

Attachment A. Curriculum Vitae

NAME: Michael James Smith, Ph.D., CPE

ADDRESS: 6719 Shamrock Glen Circle
Middleton, WI 53562

TELEPHONE NUMBER: (608) 836-8268 (Home)
(608) 263-6329 (Work)

DATE OF BIRTH: May 12, 1945

MARITAL STATUS: Married, two children

EDUCATIONAL BACKGROUND: University of Wisconsin, Ph.D., Industrial Psychology, 1973, Madison, Wisconsin

University of Wisconsin, M.A., Industrial Psychology, 1970, Madison, Wisconsin

University of Wisconsin, B.A., General Psychology, 1968, Madison, Wisconsin

LICENSURE and CERTIFICATION:

1988 – 2009 Licensed psychologist - Wisconsin

1993 - 2009 Certificant - Board of Certification in Professional Ergonomics

PROFESSIONAL EXPERIENCE:

June 2, 2007 to present Professor Emeritus, Department of Industrial and Systems Engineering
University of Wisconsin-Madison

July 1, 2005 to June 1, 2007 Duane H. and Dorothy M. Bluemke Endowed Professorship in Engineering
University of Wisconsin-Madison

September, 2002 to August, 2005 Robert Ratner Endowed Chair in Industrial Engineering
University of Wisconsin-Madison

August, 1986 to June 1, 2007 Professor, Industrial and Systems Engineering
University of Wisconsin-Madison

July 1, 1995 to June 30, 1998 Chairperson, Department of Industrial Engineering
July 1, 1988 to June 30, 1991 University of Wisconsin-Madison

September, 1984-July, 1986 Associate Professor, Industrial Engineering
University of Wisconsin-Madison

March, 1976-August, 1984 Chief, Motivation and Stress Research Section, Applied Psychology and Ergonomics Branch, National Institute for Occupational Safety and Health, Cincinnati, Ohio

June, 1974-March, 1976

Chief, Safety Research Section, Behavioral and Motivational Factors Branch, National Institute for Occupational Safety and Health, Cincinnati, Ohio

June, 1971-June, 1974

Director, Occupational Safety and Health Research, Research and Statistics Bureau, Wisconsin Department of Industry, Labor and Human Relations, Madison, Wisconsin

TEACHING EXPERIENCE:

August, 1986 to June 1, 2007

Professor, Industrial and Systems Engineering, University of Wisconsin-Madison, Madison, Wisconsin

September, 1984-July, 1986

Associate Professor of Industrial Engineering, University of Wisconsin-Madison, Madison, Wisconsin

September, 1981-August, 1984

Assistant Clinical Professor, Environmental Health, University of Cincinnati, Cincinnati, Ohio

March, 1981-July, 1981

Adjunct Faculty, Department of Environmental Health, University of Cincinnati, Cincinnati, Ohio

January, 1977-January, 1984

Adjunct Faculty, Departments of Psychology and Business, Xavier University, Cincinnati, Ohio

January, 1977-June, 1977

Adjunct Faculty, Department of Psychology, Edgecliff College, Cincinnati, Ohio

September, 1968-June, 1971

Teaching Assistant, Psychology Department, University of Wisconsin-Madison, Madison, Wisconsin

COURSES TAUGHT:

* Industrial Psychology

* Organization and Job Design

* Industrial Relations and Workforce Motivation

* Occupational Stress

* Human Factors of Occupational Safety

* Human Factors in Office Automation

* Introduction to Human Factors

* Human Factors Aspects of Product Liability

* Advanced Human Factors Engineering

* Seminar in Organization and Job Design

* Human Performance and Accident Causation

* Special Topics in Human Factors Engineering

* Occupational Safety and Health

* Special Topics in Organizational Design

* Sociotechnical Systems Engineering

* Seminar in Industrial Engineering

* Industrial Engineering Design

*Ergonomic interventions

PROFESSIONAL SOCIETY MEMBERSHIPS:

Human Factors Society – Member

Institute of Industrial Engineers - Senior Member

American Society of Testing and Measurement - Member

Phi Kappa Phi – Member

American Psychological Association - Member

Association for Computing Machinery – Member

Alpha Pi Mu - Honorary Member

Madison Area Safety Council-Member

ADVISORY ACTIVITIES:

Member of World Health Organization review panel on monitoring psychosocial hazards in the workplace - 1982 to 1984.

Member of Advisory board of OSHA New Directions Grant - University of Cincinnati - 1979 to 1982.

Member of NIOSH Safety Task Force - 1975 to 1976.

Member of Planning and Review Board for International Conferences on Human-Computer Interaction -- Honolulu, 1984, 1987.

U.S. Coordinator for the International Scientific Conference on Work With Display Units -- Stockholm, 1986.

International Scientific Advisory Board for the International Conference on Work With Display Units -- Montreal, 1989.

International Scientific Advisory Board for the International Conference on Work With Display Units -- Berlin, 1992.

Advisory Board for the NIOSH Workshop on Prevention of Health and Ergonomic Problems in VDT/Office Work - Miami University, Oxford, Ohio, 1988.

Conference Program Chairman for the International Conference on Human - Computer Interaction -- Boston, 1989.

Science and Advisory Policy Committee for the Workplace Health Fund, Washington, DC, 1988 - 1994.

Editor, Environmental Design Newsletter, Human Factors Society Environmental Design Technical Group, 1986-87.

Editor, International Journal on Human Computer Interaction, ABLEX Publishing Corporation and LEA Publishers, 1988 to 1998.

Member, American Psychological Association/National Institute for Occupational Safety and Health Panel on Job Design and Job Stress, 1990.

