

KATHERINE D. SEELMAN, PhD
Professor Emerita, Rehabilitation Science, Univ of Pittsburgh

UPDATE (3.25.2021)

President, Vice President, Clairemont Condominium, Decatur, GA (June 2018--)

NIDILRR Rehabilitation Engineering Research Center on Aging (TechSage), Advisory Board, (2018--)

Shepherd Center. PICORI: Comparative Effectiveness of an Exercise Intervention Delivered via Telerehabilitation and Conventional Mode of Delivery. Advisory Board, Atlanta, GA (2018)

U.S. Food and Drug Administration Center for Devices and Radiological Health, Consumer Representative, 9-member Patient Engagement Advisory Committee (2017--)

disAbility Link (independent living center). Vice Chair, Member of the board of Directors, Tucker, GA (2016--)

Shepherd Center Institutional Review Board. (hospital, research and rehabilitation for spinal cord injury, traumatic brain injury, MS....). Member of IRB, Atlanta, GA. (2016--)

EDUCATION:

New York University, New York City, NY
Ph.D. in Public Policy (Science, Technology and Public Policy), (1975-1982)

New York University, New York City, NY
M.A. in Public Policy, (1964-1970)

Hunter College, New York City, NY
B.A. History, Political Science, (1960-1964)

APPOINTMENTS AND POSITIONS:

Academic

Professor Emerita, University of Pittsburgh, June 2016

School of Health and Rehabilitation Sciences (SHRS)
University of Pittsburgh, Pittsburgh, PA
Associate Dean of Disability Programs (ret.)
Professor of Rehabilitation Sciences and Technology, (2001 – June,2016)

Courses Taught:

Individual, Cultural and Social Experience of Disability (2001—2016, graduate level, 3 credits)
Ethics in the Health Professions (2002-2016, graduate level, 3 credits)

Adviser Students for Disability Advocacy University of Pittsburgh (inception in 2012-2016)

National Science Foundation Quality of Life Technology Engineering Center

Co-Research Director (2006 – 2012)

Senior Policy Director (2013-20015)

Center for Bioethics and Health Law

University of Pittsburgh School of Law

Secondary Appointment (2012–2016)

Health Policy Institute

University of Pittsburgh

Secondary Appointment (2012--2016)

Graduate School of Public Health (GSPH)

University of Pittsburgh, Pittsburgh, PA

Secondary Appointment, (2005 – 2016)

University Center for Social and Urban Research (UCSUR)

University of Pittsburgh, Pittsburgh, PA

Faculty Associate (2001-2016)

Xian Jiatong University, China

Adjunct Appointment, (2002-2010)

University Center for International Study

Faculty (2002-2016)

Government

U.S. Food and Drug Administration Center for Devices and Radiological Health, Consumer Representative, 9-member Patient Engagement Advisory Committee (2017--)

Institute of Medicine, National Academies of Science. Committee on Adult Hearing Health

Member (2015--2016)

U.S. National Council on Disability (Presidential appointment)

Vice Chair and Member (2014—2016)

National Institute on Disability and Rehabilitation Research (under President Clinton)

U.S. Department of Education, Washington, D.C.

Director, (1994 – 2001)

Administration on Developmental Disabilities (ADD)

U.S. Department of Health and Human Services, Washington, D.C.

Director, Program Development, (1993 – 1994)

National Council on Disability (NCD), (an independent federal agency)
Washington, D.C.
Research Specialist, (1989 – 1993)

Massachusetts Commission for the Deaf and Hearing (MCDHH), Boston, MA
Director, Public Education, (1986 – 1989)

AWARDS AND HONORS

University of Pittsburgh and the Board of Regents conferred title and status of Professor Emerita, June 2016

Pennsylvania Speech-Language-Hearing Association (PSHA) and the PSHA Honors Committee, Distinguished Service Award (April 2016)

The National Disability Mentoring Coalition. Inaugural Inductee Susan Daniels Disability Mentoring Hall of Fame (September 2015)

UCP/CLASS Community Hero Award (October 2015)

U.S. National Council on Disability (Presidential appointment April 2014--present)

World Health Organization Consultant, Hearing Devices Tech Transfer to Low and Middle Income countries, Geneva, Switzerland (March, 2013).

Health Minister of Taiwan Rehabilitation and assistive technology briefing (June 2012)

White House Briefing *World Report on Disability* (August, 2011)

United Nations, presentation of chapter in WHO/World Bank's first *World Report on Disability* (June 2011)

ACHIEVA Excellence in Professional Service Award (2010)

University of Pittsburgh Chancellor's Distinguished Public Service Award, (2007)

Senate of Pennsylvania, Special Recognition in honor of the University of Pittsburgh Chancellor's Distinguished Public Service Award, (2007)

Allegheny County Council Proclamation, (in honor of the University of Pittsburgh Chancellor's Distinguished Public Service Award), (2007)

Three Rivers Center for Independent Living (TRCIL), Disability Pride Award, (2006)

Allegheny County Council Proclamation for Accomplishments in Disability Community, (2006)

Pittsburgh Post-Gazette "People Who Made A Difference," for 2002, (2003)

Visiting Scientist, National Rehabilitation Center for Persons with Disabilities, Tokorozawa, Japan, (2003)

Isabelle and Leonard H. Goldenson Technology Award – United Cerebral Palsy Research and Education Foundation, (2002)

Commencement Address, Duquesne University,
John G. Rangos Sr. School of Health Sciences, (2001)

Visiting Prince Fellow – Rehabilitation Institute of Chicago, (2001)

Distinguished Public Service Award – American Academy of Physical Medicine and Rehabilitation (AAPM&R), (2000)

Distinguished Service Award – National Association of Rehabilitation Research and Training Centers, (2000)

Gold Key Award - 77th Annual Meeting of the American Congress of Rehabilitation Medicine (ACRM), (2000)

Leadership Award in Research and Training, Division 22, Rehabilitation Psychology, American Psychology Association, (2000)

