

CURRICULUM VITAE

SIMON P. LEVINE M.A., M.S., PH.D.

May, 2009

EDUCATION

Undergraduate: 1969-1973: B.A., Mathematics, Magna Cum Laude, Departmental Highest Honors, UCLA
Graduate: 1973-1975: M.A., Mathematics, University of Michigan
1974-1976: M.S., Bioengineering, University of Michigan
1976-1983: Ph.D., Bioengineering, University of Michigan

GRADUATE TRAINING

1973-1974 Teaching Fellow, Mathematics Department, University of Michigan
1974-1977 NIH Traineeship; Bioengineering Program, University of Michigan
1975 Graduate Research Assistant;
Program for Urban Health Research, University of Michigan
1976-1978 Graduate Research Assistant;
Department of Industrial and Operations Engineering, University of Michigan
1976-1978 Graduate Research Assistant;
Department of Physical Medicine and Rehabilitation, University of Michigan

ACADEMIC APPOINTMENTS

2001-present Professor
Department of Physical Medicine & Rehabilitation;
University of Michigan
1990-2001 Associate Professor
Department of Physical Medicine & Rehabilitation;
University of Michigan
1998-present Associate Professor
Department of Biomedical Engineering (established 1998)
University of Michigan
1983-1998 Faculty
Graduate Bioengineering Program
University of Michigan
1983-1990 Assistant Professor
Department of Physical Medicine & Rehabilitation, University of Michigan
1985-1989 Biomedical Engineer; Research Services, Ann Arbor VA Medical Center
1980-1983 Senior Research Associate
Department of Physical Medicine and Rehabilitation, University of Michigan
1978-1980 Research Associate
Department of Physical Medicine and Rehabilitation, University of Michigan
1971-1973 Teaching Assistant; Mathematics Dept., UCLA
1970-1971 Research Assistant; Molecular Biology Dept. (Winston Salzer, Ph.D.), UCLA
1969-1970 Research Assistant; Chemistry Dept. (Willard Libby, Ph.D., Nobel Laureate) UCLA

ACADEMIC ADMINISTRATIVE APPOINTMENTS

- 1983-2009 Director, Rehabilitation Engineering Program
Dept. of Physical Medicine & Rehabilitation, Dept. of Biomedical Engineering
University of Michigan
- 1980-1983 Acting Director,
Dept. of Physical Medicine & Rehabilitation, Dept. of Biomedical Engineering
University of Michigan

CLINICAL/HOSPITAL APPOINTMENTS

- 1983-present Director, Rehabilitation Engineering Program/Rehabilitation Technology Services
Department of Physical Medicine and Rehabilitation, University of Michigan
-Direct the clinical service delivery component of the Rehabilitation Engineering Program
which provides consultation, evaluation, design, prescription, fabrication, and training
for rehabilitation technology and assistive devices to inpatients and outpatients at the
University of Michigan Medical Center.
- 1988-1996 Director, Rehabilitation Engineering Program/Wheelchair Seating Service

CONSULTING POSITIONS

- 2005- present Founding Member, Better Rehab, a company focused on developing web based resources for
people needing or having joint replacement.
- 1997-1999 Consultant, Metrica Corporation SBIR Grant, #1R43HD35778-01,
“Development of a Smart Wheelchair.”
- 1994-1998 Co-director Washtenaw County Assistive Technology Council
- 1988-1993 Michigan Consortium for Enabling Technology, Technical Advisory Board
- 1986-1987 University Space Research Association - Space Biomedicine Division,
NASA Johnson Space Center, Houston, Texas
- 1984-present Clinical Consultant; Rehabilitation Medicine Services, Ann Arbor VA Medical Center

SCIENTIFIC ACTIVITIES

EDITORIAL BOARD

- 1993-2005 Assistive Technology
- 1987-1990 Rehabilitation Report

EDITORIAL REVIEW

- 1986-present Archives of Physical Medicine and Rehabilitation
- 1987-present IEEE Transactions on Biomedical Engineering
- 1987-present Journal of Rehabilitation Research and Development
- 1990-present Augmentative and Alternative Communication
- 1991-present Assistive Technology
- 1993-present IEEE Transactions on Rehabilitation Engineering

GRANT REVIEW

- 1984-present National Institute on Disability and Rehabilitation Research
- 1985-present Paralyzed Veterans of America - Spinal Cord Research Foundation
- 1985-present Rehabilitation Services Administration, Department of Education
- 1990-1995 National Institute of Health, Orthopedic Surgery and Rehabilitation Study Section

VISITING PROFESSORSHIPS

University Space Research Association - Space Biomedicine Division, NASA Johnson Space Center, Houston, Texas, November 1986

University Space Research Association - Space Biomedicine Division, NASA Johnson Space Center, Houston, Texas, February 1987

University Space Research Association - Space Biomedicine Division, NASA Johnson Space Center, Houston, Texas, June 1987

Technical University of Graz, Institute for Human Computer Interfaces, Graz, Austria, May, 2000

Technical University of Graz, Institute for Human Computer Interfaces, Graz, Austria, September, 2002

Technical University of Graz, Institute for Human Computer Interfaces, Graz, Austria, February-March, 2004

Technical University of Graz, Institute for Human Computer Interfaces, Graz, Austria, September, 2004

PROGRAM AND CONFERENCE CHAIRS

Session Chair: "Quantitative Assessment for Rehabilitation". Seventh Annual Conference - IEEE Engineering in Medicine and Biology Society, Chicago, Illinois, November 1985.

Session Chair: "Therapeutic and Other Applications of Electrical Stimulation". National Institute of Disability and Rehabilitation Research: Workshop on Electrical Stimulation, National Institute on Disability and Rehabilitation Research, Washington, D.C., October 1986.

Session Chair: "Computer Aided Rehabilitation Techniques and Devices". Eighth Annual Conference - IEEE Engineering in Medicine and Biology Society, Fort Worth, Texas, November 1986.

Program Chair for Rehabilitation Engineering and Sensory/Motor Augmentation/Replacement, 8th Annual Conference - IEEE Engineering in Medicine and Biology Society, Fort Worth, Texas, November 1986.

Meeting Chair: Great Lakes Rehabilitation Engineering Consortium, Ann Arbor, Michigan, April, 1988.

Special Session Chairman: "Technology to Assist Cognitive Function." International Conference of the Association for the Advancement of Rehabilitation Technology, Montreal, Quebec, Canada, June 1988

Session Chair: "Biomechanics of Seating." 11th Annual International Conference of the IEEE Engineering in Medicine and Biology Society, November, 1989.

Research Program Chair. Third Annual Midwest RESNA Regional Conference on Assistive Technology, East Lansing, Michigan, October 1991.