Member, American Psychological Association Advisory Panel for the Workplace Psychology and Stress Conference, Washington, DC, 1992.

- Member, Canadian Panel on Cumulative Trauma Disorders, IRSST, Montreal, 1991-1994.
Conference Program Chairman for the International Conference on Human - Computer Interaction -- Orlando, 1993.
- Member, Advisory Board of the Center to Protect Workers' Rights, Washington, DC, 1992-1996.
- Member, Scientific Advisory Board, Center for VDT and Health Research, Johns Hopkins University, Baltimore, 1993 - 1999.
- Member, International Evaluation Group of the Finnish Institute of Occupational Health, Helsinki, Finland, October, 1994 - July, 1995; August, 1997.
- Member, Consumer Protection Advisory Council, Wisconsin Department of Agriculture, Trade and Consumer Protection, June, 1995 - 2007.
- Member, Editorial Board of the Journal of Occupational Psychology, 1995 - 2001.
- Member, Editorial Board of the International Journal of Cognitive Ergonomics, 1996 - 2001.
- Member, International Ergonomics Association Technical Committee on Human-Computer Interaction, 1997 - 2005.
- Conference Program Chairman for the International Conference on Human - Computer Interaction -- San Francisco, 1997.
- Member, Editorial Board of the International Journal on Human Computer Interaction, LEA Publishers, 1999 to present.
- Member, International Scientific Advisory Board for International Encyclopedia of Ergonomics and Human Factors, 1998.
- Member, Technical Advisory Committee for the Interdisciplinary Conference on Occupational Stress & Health, cosponsored by the American Psychological Association and the National Institute for Occupational Safety & Health, 1998, 2003.
- Member, Editorial Board of Theoretical Issues in Ergonomics Science, 1999-present.
- Editor, the International Journal of Cognitive Ergonomics, 2000-2001.
- Member, International Ergonomics Association (IEA) Executive Committee, 2000-2003.
- Conference Program Chairman for the International Conference on Human - Computer Interaction -- New Orleans, 2001.
- Member, Editorial Board of Human Factors and Ergonomics in Manufacturing, 2001 – present.
- International Advisory Committee for the International Conference on Human-Computer Interaction – Crete, 2003.
- Conference Program Chairman for the International Conference on Human - Computer Interaction – Las Vegas, 2005.
- International Scientific Committee for Work Stress and Health – Miami, 2006
- Program Chair, Human Interface and Management of Information Conference track of the International Conference on Human-Computer Interaction 2007 – Beijing, China (PRC), 2007.
- Program Board for the International Conference on Applied Ergonomics – Las Vegas, 2008

International Scientific Committee for Work Stress and Health – Washington, DC, 2008

Program Chair, Human Interface and Management of Information Conference track of the International Conference on Human-Computer Interaction 2009 – San Diego, 2009.

Program Board for the International Conference on Applied Ergonomics – Miami, 2010

Scientific Advisory Board for the 1st International Conference on Human Factors and Ergonomics in Health Care - Miami, 2010.

International Scientific Committee for Work Stress and Health – San Juan, PR, 2010.

HONORS and AWARDS:

2005-2007 – The Duane and Dorothy Bluemke Professor of Engineering

2004 – University of Wisconsin Chancellor's Distinguished Teaching Award

2003 – College of Engineering Benjamin-Smith Reynolds Award for Distinguished Teaching of Engineers

2002-2005 – Robert Ratner Endowed Professorship in Industrial Engineering

2002 – Selected the teacher of the year by the Alpha Pi Mu honor society, Univ. of Wisconsin.

2000 - Fellow of the International Ergonomics Association (IEA).

1991 - Selected by the Wisconsin Student's Association as One of the Top 100 University of Wisconsin Faculty Teachers.

1987, 1988, 1989, 1990, 1991, 1992, 1993, 1995, 1996, 1997, 1998, 1999, 2001, 2002, 2003, 2005, 2006, 2007 - Outstanding Instructor in Industrial and Systems Engineering Award.

Listed in Who's Who in America.

Listed in Who's Who in the World

Listed in American Men and Women of Science .

1981, National Institute for Occupational Safety and Health Director's Award.

1980, U.S. Department of Health, Education, and Welfare Superior Service Award: "For significant research accomplishments in advancing the application of behavioral science principles for the benefit of worker health."

1979, National Institute for Occupational Safety and Health Director's Award.

PUBLICATIONS:

- Smith, M.J., et al. Wisconsin Inspection Effectiveness Project, U.S. Department of Labor, Contract Report L71-171, 1971.
- Ting, T., Smith, M.J., and Smith, K.U., "Social Feedback Factors in Rehabilitative Processes and Learning," American Journal of Physical Medicine, 51, 1971.
- Smith, M.J., et al. An Analysis of Workmen's Compensation Data for Ten Selected Industries in Wisconsin, U.S. Department of Labor, Bureau of Labor Statistics, 1974.
- Cohen, A., Smith, M.J., and Cohen, H. Safety Program Practices in High versus Low Accident Rate Companies, U.S. Department of Health, Education, and Welfare Publication No. (NIOSH) 75-185, Washington, DC: Government Printing Office, 1975.
- Cohen, H., Smith, M.J., and Cohen, A., "Behavioral - Psychological Factors as Related to the Occurrence and Prevention of Occupational Trauma," in Proceedings of the 35th American Medical Association Congress on Occupational Health, Chicago, Illinois: AMA, 1975.
- Smith, M.J., "On-Site Observations of Safety Practices in Plants with Differential Safety Performance," National Safety Congress Transactions, Volume 12 - Industrial Subject Sessions, Chicago, Illinois: National Safety Council, 1975.
- Cohen, A., Smith, M.J., Kroes, W., and Johnson, B. "Mental, Emotional Factors Contribute to Job Safety," International Journal of Occupational Safety and Health, 44(5), 1975, 32-37.
- Colligan, M., Smith, M.J., and Hurrell, J., "Occupational Incidence Rate of Mental Health Disorders," Journal of Human Stress, 3(3), 1977, 34-39.
- Smith, M.J., Cohen, H., Cohen, A., and Cleveland, R., "Characteristics of Successful Safety Programs," Journal of Safety Research, 10(2), 1978, 5-15.
- Smith, M.J., Anger, W.K., and Usland, S., "Behavioral Modification Applied to Occupational Safety," Journal of Safety Research, 10(2), 1978, 87-88.
- Smith, M.J., Colligan, M., and Hurrell, J., "A Review of NIOSH Psychological Stress Research," in Occupational Stress, U.S. Department of Health, Education, and Welfare Publication No. (NIOSH) 78-156, Washington, DC: Government Printing Office, 1978, 16-36.
- Cohen, B.G.F., Colligan, M. Wester, W., and Smith, M.J., "An Investigation of Job Satisfaction Factors in an Incident of Mass Psychogenic Illness at the Workplace," Occupational Health Nursing, 26(1), 1978, 10-16.
- Colligan, M. and Smith, M.J., "A Methodological Approach for Evaluating Outbreaks of Mass Psychogenic Illness in Industry," Journal of Occupational Medicine, 20(6), 1978, 401-402.
- Smith, M.J., Colligan, M., and Hurrell, J., "Three Incidents of Industrial Mass Psychogenic Illness," Journal of Occupational Medicine, 20(6), 1978, 399-400.
- Colligan, M.J., Smith, M.J., Hurrell, J.J., and Tasto, D.L., "Shiftwork: A Record Study Approach," Behavioral Research Methods and Instrumentation, 11(1), 1979, 5-8.
- Smith, M.J., Colligan, M.J., and Tasto, D.L., "A Questionnaire Survey Approach to the Study of the Psychosocial Consequences of Shiftwork," Behavioral Research Methods and Instrumentation, 11(1), 1979.
- Cleveland, R., Cohen, H., Smith, M.J., and Cohen, A. Safety Program Practices in Record-Holding Plants, U.S. Dept. of Health, Education, and Welfare Publication No. (NIOSH) 79-136, Washington, DC: Government Printing Office, 1979.