Service Award - Association of Academic Physiatrists, (2000)

Who's Who in Health Care and Medicine, (2000)

Disability Achievement Award - Disability Forum, American Public Health Association, (1999)

Honorary Fellow - Rehabilitation Engineering and Assistive Technology Society of North America (RESNA), (1999)

Special Communication Access Award – Self-Help for Hard of Hearing People, (1998)

Commencement Address, University of Pittsburgh, School of Health and Rehabilitation Sciences, (1998)

Hall of Fame of the Alumni Association of Hunter College, Inductee, (1995)

National Council on Disability Service Award, (1992)

Mary E. Switzer Distinguished Fellowship, (1985)

National Science Foundation- Assistantship, (1975)

Resources for the Future- Fellowship, (1974)

PUBLIC SERVICE:

International

Leave No-One Behind: Disability, SDGs and ICT, World Summit on the Information Society (WSIS) 2016 (organized by ITU, UNESCO, UNDP and UNCTAD), Geneva, Switzerland, May 2, 2016 (Presenter)

WHO Consultant hearing device technology transfer to Low and Middle-Income countries, Geneva, Switzerland, March, 2013. (Presenter)

Taiwan Rehabilitation Engineering and Assistive Technology 2012, Taipei, Keynote: June 2, 2012 International Disability Needs and Implications for Collaboration

Medical Device Innovation Center, Tainan, Taiwan, Presentation: June 4, 2012

National Taiwan University, Presentation: June 5, 2012

G3ict: The Global Initiative for Inclusive ICTs (A Flagship Advocacy Initiative for the United Nations Global Alliance for ICT and Development, Advisory Committee), (2010-)

History and Accomplishments of the U.S. Disability Civil Rights Movement. Korean National Assembly, Panelist, Seoul, Korea, (July 10, 2008)

World Health Organization, World Report on Disability and Rehabilitation nine-member International Editorial Board and chapter co-author, (2006-2011)

W3C WAI: Worldwide Web Consortium Web Accessibility Initiative (Group that develops accessibility guidelines for the Web)

World Bank Consultant – Disadvantaged Children and Children with Disabilities Study in Vietnam, (2002)

International Commission on Technology and Accessibility, Rehabilitation International (ICTA), Member, (2001-2008)

U.S. International Council on Disabilities, Board Member, (2001 –2008)

Chief Negotiator, U.S. (September 2000). India program for rehabilitation of disabled people. New Delhi and Jaipur, India

Advisor. (May 20, 1999). United Nations Preparatory Committee for the Special Session of the General Assembly on the implementation of the outcome of the world summit for social development and further initiation, New York

Delegate/Representative to US/EU (October 1998). Science & Technology agreement ratification, Brussels, Belgium

Co-Chair. (February 27-March 1, 1997). US-Japan Common Agenda Initiative on Educational Technology for the 21st Century, Hawaii

Women with Disabilities: An International Challenge. Issues for Disabled Women, Rajiv Gandhi Foundation, New Delhi, India. (November 25, 1994)

World Congress on Mental Retardation, New Delhi, India. (November 20, 1994)

Advisor. World Conference on Special Needs Education: Access and Quality, Salamanca, Spain. (June 7, 1994)

[Represented the United States in international forums in India, Israel, New Zealand, Spain, and the Republic of China.]

National

U.S. Food and Drug Administration Center for Devices and Radiological Health, Consumer Representative, 9-member Patient Engagement Advisory Committee (2017--)

Board, American Health Information Management Association Foundation (2013-2016)

Board, Disability Studies Quarterly (2013—20`4)

Mentor, Training in Grantsmanship for Rehabilitation Research (2012--)

Keynote address: Stigma and Social Policy: The Case of Students in higher education receiving public supports . University of Delaware conference Disability Disclosure in/and Higher Education, Oct. 25-27, 2013.

Co-chair U.S. Launch World Health Organization/World Bank's first *World Report on Disability*. September 12-13, 2011 Chrystal City, VA.

Faculty. National Institutes of Health: Enhancing Rehabilitation Research in the South (ERRIS) Workshop. The Boar's Head Inn, Charlottesville, VA, January 11-15, 2011.

National Broadband Plan Accessibility and Usability Recommendations: Broadband and Telerehabilitation. FCC National Broadband Plan Accessibility for People with Disability Conference, Washington, D.C. Martin Luther King Jr. Library. (2010)

American Association for the Advancement of Science Education and Human Resources Advisory Board for an NSF supported project entitled Integrating the Social, Behavioral, and Economic Sciences in AAAS Internet-based Educational and Career Resources. (2006-2007).

National Academy of Social Insurance (elected), (2005-present)

HHS Office of Disability: World Health Organization Report Presentation (2007)

Co-Chair – Research Committee, Atlanta Paralympics Games, (1996)

Assistive Technology Demonstration, White House Grand Foyer, Washington, D.C. (January 13, 1999)

Assistive Technology Demonstration model accessible home, Vice President's compound, Washington, D.C. (Summer 2000).

[National public service by virtue of employment/leadership includes: National Institute on Disability and Rehabilitation Research (NIDRR), U.S. Department of Education, Washington, D.C. *Director*, (1994 – 2001); Administration of Developmental Disabilities (ADD)

U.S. Department of Health and Human Services, Washington, D.C. *Director, Program Development*, (1993 – 1994); National Council on Disability (NCD), (an independent federal agency), Washington, D.C. *Research Specialist*, (1989 – 1993)]

Regional/State

American Civil Liberties Union, Pennsylvania State Board (elected), (2008 -2012)

Allegheny County Area Agency on Aging Advisory Board (appointment by Allegheny County Executive, (2007-present)

City-County Task Force on Disabilities, Pittsburgh/Allegheny County (appointment by Mayor of Pittsburgh and Allegheny County Executive), Member and Co-chair, (2006-2016)