Session Chair: "Mobility Aids." Annual International Conference of the IEEE Engineering in Medicine and Biology Society, November, 1993.

Student Scientific Paper Competition Chair, 1995 Annual RESNA Conference, June 1994

Research Symposium Chair: "Developments Towards a Direct Brain Interface to Control Assistive Technologies." 1995 Annual RESNA Conference, June 1995.

Student Scientific Paper Competition Chair, 1995 Annual RESNA Conference, June 1995

Student Scientific Paper Competition Chair, 1996 Annual RESNA Conference, June 1996

Student Scientific Paper Competition Chair, 1997 Annual RESNA Conference, June 1997

Session Chair: "Clinical Considerations with Powered Wheelchairs." Dundee '97 International Conference on Wheelchairs and Seating, September 1997.

Session Chair: "Direct Brain Interface Developments for Control of Assistive Technologies." Neural Prosthetics 2000 Conference, June 2000.

Session Chair: "Human Computer Interaction." RESNA Annual Research Symposium: "Ergonomics: An Emerging Technology for Increasing Participation in Education, Employment, and Independent Living," RESNA Annual Conference, June 2000.

Faculty/Panel Moderator: "Ergonomics And Prevention of Disability Due to Musculoskeletal Disorders: A State-of-The-Science Symposium," 45th Annual Meeting of the Human Factors Engineering Society, October, 2001.

Session Moderator: "Spikes versus Field Potentials in BCI Research and Development," Second International Meeting for Brain-Computer Interfaces for Communication and Control, June, 2002.

GRANT SUPPORT *[Direct Costs for total period shown in brackets]*

CURRENT GRANT SUPPORT

- 2008-2010 Co- Investigator (5%), National Institute of Health, Grant # 1 R21 HD54697-01A1: "Brain Computer Interfaces for the Operation of Commercial Assistive Technology," PI: Jane Huggins, [\$390,987]
- 2008-2010 Consultant, National Institute of Health, Grant # 1R21HD054913-01A2: "Tilt/Recline Adjustment by Subjects with ALS using Brain Computer Interfaces," PI: Jane Huggins, [\$410,183]

PAST

- 2001-2008 Principal Investigator (30%), National Institute of Health, Grant # 8 R01 EB002093: "Direct Brain Interface Based on Event Detection in ECoG." [\$1,790,328]
- 2004-2006 Administrative Supplement to National Institute of Health, Grant # 8 R01 EB002093: "Direct Brain Interface Based on Event Detection in ECoG." [\$198,003]
- 1998-2003 Co-Principal Investigator (15%), National Institute on Disability and Rehabilitation Research, Rehabilitation Engineering Research Center, Grant # H133E980007: "Ergonomic Solutions for Employment." PI: T. Armstrong (IOE). [\$2,632,000]
- 1997-2001 Principal Investigator (20%), National Institute on Disability and Rehabilitation Research/Field Initiated Research Project, Grant # H133G701320: "Direct Brain Interface for the Control of Assistive Technologies." [\$374,896]
- 1996-2001 Investigator (5%), National Institute of Health National Research Awards for Institutional Training Grants: "The University of Michigan Medical Rehabilitation Research Training Program." PI: D. Tate (PM&R). [\$683,487]
- 1997-1998 Co-Project Director, Michigan Department of Education Tech 2000 Project: "Washtenaw County Assistive Technology Council." [\$16,055]
- 1993-1998 Co-Investigator, National Institute on Disability and Rehabilitation Research: "The UMMC/MSU/AACIL Rehabilitation Research Training Program". [853,000]
- 1996-1997 Co-Project Director, Michigan Department of Education Tech 2000 Project: "Washtenaw County Assistive Technology Council." [\$21,000]
- 1995-1996 Co-Project Director, Michigan Department of Education Tech 2000 Project: "Washtenaw County Assistive Technology Council." [\$10,000]
- 1994-1995 Co-Project Director, Michigan Department of Education Tech 2000 Project: "Washtenaw County Assistive Technology Council." [\$13,000]
- 1991-1994 Principal Investigator, Veterans Administration Rehabilitation Research and Development Service: "The NavChair Control System for Automatic Assistive Wheelchair Navigation". [377,000]
- 1991-1992 Principal Investigator, Univ. of Michigan Research Partnership Program: "Validation of User Performance Modeling with Augmentative Communication Systems for Disabled People." [\$23,000]
- 1989-1991 Principal Investigator, Veterans Administration Rehabilitation Research and Development Service: "Mobile Autonomous Robot Base for Rehabilitation Applications". [\$110,000]
- 1989-1990 Project Director, World Health Organization: "Training in Biomedical and Rehabilitation Engineering". [\$26,100]
- 1986-1990 Principal Investigator, Veterans Administration Rehabilitation Research and Development Service: "Functional Electrical Stimulation for the Prevention of Pressure Sores." \$231,250]

- 1987-1990 Co-Principal Investigator, Robert Wood Johnson Foundation Grant: "Improving the Functioning of Cognitively Impaired Patients Using a Computerized Cognition Orthosis". [\$136,514]
- 1988-1989 Principal Investigator, Michigan Consortium for Enabling Technology Grant: "Graduate Student Internship in Rehabilitation Robotics". [\$10,000]
- 1988-1989 Co-Principal Investigator, University of Michigan Medical Center and College of Engineering Pilot Project: "Mobile Robotics for Computerized Task Guidance" [\$50,000]
- 1988 Principal Investigator, Michigan Consortium for Enabling Technology Grant: "Rehabilitation Engineering Internship ". [\$7,000]
- 1987-1988 Principal Investigator, Kenny Michigan Rehabilitation Foundation: "Rehabilitation Engineering Internship Program". [\$6,500]
- 1987-1988 Consultant (surface EMG measurement), National Institute of Mental Health: "EMG Monitoring of Cognitive Reactivity in Depression".
- 1986-1987 Principal Investigator, University Space Research Association - Division of Space Biomedicine, NASA Johnson Space Center: "Functional Electrical Stimulation for the Prevention of Muscle Atrophy and Bone Demineralization in Micro-G Environments". [\$13,500]
- 1986-1987 Co-Principal Investigator, University of Michigan Biomedical Research Grant: "Computerized Cueing to Aid Cognitively Impaired Individuals". [\$4,500]
- 1985-1986 Principal Investigator, Veterans Admin. Rehabilitation Research and Development Pilot Grant: "Functional Electrical Stimulation for the Prevention of Pressure Sores." [\$70,265]
- 1983-1985 Co-Principal Investigator, Kenny Michigan Foundation Grant: "The Microcomputer as an Orthotic Device for Cognitive Disorders". [\$47,650]
- 1979-1985 Investigator (surface EMG measurement), National Institute of Mental Health: "Psycho-Motor Regulation in Affective Disorders."
- 1981-1983 Project Director, National Institute of Handicapped Research, Rehabilitation Engineering Center: "Improving Personal Licensed Vehicles and Transportation for the Handicapped". [\$39,445]
- 1981-1982 Principal Investigator, Kenny Michigan Foundation Grant: "Development of Rehabilitation Engineering Therapy Techniques". [\$10,750]
- 1979-1981 Project Director, National Institute of Occupational Safety and Health Grant: "Electromyographic and Neurologic Effects of Mercury Exposure". [\$88,879]
- 1979-1981 Principal Investigator, Kenny Michigan Foundation: "Motor Nerve Conduction Velocity Distribution in Human Peripheral Nerves". [\$32,625]