- Cohen, A., Smith, M.J., and Anger, W.K., "Self-Protective Measures Against Workplace Hazards," Journal of Safety Research, 11(3), 1979, 121-131.
- Smith, M.J., Colligan, M.J., and Tasto, D.L., "Occupational Injury Rates Among Nurses as a Function of Shift Schedule," Journal of Safety Research, 11(4), 1979, 181-187.
- Smith, M.J., Stammerjohn, L., Cohen, B., and Lalich, N., "Video Display Operator Stress," In E. Grandjean, E. Vigliani (Eds.) Ergonomic Aspects of Visual Display Terminals, London, England: Taylor and Francis, 1980, 201-210.
- Smith, M.J., Colligan, M. and Hurrell, J., "A Review of NIOSH Stress Research 1971-1976" in New Directions in Occupational Stress Research, U.S. Dept. of Health, Education, and Welfare Publication No. (NIOSH) 81-102, Washington, DC: Government Printing Office, 1980, 2-9.
- Smith, M.J., Stammerjohn, L., Murray, W., and Parr, W., "Working with Video Display Terminals: A Preliminary Health-Risk Evaluation," Morbidity and Mortality Weekly Report, 29(25), 1980, 307-308.
- Smith, M.J., Cohen, B.G.F., Stammerjohn, L., and Happ, A., "An Investigation of Health Complaints and Job Stress in Video Display Operations," Human Factors, 23(4), 1981.
- Stammerjohn, L., Smith, M.J., and Cohen, B.G.F., "Evaluation of Work Station Design Factors in VDT Operations," Human Factors, 23(4), 1981.
- Conard, R., Hopkins, B., Fitch, H., Smith, M., Anger, W., and Dangel, R., "A Strategy to Validate Work Practices: An Application to the Reinforced Plastics Industry," in Proceedings of the Chemical Manufacturers Association Seminar, Washington, DC: Chemical Manufacturers Association, 1981.
- Smith, M.J., "Recognizing and Coping with Occupational Stress," Professional Safety, 26(8), 1981.
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- Smith, M.J., "Psychosocial Job Stress: An Overview," in G. Salvendy and M.J. Smith (Eds.) Machine Pacing and Occupational Stress, London, England: Taylor and Francis, 1981, 13-20.
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- Cohen, B.G.F., Smith, M.J., and Stammerjohn, L., "Psychosocial Factors Contributing to Job Stress of Clerical VDT Operators," in G. Salvendy and M.J. Smith (Eds.) Machine Pacing and Occupational Stress, London, England: Taylor and Francis, 1981, 337-346.
- Smith, M.J., Hurrell, Jr., J., and Murphy, R., "Stress and Health Effects in Paced and Unpaced work," in G. Salvendy and M.J. Smith (Eds.) Machine Pacing and Occupational Stress, London, England: Taylor and Francis, 1981, 262-268.
- Arndt, R.L., Smith, M.J., and Hurrell, Jr., J., "Comparison of Biochemical and Survey Results of a Four Year Study of Letter Sorting Machine Operators," in G. Salvendy and M.J. Smith (Eds.) Machine Pacing and Occupational Stress, London, England: Taylor and Francis, 1981, 311-318.
- Salvendy, G., Smith, M.J., Triggs, T., Sen, T., Morgan, B., and Haider, M., "Stress and Machine Pacing: Future Trends," in G. Salvendy and M.J. Smith (Eds.) Machine Pacing and Occupational Stress, London, England: Taylor and Francis, 1981, 361-367.
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- Smith, M.J., "Video Display Terminals - What Are The Hazards?" National Safety Congress Transactions, Chicago, Illinois: National Safety Council, 1981.
- Smith, M.J., "Job Stress and VDT Work," Human Factors Society Bulletin, 24, 1981, 4-5.
- Smith, M.J., Hurrell, Jr., J.J., and Murphy Jr., R.K., Job Demands and Worker Health in Machine-Paced Letter Sorting Operations, U.S. Department of Health and Human Services Report, Washington DC: Government Printing Office, 1982.
- Smith, M.J., Colligan, M.J., and Tasto, D.L., "Shift Work Health Effects for Food Processing Workers," Ergonomics, 25, 1982, 133-144.
- Smith, M.J., Dainoff, M.J., Cohen, B.G.F., and Bierbaum, D.S., Ergonomic Evaluation of VDT Operations at the Woodlawn Building of the Social Security Administration, U.S. Department of Health and Human Services Publication No. (NIOSH) HETA 82-329, Washington, DC: Government Printing Office, 1983.
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- Smith, M.J., "VDT Work Station Stress and Design," in Proceedings of ASSE Professional Development Seminar, Dallas, Texas: ASSE, 1983.
- Smith, M.J., Behavioral Medicine at the Workplace, Cincinnati, Ohio: National Institute for Occupational Safety and Health, 1983.
- Smith, M.J., "Job Stress and Mental Health Problems in Video Display Work," in Proceedings of the X World Congress on the Prevention of Occupational Accidents and Diseases, Geneva, Switzerland: International Social Security Association, 1983. (Reprinted by the International Safety Office, Geneva, Switzerland.)
- Smith, M.J., Anger, W.K., Hopkins, W.L., and Conard, R.J., "Behavioral/Psychological Approaches for Controlling Employee Chemical Exposures," in Proceedings of the X World Congress on the Prevention of Occupational Accidents and Diseases, Geneva, Switzerland: International Social Security Association, 1983.
- Smith, M.J., "Health Issues in VDT Work," in J. Bennett, D. Case, J. Sandelin, and M.J. Smith (Eds.) Video Display Terminals: Usability Issues and Health Concerns, New York, New York: Prentice Hall, 1984.
- Smith, M.J., "VDTs and Worker Health: An Overview," in J. Bennett, D. Case, J. Sandelin, and M.J. Smith (Eds.) Video Display Terminals: Usability Issues and Health Concerns, New York, New York: Prentice Hall, 1984.
- Bennett, J., Case, D., Sandelin, J., and Smith, M.J. (Eds.) Video Display Terminals: Usability Issues and Health Concerns, New York, New York: Prentice Hall, 1984.
- Smith, M.J., "Ergonomics Aspects of Health Problems in VDT Operations," in B.G.F. Cohen (Ed.) Human Aspects in Office Automation, Amsterdam: Elsevier, 1984.
- Smith, M.J., "Ergonomic Stress Aspects of Computerized Office Technology," in G. Salvendy (Ed.) Human - Computer Interaction, Amsterdam: Elsevier, 1984.
- Smith, M.J., "The Physical, Mental, and Emotional Stress Effects of VDT Work," Computer Graphics and Applications, 4(4), 1984, 23-27.
- Smith, M.J., "Human Factors Issues in VDT Use: Environmental and Workstation Design Considerations," Computer Graphics and Applications, 4(11), 1984, 56-63.
- Cooper, C. and Smith, M.J. (Eds.) Job Stress in Blue Collar Work, London, England: John Wiley, 1985.

- Smith, M.J., "Machine Paced Work and Stress," in C. Cooper and M.J. Smith (Eds.) Job Stress in Blue Collar Work, London, England: John Wiley, 1985, 51-64.
- Smith, M.J., "Human Factors Considerations in Person/Computer Interactions, Department of Industrial Engineering, University of Wisconsin-Madison, 1985.
- Goldfield, N., Smith, M.J., and Douglas, S., "Technology Review: Working with VDTs," Business and Health, 3(12), 1985, 55.
- Smith, M.J., "VDT Strain: Psychological Strain or Physical Basis?" Proceedings of the Human Factors Society - 29th Annual Meeting, 2, 1985, 689-693.
- Hopkins, B.L., Conard, R., Dangel, R., Fitch, G., Smith, M.J., and Anger, W.K., "Behavioral Technology for Reducing Occupational Exposures to Styrene," Journal of Applied Behavioral Analysis, 19, 1986, 3-11.
- Hopkins, B.L., Conard, R. and Smith, M.J., "Effective and Reliable Behavioral Control Technology," Am. Ind. Hyg. Assoc. J., 47,1986, 785-791.
- Smith, M.J., Carayon, ., and Miezio, K., Motivational, Behavioral, and Psychological Implications of Electronic Monitoring of Worker Performance, Washington, DC: Office of Technology Assessment, U.S. Congress, 1986.
- Smith, M.J., "Job Stress and VDUs: Is Technology a Problem?" in Proceedings of the International Scientific Conference: Work with Display Units, Stockholm, Sweden: Swedish National Board of Occupational Safety and Health, 1986, 189-195.
- Smith, M.J., "Sociotechnical Considerations in Robotics and Automation," in Proceedings of 1986 IEEE International Conference on Robotics and Automation , 2, 1986, 1112-1120.
- Ostberg, O. and Smith, M.J., "Effects of Visual Accommodation and Subjective Visual Discomfort for VDT Work Intensified Through Split Screen Technique," in B. Knave and P.G. Wideback (Eds.) Work with Display Units, Amsterdam: Elsevier, 1987, 512-521.
- Smith, M.J., Carayon, P., and Miezio, K., "VDT Technology: Psychosocial and Stress Concerns," in B. Knave and P.G. Wideback (Eds.) Work with Display Units, Amsterdam: Elsevier, 1987, 310-327.
- Smith, M.J., "Mental and Physical Strain at VDT Workstations," Behaviour and Information Technology, 6, 1987, 243-255.
- Smith, M.J., "Occupational Stress," in G. Salvendy (Ed.) Handbook of Human Factors, New York, New York: John Wiley, 1987, 844-860.
- Smith, M.J. and Beringer, D.B., "Human Factors in Occupational Injury Evaluation and Control," in G. Salvendy (Ed.) Handbook of Human Factors, New York, New York: John Wiley, 1987, 767-789.
- Carayon, P., Smith, M.J., and Miezio, K., "Organizational and Job Design Consequences of Office Automation," in S.S. Asfour (Ed.) Trends in Ergonomics/Human Factors IV, Amsterdam: North Holland, 1987, 121-128.
- Miezio, K., Smith, M.J., and Carayon, P., "Electronic Performance Monitoring: Behavioral and Motivational Issues," in S.S. Asfour Ed.) Trends in Ergonomics/Human Factors IV, Amsterdam: North Holland, 1987, 253-257.
- Smith, M.J., Carayon, P., and Miezio, K., "Electronic Monitoring and Job Stress," in S. Sauter, J. Hurrell, and G. Salvendy (Eds.) Human Computer Interaction II, Part 2, Amsterdam: Elsevier Science Publishers, 1987, 33-42.

