valent-Weitz, L. and A. Hedge (2001) Effects of an ergonomic intervention on musculoskeletal discomfort among office workers. Proceedings of the Human Factors and Ergonomics Society 45th Annual Meeting, Vol. 1, 791-795.
93. Lorusso, T., Hedge, A. and S. Middendorf (2001) Do anti-glare filters help computer users in offices?. Proceedings of the Human Factors and Ergonomics Society 45th Annual Meeting, Vol. 1, 786-790.
92. Ting, A. and A. Hedge (2001) An ergonomic evaluation of a hybrid keyboard and game controller. Proceedings of the Human Factors and Ergonomics Society 45th Annual Meeting, Vol. 1, 677-681.
91. Westerman, W., Elias J.G. and A. Hedge (2001) Multi-touch: a new tactile 2-d gesture interface for human-computer interaction Proceedings of the Human Factors and Ergonomics Society 45th Annual Meeting, Vol. 1, 632-636.
90. Hedge, A. Barrero, M. and Maxwell, L. (2000) Ergonomics and classroom computer use. Proceedings of the International Ergonomics Association 2000 & Human Factors and Ergonomics Society 2000, San Diego, CA, July.
89. Hedge, A. and Erickson, W.A. (2000) The Role of Ergonomic and Psychosocial Complaints Related to Poor Indoor Air Quality 2000 Indoor Air Quality Symposium-Current Practices Around the World, Orlando, Fl., May.
88. Barrero, M. Hedge, A. and Muss, T. (1999) Effects of chair arm design on wrist posture. Proceedings of the Human Factors and Ergonomics Society 43rd Annual Meeting, Vol. 1, pp. 584-588.
87. Marut, M. and Hedge, A. (1999) Ergonomic survey of household tasks and products. Proceedings of the Human Factors and Ergonomics Society 43rd Annual Meeting, Vol. 1, pp. 506-510.
86. Muss, T. and Hedge, A. (1999) Effects of a vertical-split keyboard on posture, comfort and performance. Proceedings of the Human Factors and Ergonomics Society 43rd Annual Meeting, Vol. 1, pp. 496-500.
85. Segal, M and Hedge, A. (1999) Space shuttle noise and active noise reduction effects on speech intelligibility. Proceedings of the Human Factors and Ergonomics Society 43rd Annual Meeting, Vol. 1, pp. 41-45.
84. Yoshizumi, K., Ishibashi, Y., Kudo, T., Hedge, A., Muramatsu, K., and Takatori, K. (1999) Application of passive sampling methodology to the characterization of indoor air quality, Proceedings of Indoor Air '99, Edinburgh, UK Vol. 2, 870-875.
83. Hedge, A. and Reynolds, S. (1999) Application of computation fluid dynamics to analysis of indoor air quality in offices, Proceedings of the Indoor Air '99, Edinburgh, UK Vol. 4, 761-766.
82. Hedge, A. and Erickson, W.A. (1999) Comparison of sick building syndrome cases and controls: results from a diary study, Proceedings of Indoor Air '99, Edinburgh, UK Vol. 1, 94-99.
81. Hedge, A. and Erickson, W.A. (1999) Associations between sick building syndrome, indoor climate and office ergonomics, Proceedings of Indoor Air '99, Edinburgh, UK Vol. 1, 155-200.

80. Hedge, A. (1998) Quantifying Office Productivity: an Ergonomic framework. Proceedings of the Human Factors and Ergonomics Society 42nd Annual Meeting, Vol. 2, pp. 974-978.
79. Hedge, A. and Erickson, W.A. (1998) Office Environment Syndrome Study: Part 1. Proceedings of the Human Factors and Ergonomics Society 42nd Annual Meeting, Vol. 1, pp. 634-638.
78. Hedge, A. and Erickson, W.A. (1998) Office Environment Syndrome Study: Part 2. Proceedings of the Human Factors and Ergonomics Society 42nd Annual Meeting, Vol. 1, pp. 639-643.
77. Dietert, R.R. and Hedge, A. (1997) Chemical sensitivity and the immune system: a paradigm to approach potential immune involvement. Neurotox. Proc.
76. Hedge, A. (1997) Ergonomic design considerations for modern lift trucks, Proceedings of Promat'97, Vol. 1, 271-275.
75. Hedge, A. (1996) Sick and Healthy Buildings: A design database. NRC Colloquium on "Building Performance and Worker Productivity.
74. Hedge, A. And Shaw, G. (1996) Effects of a chair-mounted split keyboard on performance, posture and comfort, Proceedings of the Human Factors and Ergonomics Society 40th Annual Meeting, Vol. 1, 624-628.
73. Hedge, A., McCrobie, D., and Corbett, S. (1996) Effects of anti-glare filters on computer workers: results from an ergonomic field study. Proceedings of the Human Factors and Ergonomics Society 40th Annual Meeting, Vol. 1, 478-482.
72. Hedge, A. McCrobie, D., Land, B., Morimoto, S. and Rodriguez, S. (1995) Healthy keyboarding: effects of wrist rests, keyboard trays and a preset tiltdown keyboard on wrist posture, seated posture, and musculoskeletal discomfort, Proceedings of the Human Factors and Ergonomics Society 39th Annual Meeting, Vol. 1, 630-634.
71. Hedge, A. (1995) Future developments in Air conditioning and Lighting systems: Intelligent workspaces for intelligent workers", V International Seminar of Advanced Technology - Intelligent Offices and Buildings, July 17-18, Sao Paulo, Brazil.
70. Hedge, A. and Erickson, W.A. (1995) Effects of a steam humidification system on indoor air quality, perceived climate conditions, and sick building syndrome in an office, IAQ'94, ASHRAE, 117-127.
69. Hedge, A. Erickson, W.A. and Rubin, G. (1995) Effects of implementing a no-smoking policy on office air quality, perceived environmental conditions, and sick building syndrome. IAQ'94, ASHRAE, 107-115.
68. Hedge, A. (1994) Sick building syndrome: is it an environmental or a psychosocial phenomenon? Healthy Indoor Air'94, La Riforma Medica, Supplemento 1, 109•N.2, 9-22.
67. Hedge, A. (1994) The use of breathing zone filtration (BZF) to indoor air quality and office worker comfort and health. Healthy Indoor Air'94, La Riforma Medica, Supplemento 1, 109, N.2, 353-360.
66. Hedge, A. and Erickson, W.A.(1994) How do changes in office smoking policy influence indoor air quality, perceived climate conditions, and sick building syndrome. Healthy Indoor Air'94, La Riforma Medica, Supplemento 1, 109•N.2, 237-246.

65. Rudakewych, M., Valent, L. and Hedge, A. (1994) Field evaluation of a negative slope keyboard system designed to minimize postural risks to computer workers, Work With Display Units'94, Milan, Italy, October 2-5, C17-C19.
64. Hedge, A. (1994) Reactions of computer users to three different lighting systems in windowed and windowless offices, Work With Display Units'94, Milan, Italy, October 2-5, B54-B56.
63. Hedge, A. (1994) Human Factors aspects of museum design. Proceedings of Public Institutions for Personal Learning: The long-term impact of museums, Aug. 28-29, Annapolis, MD.
62. Hedge, A. (1994) Effects of a negative slope keyboard system on musculoskeletal complaints among computer workers (abstract), International Ergonomics Conference '94, Vol. 4, 462, Aug. 15-19, Toronto, Canada.
61. Hedge, A. (1994) When every place is a workplace: implications of ecological ergonomics for new working practices, International Ergonomics Conference '94, Vol. 5, 159-161, Aug. 15-19, Toronto, Canada.
60. Hedge, A. (1994) Healthy environmental conditions for computer workers, International Ergonomics Conference '94, Vol. 5, 282-284, Aug. 15-19, Toronto, Canada.
59. Hedge, A. (1993) Office ergonomics: Voodoo spells or sound science, Proceedings of the Human Factors and Ergonomics Society 37th Annual Meeting, Vol. 1, Human Factors and Ergonomics Society, 474-476.
58. Hedge, A., Mitchell, G.E., McCarthy, J., Ludwig, J. and Wilkes, A. (1993) Effects of a furniture-integrated breathing-zone filtration system upon indoor air quality and health, CLIMA 2000 London, England, Nov. 1-3, 72-73 (Abstract). Paper on conference CD-ROM
57. Hedge, A. Erickson, W.A. and Rubin, G. (1993) Psychosocial correlates of sick building syndrome, Indoor Air'93: Health effects, Proceedings of the 6th International Conference on Indoor Air Quality and Climate, vol. 1, Helsinki, Finland, July 4-8, 345-350.
56. Hedge, A. Erickson, W.A. and Rubin, G. (1993) Effects of man-made mineral fibers in settled dust on sick building syndrome in air-conditioned offices, Indoor Air'93: Health effects, Proceedings of the 6th International Conference on Indoor Air Quality and Climate, vol. 1, Helsinki, Finland, July 4-8, 291-296.
55. Hedge, A. Erickson, W.A. and Rubin, G. (1993) Effects of restrictive smoking policies on indoor air quality and sick building syndrome: a study of 27 air-conditioned offices, Indoor Air'93: Health effects, Proceedings of the 6th International Conference on Indoor Air Quality and Climate, vol. 1, Helsinki, Finland, July 4-8, 517-522.
54. Hedge, A., Mitchell, G.E., McCarthy, J. and Ludwig, J. (1993) Effects of a furniture-integrated breathing-zone filtration system on indoor air quality, sick building syndrome, productivity, and absenteeism, Indoor Air'93: Ventilation, Proceedings of the 6th International Conference on Indoor Air Quality and Climate, vol. 5, Helsinki, Finland, July 4-8, 383-388.