HONORS & AWARDS

2004	Keynote Presentation: 2cnd International BCI Workshop, Graz, Austria
2002	Course Faculty: Graz BCI Training Course, University of Technology, Graz, Austria
2001	Certificate of Appreciation, Rehabilitation Engineering Society of North America
2001	Annual Visiting Scholar, Dept. of Rehab. Science and Technology, Univ. of Pittsburgh
2000	Fellow, Rehabilitation Engineering and Assistive Technology Society of North America
2000	Mentor Award, Rehabilitation Engineering Society of North America
2000	Fellow, American Institute for Medical and Biological Engineering
1998	Distinguished Service Award, Rehabilitation Engineering Society of North America
1997	Outstanding Professional Research Article for 1996: "Effect of a Word Prediction Feature on User Performance." Augmentative and Alternative Communication
1996	Certificate of Appreciation, Rehabilitation Engineering Society of North America
1996	Technology Transfer Award, University of Michigan
1992	Distinguished Service Award, Rehabilitation Engineering Society of North America
1991	Listing in 2,000 Notable American Men (American Biographical Institute, Inc.)
1990, 1991	Listing in Who's Who Among Young Americans (Citation Directories, Ltd.)
1989	Leadership Award, Dept. of Physical Medicine and Rehabilitation, Univ. of Michigan
1985	Listing in Who's Who in Rehabilitation (Marquis Who's Who, Inc.)
1982	Michigan Quest for Technology Award, University of Michigan
1980	Distinguished Achievement Award, Bioengineering Program
1977	Tau Beta Pi (Engineering Honor Society)
1974-1977	NIH Traineeship, Bioengineering Program, University of Michigan
1973-1974	Teaching Fellowship, Mathematics Department, University of Michigan
1973	Phi Beta Kappa (Honor Society)
1973	Pi Mu Epsilon (Mathematics Honor Society)
1973	B.A. - Magna Cum Laude, Departmental Highest Honors
1969-1973	Dean's Honor List, UCLA (5 terms)

PROFESSIONAL SOCIETIES

1980-present	RESNA, Rehabilitation Engineering Society of North America
1991-present	Research Committee
1995-2000	Elected Member, Board of Directors
1991- 2000	Awards Committee
1996-1998	Member (Committee Chair), Board of Directors
1994-1996	Chair, Professional Specialties Committee / Member Board of Directors
1994-1997	Chair, Student Scientific Paper Awards
1989-1991	Quality Assurance Committee
1988-1991	Chair, Rehabilitation Engineering Professional Specialty Group
1986-1988	Industrial Relations Committee
1986-1988	Chair, Membership Committee / Member, Board of Directors
1986-1987	Co-chairman, Electrical Stimulation Special Interest Group
1983-present	Institute of Electrical and Electronic Engineers
1983-present	IEEE Engineering in Medicine and Biology Society
1986-1988	Chairman, Rehabilitation Engineering Committee
1983-1998	American Congress of Rehabilitation Medicine
1983-1985	American Association for the Advancement of Science
1983-1984	American Association of University Professors
1973	Mathematical Association of America

TEACHING ACTIVITIES (Summary Listing)

Current

Biomedical Engineering Graduate Student Advisor and Mentor (over 65 BME Masters and 10 Ph.D. students)
Lectures in Biomedical Engineering 530: "Rehabilitation Engineering and Technology I"
Lectures in Physical Medicine and Rehabilitation 510: "Disability and Rehabilitation Methods"
Director, Physical Medicine and Rehabilitation 539: "Rehabilitation Engineering Clinical Internship"
Physical Medicine and Rehabilitation Resident Lectures
Physical Medicine and Rehabilitation Medical Student Lectures
Biomedical Engineering Graduate Student Counseling
Bioengineering 590, Directed Research
Lectures in Biomedical Engineering/Applied Mechanics 495, "Introduction to Bioengineering"
Lectures in Biomedical Engineering 890, "Bioengineering Seminar"
Supervision of Rehabilitation Engineering Clinical Training (1 and 2 year Internships)
Undergraduate Counseling for Students Interested in Rehabilitation Engineering
Project Supervision for Mechanical Engineering 460, "Mechanical Design II" (project based course)

Past

Course director and founder of Biomedical Engineering 530: "Rehabilitation Engineering and Technology I"
Course co-director and founder of Physical Med. and Rehab. 510: "Disability and Rehabilitation Methods"
"Electrical Engineering and Computer Science 499, Directed Studies
Electrical Engineering and Computer Science 599, Directed Research
Mechanical Engineering 490, Directed Studies
Engineering 490, Directed Studies: "Introduction to Assistive and Rehabilitation Technologies"
Graduate Teaching Assistant, Mathematics Department (1973-1975, University of Michigan)
Teaching Assistant; Mathematics Department, (1971-1973, UCLA)

Ph.D. Committees

2004-present	Ph.D. Dissertation Committee Co-Chair: Reinhold Scherer - Tech. Univ. Graz, Austria
2002-present	Ph.D. Dissertation Committee Co-Chair: Jyotsna Vaideeswaran, Electrical and Computer Engineering
2000-2002	Ph.D. Dissertation Committee Co-Chair: Bernhard Grayman - Tech. Univ. Graz, Austria
1997-2001	Ph.D. Dissertation Committee: Robert Feyen - Industrial and Operations Engineering
1997-2000	Ph.D. Dissertation Committee Co-chair: Mitch Rohde - Biomedical Engineering
1992-1997	Ph.D. Dissertation Committee Chair: Richard Simpson - Biomedical Engineering
1991-1997	Ph.D. Dissertation Committee Chair: Jane Horner Huggins - Biomedical Engineering
1992-1994	Ph.D. Pre-Candidate Graduate Advisor: Robert Feyen - Bioengineering
1991-1994	Ph.D. Dissertation Committee Co-Chair: David Bell - Mechanical Engineering
1990-1994	Ph.D. Dissertation Committee Chair: Heidi Horstmann Koester - Bioengineering
1989-1991	Ph.D. Pre-Candidate Graduate Advisor: Ulrich Raschke - Bioengineering
1985-1989	Ph.D. Dissertation Committee Chair: Ronald Kett

COMMITTEE AND ADMINISTRATIVE SERVICES

MEDICAL SCHOOL

1992-1993 Graduate Education: Interdisciplinary Programs/Training Programs
1985-1988 Computer Advisory Committee.
1985-1987 Research Computing Task Force.
1985-1989 University of Michigan Medical Center - Network Coordinating Committee.