- City County Task Force on Disability and Area Agency on Aging Advisory Board provides opportunities to connect local policy and service needs to my teaching of Disability Studies and Ethics, by hosting community leaders at SHRS; representatives from most of the major consumer and service organizations have lectured in SHRS classes.
- Participation in a 2010 public service announcement highlighting a current project to help make Pittsburgh a barrier-free city "Hospital Compliance Guidelines for Deaf, Deaf-Blind and Hard of Hearing Consumers in Accordance with the ADA." (*in development*)

WQED Community Board (public radio and TV) 2008--2014

Pennsylvania Senate Technology in Healthcare Working Group, (2005-2006)

Pennsylvania Rehabilitation Advisory Council (appointed by the Governor of the Commonwealth of Pennsylvania), (2004-2010)

Pennsylvania Department of Labor and Industry Advisory Committee for Persons who are Deaf and Hard of Hearing (appointed by the Governor of the Commonwealth of Pennsylvania), (2003-2009)

Enable America Town Meeting International Brotherhood of Electrical Workers/South Side

(May 24, 2005) (Helped to organize this conference on problems and barriers to employment for people with disabilities in Pittsburgh and throughout Southwest PA-- and how to begin to fix them through community-based cooperation.)

Consumer Health Coalition Board of Southwestern Pennsylvania, Board Member and Vice Chair, (2003-2007).

Community

Disability Link (independent living center). Member of the board, Tucker, GA (2016-)

Shephard Center. (hospital, research and rehabilitation for spinal cord injury, traumatic brain injury, MS....). Member of IRB, Atlanta, GA. (2016--)

WQED Community Board, Pittsburgh, PA (2008-2015)

United Cerebral Palsy of Pittsburgh, Board member (2007-2009)

City-County Task Force. on Disability, Member 2004—2016; co-chair 2010-2016)

UPMC Advisory Board on Disability (2011—2016)

Allegheny County Area Agency on Aging Advisory Board (2008—2016)

School of Health and Rehabilitation Sciences and community-based organizations. Provide linkages. On behalf of UMPC Center for Assistive Technology hosted the Area Agency on Aging's 52 program managers for training.

School of Health and Rehabilitation Sciences and federal and state resources (AAPD , FCC), Connect with local resources such as Hearing loss Association of Pittsburgh to assist in captioning issue ; PA Rehabilitation Council and Career Link to raise issues facing people with disabilities and employment.

School of Health and Rehabilitation Sciences, Bipartisan Meet the Candidates at SHRS; hosted PA Governor Ed Rendell.

Condominium Board member, 5859 Beacon Street, Pittsburgh, PA (elected) (2009-2016)

University/School/Department

Students for Disability Advocacy. The Disability Experience: State of Research, Scholarship and the Arts, Oct. 31-Nov. 1. (first Disability Studies conference at the University)

Students for Disability Advocacy, Advisor (2012--)

The Institute of Politics, University of Pittsburgh, presentation to Elected Officials Retreat (2008). Recognized by Institute of Politics as "someone who makes a contribution. "

Thornburgh Family Lecture Series- Disability Law and Policy, University of Pittsburgh School of Law and School of Health and Rehabilitation Sciences, (Founding Committee, 2005 – present). 2010: Andrew Imparato; 2009: Senator Tom Harkins; 2008: I. King Jordan, former president of Gallaudet University; 2007: Ruth Colker, Professor of Constitutional Law, Ohio State University; 2006: Judith Heumann; 2005: Professor Peter Blanck....

Convener and presenter. Accessibility in the Context of the United Nations Convention on the Rights of Persons with Disabilities: Transatlantic Perspectives. University of Pittsburgh, Pittsburgh, PA, (June 11-13, 2009). European Union Center of Excellence, University Center for International Studies

President of the Faculty, School of Health and Rehabilitation Sciences, University of Pittsburgh, (2009-2010)

University of Pittsburgh Faculty Senate Anti-Discriminatory Policies Committee, (2008)

Guidelines for Diversity Practice: Faculty, Staff and Students with Disabilities. All-Health Sciences Diversity Lecture Series. University of Pittsburgh, (May 19, 2009)

Psychosocial Preliminary Examination Committee, Rehabilitation Science PhD Program and Department of Rehabilitation Sciences and Technology, SHRS, University of Pittsburgh, (2007-present)

Sullivan Committee. (2004-2006). Mission: to attract and retain minority faculty in the Health Sciences. Committee generated report recommending establishing position of Assistant Vice Chancellor for Diversity for the Schools of the Health Sciences.

PROFESSIONAL AND SCIENTIFIC SOCIETIES

American Health Information Management Association

American Institutes for Research (AIR). Model Systems Knowledge Translation Center (MSKTC), Advisory Panel (2012-)

American Sociological Association. Member

On-line Ethics for engineering and research managed by the Center for Ethics Engineering and Society (CEES) at the National Academy of Engineering (NAE) member

George Mason University Advisory Board of the Center for the Study of Chronic Illness and Disability (2011-present)

G3ict Advisory Board (2010-)

Institute of Electrical and Electronic Engineering (IEEE Technology and Society) (2008-)

American Standards Institute Committee on Education, (2006 –)

American Telemedicine Association, member (2005 - present)

Society for Disability Studies, member; past Board Member)

Mitsubishi Electric America Foundation, Advisory Committee Member

Rehabilitation Engineering and Assistive Technology Society of North America (RESNA). Fellow. Member, former board member

National Board for Certification in Occupational Therapy, Inc. (NBCOT), Board Member, (2001 – 2012)

W3C Web Accessibility Committee, member (2001--).

PUBLICATIONS AND PAPERS:

Referred Articles and special issues (Print)

Seelman, KD., Clark, J. (2014). Co-editor special issue on Hearing Aid Technology Transfer to Low and Middle-Income Countries. *Disability and Rehabilitation: Assistive Technology*.