53. Burge, P.S., Robertson, A.S. and Hedge, A. (1993) Surveillance of office buildings using the workforce to measure the building symptom index (BSI), a measure of the sick building syndrome, Indoor Air'93: Health effects, Proceedings of the 6th International Conference on Indoor Air Quality and Climate, vol. 1, Helsinki, Finland, July 4-8, 731-736.
52. Hedge, A. Erickson, W.A. and Rubin, G. (1993) Indoor air quality and sick building syndrome in 27 airconditioned offices: the effects of five smoking policies, In Sterling, E., Bieva, C. and Collett, C. (eds.) Building Design, Technology and Occupant Well-being in Temperate Climates, Proceedings of the International Conference, ASHRAE, Brussels, Belgium, February 17-19, 280-287.
51. Hedge, A. Mitchell, G.E. and McCarthy, J. (1993) The effects of Breathing-zone filtration on perceived indoor air quality and sick building syndrome, In Sterling, E., Bieva, C. and Collett, C. (eds.) Building Design, Technology and Occupant Well-being in Temperate Climates: Proceedings of the International Conference, ASHRAE, Brussels, Belgium, February 17-19, 145-150.
50. Hedge, A., Erickson, W.A., and Rubin, G. (1993) Why do gender, job stress, job satisfaction, perceived indoor air quality, and VDT use influence reports of the sick building syndrome in offices? In H. Luczak, A.E. Çakir, and G. Çakir (eds.), Work With Display Units '92, Selected Proceedings of the 3rd International Conference WWDU'92, Berlin, 1-4 September, NY, North-Holland, 49-53.
49. Hedge, A. (1992) Indoor air quality concerns in offices, Proceedings of IFMA '92: 13th Annual Conference and Exposition on Facilities Management, Oct. 4 - 7, New Orleans, LA.
48. Hedge, A., Erickson, W.A., and Rubin, G. (1992) Occupational stress and the sick building syndrome: a survey of 4,479 office workers, Stress in the 90's: A Changing Workforce in a Changing Workplace, APA/NIOSH Conference, November 19-22.
47. Powers, J.R., Hedge, A., and Martin, M.G. (1992) Effects of full motion forearm supports and a negative slope keyboard system on hand-wrist posture while keyboarding, In Proceedings of the 36th Annual Meeting of the Human Factors Society, Vol. 1, Human Factors Society, 796-800.
46. Hedge, A. (1992) Indoor air quality concerns in offices, Proceedings of IFMA '92: 13th Annual Conference and Exposition on Facilities Management, Oct. 4 - 7, New Orleans, LA.
45. Hedge, A. (1992) Sick buildings, sick terminals, sick workers - is there a link? In H. Luczak, A.E. Çakir, and G. Çakir (eds.), Work With Display Units '92, Technische Universität Berlin, Institut für Arbeitswissenschaft, I - 32.
44. Hedge, A., Erickson, W.A., and Rubin, G. (1992) Why do gender, job stress, job satisfaction, perceived indoor air quality, and VDT use influence reports of the sick building syndrome in offices? In H. Luczak, A.E. Çakir, and G. Çakir (eds.), Work With Display Units '92, Technische Universität Berlin, Institut für Arbeitswissenschaft, A - 2.
43. Hedge, A., Powers, J.R., and Martin, M.G. (1992) Healthy keyboarding: An experimental test of a Negative Keyboard Slope to Minimize Carpal Tunnel Syndrome

- Risks, In H. Luczak, A.E. Çakir, and G. Çakir (eds.), Work With Display Units '92, Technische Universität Berlin, Institut für Arbeitswissenschaft, D-39 - D-40.
42. Hedge, A. (1992) The results of a survey on the impact of breathing zone filtration on indoor air quality and sick building syndrome. Proceedings First Annual IAQ Conference and Exposition, Tampa, FL, April 29-May 2, National Coalition on Indoor Air Quality, pp. 103-110.
 41. Hedge, A. (1992) Workstation environmental factors - the 1990s - the decade of the environment. In A. Rubin (ed.) Office Workspace for Tomorrow DOT Workshop (November 13-14, 1991) Contributed Papers, NISTIR 4801, March, pp. 43-49.
 40. Hedge, A. (1991) The effects of direct and indirect office lighting on VDT workers, Proceedings of the 35th Annual Meeting of the Human Factors Society, Vol. 1, Human Factors Society, 551-555.
 39. Hedge, A. (1991) Healthy office lighting for computer workers: a comparison of lensed-indirect and direct systems. Healthy Buildings - IAQ '91, ASHRAE, 61-66.
 38. Hedge, A., Erickson, W.A., and Rubin, G. (1991) The effects of smoking policy on indoor air quality and sick building syndrome in 18 air-conditioned offices. Healthy Buildings IAQ '91, ASHRAE, 151-159
 37. Hedge, A., Martin, M.G. and McCarthy, J. (1991) Breathing-zone filtration effects on indoor air quality and sick building syndrome complaints. Healthy Buildings - IAQ '91, ASHRAE, 351-357.
 36. Hedge, A. (1991) The effects of direct and indirect office lighting on VDT workers. In Y. Quéinnec and F. Daniellou (eds.), Designing for Everyone, Proceedings of the 11th Congress of the International Ergonomics Association, Vol. 3, Taylor and Francis, 713-715.
 35. Hedge, A., Erickson, W.A., and Rubin, G. (1991) VDT use, job stress, job satisfaction and the sick building syndrome in offices. In Y. Quéinnec and F. Daniellou (eds.), Designing for Everyone, Proceedings of the 11th Congress of the International Ergonomics Association, Vol. 1, Taylor and Francis, 713-715.
 34. Hedge, A. and Ellis, D. (1991) New graphic database software for managing facilities performance, Facilities '91: Computer-Aided Facility Management and High-Tech Systems Conference, Washington, D.C. May 8-10.
 33. Hedge, A. (1991) Psychosocial and environmental influences on sick building syndrome, Indoor Air Pollution, University of Tulsa, Division of Continuing Education, The Center for Environmental Research and Technology, May 2-3, H1-H15.
 32. Hedge, A. (1991) Office lighting for VDT work: comparative surveys of reactions to parabolic and lensed-indirect systems, In Lovesey, E.J. (ed.) Contemporary Ergonomics 1991, Proceedings of the Ergonomics Society Annual Conference, Southampton, England, 16-19 April, (London: Taylor and Francis), pp. 300-305.
 31. Hedge, A. (1991) Diagnosing, curing and preventing sick building syndrome incidents, Part I. In Proceedings of the 2nd Annual Canadian Facility Management Conference and Exposition, April 7-10, Toronto, Canada. pp. 47-53.
 30. Hedge, A., Michael, A.T., and Parmelee, S.L. (1990) Improving thermal comfort in offices: the impact of underfloor task-air ventilation, In Proceedings of the 34th Annual

- Meeting of the Human Factors Society, Vol. 1, Santa Monica: Human Factors Society, 537-541.
29. Hedge, A. and Ellis, D. (1990) Computer-aided Facilities Diagnostics: a new software tool for the armory of the macro-ergonomist, In Proceedings of the 34th Annual Meeting of the Human Factors Society, Vol. 2, Santa Monica: Human Factors Society, 859-863.
 28. Hedge, A. (1990) Questionnaire design guidelines for investigations of "sick" buildings. In Precedings of Indoor Air '90, the 5th International Conference on Indoor Air Quality and Climate, Toronto, Canada, 29 July - 3 August, vol. 1, 605-610.
 27. Hedge, A. and Ellis, D. (1990) Computer-aided Facilities Diagnostics: A new software tool for investigating indoor environmental problems. In Precedings of Indoor Air '90, the 5th International Conference on Indoor Air Quality and Climate, Toronto, Canada, 29 July -3 August, vol. 4, 127-132.
 26. Hedge, A., Erickson, W.A., and Rubin, G. (1990) Building ventilation and smoking policy effects on indoor air quality and employee comfort and health. In Precedings of Indoor Air '90, the 5th International Conference on Indoor Air Quality and Climate, Toronto, Canada, 29 July - 3 August, vol. 1, 739-744.
 25. Burge, P.S., Robertson, A.S. and Hedge, A. (1990) Validation of self-administered questionnaire in the diagnosis of sick building syndrome. In Precedings of Indoor Air '90, the 5th International Conference on Indoor Air Quality and Climate, Toronto, Canada, 29 July - 3 August, vol. 1, 575-580.
 24. Hedge, A. and Jamison, K.J. (1990) Zoo evaluation: a multi-user strategy. In Proceedings of the Conference of the American Association of Zoological Parks and Aquariums, April 28-May 1, Washington, D.C., 536-543.
 23. Hedge, A. (1990) Office Environmental Impacts on Occupant Health and Welfare. Plenary Presentation. In Proceedings of CFM'90: Critical Strategies. Canadian Facility Management Show and Seminars, Ottawa, May 14-15. Public Works Canada, pp. 4.1-4.12.
 22. Hedge, A. (1989) Psychological and occupational correlates of the "sick building syndrome" in offices. British Psychological Society (London) Conference, 19 December, London, U.K. (published abstract).
 21. Hedge, A. (1989) The interior environment. In "Building Tomorrow's Environment Today - Conference '89", Proceedings of the Federal Real Property Bureau Conference, Government of Canada, Ottawa, 27 November. pp. 87-106.
 20. Hedge, A., Sims, W. and Becker, F. (1989) Lighting the computerized office: a comparative field study of parabolic and lensed-indirect lighting systems. In Proceedings of the 33rd Annual Meeting of the Human Factors Society, Vol. 1, Santa Monica: Human Factors Society, pp 521-525.
 19. Hedge, A. (1988) Job stress, job satisfaction, and work-related illness in offices. In Proceedings of the 32nd Annual Meeting of the Human Factors Society, Vol. 2, Santa Monica: Human Factors Society, pp 777-779.
 18. Hedge, A. (1988) Investigating the "sick building syndrome" in offices: methodological and conceptual issues. In Looking back to the future, Proceedings of the 10th Biennial