Department of Physical Medicine and Rehabilitation

1983-present Director, Rehabilitation Engineering Program/Rehabilitation Technology Services
1983-present Director, Rehabilitation Engineering Clinical Training Program
1989-present Research Advisory Committee
1983-present Operations Council
1991-2001 Appointments Promotions and Tenure Committee, (Chair, 1991-1998)
1990-1996 Faculty Recruitment Committee
1990-1991 Internal Review Committee
1983-1984 Internal Review Committee.

Department of Biomedical Engineering (Graduate Bioengineering Program until 1998)

1985-present Graduate Rehabilitation Engineering Option Advisor
1985-1999 Graduate Education and Curriculum Committee
1990-1995 Faculty/Student Liaison Committee

U.S. PATENTS AND COPYRIGHTS

S.P. Levine: "Functional Electrical Stimulation for Pressure Sore Inhibition", U.S. Patent # 4,727,878. 1988,
Assigned to the Regents of the University of Michigan.
J. Borenstein, Y. Koren, S.P. Levine: "Obstacle-Avoiding Navigation System", U.S. Patent # 5,006,988, 1991,
Assigned to the Regents of the University of Michigan.
D.A. Bell, L.E. Bell, S.P. Levine, Y. Koren: "Method and Apparatus for Adaptive Control of Human-Machine
Systems Employing Disturbance Response." U.S. Patent #5,555,495, 1991.
L.A. Jaros, N.L. Kirsch, S.P. Levine: "COGORTH: Cognition Orthosis Programming Language",
Copyright 1986, Assigned to the Regents of the University of Michigan.
L.A. Jaros, S.P. Levine, J.W. Albers: "EMGPRO: Professional Electromyography Reporting System",
Copyright 1989, Assigned to the Regents of the University of Michigan.

EXTRAMURAL INVITED PRESENTATIONS, COURSES AND WORKSHOPS

1. S.P. Levine: "Determination of Motor Nerve Conduction Velocity Distribution - A Computer Simulation Model of the Antidromic Blocking Technique". Workshop on Estimation and Clinical Applications of Nerve-Bundle Conduction Velocity Distributions, Palo Alto VA Medical Center, Palo Alto, California, July, 1979.
2. S.P. Levine: "Measurement of Conduction Velocity Distribution in Human Peripheral Nerves". Second Annual James W. Rae Scientific Day and Lecture, University of Michigan Medical Center, Ann Arbor, Michigan, June 1980.
3. J.W. Albers, L.A. Jaros, S.P. Levine: "An Animated Model of Nerve Propagation: Results Expected from Electrodiagnostic Evaluation of Polyneuropathy". Video tape, Fourth Annual Continuing Education Course, American Association of Electromyography and Electrodiagnosis, Portland, Oregon, Oct., 1981.
4. S.P. Levine, C.A. McCullough, T.M. Cole: "Engineering Therapy: A Case Report": Fourth Annual Conference on Rehabilitation Engineering, Washington D.C., September 1981. (Published Conference Paper #1)
5. J.W. Albers, L.A. Jaros, S.P. Levine: "An Animated Model of Nerve Propagation: The Role of Electrodiagnosis in Predicting Outcome Following Nerve Injury". Video tape, Thirty-Third Annual Meeting - American Academy of Neurology, Toronto, Ontario, April, 1981.
6. S.P. Levine: "Powered Wheelchair Mobility", "Microcomputer Fundamentals", "Speech Synthesis". Rehabilitation Engineering Courses, Oakland County School Systems, Oakland, Michigan, December, 1982.
7. S.P. Levine: "Functional Assessment of the Handicapped for Assistive Aids". 5th Annual Conference - IEEE Engineering in Medicine and Biology Society, 1983. (Published Conference Paper #4)
8. S.P. Levine, N.L. Kirsch, K. Kluin, E. Ledwon-Robinson: "Assessing the Neurologically Impaired Patient: Cognitive Deficits, Communicative Disorders, Behavioral Changes and Technological Needs". Second Annual Conference - Advances in Neuro-Critical Care Nursing, Ann Arbor, Michigan, March, 1984.
9. S.P. Levine, N.L. Kirsch, L.A. Jaros: "COGORTH: Cognition Orthosis Programming Language". Seventh Annual Conference - IEEE Engineering in Medicine and Biology Society, Chicago, Illinois, November, 1985. (Published Conference Papers #7)
10. S.P. Levine: "FES for the Prevention of Pressure Sores". Seventh Annual Conference - IEEE Engineering in Medicine and Biology Society, Chicago, Illinois, 1985. (Published Conference Paper #8)
11. S.P. Levine, N.L. Kirsch: "Computerized Compensatory Interventions for Patients with Traumatic Brain Injuries". New Medico Corporation, Lewis Bay Facility, South Bay, Massachusetts and Community Re-Entry Program at Highwatch Center, Ossippe, New Hampshire, April, 1986.
12. S.P. Levine: "Engineering and Technology for Increased Independence and Life Quality". National Conference on Technology and Aging, Worcester, Massachusetts, September, 1986.
13. S.P. Levine: "Rehabilitation Engineering". Michigan Rehabilitation Conference, Lansing, Michigan, October, 1986.
14. S.P. Levine: "Electrical Muscle Stimulation for Pressure Sore Prevention". National Institute on Disability and Rehabilitation Research: Workshop on Electrical Stimulation, Washington, D.C., October, 1986.
15. S.P. Levine, J.D. Noelke: "Electrical Muscle Stimulation for the Prevention of Muscle Atrophy and Bone Demineralization in Long-Term Exposure to Micro-G Environments", NASA Johnson Space Center, Houston, Texas, November, 1986.
16. S.P. Levine: "Rehabilitation Engineering: Development of Devices and Systems for the Disabled", Michigan Society of Clinical Engineers, Ann Arbor, Michigan, January, 1987.
17. S.P. Levine: "Computerized Task Guidance for the Cognitively Impaired". Symposium on Prospects for AI in the Treatment of Communication Disorders, Tenth Annual Conference on Rehabilitation Technology, Rehabilitation Engineering Society of North America, San Jose, California, June, 1987.