- Seelman, KD. (2014). Key Market and Policy factors in Hearing Aid Technology Transfer to Low and Middle Income (LMIs) Countries. *Disability and Rehabilitation: Assistive Technology*.
- Seelman, KD. US Telecommunication and Telerehabilitation Regulation: Sorting out the Pieces. *International Journal of Telerehabilitation*. vol. 1, (Spring, 2010).
- Seelman, KD. Telerehabilitation: Policy Issues and Research Tools. *International Journal of Telerehabilitation*. vol. 1, (Spring, 2009).
- Seelman, KD. (2008). Converging, Pervasive Technologies: Chronic and Emerging Issues and Policy Adequacy. *Assistive Technology* 20(3)/Fall 2008.
- Seelman, KD. Palmer, C.V., Ortman, A., Mormer, E. Guthrie, O., Miele, J. & Brabyn, J. (2008). Quality of Life Technology for Vision and Hearing Loss. *Engineering, Medicine, and Biology Magazine. IEEE Engineering* 27(2). March/April 2008.
- Seelman, KD. (2007). Trends in Disability: Transition from a Medical Model to an Integrative Model. *Encyclopedia of Special Education*.
- Seelman, KD. (Summer 2005). Universal Design and Orphan Technology: Do We Need Both? *Disability Studies Quarterly*, vol. 3(25).
- Seelman, KD., Brabyn, J., Ortman, A. and Palmer, C. (2006). Sensory Aids. *Encyclopedia of Bioengineering*, John Wiley & Sons, Inc., Hoboken, NJ.
- Seelman, KD. (2000). Science and Technology Policy: Is Disability a Missing Factor? *Assistive Technology*, vol. 12(2), pp. 144-153.
- Seelman, KD. (2000). Rehabilitation Science. *Technology and Disability*, IOS Press, vol. 12(2-3), pp. 77-83.
- Seelman, KD. (2001). Policy Challenges and Synthesis: Technologies for Successful Aging. White House Office of Science and Technology Policy, Oct. 4-5, 2000. Washington, D.C., *J Rehabil Res Dev*, vol. 28(1), S65-S67.
- Seelman, KD. (1999). Assistive Technology Policy: Aging with a Disability: Views from the National Institute on Disability and Rehabilitation Research. *Assistive Technology*, vol. 11(2), pp. 84-87.
- Seelman, KD. (20 May 2002). Meeting the Needs of People with Disabilities Through Federal Technology Transfer. U.S. House Committee on Science, Hearings on Assistive Technology, Washington: Government Printing Office, July 15, 1997. (Y4.SC12:105/26) House Committee of Science, Online, available: http://www.house.gov/science/seelman_7-15.html.
- Seelman, KD. and Sweeney, S. (20 May 2002). The Changing Universe of Disability. *American Rehabilitation*, vol. 21(3), pp. 2-13.

Seelman, KD. (1995), Physical Rehabilitation and Violence: Initiatives of the National Institute on Disability and Rehabilitation Research. *Journal of Health Care for the Poor and Underserved*, vol. 6(2), pp. 217-233.

Seelman, KD. and Levesque, CA. (Autumn-Winter, 1995). Rehabilitation Research: Its Beginnings and Ongoing Contributions. *American Rehabilitation*, vol. 21(3), pp. 31-36.

Seelman, KD. (1993). Assistive Technology Policy: A Road to Independence for Individuals with Disabilities. *Journal of Social Issues*, vol. 49(2), pp. 115-136.

Seelman, KD. (Winter 1993). Assessment of Public Policy and Technology: The Case of Older People with Hearing Impairment. *Technology and Disability*, vol. 2(1), pp. 34-42.

Seelman, KD. (n.d). Telephone Services and Equipment for Disabled People. *Rehab Brief*, vol. 10(3), pp. 1-4.

Seelman, KD. (Fall/Winter 1990). Communication Accessibility: A Technology Agenda for Deaf and Hard of Hearing People. *International Journal of Technology and Aging*, vol. 3(2), pp. 91-100.

Barnartt, SN., and Seelman, KD. (1988). A Comparison of Federal Laws Toward Disabled and Racial/ Ethnic Groups in the USA. *Disability, Handicap & Society*, vol. 3(1), pp. 37-47.

Seelman, KD. (1986). Current Status of Specialized Telephone Services and Equipment for Disabled People. *Hearing Rehabilitation Quarterly*, vol. 11(3).

Seelman, KD. (March 1984). Breaking Up is Hard on You: AT&T and the Public Face the Music. *Environment*, vol. 26(2), pp. 15-22.

Seelman, KD. (Summer 1980). Energy and Values: A New Challenge for Politics. *News for Teachers of Political Science*, vol. 26 pp. 2-4, American Political Science Association, Washington, D.C.

Seelman, KD. (1989). Energy, Ethics & Education. *Connexion*, vol. 7(4), pp. 6-7.

Proceedings of Conferences and Symposia (selected)

Seelman, KD, Kelleher, A. & Grindle, G.G. (2011). Social enablers and barriers to adoption of assistive robots: Case studies of the iBOT and PerMMA. 2010 Proceedings RESNA/Quality of Life Technology Symposium.

Seelman, KD. (2012). Advanced Technology for Disability and Health: Critical Pathways from Initial Vision and R&D to the End User. 2010 Proceedings Interagency Committee on Disability Research.

Seelman, KD. (October 21 – November 1, 2003). Trends in Rehabilitation and Disability: Transition from a Medical Model to an Integrative Model. Proceedings of the 26th National Rehabilitation Conference, Tokorozawa, Saitama, Japan.

Seelman, KD. (November 6, 2003). The Information Age: Participation Challenges and Policy Strategies to Include People with Disabilities. Proceedings of the World Health Organization Collaborating Centre Seminar: Creation of an Inclusive Society in and Advanced Information and Communications Society, Tokorozawa, Saitama, Japan.

Seelman, KD. (April 2002). Addressing and Enhancing Diversity in Academic Programs: Faculty, Students, and Clients with Disabilities. Proceedings of the Council of Academic Programs in Communication Sciences and Disorders (CAPCSD) 2002 Conference, Palm Springs, CA.