- Conference of the International Association for the Study of People and their Physical Surroundings, Delft, the Netherlands, 5-8 July, Vol. 1: Program and Abstracts, pp. 102-103. (published abstract)
17. Robertson, A.S., Burge, P.S., Hedge, A., Wilson, S. and J. Harris-Bass (1988) The relationship between passive cigarette smoke exposure in office workers and symptoms of "building sickness". In R. Perry and P.W. Kirk (eds.) Indoor and Ambient Air Quality, Selper Publications, London.U.K. pp. 320-326.
 16. Hedge, A. (1988) Indoor air quality: effects on human health and comfort. In Proceedings of the Workshop on Indoor Air Quality, March 3-4, Vancouver, B.C. Canada. Technical University of Nova Scotia.
 15. Hedge, A. (1987) The Sick Building Syndrome - Individual and Psychological Factors. In Proceedings of the Conference on Office Air Quality: Building Related Illness, Passive Smoking and Other Pollutants, 2-3 December, Nottingham, U.K. pp. 15-26.
 14. Hedge, A. (1987) Atmospheric Pollutants in Offices - An Overview. In Proceedings of the Conference on Office Air Quality: Building Related Illness, Passive Smoking and Other Pollutants, 2-3 December, Nottingham, U.K. pp. 65-74.
 13. Hedge, A., Wilson, S., Burge, P. S., Robertson, A. S. and J. Harris-Bass. (1987) Environmental, psychological and organizational correlates of employee health in offices: A proposed model. In: Proceedings of the 31st Annual Meeting of the Human Factors Society, Santa Monica: Human Factors Society, pp. 736-740.
 12. Hedge, A., Wilson, S., Burge, P. S. and J. Harris-Bass. (1987) Indoor Climate and Employee Health in Offices. In B. Siefert, H. Esdon, M. Fischer, H. Ruden and J. Wegner (eds.) Indoor Air '87, Proceedings of the 4th International Conference on Indoor Air Quality and Climate, Berlin (West), 17-21 August , Vol. 2, pp. 492-496.
 11. Hedge, A., Sterling, E. M., Collett, C. W., and B. Mueller. (1987) Indoor Air Quality as a Psychological Stressor. In B. Siefert, H. Esdon, M. Fischer, H. Ruden and J. Wegner (eds.), Indoor Air '87, Proceedings of the 4th International Conference on Indoor Air Quality and Climate, Berlin (West), 17-21 August , Vol. 2, pp. 552-556.
 10. Hedge, A., Sterling, E. M. and T. D. Sterling. (1987) Building Illness Indices based on questionnaire responses. In: Proceedings of the ASHRAE Conference IAQ '86, Managing Indoor Air for Health and Energy Conservation. ASHRAE, pp. 31-43.
 9. Hedge, A. (1986) Alternative High-Tech: Humanizing the White-Collar Workplace. In: M. E. Dolden and R. Ward Jr. (Eds.), Proceedings of the Architectural Research Centers Consortium Workshop on 'The Impact of the Work Environment on Productivity', A.I.A., Washington, DC, 17-19 April, 1985, A.R.C.C., Inc., Washington, DC, pp. 283-290.
 8. Hedge, A. (1986) Issues of Office Design: Some personal reflections. In: M. E. Dolden and R. Ward Jr. (Eds.), Proceedings of the Architectural Research Centers Consortium Workshop on 'The Impact of The Work Environment on Productivity', A.I.A., Washington, DC, 17-19 April, 1985, A.R.C.C. Inc., Washington, DC, pp. 291-300.
 7. Hedge, A., Sterling, E. M. and T. D. Sterling. (1986) Evaluating office environments: The case for a macroergonomic systems approach. In: O. Brown Jr. and H. Hendrick (eds.), Human Factors in Organizational Design and Management - II, Elsevier Science Pub., pp. 419-424.

6. Hedge, A. (1984) Ill health among office workers: An examination of the relationship between office design and employee well-being. In: E. Grandjean (ed.), Ergonomics and Health in Modern Offices, Taylor and Francis, pp. 46-51.
5. Hedge, A. and R. C. Crawley. (1982) Employee and Organizational Responses to Information Technology: A Social Science Approach to Systems Design. In: G. Holst, L. Bannon and U. Barry (Eds.), Information Technology - Impact of the way of life. (Proceedings of EEC Conference on Information Technology), Tycooly International Dublin, Ireland, Chapter II, pp. 133-143.
4. Hedge, A. (1981) Surviving a nuclear war. Proceedings of Medical Association for the Prevention of War, 3 (5), 185-200.
3. Hedge, A. (1980) Psychology of the Survivor. Proceedings of "SASEM 80". University of Hull, September.
2. Hedge, A. (1980) Office Design: User reactions to open-plan. In: R. Thorne and S. Arden (Eds.), "People and the Man-Made Environment: Buildings, Urban and Landscape Design Related to Human Behaviour. School of Architecture, Univ. Sydney, Australia, May 1980, pp. 57-68.
1. Hedge, A. (1976) Behaviour patterns: A review of human responses to disasters, with specific reference to nuclear war. Proc. 24th Annual Study, Assoc. of Civil Defense and Emergency Planning Officers. Coventry.

Conference Proceedings (unrefereed full papers/refereed abstracts/posters)

40. Hedge, A., Khalifa, H.E. and Zhang, J. (2009) On the personal control of indoor environmental quality, Proceedings of Healthy Buildings 2009, Syracuse, Sept. 13-19. Poster.
39. Hedge, A. (2008) Using Measurement-based Tools to Analyze Productivity, Proc. National Ergonomics Conference & Exposition, WB2, Las Vegas, NV, Dec. 3-5
38. Hedge, A. (2007) Economic impact of ergonomics resulting from minimizing musculoskeletal injuries and enhancing productivity, PACS 2007 Informatics: The Foundation of the Digital Healthcare Enterprise, San Antonio, March 20-23.
37. Hedge, A. (2006) Reading Room Ergonomics, SCAR 2006, Society for Computer Applications in Radiology, Austin, TX, 4/26-4/30/06.
36. Hedge, A. (2006) Ergonomic Considerations for the Sedentary Radiologist, PACS 2006 - The Digital Healthcare Information & Management Systems (DHIMS) March 14-17, 2006, San Antonio TX.
35. Hedge, A. (2006) Impact of Ergonomics on DHIMS, March 14-17, 2006, San Antonio TX.
34. Hedge, A. (2005) Practical Solutions in Office Ergonomic: From the frugal to the flamboyant. National Ergonomics Conference and Exposition, November 29 – December 3, Las Vegas, NV.
33. Hedge, A. (2005) Best practices for site –wide hospital ergonomics. National Ergonomics Conference and Exposition, November 29 – December 3, Las Vegas, NV.
32. Hedge, A. (2005) Ergonomics of Reading Room Design, SCAR 2005, Society for Computer Applications in Radiology, Orlando, FL, 6/2-5/05.
31. Hedge, A. (2005) Ergonomic considerations in the digital healthcare environment, PACS 2005, San Antonio TX, 3/9/12/05.

30. Hedge, A. (2004) Future Office Trends: Ergonomic Challenges & Opportunities. National Ergonomics Conference and Exposition, November 29 – December 3, Las Vegas, NV.
29. Hedge, A. (2004) Wise words or perplexing prose: Strategies for successful media interviews, Paper presented at the National Ergonomics Month meeting at the Human Factors and Ergonomics Society 48th Annual Meeting, New Orleans, Sept. 20-24.
28. Hedge, A. (2004) Linking environmental conditions to productivity, Eastern Ergonomics Conference and Exposition, June 21-23, New York, NY.
27. Hedge, A. (2004) The Professor's Practical Survival Guide To Ergonomics, Society for Computer Applications in Radiology - SCAR University 2004, Design Considerations for a Filmless Enterprise, # 412, May 20-23, Vancouver BC, Canada. (4 pages)
26. Hedge, A. (2002) Immune buildings - using ergonomics and environmental design to create safe and secure settings. Proceedings of the Human Factors and Ergonomics Society 46th Annual Meeting, Sept. 30-Oct. 4, Baltimore, MD: 859. (abstract)
25. Larson, N. and Hedge, A. (1999) New research on office seating issues, Proceedings of the Human Factors and Ergonomics Society 43rd Annual Meeting, Vol. 1, 573. (abstract)
24. Laeser, K., Hedge, A., and Maxwell, L. (1997) Computer workstation design effects on posture and performance: children grades 6 and 8, Proceedings of the Human Factors and Ergonomics Society 41st Annual Meeting, Vol. 1, (abstract/poster).
23. Stensland, J., Hedge, A. and Danko, S. (1996) The "greening" of interior design in cyberspace: A human factors approach to the development of a sustainable design database. Proceedings of the Interior Design Educators Conference.
22. Hedge, A. (1996) Effects of furniture-integrated task lighting systems on comfort and health in a windowless office, Proceedings of the Human Factors and Ergonomics Society 40th Annual Meeting, Vol. 1, (abstract/poster).
21. Hedge, A. (1996) Evaluating ergonomic keyboard systems. Proceedings of the National Ergonomics Exposition and Conference, Chicago Ill., April 9-11, 67-68.
20. Hedge, A. and Rodriguez, S. (1995) Dilbert's place: environmental evaluation of an intelligent building environment using scientific visualization tools, Proceedings of the Human Factors and Ergonomics Society 39th Annual Meeting, Vol. 1, 429 (abstract)
19. Hedge, A. and Ng, L. (1995) Effects of a fixed-angle split keyboard with center trackball on performance, posture and comfort compared with a conventional keyboard and mouse, Proceedings of the Human Factors and Ergonomics Society 39th Annual Meeting, Vol. 2, 957 (abstract)
18. Hedge, A. (1995) Sick building syndrome, Proceedings of 8th Indoor Air Pollution conference, Univ. Tulsa, Tulsa, Sept. 25-27, 15 pages.
17. Hedge, A. (1995) Office ergonomics: the role of workstation environmental factors, Proceedings of World Workplace '95, International Facilities Management Association, Miami, Sept. 17-20, Vol. 1, 414-417.
16. Hedge, A. (1995) Carpet and indoor air quality, Proceedings of World Workplace '95, International Facilities Management Association, Miami, Sept. 17-20, Vol. 1, 181-187.
15. Hedge, A. (1995) Sick building syndrome and mass psychogenic illness, Annual Environmental Medicine conference, Aspen, Colorado, Sept. 7-9.
14. Hedge, A. and Rodriguez, S. (1995) Visualization Techniques Used for reporting Post-occupancy Evaluations (POEs) in Traditional vs. Intelligent Buildings, Intellibuild'95, International Facilities Management Association, June 6, Atlanta, Georgia.
13. Hedge, A. (1994) New carpet, indoor air quality, and human health. Paper presented at