18. N.L. Kirsch and S.P. Levine: "Computerized Cognition Orthoses". Instructional Course, Tenth Annual Conference on Rehabilitation Technology, Rehabilitation Engineering Society of North America, San Jose, California, June, 1987.
19. R.L. Kett and S.P. Levine: "Impact of Muscle Stimulation and Tissue Deflection for Pressure Sore Prevention". 40th Annual Conference on Engineering in Medicine and Biology, Niagra Falls, New York, September, 1987.
20. S.P. Levine: "Electrical Muscle Stimulation for Pressure Sore Prevention". Annual Meetings of the American Academy of Physical Medicine and Rehabilitation, Orlando, Florida, October, 1987.
21. S.P. Levine: "Clinical and Research Developments in Rehabilitation Engineering and Technology". Vital Signs Seminar, University of Michigan, Ann Arbor, Michigan, April, 1988.
22. N.L. Kirsch, S.P. Levine, R. Lajiness, M. Mossaro, M. Schneider, J. Donders: "Improving Functional Performance with Computerized Task Guidance Systems." Third International Conference on Rehabilitation Technology, RESNA, Montreal, Quebec, June 1988. (Published Conference Paper #20)
23. S.P. Levine and Y. Koren: Intelligent and Mobile Robot Guidance System for Cognitively Impaired People. Conference on Intelligent Control to Aid Persons with Cognitive and Physical Disabilities, National Science Foundation, Bethesda, Maryland, February, 1989. (Published Conference Paper #24)
24. S.P. Levine: "Technology Service Delivery Strategies for Evaluating, Training, Followup, and Obstacle Handling", Michigan Consortium for Enabling Technology Conference - Enabling Technology: Accessibility and Utilization, Lansing, Michigan, April, 1989
25. S.P. Levine: "Project Workshop on the Development of an Infrastructure for Bioengineering in the U.S". Alliance for Engineering in Medicine and Biology/United States National Committee on Biomechanics, Arlington Virginia, August 1989.
26. S.P. Levine, J Borenstein, T.E. Pilutti, U. Raschke, Y Koren, S.L. BeMent, N.L. Kirsch: Semi-Autonomous Mobile Robot Platform for Rehabilitation Applications. International Advance Robotics Programme First Workshop on Domestic Robots and Second Workshop on Medical and Healthcare Robotics, Newcastle Upon Tyne, England, September, 1989. (Published Conference Paper #30)
27. S.P. Levine, R.L. Kett: "Tissue Shape and Deformation as a Characterization of the Seating Interface". 11th Annual International Conference of the IEEE Engineering in Medicine and Biology Society, Seattle, Washington, November, 1989. (Published Conference Paper #31)
28. S.P. Levine, J.E. Laird, N.L. Kirsch: "Expert Systems for Guidance of Cognitively Impaired People Performing Daily Living Activities". 11th Annual International Conference of the IEEE Engineering in Medicine and Biology Society, Seattle, Washington, November, 1989. (Published Conference Paper #32)
29. S.P. Levine: 1) "Rehabilitation and Technology Services for Handicapped People"; (2) "Mobile Robotics for Rehabilitation Applications", Northeastern Michigan Section, IEEE, Flint, Michigan, January, 1990.
30. N.L. Kirsch, R. Lajiness, S.P. Levine, M. Schnyder: "Performance of Functional Activities with the Aid of Task Guidance Systems". 18th Annual Meeting of the International Neuropsychology Association, Orlando Florida, February, 1990. (Published Abstract # 16)
31. S.P. Levine: Panel Participant, Workshop on Spinal Cord Injury Research Priorities. Rehabilitation Research and Development Service, Department of Veteran Affairs, LaJolla, California, March, 1990.
32. S.P. Levine: Mock Study Section Faculty, National Symposium on Rehabilitation Research Methods, Ann Arbor, Michigan, June, 1990.
33. S.P. Levine, J Borenstein, Y Koren: "Ultrasonic Sensor System for Mobile Robot Obstacle Avoidance and Navigation". 1990 International Conference on Rehabilitation Robotics, Wilmington, Delaware, June 1990. (Published Conference Paper #34)
34. S.P. Levine: Expert Panel Member, Statewide Video Teleconference on Enabling Technology: "Work Environments 2000", East Lansing, Michigan, October 1990.
35. S.P. Levine: "Investigation of Electrical Muscle Stimulation for Pressure Sore Prevention". BBI Conference on Innovative Wound Care Technologies, San Francisco, California, October, 1990.

36. S.P. Levine: "Development of a Computerized Activity Guidance Systems". Tolfa Corporation, Palo Alto, California, October, 1990.
37. S.P. Levine: Expert Panel Member, "Advising Your Client on Handicap Discrimination Issues: The Amended Michigan Handicapper Civil Rights Act and The Americans with Disabilities Act". The Institute of Continuing Legal Education, Grand Rapids/Southfield, Michigan, December, 1990.
38. S.P. Levine: Faculty, "The New State and Federal Handicap Discrimination Laws". Michigan Municipal League, Lansing, Michigan, January, 1991.
39. S.P. Levine: Mock Study Section Faculty, National Symposium on Rehabilitation Research Methods, Ann Arbor, Michigan, June, 1991.
40. S.P. Levine: "Performance Considerations in Accessing Assistive Technologies". New Medico Inc. - Future Trends in Head Injury Rehabilitation, Lansing Michigan, June, 1991
41. S.P. Levine: Expert Panel Presentation, "Planning for Change in the Assistive Device Arena", Third Annual Midwest RESNA Regional Conference, East Lansing, Michigan, October, 1991.
42. S.P. Levine: Expert Panel Presentation, "Current Developments in Communication Devices, FES, and Robotics", Third Annual Midwest RESNA Regional Conference, East Lansing, Michigan, October, 1991.
43. S.P. Levine: "The Performance Effects of Cognitive and Perceptual Requirements for Operation of Assistive Technologies". Wayne County Regional Education Service Agency, First Annual Assistive Technology: Opportunities for Individuals with Disabilities Conference, Detroit, Michigan, January, 1992.
44. S.P. Levine: "Counterpoint Presentation on Functional Tasks Restored in Paralyzed Man Using Electronic Orthotics". Controversies in Spinal Cord Injury Treatment and Rehabilitation, Dearborn, Michigan, March, 1992.
45. S.P. Levine: Expert Pannel Member, "Research Development in Medical Rehabilitation." American Congress of Rehabilitation Medicine 70th Annual Meeting, June, 1993.
46. S.P. Levine, D. Bell, L.A. Jaros, Y. Koren, J. Borenstein: "The NavChair: An Obstacle-Avoiding Wheelchair". Eleventh Annual James W. Rae Scientific Day and Lecture, University of Michigan Medical Center, Ann Arbor, Michigan, September, 1993.
47. S.P. Levine (Keynote Speaker): "Bioengineering and Computer-Assisted CNS Rehabilitation." Child Neurology Society Twenty Second Annual Meeting, Orlando, Florida, October, 1993.
48. S.P. Levine: "Rehabilitation Technologies" Thirty Years of Bioengineering at Michigan, Anniversary Biosymposium, Ann Arbor, Michigan, November, 1993.
49. S.P. Levine: "Potential Applications of EEG/ERP-Based Communication." 13th Annual Carmel Conference: EEG/ERP Based Brain-Computer Communication, Carmel, California, January, 1994.
50. S.P. Levine: "Rehabilitation Engineering Training Programs." 17th Annual RESNA Conference on Rehabilitation Technology, Nashville, June, 1994.
51. S.P. Levine: "The Future of Assistive Technologies." NIH Wordkshop on Behavioral Adaptation to the Use of Assistive Technology, Baltimore, Maryland, April, 1995.
52. S.P. Levine: "Wheelchair Control Devices: Present and Future" 57th Annual Assembly of the Amercian Association of Physical Medicine and Rehab., Orlando, Florida, November, 1995.
53. R. Simpson, S.P. Levine: "The NavChair Assistive Wheelchair Navigation System." Smart Wheelchair Exhibition, IJCAI-95, Montreal, August, 1995.
54. S.P. Levine, J.E. Huggins, S.L. BeMent, L. Schuh, R. Kushwaha, M. Rohde: "Toward a Direct Brain Interface Using Electrocortical Signals." 26th Annual Neural Prosthesis Workshop, NINDS/NIH, October, 1995.
55. R. Simpson, S.P. Levine: "The NavChair Assistive Wheelchair Navigation System.: Mobile Robot Exhibition, Thirteenth National Conference on Artificial Intelligence, Portland, August, 1996.