- Smith, M.J. "Electronic Monitoring at the Workplace: Part of a New Industrial Revolution", Human Factors Society Bulletin, 1988, 31, 1-3.
- Smith, M., Salvendy, G. and Sharit, J. "Stress Effects," in G.A. Peters and B.J. Peters (Eds.) Automotive Engineering and Litigation, Volume 2 , New York: Garland Law Publishing, 1988, 461-488.
- Smith, M.J. and Sainfort, P., "Are VDT Ergonomic Standards Justified?", Proceedings of the Annual Conference of the Human Factors Association of Canada, 1988.
- Smith, M.J., Sainfort, F.C., Sainfort, P.C., and Fung, C. (1989). "Efforts to Solve Quality Problems", in Investing in People: Background papers Volume II. Washington, DC: Superintendent of Documents, (Stock No. 029-000-00428-5).
- Smith, M.J. and Amick, B.C.III. "Electronic Monitoring at the Workplace: Implications for Employee Control and Job Stress", in S. Sauter and J. Hurrell (Eds.) Job Control and Worker Health, Chichester, England: John Wiley and Sons, Ltd., 1989, 275-288.
- Smith, M.J. "New Technology, Health and Safety and Labor-Management Relations", D. Mowery and B. Henderson (Eds.) The Challenge of New Technologies to Labor-Management Relations (BLMR 135), Washington, DC: U.S. Department of Labor, 1989.
- Smith, M.J. "VDT's, Office Work and Chronic Psychological and Physical Trauma" , in A. Mital (Ed.) Advances in Industrial Ergonomics and Safety I, Taylor & Francis, Ltd., 1989, 457-464.
- Salvendy, G. and Smith, M.J. (Eds.). Designing and Using Human-Computer Interfaces and Knowledge Based Systems , Amsterdam: Elsevier Science Publishers, 1989.
- Sainfort, P.C. and Smith, M.J. "Job Factors as Predictors of Stress Outcomes Among VDT Users", in M.J. Smith and G. Salvendy (Eds.) Work With Computers: Organizational, Management, Stress and Health Aspects, Amsterdam: Elsevier Science Publishers, 1989, 233-240.
- Lim, S-Y, Rogers, K.J.S., Smith, M.J. and Sainfort, P.C. "A Study of the Direct and Indirect Effects of Office Ergonomics on Psychological Stress Outcomes, in M.J. Smith and G. Salvendy (Eds.) Work With Computers: Organizational, Management, Stress and Health Aspects, Amsterdam: Elsevier Science Publishers, 1989, 248-255.
- Smith, M.J. and Salvendy, G. (Eds.). Work With Computers: Organizational, Management, Stress and Health Aspects , Amsterdam: Elsevier Science Publishers, 1989.
- Smith, M.J. and Sainfort P.C. "A Balance Theory of Job Design for Stress Reduction" , International Journal of Industrial Ergonomics, 4, 1989, 67-79.
- Lim, S-Y, Sainfort, P.C. and Smith, M.J. "The Role of Job Design Factors in Office Ergonomics", in B. Das (Ed.) Advances in Industrial Ergonomics and Safety II, Amsterdam: Elsevier Science Publishers, 1990, 385-393.
- Smith, M.J. and Zehel, D.J. "Cumulative Trauma Injury Control Efforts in Select Wisconsin Manufacturing Plants", in B. Das (Ed.) Advances in Industrial Ergonomics and Safety II, Amsterdam: Elsevier Science Publishers, 1990, 259-264.
- Sauter, S.L., Dainoff, M.J. and Smith, M.J. Promoting Health and Productivity in the Computerized Office , London: Taylor and Francis, Ltd., 1990.
- Smith, M.J. and Zehel, D. An Evaluation of the Safety program at XYZ Company and a Recommendation for Improvements. Contract Report Department of Industrial Engineering, University of Wisconsin, Madison, 1990.