- the 25th Annual Technical Conference of the Carpet and Rug Institute, Dalton, GA, November 3.
12. Hedge, A. (1994) ANSI/HFES100 VDT standard: the work of the committee. Panel presentation at the Human Factors and Ergonomics Society 38th Annual Meeting, Nashville, Tennessee, October 24-28.
 11. Hedge, A. (1994) Recent progress with the work of the ANSI/HFES100 VDT standard revision committee. Paper presented at Interplan: The new designer's saturday. New York, NY, September 27-29.
 10. Hedge, A. (1994) New computer keyboard designs, Managing Ergonomics in the 1990's, NAIMA/COT, Feb. 28-May 2 Nashville, Tennessee .
 9. Hedge, A. (1993) The scientific and technical aspects of indoor air pollution, Symposium on Indoor Air Quality, George Washington University Center, Washington D.C, September 20.
 8. Hedge, A. (1993) Psychosocial correlates of indoor air quality, Indoor Environment '93, Conference precedings, Baltimore, April 21-23.
 7. Hedge, A. (1993) New carpet emissions and indoor air quality, Indoor Environment '93, Conference precedings, Baltimore, April 21-23.
 6. Hedge, A. (1992) Cumulative trauma disorder and other health problems in computerized offices, Addressing the Employee Health Crisis in Today's Computerized Office, Cornell University, Ithaca, June 24-25.
 5. Hedge, A. (1990) Emerging trends in office environment design. In Proceedings of the Forum on Business and Technology Conference, "Cost-Effective Corporate Facilities: The Next Generation". 16-17 October, Boston, pp. 10.1-10.8.
 4. Hedge, A. (1988) Report from Europe - New Trends in Success Factors for Buildings. In Proceedings of the Forum on Business and Technology Conference, "Developer Built Corporate Facilities". 6-7 October, Boston, pp. 2.1-2.3.
 3. Hedge, A. (1988) New office concepts that will impact facilities decisions. In Proceedings of the Forum on Business and Technology Conference, "New Cost-effective Corporate Facilities for the 1990s". 21-22 April, San Diego, pp. 2.1-2.14.
 2. Hedge, A. (1987) The impact of open and closed offices on employees. In Proceedings of the Forum on Business and Technology Conference, "Flexible Buildings and Open/Closed Offices for the 1990s". 12-13 November, San Francisco, pp. 2.1-2.4.
 1. Hedge, A. (1986) The Impact of Open and Closed Offices on Employees. In Proceedings of Forum on Business and Technology Conference, "Open-Plan/Closed-Plan Offices for the 1990's", 9-10th October, Boston, pp. 1.1-1.10.

Articles/Letters (Professional)

26. Hedge, A. (2008) The sprouting of "green" ergonomics, Bulletin of the Human Factors and Ergonomics Society, 51 (12), 1-3. December.
25. Hedge, A. and Spier, A.L. (2008) On the future of ergonomics: HFES members speak out, Bulletin of the Human Factors and Ergonomics Society, 51 (2), 1-2. February.
24. Hedge, A. (2004) To Sit Or To Stand In The Office – Why Choose?, The Ergonomics Report, 10/27/2004
23. Hedge, A. (2004) Ergonomics Programs Work: The Emperor Has Wonderful Clothes, The Ergonomics Report, 3/1/2004
22. Hedge, A. (2004) Inside out, iVT International, April, 46-50.
21. Hedge, A. (2003) Computer use and risk of carpal tunnel syndrome, JAMA, 290 (14),

- 1854 (letter).
20. Hedge, A. (2003) HFES Web Site Survey Summary Results, HFES Bulletin, 46(9), 2-4.
 19. Hedge, A. (2003) Ergonomics training – everyone needs it, The Ergonomics Report, 8, 8-9.
 18. Maxwell, L. and Hedge, A. (1996) Carpet and Indoor Air Quality, Facilities Planning and Management Notes, 1 (2).
 17. Hedge, A. (1995) Minimizing carpal tunnel syndrome risks, Forefronts: Cornell Theory Center, 10 (2), 6-9.
 16. Hedge, A. (1992) Indoor Air Quality and “Sick” Building Syndrome in Offices, Human Ecology Forum, 20 (1), 2-6
 15. Hedge, A. (1992) Furniture-integrated filtration technology, Indoor Air Review, 2, (1), 18, 22.
 14. Hedge, A. (1992) Does increasing the ventilation rate improve IAQ and reduce complaints? Skylines, 17, (1), BOMA, pp. 32-33.
 13. Hedge, A. (1991) Healthy buildings. Around the Desk, 1 (1), CenterCore, Mississauga, Canada, pp. 3-4.
 12. Hedge, A. (1991) Air cleaner technology: a review of the basics, Indoor Air Review, 1, (6), 33, 37, 38, 53.
 11. Hedge, A. (1991) Computer projection in the classroom: an expensive toy or an essential tool? CIT News, Cornell Information Technologies, February/March, 17-18.
 10. Hedge, A. (1991) Healthy lighting for the workplace, Employee Services Management, January, 40-41.
 9. Hedge, A. (1990) Task air ventilation systems rate high with facilities managers and workers. Facilities Planning News, 9, (10), 4-5.
 8. Hedge, A. (1990) Lensed-indirect and parabolic downlighting systems for computer work: which works best. Facilities Planning News, 9, (2), 4, 11.
 7. Hedge, A. (1988) New trends in European office design. Facilities Planning News, 7, (4), 1,2.
 6. Hedge, A. (1988) Europe and Japan close the open office. Facilities Planning News, 7, (2), 1,4.
 5. Hedge, A. (1987) Recent research on the Sick Building Syndrome. Health and Safety Focus, 2 (8), 4-5.
 4. Hedge, A. (1987) Sick Building Syndrome: An overview. Health and Safety Focus, 2 (7), 9-10.
 3. Hedge, A. (1984) Office Air Quality and Workers' Health. Facilities, 2 (10), 13-17.
 2. Hedge, A. (1983) Recent research on Thermal Comfort. Facilities, 2 (1), 3-4.
 1. Hedge, A. (1983) Staff have their say on open plan. Design, 412, 52.

Legislative Testimony

13. Written comments to OSHA concerning the Ergonomics Standard, 2000.
12. Written and oral testimony on “Indoor Air Quality and the Sick Building Syndrome” presented to OSHA, January 19, 1995.
11. Written and oral testimony on “Indoor Air Quality and the Sick Building Syndrome” presented to OSHA, December 16, 1994.
10. Written and oral testimony on “Indoor Air Quality and the Sick Building Syndrome” presented to OSHA, October 13, 1994.
9. Written and oral testimony on “Sick Building Syndrome” submitted at the request of the Environmental Health Committee, New York City Council, June 2, 1994.

8. Written and oral testimony on “Indoor Air Quality and Carpet” submitted at the request of the House of Representatives Committee on Government Affairs. September 30, 1992.
7. Presentation on Indoor air quality issues to Attorneys General, Texas June 29, 1992.
6. Presentation on Indoor air quality issues to Attorneys General, Vermont, June 17, 1992.
5. Presentation on Indoor air quality issues to Attorneys General, Tennessee, May 10, 1992.
4. Written and oral testimony on “Indoor Air Quality” submitted at the request of the House of Representatives Committee on Education and Labor, Sub-Committee on Health and Safety, Washington, D.C., for H.R. 1066 “Indoor Air Quality Act of 1991”. July 10, 1991.
3. Written and oral testimony on “Indoor Air Quality” submitted at the request of the House of Representatives Committee on Science, Space and Technology, Subcommittee on Environment, Washington, D.C., in connection with H.R. 1066 “Indoor Air Quality Act of 1991”. May 9, 1991.
2. Written and oral testimony on “Indoor Air Quality” submitted to the New York State Assembly Standing Committee on Health, Labor and Environmental Conservation, Albany, in connection with Indoor Air Quality legislation. January 15, 1991.
1. Written testimony (2 reports) on “Indoor Air Quality” submitted at the request of the House of Commons Environment Committee, London, U.K. in connection with the “Indoor Environment Bill”. November, 1990. Published in Indoor Pollution, vol II, Minutes of Evidence and Appendices, House of Commons, Environment Committee, pp. 355-359 and 416-425, HMSO, 1991.

Published Reports

15. Hedge, A., Kenney, T. and Davis, P. (2007) Review of Fall Safety of Children between the Ages of 18 months and 4 years in Relation to Guards and Climbing in the Built Environment, National Association of Homebuilders Research Center, Upper Marlboro, MD 20774. 118 pages.
14. Hedge, A. and Evans, S. (2001) Ergonomic Management Software and Work Performance: An Evaluative Study. February, 19 pages.
13. Hedge, A. (1999) Effects of Ergonomic Management Software on Employee Performance, September, 24 pages.
12. Hedge, A., Muss, T. and Barrero, M. (1999) Comparative Study of Two Computer Mouse Designs, July, 20 pages.
11. Hedge, A. And Erickson, W.A. (1998) Sick building syndrome and office ergonomics: a targeted work environment analysis. Cornell Human Factors Laboratory Technical Report/ RP198, January, 54 pages.
10. Hedge, A. and Shaw, G. (1996) Effects of the ‘Floating Arms’ keyboard on performance, posture and comfort compared with a conventional keyboard mounted on an articulated tray. Cornell Human Factors Laboratory Technical Report/ RP296, June, 43 pages.
9. Hedge, A., McCrobie, D. and Corbett, S. (1996) Effects of using an optical glass glare filter on computer worker’s visual health and performance: results of an ergonomic field study. Cornell Human Factors Laboratory Technical Report/ RP196, April, 19 pages.
8. Hedge, A., McCrobie, D. and Morimoto, S. (1995) Beneficial effects of a preset tiltdown keyboard system on posture and comfort in offices. Dept. Design and

- Environmental Analysis, Cornell University, January, 47 pages.
7. Hedge, A. and Dietert, R.D. (1994) Effects of new carpet emissions on indoor air quality and human health. Dept. Design and Environmental Analysis, Cornell University, November, 156 pages.
 6. Hedge, A. (1989) New Standard Practice for Surveying Office Occupants for Indoor Environment Effects on Health and Satisfaction. ASTM Draft Standard. November, 1989 (under revision following preliminary ASTM ballot)
 5. Hedge, A. (1989) Lighting the computerized office: A comparative field study of a lensed-indirect uplighting system and a parabolic downlighting system. Dept. Design and Environmental Analysis, Cornell University.
 4. Wilson, S., O'Sullivan, P., Jones, P., and Hedge, A. (1987) Sick Building Syndrome and Environmental Conditions: Case studies of nine buildings. Building Use Studies Ltd., London, U.K.
 3. Wilson, S. and A. Hedge. (1987) The Office Environment Survey: A study of building sickness. Building Use Studies Ltd., London, U.K.
 2. Hedge, A. (1987) Comments on the Health Problems and Hygiene Investigations at the 3301 Eagle Street Building, Anchorage, Alaska. TDS Ltd., Vancouver, Canada.
 1. Sterling, T. D., Hedge, A. and E. M. Sterling. (1985) A Review of the investigations of Employee Health Complaints at Les Terrasses de la Chaudiere. TDS Ltd., Vancouver, Canada.

