

JUDY R. DUBNO

Date: 28 January 2010

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Charleston, SC 29425-5500

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Citizenship: USA

EDUCATION:

1972, BS, City College of New York
1973, MS, Ithaca College, Ithaca, New York
1978, PhD, City University of New York, Graduate Center

SPECIALTY CERTIFICATION:

Certificate of Clinical Competence in Audiology,
American Speech-Language-Hearing Association, 1974

FACULTY APPOINTMENTS:

Postdoctoral Fellow, UCLA School of Medicine,
Division of Head and Neck Surgery, 1978-1980
Assistant Research Audiologist, UCLA School of Medicine,
Division of Head and Neck Surgery, 1980-1982
Adjunct Assistant Professor, UCLA School of Medicine,
Division of Head and Neck Surgery, 1982-1983
Assistant Professor in Residence, UCLA School of Medicine,
Division of Head and Neck Surgery, 1983-1988
Visiting Professor, Arizona State University,
Department of Speech and Hearing Sciences, 1/87-4/87
Associate Professor in Residence, UCLA School of Medicine,
Division of Head and Neck Surgery, 1988-1991
Associate Professor, Medical University of South Carolina,
Department of Otolaryngology and Communicative Sciences, 1991-1993
Professor, Medical University of South Carolina,
Department of Otolaryngology-Head and Neck Surgery, 1993-
Director of Research, 2006-
Member of Graduate Faculty, Medical University of South Carolina, 1996-
Professor, Medical University of South Carolina,
Department of Pathology and Laboratory Medicine, 2007-

EDITORIAL POSITIONS:

Associate Editor, *Journal of Speech and Hearing Disorders*, 1985-1989
Member, Editorial Board, *Journal of the American Academy of Audiology*, 1990-2000
Reviewer, *The Journal of the Acoustical Society of America*, 1984-
Reviewer, *Journal of Speech and Hearing Research*, 1984-
Reviewer, *Ear and Hearing*, 1986-
Reviewer, *Perception and Psychophysics*, 1990-
Reviewer, *American Journal of Audiology*, 1993-
Reviewer, *Hearing Research*, 1993-
Reviewer, *Archives of Otolaryngology-Head and Neck Surgery*, 1998-
Reviewer, *International Journal of Audiology*, 2003-
Reviewer, *Otology and Neurotology*, 2005-
Reviewer, *Brain Stimulation*, 2008-
Associate Editor, *Audiology & Neurotology*, 2009-

AWARDS AND HONORS:

Recipient of Grant Award, US Office of Education, Division of Education for the Handicapped, 1977
Named to Who's Who Among Students in American Universities and Colleges, 1978
National Research Service Award, Postdoctoral Fellowship, NIH, 1978-1980
Postdoctoral Research Award, American Speech-Language-Hearing Foundation, 1979
Full Member, Brain Research Institute, UCLA
Full Member, Sigma Xi, The Scientific Research Society
Special Achievement Award, PhD Alumni Association, City University of New York, Graduate School and University Center, 1991
Fellow, Acoustical Society of America, 1991
Invited Participant, NIH Director's Chairpersons Meeting, 1992
Fellow, American Speech-Language-Hearing Association, 1994
Editor's Award (Hearing), *Journal of Speech and Hearing Research*, 1996
Elected President of the Association for Research in Otolaryngology, 2000-2001
Elected Member, *Collegium Oto-Rhino-Laryngologicum Amicitiae Sacrum*, 2003
Elected to Executive Council, Acoustical Society of America, 2004-2007
Elected Vice President, Acoustical Society of America, 2009-2011

COMMITTEE MEMBERSHIP IN NATIONAL SCIENTIFIC SOCIETIES:

Association for Research in Otolaryngology:

Audit Committee, 1988, 1989
Long-Range Planning Committee, 1989-1993; Chair, 1993-1996
Ad Hoc Bylaws Committee, 1997-1998, 2002-2004
Physician Research Training Committee, 1997-2001
Ad Hoc Site Selection Committee, 1998-2001
Secretary-Treasurer (Elected), 1996-1999
President-Elect, 1999-2000; President, 2000-2001
Long-Range Planning Committee, 2001-2004; 2004-2007
Media Relations Committee, 2003-2007
Nominating Committee, 2008