56. S.P. Levine, J.E. Huggins, S.L. BeMent, M. Rohde, R. Kushwaha, L. Schuh, D. Ross: "Direct Brain Interface for Control of Assistive Technologies." 27th Annual Neural Prosthesis Workshop, NINDS/NIH, October, 1996.
57. S.P. Levine: "Advances for Control of Wheelchairs and Other Assistive Technologies." Dundee '97 International Conference on Wheelchairs and Seating, Dundee, September, 1997
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OTHER PRESENTATIONS

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5. S.P. Levine, G.D. Cavender: "Early Detection of Subclinical Mercury Neuropathy". 6th International Congress of Electromyography, Stockholm, Sweden, June 1979. (Published Abstract #2)
6. S.P. Levine, J.L. Cockrell, H.F. Miller: "Prediction of the Excitation Site Resulting from Surface Electrical Stimulation of a Myelinated Nerve", 41st Ann. Ass. of Amer. Acad. of Phys. Med. and Rehab., 1979. (Published Abstract #3)
7. S.P. Levine, L.A. Jaros, J.L. Cockrell: "Estimation of Motor Nerve Conduction Velocity Distribution". Twenty Seventh Annual Meeting - American Association of Electromyography and Electrodiagnosis, Philadelphia, Pennsylvania, September 1980. (Published Abstract, #4)
8. J.W. Albers, C.A. Beals, S.P. Levine: "Neuromuscular Transmission in Patients with and without Penicillamine Treatment". 33rd Annual Meeting - American Academy of Neurology, Toronto, Ontario, April 1981. (Published Abstract #5)
9. S.P. Levine: "Rehabilitation Engineering: An Overview": Third Annual James W. Rae Scientific Day and Lecture, University of Michigan Medical Center, Ann Arbor, Michigan, June 1981.
10. S.P. Levine: "Clinical Services and Research on Devices for Disabled Individuals". Design That Enables Exhibit, University of Michigan School of Art, Ann Arbor, Michigan, December 1981.
11. S.P. Levine: "Rehabilitation Engineering at the University of Michigan Hospitals". Focus on Rehabilitation at The University of Michigan: Research Innovations and Program Perspectives, University of Michigan, Ann Arbor, Michigan, April 1982.
12. J.W. Albers, G.D. Cavender, S.P. Levine: "Sensorimotor Polyneuropathy in Workers Exposed to Elemental Mercury. Thirty-Fourth Meeting - American Academy of Neurology, Washington, D.C., April 1982. (Published Abstract #6)

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14. S.P. Levine, J.C.S. Perrin: "Custom Powered Wheelchair System for a Child with Four Extremity Reduction Malformations". 6th Annual Conference on Rehabilitation Engineering, San Diego, California, June 1983. (Published Conference Paper #2)
15. R.L. Kett, S.P. Levine, L.A. Jaros, M.A. Fenwick: "Assistive Device for Loading Floppy Disks into Apple II Disk Drives". 6th Annual Conference on Rehabilitation Engineering, San Diego, California, June 1983. (Published Conference Paper #3)
16. N.L. Kirsch, S.P. Levine, M. Fallon-Krueger, L.A. Jaros: "A Compensatory Microcomputer Intervention for Patients with Cognitive Limitations". Fourth International Symposium - Models and Techniques of Cognitive Rehabilitation, Indianapolis, Indiana, April 1984. (Published Abstract #9)
17. J.F. Greden, H.L. Price, N. Genero, M. Feinberg, S.P. Levine: "Facial EMG Levels Predict Outcome in Depression. 1984 American Psychiatric Association Annual Meeting, Los Angeles, California, May 1984. (Published Abstract, #10)
18. S.P. Levine, N.L. Kirsch, M. Fallon-Krueger, L.A. Jaros: "The Microcomputer as an "Orthotic" Device for Cognitive Disorders". Second International Conference on Rehabilitation Engineering, Ottawa, Ontario, Canada, June 1984. (Published Conference Paper #5)
19. S.P. Levine, N.L. Kirsch: "COGORTH: A Programming Language for Computerized Cognition Orthoses". 8th Annual Conference on Rehabilitation Technology, Rehabilitation Engineering Society of North America, Memphis, Tennessee, June 1985. (Published Conference Paper #6)
20. D.J. Koester, W.S. Jocz, K.D. Bui, (S.P. Levine): "Prosthetic Terminal Device for Playing the Piano". 8th Annual Conference on Rehabilitation Technology, Rehabilitation Engineering Society of North America, June 1986. (Published Conference Paper #7)
21. S.P. Levine, N.L. Kirsch, L.A. Jaros: "COGORTH: Cognition Orthosis Programming Language.". 7th Annual Conference - IEEE Engineering in Medicine and Biology, September 1985 and IEEE Transactions on Biomedical Engineering, October 1985. (Published Conference Paper #8)
22. S.P. Levine: "FES for the Prevention of Pressure Sores". 7th Annual Conference - IEEE Engineering in Medicine and Biology, September, 1985. (Published Conference Paper #9 and abstract #12)
23. S.P. Levine, F.M. Maynard, L.D. Bowers, R.L. Kett: "Dynamic Effects of Functional Electrical Stimulation for the Prevention of Pressure Sores". American Spinal Injury Association, Twelfth Annual Scientific Meeting, March 1986. (Published Abstract #13)
24. S.P. Levine, R.L. Kett, D.J. Koester, K.J. Khan: "Rehabilitation Engineering Rounds at the University of Michigan". Ninth Annual Conference on Rehabilitation Technology, Rehabilitation Engineering Society of North America, June 1986. (Published Conference Paper #10)
25. R.L. Kett, S.P. Levine, L.D. Bowers, S.V. Brooks, P.S. Cederna: "Dynamic Effects of Functional Electrical Stimulation on Seating Interface Pressure and Tissue Shape". Ninth Annual Conference on Rehabilitation Technology, Rehabilitation Engineering Society of North America, June 1986. (Published Conference Paper #11)
26. L.A. Jaros, R.L. Kett, S.P. Levine: "A Computer Interface for A Seating Pressure Evaluator". Ninth Annual Conference on Rehabilitation Technology, Rehabilitation Engineering Society of North America, June 1986. (Published Conference Paper #12)
27. K.J. Lee, A.M. Van Meter, R.L. Kett, S.P. Levine: "Communication System for a Severely Physically Handicapped Individual with Visual Impairment". Ninth Annual Conference on Rehabilitation Technology, Rehabilitation Engineering Society of North America, June 1986. (Published Conference Paper #13)
28. D.J. Koester, S.P. Levine, R.L. Kett, K.J. Kluin: "Self-Activated Talking Tracheostomy systems for Quadriplegics". Ninth Annual Conference on Rehabilitation Technology, Rehabilitation Engineering Society of North America, June 1986. (Published Conference Paper #14)