Conference Presentations (Non-refereed or Unpublished)

143. Hedge, A. (2015) Integrating mobile technologies into healthcare – the role of ergonomic design, Building Healthcare Middle East, June 8-10, Dubai.
142. Hedge, A. (2015) Ergonomics design of healthcare technologies and applications, Building Healthcare Middle East, June 8-10, Dubai.
141. Yoon, S., Hedge, A., Danko, S. Hua, Y. (2015) Forecasting performance of collaborative workplaces: A case study to explore a social sensing technology, EDRA 46, Los Angeles, CA.
140. Invited Keynote Speaker at CISEO 2014, Lima, Peru, November 26, 2014.
139. Hedge, A. (2015) Boosting patient care through caregiver comfort, Building Healthcare Middle East, June 2-4, Dubai.
138. Invited Keynote speaker at the International Forum of Sensory and Neuro Marketing, Sangmyung University, Emotion Engineering Graduate School, Seoul, S. Korea, October 31, 2013.
137. Presentation at Hongik University, International Design School for Advanced Studies, Seoul, S. Korea, October 30, 2013.
136. Presentation at Yonsei University, HCI group, Seoul, S. Korea, October 29, 2013.
135. Invited Keynote speaker at the Australian Physiotherapy Annual Conference & Exhibition, Melbourne, Australia, October 17, 2013
134. Hedge, A. (2012) Ergonomics and Information Technology in Healthcare Settings, National Ergonomics Conference & Exposition, Las Vegas, NC, Dec. 5-7.
133. Hedge, A. (2012) Effects of 4 GUI Dashboards on Energy Use with a Personalized Environmental Control System (PECS), Syracuse Center Of Excellence 12th Annual Symposium on Environmental & Energy Systems, OnCenter, Syracuse, NY, October 11.
132. Wang, J., Hedge, A., Koszalka, T.A., Ishikawa, A., Kato, S., Zhang, J. (2012) Effects

- of Ventilation on Perceived Indoor Environmental Quality and Human Performance, Syracuse Center Of Excellence 12th Annual Symposium on Environmental & Energy Systems, OnCenter, Syracuse, NY, October 11.
131. Hedge, A. (2012) Ergonomics: Supporting the Human Face of Generative Space, Health Facilities Symposium & Expo, Navy Pier, Chicago IL, October 3.
 130. Hedge, A. (2012) Green Ergonomics: The Human Element in LEED Buildings, Neoconnect 2012, Hilton Bayfront, San Diego, CA, October, 2.
 129. Hedge, A. (2012) Office Ergonomics Issues with changing Technologies. The 15th Conference & Exhibition On Occupational Safety And Health (COSH), Sunway Pyramid Convention Centre, Selangor, Malaysia, 2nd – 4th September 2012 (invited speaker).
 128. Hedge, A. (2012) Ergonomics and Healthcare Technology, American Society of Healthcare Engineering PDC Summit, International Summit & Exhibition on Health Facility Planning, Design and Construction, March 4-7, Phoenix, AZ. (Featured Speaker)
 127. Hedge, A. (2011) Office Ergonomics, National Ergonomics Conference & Exposition, Las Vegas, NC, Nov 29-Dec. 2.
 126. Hedge, A. (2011) Green Ergonomics Update, National Ergonomics Conference & Exposition, Las Vegas, NC, Nov 29-Dec. 2.
 125. Hedge, A. (2011) Indoor air quality and productivity, International Conference for Enhanced Building Operations, Oct. 18-20, New York, NY.
 124. Hedge, A. (2011) Facilities Issues and Healthcare IT Ergonomics, Healthcare Facilities Symposium & Expo, September 20-22, Navy Pier – Chicago.
 123. Hedge, A. (2011) Creating a resilient workplace, 2011 Healthways Well-being Summit, Dallas, TX, April 26-28.
 122. Hedge, A. (2010) Ergonomics and Healthcare IT, National Ergonomics Conference & Exposition, Las Vegas, NC, Dec. 1-3.
 121. Hedge, A. (2010) Green ergonomics: Advocating for the Human Element in Buildings, National Ergonomics Conference & Exposition, Las Vegas, NC, Dec. 1-3.
 120. Hedge, A. (2010) The Future of Ergonomics in the USA, Italian Ergonomics Society Annual Conference, Rome, 10/27-29/10.
 119. Hedge, A. (2010) Healthcare and Information Technology, Ergonomic Round Table of Sacramento, Sacramento, CA, October 12.
 118. Hedge, A. (2010) Office Ergonomics, US Department of State Speaker Series, Washington D.C., Sept 8th.
 117. Hedge, A. (2010) Green Buildings need Sustainable Ergonomics, NEOCON2010, Chicago, Ill., June 14-16.
 116. Hedge, A. (2010) Office Ergonomics 2010 Workshop, University of Minnesota, Minneapolis, MN, March 1.
 115. Hedge, A. (2010) Healthcare Ergonomics, Northwestern Memorial Hospital, Chicago, Ill., April 28.
 114. Hedge, A. (2010) Healthcare Ergonomics, Rush University Medical Center, Chicago, Ill., April 28.
 113. Hedge, A. (2010) Office Ergonomics 2010 Workshop, University of California Los Angeles, Los Angeles, CA, April 17.
 112. Hedge, A. (2010) What is the State of Ergonomics Today?, Gensler, Santa Monica, CA, April 16.
 111. Hedge, A. (2010) The State of Office Ergonomics, Ergonomics Roundtable,

- Minneapolis, MN, February 28.
110. Hedge, A. (2010) Office Ergonomics: New Ways of Working, SmithGroup Workplace National Practice, Phoenix, AZ, February 11.
 109. Hedge, A. (2009) Ergonomics and Healthcare IT: Boosting patient care through caregiver comfort, National Ergonomics Conference and Exposition, Las Vegas, Nov. 21.
 108. Hedge, A. (2009) Green Ergonomics, National Ergonomics Conference and Exposition, Las Vegas, Nov. 20.
 107. Hedge, A. (2009) Office Ergonomics 2009 Workshop, Pratt, New York, Oct.3.
 106. Hedge, A. (2009) The Future of Ergonomics, State Fund Advanced Ergonomics Seminar, Vacaville, CA, Sept. 23.
 105. Hedge, A. (2009) What makes a device ergonomic?, State Fund Advanced Ergonomics Seminar, Vacaville, CA, Sept. 23.
 104. Hedge, A. (2009) Office Ergonomics 2009 Workshop, Philadelphia University, Philadelphia, March 4.
 103. Hedge, A. (2009) Office Ergonomics 2009 Workshop, Parsons, New York, Jan. 31.
 102. Hedge, A. (2008) An Inconvenient Discipline: the Metamorphosis of Ergonomics, Puget Sound Human Factors and Ergonomics Society 2008 Occupational Ergonomics Symposium & Workshop, Seattle, WA, Sept. 17-18. (Keynote address).
 101. Hedge, A. (2007) Ergonomics and the shape of things to come. National Ergonomics Conference and Exposition, Las Vegas, Nov. 27-30. (State of the Industry Keynote address).
 100. Hedge, A. (2007) Children and computers – past, present and future. New Zealand Ergonomics Society Conference, Waiheke Island resort, Nov. 7-9. (Workshop)
 99. Hedge, A. (2007) Ergotecture – an “inside-out” design process that integrates information from the micro-level of human requirements through to the macro-level of societal responsibility. New Zealand Ergonomics Society Conference, Waiheke Island resort, Nov. 7-9. (Keynote address).
 98. Hedge, A. (2007) Office Ergonomics 2007: Current Trends. IIDEX/Neocon, Sept. 27, Toronto, Canada
 97. Hedge, A. (2007) Recent advances in office ergonomics. American Safety & Health Conference, Sept. 26, Corning, NY.
 96. Hedge, A. (2006) Reading Room Ergonomics. National Ergonomics Conference and Exposition, November 28 – December 1, Las Vegas, NV.
 95. Hedge, A. (2006) Ergonomics: Essential for a Productive Workforce. National Ergonomics Conference and Exposition, November 28 – December 1, Las Vegas, NV.
 94. Hedge, A. (2006) Revisiting Sitting: cultural or other factors. HFES 50th Annual Conference, San Francisco, Oct.16-20.
 93. Hedge, A. (2006) Overview of the USA bed market. Bedding Research Symposium, Melbourne, Oct. 16. (Keynote address).
 92. Hedge, A. (2006) Impact of Ergonomics on Digital Healthcare Information and Management Systems (DIHMS), PACS 2006: Digital Healthcare Information and Management Systems (DHIMS), San Antonio, March 14-17.
 91. Hedge, A. (2006) Ergonomic considerations for the Sedentary Digital Radiologist, PACS 2006: Digital Healthcare Information and Management Systems (DHIMS), San Antonio, March 14-17.
 90. Hedge, A. (2006) Emerging Issues in IAQ, Air Conditioning Contractors of America's (ACCA-NCC) Conference & Indoor Air Expo., March 28-30, San Jose, Ca.