- Carayon-Sainfort, P., Smith, M.J. and Lim, S-Y. "Comparison of Objective and Subjective Ergonomic Evaluations of Office Environments and Workstations" in Y. Queinnec and F. Daniellou (Eds.) Designing for Everyone, London: Taylor and Francis Ltd., 1991, 768-770.
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- Smith, M.J., Salvendy, G., Carayon-Sainfort, P. and Eberts, R. Human-Computer Interaction. In G. Salvendy (Ed) Handbook of Industrial Engineering, New York: John Wiley & Sons, 1992.
- Smith, M.J. Design for Health and Safety. In G. Salvendy (Ed) Handbook of Industrial Engineering, New York: John Wiley & Sons, 1992, 1078-1106.
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- Smith, M.J. and Carayon, P. "A 'Balance' Model for Examining Psychological Job Stress in VDU Work", in H. Luczak, A. Cakir and G. Cakir (Eds.) Work With Display Units '92, Amsterdam: Elsevier Science Publishers, 1993, 35-39.
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- Salvendy, G. and Smith, M.J. (Eds) Human-Computer Interaction: Software and Hardware Interfaces. Amsterdam: Elsevier Science Publishers, 1993.
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Smith, M.J., Carayon, P. and Cohen, W.J. (2009). Design of computer workstations. In The Human-Computer Interaction Handbook Second Edition (Eds. A Sears and JA Jacko). Publisher: CRC Press, Taylor & Francis Group, Boca Raton, Florida, 14 pages. Republication of article above.

SELECT PRESENTATIONS:

Behavioral Approaches to Safety Problems. Presented at the 62nd National Safety Congress, Public Employees Section, Chicago, Illinois, 1974.

How to Audit Your Own Safety Program. Presented at the Manufacturing Chemists Association Workshop on Safety and Health in the Chemical Industry, Cherry Hill, New Jersey, 1975.

On-Site Observations of Safety Practices in Plants with Differential Safety Performance. Presented at the 63rd National Safety Congress, Industrial Section, Chicago, Illinois, 1975.

Psychological Strategies for Accident Control and Procedures for Diagnosis of Job Safety Needs. Presented at the 103rd American Public Health Association Annual Meeting, Chicago, Illinois, 1975.

Behavioral Science Principles Applied to Occupational Safety. Presented at the 84th Annual American Psychological Association Meeting, Washington, DC 1976.

Occupational Stress. Presented at the UCLA Conference on Occupational Stress: Problems and Costs, Los Angeles, California, 1977.

Occupational Stress Research. Presented at Cornell Conference on Stress Reduction, White Plains, New York, 1977.

Evaluating Industrial Psychogenic Contagion Reactions. Presented at the 85th American Psychological Association Meeting, New York City, New York, 1977.

A Questionnaire Survey Approach to the Study of the Psychosocial Consequences of Shiftwork. Presented at the 86th Annual American Psychological Association Meeting, Toronto, Canada, 1978.

Job Stress and Strain in Postal Letter Sorting Machine Operations. Presented at the 87th Annual American Psychological Meeting, New York City, New York, 1979.

Psychological Aspects of Shift Work: Sex Differences. Presented at the 87th Annual American Psychological Association Meeting, New York City, New York, 1979.

Video Display Operator Stress. Presented at International Scientific Workshop on Ergonomic Aspects of Visual Display Units, Milan, Italy, March, 1980.

Health Aspects of Video Display Operations. Presented at 68th National Safety Congress, Printing and Publishing Section, Chicago, Illinois, 1980.

Human Factors Professions in Occupational Safety and Health: What Does the Future Hold? Presented at the 24th Annual Meeting of the Human Factors Society, Los Angeles, California, 1980.

- Applying Work Practices to Reduce Chemical Exposure. Presented at the Manufacturing Chemists Association Health Symposium, Philadelphia, Pennsylvania, 1981.
- Psychosocial Job Stress: An Overview. Presented at the International Conference on Machine Pacing and Occupational Stress, Purdue University, (West LaFayette, Indiana), 1981.
- Psychogenic Issues in Video Display Terminal Operations. Presented at American Industrial Hygiene Association Seminar, Washington, DC, 1981.
- Stress Aspects of VDT Use. Presented at the 109th American Public Health Association Annual Meeting, Los Angeles, California, 1981.
- Stress Issues in VDT Work. Presented at the 25th Human Factors Society Annual Meeting, Rochester, New York, 1981.
- Health Aspects of VDT Use. Presented at the Stanford Conference on VDTs: Windows to the Information Age, Stanford, California, 1982.
- Biomechanical Causes of Stress. Presented at the Society for Occupational and Environmental Health Conference on Occupational Stress, Baltimore, Maryland, 1982.
- Psychosocial Aspects of VDT Use. Presented at the American Industrial Hygiene Conference, Cincinnati, Ohio, 1982.
- Video Display Terminals: An Ergonomic Study. Presented at the 70th National Safety Congress, Chicago, Illinois, 1982.
- Monitoring Psychosocial Hazards in the Workplace. Presented at a World Health Organization Preparatory Group Meeting, Geneva, Switzerland, 1982.
- VDT Operator Health Hazards. Presented at the AFGE Safety and Health Seminar, Cincinnati, Ohio, 1982.
- Preventive Medicine at the Workplace. Presented at Boston University Medical Center Seminar Series on Behavioral Medicine, Boston, Massachusetts, 1983.
- Psychological Stress Due to Computerized Office Technology. Presented at the American Newspaper Publishers Association Research Institute Safety and Health Symposium, San Francisco, California, 1983.
- Behavioral/Psychological Approaches for Controlling Employee Chemical Exposures. Presented at the X World Congress on the Prevention of Occupational Accidents and Diseases, Ottawa, Ontario, 1983.
- Stress. Presented at the Biennial Convention of the Food and Beverage Trades Department, AFL-CIO, Hollywood, Florida, 1983.
- Controlling Workplace Stress. Presented at the 71st Annual National Safety Congress, Chicago, Illinois, 1983.
- Occupational Stress: Issues and Research. Presented at the 111 Annual Meeting, American Public Health Association, Dallas, Texas, 1983.
- Muscular Effects of VDT Work. Presented at IEEE Computer Society Annual Congress, San Francisco, California, 1984.
- Health Issues of Electronic Processing Equipment: The Problems. Presented at the Fourth Annual National Safety Management Society Conference, Washington, DC, 1984.
- VDT Ergonomics and Design Issues. Presented at the American Society of Safety Engineers Professional Development Meeting, Boston, Massachusetts, 1984.