American Academy of Otolaryngology-Head and Neck Surgery:

Scientific Fellow, 1996
Research Advisory Committee, 1996-2003
 Subcommittee on Liaison and Development, 1996-2002
 Subcommittee on Research Education, 1997-2003

Acoustical Society of America:

Speech Communication Technical Committee, 1987-1993
 Liaison to Committee on Membership, 1992-1993
Technical Program Organizing Committee, 1980, 1990, 2003
Committee on Tutorials, 1991-1994, 1994-1997
Nominating Committee, 1995
Member of Executive Council, 2004-2007 (Elected)
Audit Committee, 2006-2008; Chair, 2007-2008
Chair of Search Committee for Editor of *Acoustics Today*, 2005
Task Force on the ASA Mission, 2007-2008
Acoustical Society Foundation Transition Committee, 2008-2009
Steering Committee, College of Fellows, 2002-2010; Chair, 2008-2010
Committee on Special Prizes and Fellowships, 2009-
Ad Hoc Committee on Posters for Education, 2009-2010
Ad Hoc Innovation Committee, 2009-2010
Vice President-Elect, 2009-2010; Vice President, 2010-2011

American Speech-Language-Hearing Association:

Committee on Audiologic Evaluation, 1981-1984
Program Committee, Annual Convention, 1981, 1982, 1987, 1996
Research and Scientific Affairs Committee (RSAC), 1992-1994
Subcommittee of the RSAC and Publications Board, 1993-1994

American National Standards Committee:

Working Group on Speech Intelligibility, S3-WG36(2)
Working Group for the revision of ANSI S3.5-1969, "Method for Calculation of the
Speech Intelligibility Index", S3-WG79

EXTRAMURAL GRANTS (PRINCIPAL INVESTIGATOR):

NIH, National Institute on Deafness and Other Communication Disorders (NIDCD), “Auditory Analysis and Speech Recognition,” R01 DC00184, 12/01/81-06/30/11 (Total costs 7/01/06-6/30/11: \$1,551,250).

NIH (NIDCD), “Auditory Analysis and Speech Recognition,” R01 DC00184, ARRA Supplement, 7/17/09-6/30/11. (Total costs: \$137,625).

NIH (NIDCD), “Experimental and Clinical Studies of Presbycusis, Project 1: “Speech Understanding in Realistic Environments,” P50 DC00422, 8/1/08-7/31/13, Judy R, Dubno, PhD, Program Director. (Project 1 total costs: \$1,831,950).

NIH (NIDCD), “Experimental and Clinical Studies of Presbycusis,” P50 DC00422, ARRA Supplement, 7/17/09-6/30/11. (Total costs: \$348,432).

NIH (NIDCD), “Experimental and Clinical Studies of Presbycusis, Core A: “Administration,” P50 DC 00422, 8/1/08-7/31/13, Judy R. Dubno, Program Director (Core A total costs: \$584,275).

NIH (NIDCD), “Experimental and Clinical Studies of Presbycusis, Project 2: “Speech Understanding in Realistic Environments,” P50 DC00422, 7/1/02-6/30/08, Judy R, Dubno, PhD, Program Director. (Project 2 total costs: \$1,329,006).

NIH (NIDCD), “Experimental and Clinical Studies of Presbycusis, Core A: “Administration and Technology,” P50 DC 00422, 7/1/02-6/30/08, Judy R. Dubno, Program Director (Core A total costs: \$635,703).

NIH (NIDCD), “Symposia for Association for Research in Otolaryngology,” R13 DC00275, 9/1/99-8/31/04 (Total costs: \$187,081).

James E. and Pamela Knowles, “Knowles Fund for Hearing Research,” (No Grant Number), 6/1/00-5/31/04 (Total costs: \$15,000).