89. Hedge, A. (2005) Work and Workstation Design and Obesity Risks. Ecology of Obesity, June 6-7, Cornell University, Ithaca, NY.
88. Hedge, A. (2005) Best Practices for Site-Wide Hospital Ergonomics, National Ergonomics Conference and Exposition, November 30 – December 3, Las Vegas, NV.
87. Hedge, A. (2005) A Guide to Ergonomic Solutions, National Ergonomics Conference and Exposition, November 30 – December 3, Las Vegas, NV.
86. Hedge, A. (2005) Ergonomic Considerations in the Digital Healthcare Environment, PACS 2005: The Expanding Integrated Digital Healthcare Enterprise, March 9-12.
85. Hedge, A. (2005) Ventilating Healthy Homes: Emerging Issues in Residential IAQ, ComfortTech 2005, 9/16/05.
84. Hedge, A. (2004) Linking environmental conditions to productivity, Eastern Ergonomics Conference and Exposition, June 21-23, , New York, NY.
83. Hedge, A. (2004) Economic Ergonomics: cost-effective proven office interventions, Canadian Facility Management & Design Expo and Conference, Canadian Facilities Management Association/Association of Canadian Ergonomists, April 6, Toronto (Keynote address).
82. Hedge, A. (2003) The Impact of Ergonomics Regulations: A Global Perspective, National Ergonomics Conference and Exposition, Las Vegas, December 9-11.
81. Hedge, A. (2003) “Economics of Ergonomics”, International Interior Design Association Convention, Louisville, KY, November 62, 2003. Invited Keynote address.
80. Golkowski, C. & Hedge, A. (2003) “Nonthermal plasma – an exciting new air filtration technology”, Environmental Systems Symposium at Syracuse, Syracuse University, October 27.
79. Hedge, A. (2003) Office Ergonomics, California Association of Rehabilitation and Reemployment Professionals 21st Annual conference, San Diego, 9/19-21/03.
78. Hedge, A. (2003) Redefining the Work Sphere, Inter. Int. Design Assoc, San Francisco, 5/13/03.
77. Hedge, A. (2003) Effective Office Ergonomics 2003, Inter. Int. Design Assoc, Grand Rapids, 4/21/03.
76. Hedge, A. (2003) Creating a safe work environment – 5th Annual Statewide and Training Resources Exposition, Worcester, MA, 4/9/03.
75. Hedge, A. (2003) Ergonomics: Past, Present and Future, Eastern Ergonomics Conference, National Ergonomics Conference and Exposition, New York, July 9-11. (Keynote address)
74. Hedge, A. (2003) Understanding Ergonomics – National Correctional Industries Conference & Exposition 2003, Denver, 3/23/03.
73. Hedge, A. (2002) “Effective Ergonomics”, National Ergonomics Conference and Exposition, Las Vegas, December 9-12. Keynote address.
72. Hedge, A. (2002) “Office Ergonomics 2002”, International Facilities Management Association Mid-Western Chapter, Chicago, November 20, 2002. Invited presentation.
71. Hedge, A. (2002) “IAQ, Floor coverings and the elderly” American Association of Homes and Services for the Aging 2002 Annual Meeting & Exposition, Baltimore, MD, October 28-31, 2002.
70. Hedge, A. (2002) “School Floor Coverings and IAQ Effects on students well-being and learning”, Association of School Business Officials International, 2002 Annual Conference, Phoenix, AZ, October 25-27, 2002.
69. Hedge, A. (2002) BOMA Study on Tenant Workplace Satisfaction and Retention, Interface Flooring Systems and Buildings Magazine, New York, October 15. Invited

Panelist.

68. Hedge, A. (2002) "School Floor Coverings: Effects on students well-being and learning", Florida Educational Facilities Planners' Association, Inc. Annual Conference, Orlando, FL, July 8-11.
67. Hedge, A. (2002) "IAQ, Health and Productivity", Second Annual UTRC IEQ Workshop, Safe Buildings, Connecticut, June 6-7, 2002
66. Hedge, A. (2002) School Floor Coverings: Effects on Students Well-being and Learning, Florida Educational Facilities Planners annual conference, July, 9.
65. Hedge, A. (2001) "Indoor environmental quality and productivity", 1st Environmental Systems Symposium at Syracuse, Syracuse University, October 29, 2001.
64. Hedge, A. (2000) Ergonomic necessities of the workplace. Canadian Facility Management and Design Expo and Conference, Toronto, Ontario, Canada, April 13.
63. Hedge, A. (2000) Hotel ergonomics. Hotel Ezra 75th Annual Conference, Cornell University, Ithaca, NY, April 8.
62. Hedge, A. (2000) Workplace ergonomics and musculoskeletal disorders. Institute of Occupational Medicine, Curitiba, Brazil, March 20.
61. Hedge, A. (1999) Using computers to gather and provide ergonomic intelligence, The National Ergonomics Conference and Exposition, Anaheim, 7-9 December.
60. Hedge, A. (1999) Ergonomics and children: How to prevent injury in the classroom, The National Ergonomics Conference and Exposition, Anaheim, 7-9 December.
59. Hedge, A. (1998) Evaluating the benefits of two-component lighting methods for corporate offices - a case study, Design.y.c., New York, 29 October.
58. Hedge, A. (1998) Alternative officing: the human factors perspective, alt.office conference, San Jose, CA, August 13.
57. Hedge, A. (1998) Health and safety in the office, Liberty Mutual Symposium, Buenos Aires, Argentina, August 11-12.
56. Hedge, A. (1998) Improving productivity through computer ergonomics, The Institute of Directors, Pall Mall, London, July 16.
55. Hedge, A. (1998) Voodoo Ergonomics - Gizmos that don't work!, 1998 Newspaper Association of America Newspaper Operations Superconference, January 11-16, Miami Beach, Florida.
54. Hedge, A. (1995) What is ahead for carpet? Carpet and Rug Institute annual conference, November 11 - 14, Amelia Island, Florida.
53. Hedge, A. (1995) Environmental comfort, Edificio Inteligente '95, July 17-18 Sao Paulo, Brazil.
52. Hedge, A. (1995) Future developments in air conditioning and illumination: Intelligent workspaces for intelligent workers, Edificio Inteligente '95, July 17-18 ,Sao Paulo, Brazil.
51. Hedge, A. (1995) A holistic approach to indoor air quality issues, Florida School Plant Management Association, May 31, St. Petersburg, FL.
50. Hedge, A. (1995) Effects of Carpet on Indoor Air Quality and Health, New England Environmental Expo., May 9-11, Boston.
49. Hedge, A. (1995) Sick building syndrome and legislative initiatives in the USA, First Latin American Conference on Indoor Air Pollution, May 5, Santiago, Chile.
48. Hedge, A. (1994) Sick Building Syndrome: Psychological factors, American Industrial Hygiene Society Annual Conference, May 22, Anaheim, CA.
47. Hedge, A. (1994) Psychological Aspects of Sick Building Syndrome The Fibers Society, May 15, Annapolis, MD.

46. Hedge, A. (1994) Carpet and Indoor Air Quality - User Issues, CRI Annual Technical Conference, May 4, Dalton, Georgia.
45. Hedge, A. (1994) Risk factors for repetitive motion disorders, Ergonomics Conference, April 26-28, Atlanta, Georgia.
44. Hedge, A. (1994) Sick building syndrome: is it caused by poor indoor air quality? Indoor Air Pollution, 7th National Conference, Univ. Tulsa, March 14-16.
43. Hedge, A. (1993) Effects of restrictive smoking policies on indoor air quality and sick building: a study of 27 air-conditioned offices. The National Environmental Tobacco Smoke Conference, December 16-17, Washington, DC.
42. Hedge, A. and Mitchell, G.E. (1993) Beneficial effects of furniture-integrated breathing-zone filtration on indoor air quality, and worker comfort, health and productivity, 86th Annual Convention and The Office Building Show, BOMA International, Baltimore, June 27-30.
41. Hedge, A. (1993) Psychosocial factors and indoor air quality, Indoor Environment '93, Baltimore, April 21-23.
40. Hedge, A. (1992) Indoor air quality and carpet: information for interior designers. Designer Saturday, Oct. 16, IDCNY, New York.
39. Hedge, A. (1992) Environmental Illness, The Carpet and Rug Institute Annual Technical Conference, Oct. 1 - 3, San Destin, FL.
38. Hedge, A. (1992) Workstation environment factors, International Society for Facilities Executives Annual Conference, Sept. 30 - Oct. 2, Cambridge, MA.
37. Hedge, A. (1992) Planning for the New "Global Work Force". Paper presented at the Forum on Business and Technology Conference, "New Cost-Effective Plans and Strategies", 8-9 April, Austin, TX.
36. Hedge, A. (1992) Stress and VDT work. Presentation. Bellcore VDT Safety Seminar IV, Atlanta, Georgia, February 7th, 1992.
35. Hedge, A. (1992) Alternative Input Devices. Panel presentation. Bellcore VDT Safety Seminar IV, Atlanta, Georgia, February 6th, 1992.
34. Hedge, A. (1992) IAQ and ventilation. AT&T Work Center Planning Semi-Annual Conference and Training Session, Pleasanton, CA, January 28th, 1992.
33. Hedge, A. (1992) IAQ and Sick Building Syndrome. AT&T Work Center Planning Semi-Annual Conference and Training Session, Pleasanton, CA, January 28th, 1992.
32. Hedge, A. (1991) Clearing the air. IDCNY panel presentation, 17 October.
31. Hedge, A. (1991) What really causes sick building syndrome? IFMA/BOMA Connecticut chapters, 17 October.
30. Hedge, A. (1991) Sick building syndrome: Causes and cures. IFMA Pennsylvania chapter, 17 September.
29. Hedge, A. (1991) Sick building syndrome: facts and fallacies. Carpet and Rug Institute Conference, Hilton Head, S. Carolina, 12-13 September.
28. Hedge, A. (1991) The holistic model of internal environment. Asia-Pacific Public Works Congress and Trade Show, Brisbane, Australia, 1-5 September, 1991.
27. Hedge, A. (1991) Health studies of buildings in the U.S.A. including the effects of different smoking policies on indoor air quality and sick building syndrome in air conditioned offices. Asia-Pacific Public Works Congress and Trade Show, Brisbane, Australia, 1-5 September, 1991.
26. Hedge, A. (1991) The stress model - the psychology of the organization and its relationship to health. Asia-Pacific Public Works Congress and Trade Show, Brisbane, Australia, 1-5 September, 1991.