29. N.L. Kirsch, S.P. Levine: "The Microcomputer as a Cognition Orthosis". Braintree Hospital's 7th Annual Traumatic Brain Injury Conference. Boston, Massachusetts, October 1986. (Published Abstract #14)
30. S.P. Levine, L.A. Jaros: "A Single Switch Keyboard Emulator for the IBM-PC". 8th Annual Conference - IEEE Engineering in Medicine and Biology, November 1986. (Published Conference Paper #15).
31. R.L. Kett, S.P. Levine: "A Dynamic Model of Tissue Deflection in a Seated Individual". Tenth Annual Conference on Rehabilitation Technology, Rehabilitation Engineering Society of North America, June 1987. (Published Conference Paper #16).
32. S.P. Levine, R.L. Kett, B.A. Wilson, P.S. Cederna, M.D. Gross, J.E. Juni: "Ischial Blood Flow of Seated Individuals During Electrical Muscle Stimulation". Tenth Annual Conference on Rehabilitation Technology, Rehabilitation Engineering Society of North America, June 1988. (Published Conference Paper #17).
33. R.L. Kett, K.J. Lee, S.P. Levine, D.J. Davis: "An Adjustable Height Manual Wheelchair for a Vocational Application". Tenth Annual Conference on Rehabilitation Technology, Rehabilitation Engineering Society of North America, June 1987. (Published Conference Paper #18).
34. L.A. Jaros, S.P. Levine, A.M. Pancioli: "Altkey: A Special Inputs Program for the IBM-PC". Tenth Annual Conference on Rehabilitation Technology, Rehabilitation Engineering Society of North America, June 1987. (Published Conference Paper #19).
35. L.A. Jaros, S.P. Levine, R.L. Kett, D.J. Koester: "The Spiral Pressure Monitor". Third International Conference of the Association for the Advancement of Rehabilitation Technology and the 11th Annual Conference of the Rehabilitation Engineering Society of North America, Montreal, Canada, June 1988. (Published Conference Paper #21).
36. R.L. Kett, S.P. Levine, B.A. Wilson, M.D. Gross: "Ischial Blood Flow in the Skin of Seated Individuals During Electrical Muscle Stimulation". Third International Conference of the Association for the Advancement of Rehabilitation Technology and the 11th Annual Conference of the Rehabilitation Engineering Society of North America, Montreal, Canada, June 1988. (Published Conference Paper #22).
37. R.L. Nelson, R.L. Kett, S.P. Levine, D.J. Koester, L.A. Jaros: "Custom Molding of Seating and Positioning Components Using the Spiral Pressure Monitor". Third International Conference of the Association for the Advancement of Rehabilitation Technology and the 11th Annual Conference of the Rehabilitation Engineering Society of North America, Montreal, Canada, June, 1988. (Published Conference Paper #23)
38. R. Lajiness-Oneill, N.L. Kirsch, S.P. Levine: "Improving Functional Performance of Complex Activities Using Two Types of Interactive Cuing Systems". 50th Annual Assembly American Academy of Physical Medicine and Rehabilitation, Seattle, Washington, October, 1988. (Published Abstract #15).
39. N.L. Kirsch, M.Schneider, R. Lajiness, S.P. Levine: "Improving the Performance of Traumatically Brain Injured Adults on a Vocational Task Using Computerized Task Guidance". 7th Annual National Symposium of the National Head Injury Foundation, Atlanta, Georgia, November, 1988.
40. S.P. Levine, J Borenstein, U. Raschke, T.E. Pilutti, Y Koren, S.L. BeMEnt, N.L. Kirsch: "Mobile robot System for Rehabilitation Applications". 12th Annual Conference on Rehabilitation Technology, RESNA, New Orleans, Louisiana, June, 1989. (Published Conference Paper #25)
41. H.M. Finestone, S.P. Levine, K.A. Chizinsky, R.L. Kett: "Skin Temperature and Erythema after Prolonged Sitting in Spinal Cord Injured Individuals". 12th Annual Conference on Rehabilitation Technology, New Orleans, Louisiana, June, 1989. (Published Conference Paper #26)
42. H.M. Horstmann, R.L. Kett, S.P. Levine: "Integrating Voice Output with Standard Applications Using Commercial Software on the IBM PC". Proceedings of the 12th Annual Conference on Rehabilitation Technology, RESNA, p. 250-251, 1989. (Published Conference Paper #27)
43. K.A. Chizinsky, H.M. Horstmann, D.J. Koester, S.P. Levine: "Modification of a Proportional Joystick to Incorporate Accessory Switch Outputs". 12th Annual Conference on Rehabilitation Technology, New Orleans, Louisiana, June, 1989. (Published Conference Paper #28)