Seelman, KD., Rudney R. and Tewey, B. (2001). Disability Legislation Related to Assistive Technology in the United States: A Review and View of the Future, *Assistive Technology*, vol. 10, pp. 696-700. Marincek, C., Buhler, C., Knops, H., Andrich R., Eds, IOS Press, ISBN 1 58603 1953.

Seelman, KD. (1998). Disabilities New Paradigm: Implications for Assistive Technology and Universal Design. Improving the Quality of Life for the European Citizen: Technology for Inclusive Design and Equality, *Assistive Technology Research Series*, vol. 4, pp. 20-24. Porrero, IP and Ballabio, E., Eds, IOS Press.

Seelman, KD. (June 20, 1997). Communication and Technology: Women's Work. Proceedings of the International Leadership Forum for Women with Disabilities; Bethesda, MD., pp. 114-116.

Seelman, KD. (Sept. 19, 1996). Proceedings of the 18th World Congress of Rehabilitation International, New Zealand, pp. 89-94.

Book

Seelman, KD. Albrecht, G. and Bury, M., eds., (2001). *Handbook of Disability Studies*, SAGE Publications, Thousand Oaks, CA.

Book Chapters

Seelman, KD, Hartman, L, and Yu, Daihua (2013). When Cutting Edge, Technology Meets Clinical Practice: Ethical Implications of eHealth. In K. Pimple ED. *Emerging Pervasive Information and Communication Technologies (PICT): Ethical Challenges, Opportunities and Safeguards*. New York: Springer Publishing Company.

Seelman, KD (in press). Should Robots be Personal Attendants? ED: P. Block, D. Kasnitz, A. Nishida, N. Pollard. *Occupying Disability: Decolonizing Disability Community and Justice*. New York: Springer.

Seelman, KD (2013). Facilitators and Barriers to Technology Uptake: Organizational and Societal Perspectives. R. Schulz, ED. *Quality of Life Technology*. CRC Press.

Seelman, KD . (2013). Health Information Management and Rehabilitation: Moving toward an adequate ethical framework for Telerehabilitation. *Telerehabilitation*. New York: Springer Publishing Company.

Seelman, KD and Steinfeld, E. (2011) Chapter 6: Enabling Environments. *World Report on Disability*. Geneva: World Health Organization.

Seelman, KD and Collins, D. The History of Disability Rights and Military Conflict. In Pasquina, PF and Cooper, RA eds., *Army Warrior Transition Unit Handbook*. Washington, D.C. Borden Institute (Office of the Surgeon General).

Seelman, KD. (2008). Technology for Individuals with Disabilities: Government and Market Policies. In Helal, Al, Mokhtari, M. and Abdulrazak, B., *Smart Technology for Aging, Disability and Independence: Computing and Engineering Design and Applications*, John Wiley & Sons Wiley-Interscience, Hoboken, N.J.

Seelman, KD. (2006). Technology for Full Citizenship: Challenges for the Research Community. In Winters, J., et al eds., *Accessibility and Usability Considerations for Medical Instrumentation*, CRC Press Taylor and Francis, LLC, Boca Raton, FLA.

Seelman, KD., et al (2006). Telecommunications and Information Technology. In Cooper, R. Hobson, D. and Ohnabe, H. *Introduction to Rehabilitation Engineering and Assistive Technology*, Taylor & Francis, Abingdon, UK.

Seelman, KD. (2001). Science and Technology: Is Disability a Missing Factor? In Seelman, KD., Albrecht, G. and Bury, M. eds, *Handbook of Disability Studies*, SAGE Publications, Thousand Oaks, CA.

Published Abstracts

Seelman, KD. (August 1999). The New Paradigm of Disability: Psychological Perspectives. *Rehabilitation Psychology*, Heinemann, AW., Seelman, KD., Brown, M., Scherer, M. and Tate, D., vol. 44(3), pp. 287-298.

Seelman, KD. (1997). Collaboration in Assistive Technology: Intergovernmental and Private Sector Collaboration in: Advancement of Assistive Technology. Anogianakis, G., Buhler, C. and Soede, M. Eds., *Assistive Technology Research Series*, vol. 3, pp. 363, ISBN 90 5199 361 7.

Other Refereed Publications (online)

Seelman, KD. (May 20, 2002). IT R&D: Incorporating Accessibility for People with Disabilities. President's Information Technology Advisory Committee. National Coordination Office for Information Technology Research and Development, National Coordination Office for Information Technology Research, and Development. Available from <http://www.itrd.gov/ac/pitac-18may00/accessibility/assess-seelman.pdf>

Seelman, KD. (December 2000). Disability and Elderly: Public Policy Perspectives. University of Maastricht and IRV, The Netherlands. Available from <http://www.ncdr.org/archives/seelman/>

Seelman, KD. (November 28, 2000). Disability, Identity, and Citizenship: Is There a Contradiction? The Institute for Rehabilitation Research Hoensbroek, Universiteit Maastricht, Maastricht, The Netherlands. Available from <http://www.ncddr.org/archives/seelman>

Seelman, KD. (November 10, 2000). Health and Function at the Crossroads: Implementing the New Paradigm of Disability Research. Shepherd Center Research Day, Atlanta, GA. Available from <http://www.ncddr.org/archives/seelman>

Seelman, KD. (October 17, 2000). Disability Studies: A Global Perspective. U.S. Department of Education, National Press Club, Washington, D.C. Available from <http://www.ncddr.org/archives/seelman/>

Seelman, KD. (September 30, 1999). Issues/Challenges Facing Persons with Disabilities Pursuing Careers in Science, Engineering, And Technology. Commission on Advancement of Women and Minorities in Science, Engineering, and Technology. Available from <http://www.ncddr.org/archives/seelman/>

Seelman, KD. (September 30, 1999). Tech Act Project Directors Meeting. Available from <http://www.ncddr.org/archives/seelman/>