NIH, “Small Instrumentation Grant Program,” awarded through Dean’s Office, UCLA School of Medicine, 7/1/89-6/30/91. (Total costs: \$15,909).

NIH, National Institute of Neurological and Communicative Disorders and Stroke (NINCDS), Teacher-Investigator Development Award, “Speech Perception in Hearing-Impaired Listeners,” K07 NS00693, 4/1/82-3/31/87. (Total direct costs: \$222,500).

Deafness Research Foundation Research Grant, “Auditory Analysis and Speech Recognition,” 1/1/86-12/31/88. (Total costs: \$45,000).

EXTRAMURAL GRANTS (CO-INVESTIGATOR):

NIH (NIDCD), “Experimental and Clinical Studies of Presbycusis, Project 2: Neuroimaging of Age-Related Changes in Speech Recognition,” P50 DC00422, 8/1/08-7/31/13, Mark A. Eckert, PhD, Principal Investigator. (Project 2 total costs: \$2,009,136).

Deafness Research Foundation (DRF) Centurion Award, “Neural Changes Underlying Speech-Perception Training in the Aging Brain,” 1/1/10-12/31/10, Mark A. Eckert, PhD, Principal Investigator (Total Costs: \$50,000).

NIH (NIDCD), “Automated Hearing Tests,” 4/1/10-3/31/13, Robert H. Margolis, PhD, Principal Investigator (Total Costs: \$2,042,040; MUSC total costs: \$372,870). Role on Project: Co-Investigator and Principal Investigator of MUSC Subcontract. Pending.

NIH (NIDCD), “Multi-site Study of the Efficacy of Speech-Perception Training for Hearing-Aid Users,” 7/1/10-6/30/15, Charles D. Watson, PhD, Principal Investigator (Total Costs: \$2,300,108; MUSC total costs: \$300,640). Role on Project: Co-Investigator and Principal Investigator of MUSC Subcontract. Pending.

NIH (NIDCD), “Automated Test of Word Recognition – Phase II,” R42 DC 006509-02, 4/1/05-3/31/08, Robert H. Margolis, PhD, Principal Investigator (Total costs: \$749,988; MUSC total costs: \$181,784). Role on project: Co-Investigator and Principal Investigator of MUSC subcontract.

NIH (NIDCD), “Experimental and Clinical Studies of Presbycusis, Project 1: Individual Differences in Age-related Hearing Loss,” P50 DC00422, 7/1/02-6/30/08, John H. Mills, PhD, Principal Investigator. (Project 1 total costs: \$2,160,799).

NIH (National Center for Research Resources), “Renovation to Support Sensory Neuroscience Research,” C06 RR14516, 9/30/99-9/29/01, Rosalie K. Crouch, PhD, Principal Investigator. (Total funding: \$2,181,543).

NIH (NINDS), “An fMRI Study of Healthy Mothers Hearing Infant Cries,” R01 NS40259, 9/1/00-8/31/04, Jeffrey P. Lorberbaum, MD, Principal Investigator. (Total costs: \$464,750).

NIH (NIDCD), “Experimental and Clinical Studies of Presbycusis,” P50 DC00422, 7/1/97-6/30/02. John H. Mills, PhD, Principal Investigator. (Total direct costs: \$3,781,990).

NIH (NIDCD), “Experimental and Clinical Studies of Presbycusis,” P01 DC00422, 7/1/92-6/30/97. John H. Mills, PhD, Principal Investigator. (Total direct costs: \$4,062,242).

NIH, Office of Research on Women’s Health Supplement to “Experimental and Clinical Studies of Presbycusis,” P01 DC00422, 7/1/95-6/30/97. John H. Mills, PhD, Principal Investigator. (Total costs: \$100,000).

EXTRAMURAL GRANTS (CO-INVESTIGATOR), continued:

Associate Director, NIH (NIDCD), National Research Service Award, "Predoctoral and Postdoctoral Training Program in Developmental Neurology (Neurotology)," T32 DC 00008, 1981-1992, Vicente Honrubia, MD, Program Director, UCLA School of Medicine.