44. H.M. Horstmann, S.P. Levine: "Modelling of User Performance with Computer Access and Augmentative Communication Systems for Handicapped People". 11th Annual Meeting of the Cognitive Science Society, Ann Arbor, Michigan, August, 1989. (Published Conference Paper #29).
45. S.P. Levine, R.L. Kett: "Tissue Shape and Deformation as a Characterization of the Seating Interface". Annual Conference of the IEEE Engineering in Medicine and Biology, November, 1988. (Published Conference Paper #31).
46. S.P. Levine, J.E. Laird, N.L. Kirsch: "Expert Systems for Guidance of Cognitively Impaired People Performing Daily Living Activities". Annual Conference of the IEEE Engineering in Medicine and Biology, November, 1988. (Published Conference Paper #32).
47. J. Borenstein, S.P. Levine, Y. Koren: "The NavChair System - A New Concept in Intelligent Wheelchair Control". Fifth Annual Conference on Technology and Persons with Disabilities, California State University at Northridge, 1990. Published Conference Paper #33)
48. S.P. Levine, J. Borenstein, Y. Koren: "The NavChair Control System for Automatic Assistive Wheelchair Navigation". 13th Annual Conference on Rehabilitation Technology, RESNA, Washington D.C., June, 1990. (Published Conference Paper #35).
49. L.A. Jaros, S.P. Levine, J. Borenstein, T.E. Pilutti, U. Raschke: "Fail-Safe Features of a Mobile Robot Platform". 13th Annual Conference on Rehabilitation Technology, Washington D.C., June, 1990. (Published Conference Paper #36).
50. H.M. Horstmann, S.P. Levine: "The Effectiveness of Word Prediction". 14th Annual RESNA Conference on Rehabilitation Technology Kansas City, Missouri, June, 1991. (Published Conference Paper #37).
51. L.A. Jaros, U. Raschke, S.P. Levine, J. Borenstein: "Mobile Robot Platform Capable of Following a Human Companion". 14th Annual RESNA Conference on Rehabilitation Technology Kansas City, Missouri, June, 1991. (Published Conference Paper #38).
52. N.L. Kirsch, S.P. Levine, H.M. Horstmann: "The Effects of Cognitive Impairment on Performance with Assistive Technologies". RESNA International 92 Conference, Toronto Ontario, June, 1992. (Published Conference Paper #39).
53. H.M. Horstmann, S.P. Levine, N.L. Kirsch: "Learning and Performance with and without Word Prediction - Report on a Pilot Study". RESNA International 92 Conference, Toronto Ontario, June, 1992. (Published Conference Paper #40).
54. L.A. Jaros, D.A. Bell, S.P. Levine, J. Borenstein, Y. Koren: "NavChair: Design of an Assistive Navigation System for Wheelchairs". 16th Annual Conference on Rehabilitation Technology, RESNA, 1993. (Published Conference Paper #41)
55. D.A. Bell, S.P. Levine, Y. Koren, L.A. Jaros, J. Borenstein: "Shared Control of the NavChair Obstacle Avoiding Wheelchair". 16th Annual Conference on Rehabilitation Technology, RESNA, 1993. (Published Conference Paper #42)
56. D.F. Hilker, S.P. Levine, W. Waring: "A Model of Rehabilitation Engineering Services in an Acute Rehabilitation Setting". 16th Annual Conference on Rehabilitation Technology, RESNA, 1993. (Published Conference Paper #43)
57. J.E. Horner, R.G. Feyen, G. Ashlock, S.P. Levine: "Specialized Approach to Teaching Voice Recognition Computer Interfaces". 16th Annual Conference on Rehabilitation Technology, RESNA, 1993. (Published Conference Paper #44)
58. R. Simpson, R.G. Feyen, S.P. Levine: "Integrating a Stand-Alone and PC-Based Environmental Control System". 16th Annual Conference on Rehabilitation Technology, RESNA, 1993. (Published Conference Paper #45)
59. D.D. Channer, G. Ashlock, S.P. Levine: "A Communication System for a Non-Vocal Woman Who is Blind and Quadriplegic: A Case Study". 16th Annual Conference on Rehabilitation Technology, RESNA, 1993. (Published Conference Paper #46)

60. H.H. Horstmann, S.P. Levine: "Methodological Decisions in the Study of augmentative Communication Systems." 16th Annual Conference on Rehabilitation Technology, RESNA, 1993. (Published Conference Paper #47)
61. D.A. Bell, S.P. Levine, Y. Koren, L.A. Jaros, J. Borenstein: "An Identification Technique for Adaptive Shared Control in Human Machine Systems". Annual Conference of the IEEE Engineering in Medicine and Biology, November, 1993. (Published Conference Paper #48).
62. H.H. Koester, S.P. Levine: "A Model of Performance Cost Versus Benefit for Augmentative Communication Systems". Annual Conference of the IEEE Engineering in Medicine and Biology, November, 1993. (Published Conference Paper #49).
63. D.A. Bell, J. Borenstein, S.P. Levine, Y. Koren, L.A. Jaros: "An Assistive Navigation System for Wheelchairs Based Upon Mobile Robot Obstacle Avoidance." IEEE International Conference on Robotics and Automation, 1994. (Published Conference Paper #50).
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65. R. Simpson, S.P. Levine, D.A. Bell: "The Applicability of Neural Networks in an Autonomous Mode Selection System." 17th Annual Conference on Rehabilitation Technology, RESNA, June, 1994. (Published Conference Paper #52).
66. H.H. Koester, S.P. Levine: "The Effect of a Word Prediction Feature on Text Generation Rate." 17th Annual Conference on Rehabilitation Technology, RESNA, June, 1994. (Published Conference Paper #53).
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68. S.P. Levine, D.A. Bell, Y. Koren: "NavChair: An Example of a Shared Control System for Assistive Technologies." 4th International Conference on Computers of Handicapped Persons, Austrian Computer Society, September, 1994. (Published Conference Paper #55).
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73. H.H. Koester, S. P. Levine: "Simulations of User Performance with Word Prediction." 18th Annual Conference on Rehabilitation Technology, RESNA, June, 1995. (Published Conference Paper #60).
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75. S.P. Levine, D.A. Bell, Y. Koren, R. Simpson: "Automatic Adaption of a Wheelchair Control System to User Behavior." The Third European Conference on the Advancement of Rehabilitation Technologies, Lisbon, October, 1995. (Published Conference Paper #62).
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78. J. Huggins, S.P. Levine, S.L. BeMent, R.K. Kushwaha, L.A. Schuh, M.M. Rohde: "Detection of Event-Related Potentials as the Basis for a Direct Brain Interface." 1996 RESNA Annual Conference, Salt Lake City, June, 1996. (Published Conference Paper #65).
79. R. Simpson, S.P. Levine: "Adaptive Shared Control for an Intelligent Power Wheelchair." Thirteenth National Conference on Artificial Intelligence, Portland, August, 1996. (Published Conference Paper #66).
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