Seelman KD., Porrero, P. and Ballabio, E., eds. (1998). Disability's New Paradigm: Implications for Assistive Technology and Universal Design. Improving the Quality of Life for the European Citizen. European Union TIDE Conference, Helsinki, Finland, June 23 – 25, 1998. Technology for Inclusive Design and Equality, Assistive Technology Research Series, vol. 4, pp. 20–24. IOS Press. ISBN 90 5199 406 0. Available from <http://www.ncddr.org/archives/seelman/>

Seelman, KD. (April 25, 1998). Rehabilitation Science and Disability Studies into the 21st Century. Recognition Day, University of Pittsburgh, School of Health, and Rehabilitation Sciences. Available from <http://www.ncddr.org/archives/seelman/>

Seelman, KD. (March 8, 1998). Change and Challenge: The Integration of the New Paradigm of Disability into Research and Practice. Spring Conference, National Council on Rehabilitation Education Conference (NCRE), Vancouver, WA. Available from <http://www.ncddr.org/archives/seelman/>

Seelman, KD. (November 6, 1997). Critical Issues in Disability Statistics Policy. Speech to the Interagency Committee on Disability Research, Subcommittee on Disability Statistics. Available from <http://www.ncddr.org/archives/seelman/>

Seelman, KD. (April 6, 1997). Web Consortium Accessibility Project, Launch Meeting – Web Accessibility Initiative, Sixth International World Wide Web Conference, Santa Clara, CA. Available from <http://www.ncddr.org/archives/seelman/>

Seelman, KD. (October 30, 1996). Rehabilitation Engineering: Today's Solutions, Tomorrow's Challenges. Mary Switzer Lecture, Association of Schools of Allied Health Professions (ASAHP), Charleston, S.C. Available from <http://www.ncddr.org/archives/seelman/>

Seelman, KD. (February 1, 1996). Overview of the National Institute on Disability and Rehabilitation Research (NIDRR). National Academy of Sciences, Institute of Medicine, Committee on Assessing Rehabilitation Science and Engineering. Available from <http://www.ncddr.org/archives/seelman/>

RECENT PRESENTATIONS:

Seelman, KD (2015). Escaping the couch without slipping on the rug: The case for integrated health and social supports and services. Leadership Education in Neurodevelopmental Disabilities and Related Disorders (LEND). Keynote. April 22, 2015 in the Rangos auditorium at Children's Hospital.

Seelman, KD with Molinero, A. (2014). Justice and technology: The case of people with disabilities. LaRoche College. Ethics Consortium. May 2014.

Seelman, KD. (2013). Students with Disabilities in Higher Education: Welfare, Stigma Management, and Disclosure. University of Delaware. Oct. 25, 2013.

Seelman, KD. Trends in Assistive Technology. Taiwan Rehabilitation Engineering and Assistive Technology Association. Taiwan. June 2012.

Seelman, KD (Chair and presenter, September 12-13, 2011). U.S. Launch of the World Report on Disability. Crystal City Marriott, Arlington, VA.

Seelman, KD (Keynote, July 13, 2011). The Surgeon General's Call to Action to Improve the Health and Wellness of Persons with Disabilities 2005: A Perspective. State of the Science, Interagency Committee on Disability Research. Crystal City Marriott, Arlington, VA.

Seelman, KD. (2011). Bridges from Accessibility to Universal Design for People with Hearing Loss: Putting Together the Pieces. Keynote. Universal Design Conference. FICCDAT. Toronto, CA. June 6, 2011.

Seelman, KD (Jan. 11-15, 2011). Faculty NIH ERRIS Intensive Workshop on Grant Writing, Preparation, and Submission in Rehabilitation Research

Seelman, KD. (2010). The Last Mainstreaming Frontier: Science & Technology Policy for Persons with Disabilities. NCTI Innovation and Robotics: The Future of AT. James Madison Hotel, Washington, D.C. November 15, 2010.

Seelman, KD. (2010). Integrating Disability and Aging Information and Communication Technology Issues into national Science & Technology Infrastructures. G3ict. U.S. Department of State, Washington, D.C. November 15, 2010.

Seelman, KD. (2010). QoLT Research & Development at Carnegie Mellon University and the University of Pittsburgh. Yeoungnam University, Daegu, Korea. September 8, 2010

Seelman, KD. (2010). National Institute on Disability & Rehabilitation Research: Mission, Programs, and Rehabilitation Engineering Research Center Projects. Keynote. International Symposium of Rehabilitation Research. Seoul, Korea, September 9, 2010.

Seelman, KD. (2010). National Institute on Disability & Rehabilitation Research: Mission, Programs, and Rehabilitation Engineering Research Center Projects. Ministry of Health and Welfare. Seoul, Korea. September 9, 2010.

Seelman, KD. (2010). Assistive and Access Technology: Disability Research & Development in Natural Environments of Work, School, and Community. Seoul National University, Seoul, Korea. September 10, 2010.

Seelman, KD. (2010). Assistive & Access Technology: The Role of Occupational Therapy (OT). Korean Occupational Therapy Association. Seoul, Korea. September 11, 2010.

Seelman, KD. (2010). Ethical and Policy Implications for Advanced Rehabilitation Robotic Technology: The Case of PerMMA (Personal Mobility and Manipulation Appliances). RESNA QoLT Symposium. Red Rock_Casino, Spa and Resort, Las Vegas, Nevada, June 28, 2010.

Molinerio, A. & Seelman, KD. (2010). Assistive Technology Aesthetics: End User Representation in Design and Media Renditions, June 5, 2010. Society for Disability Studies. Temple University, Philadelphia, PA.

Seelman, KD. (2010). Advanced Technology for Disability and Health: Vision, Trends, Need and Examples. Interagency Committee on Disability Research (ICDR), ICDR Health, Disability and Technology Conference Doubletree Hotel Crystal City, Arlington, VA May 13-14, 2010.

Seelman, KD. (2010). International Health: World Health Organization's First Report on Disability. Interagency Committee on Disability Research (ICDR), ICDR Health, Disability and Technology Conference Doubletree Hotel, Crystal City, Arlington, VA May 13-14, 2010.