- Human Factors in the Office. Presented at the Business and Institutional Furniture Manufacturers Information Conference, Hilton Head, South Carolina, 1984.
- Ergonomics and VDT's in the Office. Presented at the AFL-CIO Conference in Office Automation, New York City, 1984.
- Ergonomics and Stress Aspects of Office Automation. Presented at the U.S. Congress, Office of Technology Assessment Workshop on the Quality of Working Life and Office Automation, Washington, DC , 1984.
- Ergonomics and Stress in Automated Work. Presented at American Motors Corporation/United Auto Workers Seminar on Occupational Health, Kenosha, Wisconsin, 1985.
- Human Factors Considerations in Person/Computer Interactions. Presented at 1985 Summer National Meeting, American Institute of Chemical Engineers, Seattle, Washington, 1985.
- VDT Strain: Psychological Strain or Physical Basis? Presented at 29th Annual Meeting of the Human Factors Society, 1985.
- Occupational Stress: Emerging Issues. Presented at the AFL-CIO Industrial Union Division Conference on Ergonomics, Washington, DC, 1986.
- Sociotechnical Considerations in Robotics and Automation. Presented at 1986 IEEE International Conference on Robotics and Automation, San Francisco, California, 1986.
- Job Stress and VDUs: Is the Technology a Problem? Presented at the International Scientific Conference on Work with Display Units, Stockholm, Sweden, 1986.
- Work with Visual Display Terminals: A Workshop. Presented at the 1st Annual International Industrial Ergonomics and Safety Conference, Louisville, Kentucky, 1986.
- Ergonomics and Health in VDT Workstation Design. Presented at the International Conference on ERGODESIGN, Montreaux, Switzerland, 1986.
- Office Ergonomics: An Overview. Presented at the 95th American Psychological Association Meeting, Washington, DC, 1987.
- Case Studies in Workplace Ergonomics. Presented at the Annual Wisconsin Safety Congress, Oconomowoc, Wisconsin, 1987.
- Computer Monitoring and Worker Stress. Presented at the Second International Conference on Human-Computer Interaction, Honolulu, Hawaii, 1987.
- Physical and Psychosocial Aspects in the Workplace. Presented at the 38th Office Planners and Users Group Symposium, Chicago, Illinois, 1987.
- Sociotechnical Issues and the Office of the Future. Presented at the DesigNations 88 Seminars, Vancouver, British Columbia, 1988.
- Ergonomic Factors in Carpal Tunnel Syndrome. Presented at the International Association of Industrial Accident Boards and Commissions Central States Association Annual Meeting, Milwaukee, Wisconsin, 1988.
- Carpal Tunnel Syndrome - A Welding Problem? Presented at the Welding Technology Update, University of Wisconsin-Milwaukee, Milwaukee, Wisconsin, 1988.
- Are VDT Ergonomic Standards Justified? Presented at the Twenty-first Annual Human Factors Association of Canada Conference, Edmonton, Alberta, 1988.

- Occupational Stress: A Theory of Balance. Presented at the International Personnel Management Association National Meeting, New Orleans, Louisiana, 1988.
- Labor and Management Strategies for Dealing with the Health and Safety Challenges of New Technologies. Presented at the National Academy of Sciences Meeting on The Challenges of New Technologies to Labor-Management Relations, Washington, DC, 1988.
- Physical Demands of the Work Environment. Presented at the National Heart Lung and Blood Institute/University of California Irvine Conference on Work Environments and Cardiovascular Disease, Irvine, California, 1989.
- Organization and Work Design. Presented at the Conference on Information Technology and the Federal Workforce: Impact of a Revolution, Arlington, Virginia, 1989.
- Physiological Aspects of Chronic Trauma. Presented at the Trane Corporation/ School for Workers Seminar on Ergonomics, LaCrosse, Wisconsin, 1989.
- VDT's, Office Work and Chronic Psychological and Physical Trauma. Presented at the Annual International Industrial Ergonomics and Safety Conference, Cincinnati, Ohio, 1989.
- Stress Amongst VDU Operators. Presented at the Work With Display Units International Conference, Montreal, Quebec, Canada, 1989.
- Workplace Design for the Automated Office. Presented at the IRS Seminar on Workplace Design, Washington, DC, 1989.
- Engineering Solutions to Upper Extremity Cumulative Trauma Problems. Presented at the Wisconsin Department of Health and Social Services Seminar on Carpal Tunnel Syndrome, Milwaukee, WI, 1990.
- Ergonomic Solutions for Designing Workplaces to Prevent Repetitive Strain Injuries. Presented at the Annual Convention of The Newspaper Guild, New York, New York, 1990.
- Job Design and Job Stress: An Agenda for the 90's. Presented at the American Psychological Association/ National Institute for Occupational Safety and Health National Meeting on Occupational Stress, Washington, DC, 1990.
- Ergonomic and Health Aspects of Human-Computer Interaction. Presented at the International Ergonomic Association Congress, Paris, France, 1991.
- Health and Safety Issues of New Technology. Presented at the Symposium on the Effects of New Technology. Uppsala, Sweden, 1991.
- Impact of Computer System Performance on Task Characteristics and Worker Stress. Presented at the 4th International Conference on Human-Computer Interaction (HCI '91), Stuttgart, Germany, 1991.
- VDT's and Occupational Stress. Presented at the Communications Workers of America Occupational Safety and Health Conference, Denver, 1991.
- Automation and the Organization of Work. Presented at the American Association for the Advancement of Science Annual Meeting, Chicago, Illinois, 1992.
- Carpal Tunnel Syndrome. Presented at the 73rd Annual Convention of the American Welding Society, Chicago, Illinois, 1992.
- Psychosocial Factors in Cumulative Trauma Disorders: Some Theoretical Considerations. Presented at the First Annual Industrial Engineering Research Conference, Chicago, IL, 1992.