25. Hedge, A. (1991) Breathing zone filtration. Asia-Pacific Public Works Congress and Trade Show, Brisbane, Australia, 1-5 September, 1991.
24. Hedge, A. (1991) Effects on occupants of underfloor ventilation system. Asia-Pacific Public Works Congress and Trade Show, Brisbane, Australia, 1-5 September, 1991.
23. Hedge, A. (1991) Challenges to the future of lighting design in the office environment. Asia-Pacific Public Works Congress and Trade Show, Brisbane, Australia, 1-5 September, 1991.
22. Hedge, A. (1991) What really causes bad IAQ. National Air Duct Cleaners Association, Region 7 Seminar, Albany, NY, 23-25 August.
21. Hedge, A., Erickson, W., and Rubin, G. (1991) Smoking policy, indoor air quality and sick building syndrome in offices, British Occupational Hygiene Society Conference, Nottingham, U.K., 9-12 April.
20. Hedge, A., Erickson, W., and Rubin, G. (1990) The roles of job stress and job satisfaction in the etiology of the sick building syndrome in offices. Proceedings of the APA/NIOSH conference "Work and well-being: an agenda for the 90s", 15-17 November, Washington, D.C.
19. Wilkes, A. and Hedge, A. (1990) Diagnosing the sick building syndrome: computer-aided facilities diagnostics. Building Pathology '90, U.K.
18. Hedge, A. (1990) "Sick buildings, healthy buildings: Environmental Psychology and Workplace Design". Keynote address presented at 98th Annual Convention of the American Psychological Association at Boston, August 10-14, 1990.
17. Davis, G., Gray, J., Hedge, A. and Szigetti, F. (1990) Who evaluates for whom, and why? Proceedings of the Environmental Design Evaluation Conference, Paris, June 30 - July 2.
16. Hedge, A. (1990) Indoor air quality and the sick building syndrome, Presentation to the Interdepartmental National Accommodation Panel (INAP), Public Works Canada, 16 January.
15. Hedge, A. (1989) Behavioural aspects of unhealthy buildings. Building for Health and Well-being, European Concern Centre in Europe Seminar, 4 December, Guilford, U.K.
14. Hedge, A., (1989) Computer-Aided Facilities Diagnostics. Presentation at the 33rd Annual Meeting of the Human Factors Society, Santa Monica: Human Factors Society.
13. Hedge, A. (1989) Worldwide innovations in workplace design. FM'89: Preparing for the Global Decade, M.I.T. Cambridge, Ma.
12. Hedge, A. (1989) The workplace: worldwide innovations. IFEX'89, International Design Center, New York.
11. Hedge, A. (1989) The sick building syndrome and cardiovascular disease. Proceedings of the Conference on Work Environments and Cardiovascular Disease, N.H.L.B.I., Univ. California Irvine, 2-5th April.
10. Hedge, A. (1989) Sick building syndrome: the problem worldwide. Proceedings of Conference on Healthy Buildings by Design, 10th April, Royal Society of Medicine, London, U.K.
9. Hedge, A. (1989) Environmental engineering: encouraging signs for the future. Proceedings of Conference on Healthy Buildings by Design, 10th April, Royal Society of Medicine, London, U.K.
8. Hedge, A. (1989) "Intelligent" ventilation systems. International Seminar on Intelligent Buildings, 7th April, Royal Institute of British Architects, London, U.K.
7. Hedge, A. (1988) Commentary and Analysis of the relevance of the NMB Bank Building for U.S. Projects. Presented at The New NMB Bank Building, Amsterdam.

- Design Briefing, Boston, MA., October, 5.
6. Hedge, A. (1986) Impact of new technology on office worker's health: Implications for office design. Paper presented at 21st Congress of the International Association of Applied Psychology, 13-18 July, Jerusalem, Israel.
 5. Hedge, A. (1985) Psychological issues in office. Invited paper presented at the Golden Jubilee Conference of the Society of Occupational Medicine (Yorkshire Group), Rotherham General Hospital, Rotherham, 23 May 1985.
 4. Donald, I. and A. Hedge. (1984) Office evaluation: Sterile research on a fertile topic? Paper presented at IAPS 8, West Berlin, August.
 3. Hedge, A. (1984) Environmental psychology in the United Kingdom: A paedomorphic enterprise? Invited paper presented at the American Psychological Association Annual Conference, Toronto, Canada.
 2. Hedge, A. (1983) Office design and office workers' health. Invited paper presented at The Design of Work Environments: Implications for Productivity and Health, 3rd Annual Irvine Symposium on Environmental Psychology, 28-29 April, University of California, Irvine.
 1. Hedge, A. and N. Travis. (1979) User evaluation of Open-Plan Offices. Paper presented at an International Conference on Environmental Psychology, July, University of Surrey, Guildford.

Conferences

5. Program Chair, the National Ergonomics Conference and Exposition, Las Vegas, December, 2013, 2014 and 2015.
4. Organizing panel (invited), National Indoor Air Quality, 1997 conference.
3. Co-organizer of 2.5 day conference on "Indoor Air Quality, Immunity and Health: Recent Advances in Environmental Toxicology and Psychoneuroimmunology", NC State Univ., Raleigh, NC. 1995.
2. Organizer a 2 day conference titled Addressing the Employee Health Crisis in Today's Computerized Office, Cornell University, Ithaca, June 24-25.
1. Member of the Planning Committee, "Workshop on Occupational Stress and cardiovascular disease", National Heart, Lung, and Blood Institute, 1988-1989

Symposia and Panels

17. Hedge, A. (2005) Practical Solutions in Office Ergonomic: From the frugal to the flamboyant. National Ergonomics Conference and Exposition, November 29 – December 3, Las Vegas, NV. Session Chair and Organizer.
16. Hedge, A. (2005) Best practices for site –wide hospital ergonomics. National Ergonomics Conference and Exposition, November 29 – December 3, Las Vegas, NV. Session Chair and Organizer.
15. Hedge, A. (2005) Indoor Air Quality and Productivity Advisory Panel, US EPA, 10/25-26/05, Panel Chair and Organizer.
14. Hedge, A. (2004) "Future office trends: Ergonomic challenges and opportunities", National Ergonomics Conference and Exposition, Las Vegas, November 29-December 3, 2004.
13. Hedge, A. (2004) Session chair: Habitation Measurement, Habitation 04, Orlando, Florida, January 4-7.
12. Hedge, A. (2003) "The Impact of Ergonomics Regulations: A Global Perspective",

- National Ergonomics Conference and Exposition, Las Vegas, December 9-11, 2003. Session Chair and Organizer.
11. Hedge, A. (2003) "Dynamic sitting", Human Factors and Ergonomics Society 47th Annual Conference, Denver, October 13-17, 2003. Session Chair and Organizer.
 10. Hedge, A. (2002) "Overcoming Challenges to Large-Scale Office Ergonomics Initiatives", ", National Ergonomics Conference and Exposition, Las Vegas, December 9-12, 2002. Session Chair and Organizer.
 9. Hedge, A. (2002) "Choosing an Ergonomics Keyboard", National Ergonomics Conference and Exposition, Las Vegas, December 9-12, 2002. Session Chair and Organizer.
 8. Hedge, A. (2001) "Promises and Pitfalls of Ergonomic Tools and Technologies", ", National Ergonomics Conference and Exposition, Las Vegas, December 8-11, 2001. Session Chair and Organizer.
 7. Hedge, A. (1994) Organizing a session on "Work Environment 2000: Ecological Ergonomics and Workplace Design for the 21st Century".
 6. Hedge, A. (1993) Panel Chair for "The Big Picture in Office Design",
 5. Hedge, A. (1992) Conference organizer and chair for Addressing the Employee Health Crisis in Today's Computerized Office, Cornell University, Ithaca, June 24-25.
 4. Hedge, A. (1989) Invited member of the panel on 'Impacts on the individual: ergonomics, comfort, health, and safety. Tomorrow's Workplaces: facilities design and management and the new communications technologies. Univ. Montréal, 1-3 June.
 3. Hedge, A. (1986) Office Design and New Technology. Symposium organized for 21st Congress of the International Association of Applied Psychology, 13-18 July, Jerusalem, Israel.
 2. Hedge, A. (1982) Future developments in office environments. Symposium organized for 20th Congress of the International Association of Applied Psychology, 25-31 July, Edinburgh, Scotland.
 1. Hedge, A. (1982) Issues of housing research. Symposium organized for 20th Congress of the International Association of Applied Psychology, 25-31 July, Edinburgh, Scotland.