Seelman, KD. (2010). National Broadband Plan Accessibility and Usability recommendations: Broadband and Telerehabilitation. FCC National Broadband Plan Accessibility for People with Disability Conference, March 10, 2010, Washington, D.C. Martin Luther King Jr. Library.

Seelman, KD. (2010). The Case of PerMMA. Ethical Guidance for Research Applications of Pervasive and Autonomous Information Technology. March 3-4, 2010, Cincinnati, Ohio.

Seelman, KD. (2009). A Case Study: Enhanced health practices and functioning in lymphedema client using Telerehabilitation. Federal Communications Commission. Workshop on Disability. November, 2009.

Seelman, KD. (2009). Rehabilitation and Disability: Policy and Best Practices from World Health Organization and the United Nations. State of the Science Walter Reed Army Medical Center, September 25, 2009.

Seelman, KD. (2009). Convener and presenter. Accessibility in the Context of the United Nations Convention on the Rights of Persons with Disabilities: Transatlantic perspectives. June 11-13, 2009. University of Pittsburgh, Pittsburgh, PA.

Seelman, KD. (2009). Guidelines for Diversity Practice: Faculty, Staff, and Students with Disabilities. All-Health Sciences Diversity Lecture Series. University of Pittsburgh, May 19, 2009.

Seelman, KD. (2008). Telerehabilitation and Public Policy: The State of the Science and Policy Analysis.

Seelman, KD. Organizer/moderator, Telerehabilitation; State of the Science (virtual conference). University of Pittsburgh Rehabilitation Engineering Center on Telerehabilitation. November 21, 2008.

Seelman, KD. (July 10, 2008). U.S. Government: Rehabilitation Research and Development. National Rehabilitation Hospital, Seoul, Korea.

Seelman, KD. (July 10, 2008). History and Accomplishments of the U.S. Disability Civil Rights Movement. Korean National Assembly, panel. Seoul, Korea.

Seelman, KD. (July 8, 2008). Quality of Life Technology: Social Factors. Korean Institute of Science and Technology. Seoul, Korea.

Seelman, KD. (Keynote, July 8, 2008). Quality of Life Technology and Computing: Science for Everyday Living for People with Disabilities and Older Adults. Asia-Pacific Conference on Computer Human Interaction (APCHI2008). Seoul, Korea.

Seelman, KD. (Keynote, June, 30, 2008). The New Paradigm for Aging and Disability: Challenges for Innovation and Research and Development. 6th International Conference on Smart Homes and Health Telematics (ICOST). University of Iowa, Ames.

Seelman, KD. (November 19, 2007). Rehabilitation Counseling: Ethical Challenges. CIGNA Group Insurance, Pittsburgh, PA.

Seelman, KD. (September 19, 2007). World Report on Disability: Demographics and Policy. Office of Disability, U.S. Department of Health and Human Services, Washington, D.C.

Seelman, KD. (July 26, 2007). Disability and Diversity. Downstate Medical Center, Brooklyn, N.Y.

Seelman, KD. (February 16, 2007). Perspectives on *Deadly Medicine* and Related Contemporary Issues. The Andy Warhol Museum & University of Pittsburgh Presents Art, Science & Ethics Program Series with *Deadly Medicine: Creating the Master Race*, Pittsburgh, PA.

Seelman, KD. (December 8 2006). Continuum of Care and E-Accessibility. World Health Organization Department of Injuries and Violence Prevention, Disability and Rehabilitation Team, Geneva, Switzerland.

Seelman, KD. (October 5, 2006). Quality of Life Technology: Policy Context and Market Implications. Carnegie Mellon University, Pittsburgh, PA.

Seelman, KD. (May 15, 2006). Converging, Pervasive, Smart Technology: Is Policy Keeping Up? Assistive Technology Research Institute, College Misericordia, Dallas, PA.

Seelman, KD. (Summer, 2005), Keynote: Universal Design and Orphan Technology: Do We Need Both? Facilitates, Pennsylvania Association of Rehabilitation Facilities.

Seelman, KD. (February 25, 2005), EUCLID Seminary on Assistive Technology, February 25, 2005, University of Pittsburgh.

Seelman, KD. (June 4, 2004). The ICF Analytic Plan: A Reaction. 10th North American Collaborating Center Conference on the ICF, North American Collaborating Center, Halifax, Nova Scotia, Canada.

Seelman, KD. & Schmeler, M. (April 8, 2004). Conflict between U.S. Health and Disability Policies: Medicare and Assistive Technology. Health Policy Institute, Georgetown University, Washington, D.C.

Seelman, KD. (2004). Address to the Pennsylvania Academy of Audiology, Annual Convention.

Seelman, KD. (November 5, 2003). The Information Age: Participation Challenges and Policy Strategies for Inclusion of People with Disabilities. World Health Organization Center, National Rehabilitation Center, Tokorozawa, Japan.

Seelman, KD. (October, 31, 2003). International Trends in Disability: Transition from a Medical to an Integrative Model. Keynote, 26th National Rehabilitation Conference, Tokorozawa, Japan.

Seelman, KD. Moderator. (May 2, 2003). Key Disability Policy Issues: Accessibility, Attitudes, and Assistive Technology. Forum, Institute of Politics, University of Pittsburgh, Pittsburgh, PA.

Seelman, KD. & Mormer, E. (February 15, 2003). Hearing Assistance Technology. American Association for the Advancement of Science, Denver CO.

Seelman, KD. (Oct. 24, 2002). Disability Studies and the Disciplines: Bridges and Chasms. Invest in Abilities Week, University of Michigan, Ann Arbor, MI.

Seelman, KD. (October 17, 2002). Assistive Technology Outcome Measures: Their Fit for Clinical and Natural Environments. Keynote, Washington University, St. Louis, MO.

Seelman, KD. (October 4, 2002). A Short History of Functional Classification and Its Impact on Public Policy. UCLID Center Current Issues Seminar, Pittsburgh, PA.