- A Conceptual Look at VDU Work Organization and Stress. Plenary Presentation at the Work With Display Units International Conference, Berlin, Germany, 1992.
- Occupational Ergonomics. Presented at the AFL-CIO Department for Professional Employees Safety and Health Program, Washington, DC, 1992.
- A Stress Reduction Intervention Programme in a Meat Processing Plant in the United States. Presented at the American Psychological Association/NIOSH Conference on Stress in the 90's, Washington, DC, 1992.
- Work Organization, Stress and CTD's, Presented at the Duke University/NIOSH Meeting on Psychosocial Influences in Office Work CTD, Durham, NC, 1993.
- A Sociotechnical Model of Occupational Health Promotion. Presented at the ODAM-IV Conference, Stockholm, Sweden, 1994.
- A Case Study of a Participatory Ergonomics and Safety Program in a Meat Processing Plant. Presented at the 12th Triennial Congress of the International Ergonomics Association, Toronto, Canada, 1994.
- Ergonomic Research and Prevention of Cumulative Trauma Disorders. Presented at the U.S. Department of Agriculture, Food Safety and Inspection Service Seminar, Washington, DC, 1995.
- Psychosocial Aspects of Cumulative Trauma Disorders. Presented at the 50th Anniversary Conference of the Finnish Institute of Occupational Health, Helsinki, Finland, 1995.
- Taming The Ergonomics Beast: Approaches for Improved Ergonomics. Presented at the Business Development Associates Conference on Model Workplace Safety and Health Programs, Washington, DC, 1995.
- Ergonomics for Indoor and Outdoor Work. Presented at the Communications Workers of America Annual Safety Conference, Dallas, Texas, 1995.
- Psychosocial Aspects of Cumulative Trauma. Presented at the Fifth IEA International Symposium on Human Factors in Organizational Design and Management, Breckenridge, CO., 1996.
- Employee Ergonomic Training. Presented at the National Research Council Commission on Engineering and Technical Systems Marine Board Workshop, Houston, TX., 1996.
- Development and Use of Safety Committees. Presented at the National Research Council Commission on Engineering and Technical Systems Marine Board Workshop, Houston, TX., 1996.
- Psychosocial Considerations in Upper Extremity Cumulative Trauma Disorders. Invited distinguished lecture in organizational design and management presented at the 40th Annual Human Factors and Ergonomics Society Meeting, Philadelphia, PA., 1996.
- Ergonomics and Worker Health. Presented at the Communications Workers of America Annual Safety Convention, New Orleans, 1997.
- Modern Trends in Human Computer Interaction. Invited Keynote address at the 13th Triennial International Ergonomics Association Congress, Tampere, Finland, 1997.
- Work Organization and Psychosocial Aspects of Musculoskeletal Problems of VDT Users. Invited Keynote address at the Fifth International Scientific Conference - WWDU '97, Tokyo, Japan, 1997.
- How to Measure Employee Productivity. McArthur Foundation Meeting, Tampa, FL., 1998.
- A Review of Research on Workplace Interventions to Control Musculoskeletal Disorders. Invited paper. National Academy of Sciences Workshop on Work-Related Musculoskeletal Injuries: Examining the Research Base, Washington, DC, 1998.

Ergonomic Controls to Improve Employee Health. Presented at the Communications Workers of America Annual Safety Convention, San Francisco, 1998.

Psychosocial Stress. Presented at the Society of Professional Journalists Annual Conference, Indianapolis, 1999.

Theoretical Aspects of Psychosocial Issues in Work-Related Musculoskeletal Disorders. Presented at the American Industrial Hygiene Conference and Exposition, Orlando, 2000.

Future Trends in Ergonomic Science. Presented at the IEA 2000/HFES 2000 Congress, San Diego, 2000.

Examining the entire work system to better understand human error in occupational accidents. Presented at the Human Error in Occupational safety Symposium of the ASSE, Peachtree City, GA., 2003.

A case study of an ergonomic intervention at a call center. Presented at the Liberty Mutual Safety Research Institute, Hopkinton, MA, 2005.

Psychosocial Considerations and the Indoor Environment: Health and Productivity Issues. Presented at the 2005 Syracuse Symposium on Environmental and Energy Systems, Syracuse, NY, 2005.

Sociotechnical Aspects of Computing in Industry. Purdue University International Symposium in honor of Professor Gavriel Salvendy. West Lafayette, IN, 2008.

Future Opportunities for Ergonomics and Ergonomists. Invited Concluding Keynote Address at the National Ergonomics Conference and Exposition, Las Vegas, 2008.