Examples of Research Talks, Seminars or Workshops (selection)

42. Half-day Workshop on the Economics of Ergonomics for the Australian Human Factors and Ergonomics Society, Adelaide and Sydney, Australia, June, 2014
41. Invited pre-conference half-day Workshop at the Australian Physiotherapy Conference Exhibition, Melbourne, Australia, October 16, 2013
40. Hedge, A. (2012) Green Ergonomics: The Human Element in LEED Buildings, Neoconnect 2012, Hilton Bayfront, San Diego, CA, October, 2.
39. Hedge, A. (2012) online educational webinar about Pilot Credit 44: EQ - Ergonomics Strategy, USGBC, March 15.
38. Hedge, A. (2012) Ergonomics and Healthcare Technology, American Society of Healthcare Engineering PDC Summit, International Summit & Exhibition on Health Facility Planning, Design and Construction, March 4-7, Phoenix, AZ. (Featured Speaker)
37. Hedge, A. (2011) Green Ergonomics: The Future of Green Buildings and Ecodesign, Schiavello, Mar 23, Melbourne, Australia
36. Hedge, A. (2011) Ergonomic Design of Computer Workspaces, Human Factors and

- Ergonomics Society of Australia, Sydney, Australia. ½ day workshop.
35. Hedge, A. (2009) The future of ergonomics. Advanced Ergonomics Course, State Fund (California) September 23, Vacaville, Ca.
 34. Hedge, A. (2009) What makes a device ergonomic? Advanced Ergonomics Course, State Fund (California) September 23, Vacaville, Ca.
 33. Hedge, A. (2009) Ergotecture, Faculty of Occupational Safety and health, University of Nis, Nis, Serbia. June 25.
 32. Hedge, A. (2009) The need for computer ergonomics in healthcare IT, Evidence Based Hospital Design Forum, Georgetown University, January 29.
 31. Hedge, A. (2008) Need a lift: Industrial Ergonomics and Material Handling, State Fund (California) October 22, Montebello, Ca.
 30. Hedge, A. (2007) Office Ergonomics Workshop, State Fund (California), Oct. 17, San Diego, Ca.
 29. Hedge, A. (2006) Research of the Human factors and Ergonomics Laboratory, 7th Annual Presidential Event, Cornell Silicon Valley, March 28, Mountainview, Ca.
 28. Hedge, A. It's and ergonomic world or is it? Ergonomics, Human Factors and Ergonomics Society Western NY Chapter, Rochester Institute of Technology 11/17/05
 27. Hedge, A. Ergonomics for Everyone, Ergonomics Symposium, Cornell Campus Club, 10/20/05
 26. Hedge, A. The science of Ergonomics, Colgate-Palmolive, 10/14/05
 25. Hedge, A. The School Environment: Effects on Student Well-being and Learning, Connecticut School Buildings and Grounds Association, 12/15/04
 24. Hedge, A. (2004) Advanced workstation designs, National Ergonomics Conference and Exposition, Las Vegas, November 29-December 3, 2004.
 23. Hedge, A. (2004) Ergonomics benefits everyone! Invited Opening Keynote address, 40th Conference of the Human Factors and Ergonomics Society of Australia (HFESA) and the 7th conference of the Pan Pacific Council on Occupational Ergonomics (PPCOE), August 23, Cairns, Australia, 2004.
 22. Hedge, A. (2004) The Modern Office, half-day workshop at the 40th Conference of the Human Factors and Ergonomics Society of Australia (HFESA) and the 7th conference of the Pan Pacific Council on Occupational Ergonomics (PPCOE) August 22, Cairns, Australia, 2004.
 21. Hedge, A. (2004) Economics of ergonomics, Invited Keynote address, Canadian Facilities Management Conference, Toronto, 4/6/04
 20. Hedge, A. Tomorrow's Workstations: Office ergonomics and the future, IIDA SF chapter, 6, 2003.
 19. Hedge, A. Computer Ergonomics Bergen County Technical School, NJ , 5/2002
 18. Hedge, A. Office ergonomics. NASA, Kennedy Space Center, Florida, 10/14/99.
 17. Hedge, A. Factors predicting the sick building syndrome at the Individual and Aggregate Levels, Lawrence Berkeley National Laboratory, Environmental Energy Technologies Division, Berkeley, CA. 10/3/97.
 16. Hedge, A. (1997) Future directions in office lighting, Toyota Motor Company, Torrance, CA, 9/20/97.
 15. Shaw, G. and Hedge, A. (1997) Office Ergonomics. Presentation at the OSHA Regional Conference on Ergonomics, 9/15/97
 14. Sick buildings: a problem for engineers or psychologists? Cornell Univ., Dept. Psychology, 12/6/96.
 13. Musculoskeletal injuries associated with computer use. Central NY OSHA, Amer.

- Indust. Hyg. Assoc., and Amer. Assoc Safety Eng., Cortland, 11/21/96.
12. Do we really need a new ventilation standard? Central NY ASHRAE, Ithaca, 10/15/96.
 11. Ventilation, air quality and sources of contamination, Southern Tier Builders Association, Ithaca, 9/7/95.
 10. Indoor Air Quality and the sick building syndrome, Southern Tier Builders Association, Marathon, 3/8/95.
 9. IAQ and Sick Building Syndrome Issues in Schools, Ithaca BOCES, 4/5/95
 8. Sick Building Syndrome: a problem for Epidemiological statistics?, Seminars in Environmental Statistics, Cornell Theory Center, 3/10/95.
 7. Issues in Indoor air quality and psychoneuroimmunology, Institute for Comparative Environmental Toxicology seminar, 3/10/95.
 6. Biomechanics of computer use. Mechanical Engineering Biomechanics Seminar, Cornell University, 4/3/95
 5. Hedge, A. (1993) Sick building syndrome, indoor air quality, and ETS? American Industrial Hygiene Association Syracuse Chapter, Syracuse, NY, October 19.
 4. Hedge, A. (1993) What causes the Sick Building Syndrome? University of Birmingham, Institute of Occupational Health, Birmingham, U.K. March 23, 1993.
 3. Principles of Lighting Design, University of Birmingham, Institute of Occupational Health, Fellowship in Occupational Medicine course. March 23, 1993.
 2. Hedge, A. (1992) Sick Building Syndrome: are psychological factors important? University of Leeds, Dept. of Psychology, Leeds, U.K. December 1, 1992.
 1. Hedge, A. (1992) Creating the 'highly pleasant environment': Ecological ergonomics investigates the sick building syndrome. Aston University, Organization Studies and Applied Psychology Division, Birmingham, U.K. December 3, 1992.

Media Coverage in 2014

JAN

http://www.washingtonpost.com/national/health-science/how-bad-for-your-eyes-are-computer-screens/2014/01/17/985b90cc-7c98-11e3-93c1-0e888170b723_story.html

FEB

<http://www.hvpress.net/news/123/ARTICLE/13397/2014-02-19.html>

<http://www.marthastewart.com/1051624/de-stress-your-desk-office-organizing-tips/@center/277000/homekeeping-solutions#1046972>

MARCH

http://www.thefifthstate.com.au/tfe_ebooks/the-happiness-guide-chapter-6-design-and-fitout

<http://www.nytimes.com/2014/03/23/magazine/who-made-that-standing-desk.html>

http://www.wsj.com/news/article_email/SB10001424052702304679404579459712875182986-1MyQjAxMTA0MDIwODEyNDgyWj

<http://www.modernghana.com/lifestyle/5708/16/tone-down-that-air-conditioner.html>

APR

<http://www.bbc.com/news/magazine-26937454>

<http://www.businessinsider.com/tricks-to-defeat-eye-strain-at-work-2014-4>

<http://www.cos-mag.com/ergonomics/ergonomics-columns/3887-the-perils-of-sitting-too-long.html>

<http://boston.cbslocal.com/2014/04/11/boston-marathon-training-expert-advice-for-1-week-out/>

<http://www.menshealth.com/health/5-brain-tricks-will-make-you-more-successful>

MAY

<https://danielbortzdotcom.files.wordpress.com/2014/05/pcr-may.pdf>

<http://exercise.lovetoknow.com/exercise-equipment-clothing/can-using-stand-up-desk-help-your-health>

<http://www.tested.com/tech/accessories/461302-most-comfortable-ergonomic-keyboard-today/>

JUNE

http://www.huffingtonpost.com/liz-wilkes/happiness-tips_b_5476104.html?utm_hp_ref=tw

<http://www.fastcompany.com/3031918/work-smart/using-your-5-senses-to-jump-start-the-creative-process>

<http://www.creators.com/lifestyle/features/humor/work-daze/cold-comfort.html>

JULY

<http://gizmodo.com/good-news-sitting-wont-kill-you-after-all-1608885900>

<http://www.bdlive.co.za/life/gadgets/2014/07/16/action-taken-on-the-weather-at-last>

<http://www.independent.ie/life/health-wellbeing/mental-health/worklife-balance-between-a-clock-and-a-hard-pace-30402402.html>

AUG

<http://www.fastcodesign.com/3033605/why-your-office-is-freezing-in-the-summer?partner=rss>

<http://www.fastcompany.com/3034435/coffee-week/coffee-alternatives-that-are-better-for-productivity>

<http://www.medicinenet.com/script/main/art.asp?articlekey=56815>
<http://www.propertyoz.com.au/sa/Article/NewsDetail.aspx?id=9871&p=16>

SEPT

<http://www.theatlantic.com/business/archive/2014/09/science-tells-you-how-many-minutes-should-you-take-a-break-for-work-17/380369/>

<http://www.fastcompany.com/3035367/work-smart/a-users-guide-to-standing-while-you-work>

<http://www.chicagotribune.com/bluesky/hub/chi-buffer-healthiest-way-to-work-standing-vs-sitting-bsi-hub-story.html#page=1>

<http://www.buildings.com/article-details/articleid/17965/title/ergonomic-offices-lead-to-happier-occupants.aspx>

OCT

http://www.nytimes.com/aponline/2014/10/08/technology/ap-us-tec-digital-life-review-smart-desk.html?src=busln&_r=0

NOV

<http://www.bostonglobe.com/lifestyle/health-wellness/2014/11/03/yes-sitting-work-bad-but-standing-actually-better/7cee6fb0B7QjgAH3FIOrK/story.html>

<http://www.foxnews.com/health/2014/11/07/how-people-are-using-standing-desks-all-wrong/>

<http://www.post-gazette.com/business/career-workplace/2014/11/16/Workzone-Do-sad-desks-lead-to-sad-employees/stories/201411160006>

<http://freshome.com/2014/11/03/how-workspace-design-affects-workflow/>

<http://www.webmd.com/pain-management/news/20141124/text-neck?page=2>

DEC

<http://www.detroitnews.com/story/business/2014/12/08/sad-desks-lead-sad-employees/20084401/>

<http://www.kqed.org/a/forum/R201412021000>