Seelman, KD. (September 23, 2002). Adaptation to the Changing Disability Landscape: The Partnership Mix. Keynote, Pennsylvania Association of Rehabilitation Facilitates, State College, PA.

Seelman, KD. (June 8, 2002). Old Values and New Technology: Segregation and Its Aftermath. Keynote, Society of Disability Studies, Oakland, CA.

Seelman, KD. (November 14, 2001). Management and Policy Aspects of Health Care for People with Disabilities. Health Care Policy Institute, University of Pittsburgh, Pittsburgh, PA.

Seelman, KD. (October 2001). Disability and Public Policy in the United States. Chinese Association of Rehabilitation Medicine and Engineering, Beijing, China.

Seelman, KD. (October 2-4, 2001). Science and Technology Policy: Is Disability a Missing Factor? Australian Rehabilitation and Assistive Technology Association Conference (ARATA), Brisbane, Australia.

Seelman, KD. (October 2, 2001). Growth of International Cooperation in Rehabilitation and Assistive Technology: Advances, Challenges, and Strategies. Australian Rehabilitation and Assistive Technology Association Conference, Brisbane, Australia.

Seelman, KD. (December 2000). SIVA, Assistive Technology and Universal Design for Disabled and Elderly People. Milan, Italy.

Seelman, KD. (September 19-20, 2000). International Policy for Accessibility for Disabled and Elderly People. Asian Pacific Economic Committee (APEC) Workshop on Technology, Taipei, Taiwan.

Seelman, KD. Chief Negotiator, U.S. (September 2000). India program for rehabilitation of disabled people. New Delhi and Jaipur, India.

Seelman, KD. (March 1- April 1, 2000). Perspectives from the South: The NIDRR Model. The Future of Rehabilitation Research in Canada, Canadian Institutes of Health Research (CIHR) Conference, Toronto, Canada.

Seelman, KD. (May 28, 1999). Disability across the Disciplines. 12th Annual Meeting, Society for Disability Studies, Washington, D.C.

Seelman, KD. Advisor. (May 20, 1999). United Nations Preparatory Committee for the Special Session of the General Assembly on the implementation of the outcome of the world summit for social development and further initiation, New York.

Seelman, KD. Delegate. (April 28, 1999). Opening Address, Rehabilitation Science Issues in Graduate Education and Research, University of New York, Buffalo, NY.

Seelman, KD. Director (January 13, 1999). Assistive Technology Demonstration, White House Grand Foyer, Washington, D.C.

Seelman, KD. Delegate/Representative to US/EU (October 1998). Science & Technology agreement ratification, Brussels, Belgium.

Seelman, KD. (September 24, 1998). Emerging Technologies and the Future of Medical Rehabilitation. Kessler Institute, West Orange, N.J.

Seelman, KD. (August 15-18, 1998). Assistive Technology Applications. Central Remedial Clinic, Dublin, Ireland.

Seelman, KD. Chair. (June 26-30, 1998). 4th Annual Rehabilitation Engineering and Assistive Technology Society of North America (RESNA) Research Symposium, Minneapolis, MN.

Seelman, KD. (July 1997). International Panel of the Association for the Advancement of Assistive Technology in Europe (AAATE), Greece via remote video.

Seelman, KD. (April 6, 8, 1997). *Global Storytelling: Power Source for Creative Design of the GII*. World Wide Web Consortium, Santa Clara, CA.

Seelman, KD. Co-Chair. (February 27-March 1, 1997). *US-Japan Common Agenda Initiative on Educational Technology for the 21st Century*, Hawaii.

Seelman, KD. (March 11, 1996). *Quality of Life: The Dynamics of Disability and Universal Design*. National Academy of Sciences, American Institute on Medical and Biological Engineering (AIMBEE), Washington, D.C.

Seelman, KD. (October 24, 1995). *National Violence Prevention Conference*, American Disability Prevention and Wellness Association, Des Moines, IA.

Seelman, KD. (August 11, 1995). *Disability, Rehabilitation, and Psychology: Its Future Within the Federal Agenda*. American Psychological Association, New York, NY.

Seelman, KD. (July 17, 1995). *International Conference on the Education of the Deaf (ICED)*, Tel Aviv, Israel.

Seelman, KD. Chair (June 7, 1995). *Interagency Committee on Disability Research (ICDR) Public Hearing on Disability Research*, Committee on Labor and H. R., Dirksen Senate Office Building, Washington, D.C.

Seelman, KD. (June 6, 1995). *The Changing Demographics of Disability: A New Look*. Grantmaker Forum on Disability Policy, Washington, D.C.

Seelman, KD. (May 31, 1995). *Choice and Inclusion: Perspectives of Key Federal Agencies*. Annual Meeting, American Association on Mental Retardation, San Francisco, CA.

Seelman, KD. (April 21, 1995). *Panelist, Disability Consumer Market Development, Forum on Commercialization of Disability Technologies*, National Technology Transfer Center, Washington, D.C.

Seelman, KD. (March 17, 1995). *Disability Research and Service Delivery*. Council of State Administrators of Vocational Rehabilitation, Arlington, VA.

Seelman, KD. Panelist. (March 17, 1995). *A Platform for Action: Assuring the Future of Specialized Services*, American Foundation for the Blind, Arlington, VA.

Seelman, KD. Panelist. (March 12, 1995). *Disability: The Definitions debate – Why Does It Matter?* Annual Meeting, American Society on Aging, Atlanta, GA.

Seelman, KD. Panelist. (February 8, 1995). *Participatory Action Research: Implication of an Approach to Disability Research*. Panel on Research Methodology, Bethesda, MD.

Seelman, KD. (November 25, 1994). *Women with Disabilities: An International Challenge*. Issues for Disabled Women, Rajiv Gandhi Foundation, New Delhi, India.

Seelman, KD. (November 20, 1994). *World Congress on Mental Retardation*, New Delhi, India.

Seelman, KD. Advisor. (June 7, 1994). World Conference on Special Needs Education: Access and Quality, Salamanca, Spain

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