NIH (NINCDS), "Communicative Disorders Clinical Research Center-Vestibular," P01 NS09823, 1983-1988, Paul H. Ward, MD, Principal Investigator, UCLA School of Medicine.

EXTRAMURAL GRANTS (SPONSOR/MENTOR/COLLABORATOR):

NIH (NIDCD), "Auditory temporal processing in the aging ear and brain," K23 DC08787, 9/1/07-8/31/12, Kelly C. Harris, PhD, Candidate (Total costs: \$621,232). Role on project: Mentor.

NIH (Clinical Research Loan Repayment Program), "Studies of Cortical Evoked Potentials in Aging Human Subjects," L30 DC 007042, 7/1/04-6/30/06; extended to 6/30/08 and 6/30/10; Kelly C. Harris, PhD, Principal Investigator. Role on project: Research Supervisor.

NIH (NIDCD), "Genotype-phenotype relationships in auditory neuropathy," K23 DC008837, 9/1/07-8/31/12, Christina Runge-Samuels, PhD, Candidate (Total costs: \$913,437). Role on project: External Review Committee.

NIH (NIDCD), "Spectro-temporal Processing of Speech by Normal and Impaired Listeners," R01 DC008594, 7/1/07-6/30/12, Eric W. Healy, PhD, Principal Investigator (Total costs: \$1,440,000). Role on project: Consultant.

NIH (NIDCD), "Effects of Sensorineural Hearing Loss on Robust Speech Coding," R01 DC009838, 9/18/09-8/31/14, Michael G. Heinz, PhD, Principal Investigator (Total direct costs: \$1,250,000). Role on project: Consultant.

NIH (NIDCD), "Telephone screening test for hearing using three-digit sequences in noise," R43 DC 008719, Charles D. Watson, PhD, Principal Investigator (Total costs: \$99,847). Role on project: Advisory Committee.

National Organization for Hearing Research (NOHR), "Mechanisms Underlying the Across-Frequency Processing Deficit in Hearing-Impaired Listeners," 1/27/06-1/26/07, Eric W. Healy, PhD, Principal Investigator (Total direct costs: \$20,000). Role on project: Consultant. Grant named the 2006 Oticon Foundation Grant in Auditory Science.

NIH (NIDCD), "Automated Test of Word Recognition – Phase I," R41 DC 006509-01, 10/1/03-9/30/04, Robert H. Margolis, PhD, Principal Investigator (Total direct costs: \$85,011). Role on project: Consultant

EXTRAMURAL GRANTS (SPONSOR/MENTOR/COLLABORATOR), continued:

NIH (NIDCD), Mentored Clinical Scientist Development Award, "Auditory Mechanisms Underlying Speech Understanding," K23 DC00158, 12/1/97-11/30/03, Amy R. Horwitz, PhD, Candidate (Total direct costs: \$343,550). Role on project: Sponsor

NIH (NIDCD), "Factors Affecting Transition Use by the Hard of Hearing," K08 DC00097, 4/1/94-3/31/99. Peggy B. Nelson, PhD, Candidate. (Total direct costs: \$360,442). Role on project: Mentor

American Speech-Language-Hearing Foundation New Investigator Award, "Mechanisms Underlying Speech Understanding and High-Frequency Hearing Loss," 1/1/96-12/31/96. Amy R. Horwitz, PhD, Principal Investigator. (Total direct costs: \$4,000).

INTRAMURAL GRANTS:

University of California Academic Senate, Research Committee Award, Grant #4106, 1985-1986. (Total award: \$3,105).

Medical University of South Carolina, Institutional Postdoctoral Fellowship Award, Amy R. Horwitz, PhD, Principal Investigator, 1995-1996. (Total award: \$22,500).

ACADEMIC COMMITTEE ACTIVITIES:**UCLA School of Medicine**

Predocotrinal and Postdoctoral Training Program in Neurotology, Associate Director,
1982-1991
Budget Committee, Division of Head and Neck Surgery, 1983-1991
Committee on Resident Research Rotations, Division of Head and Neck Surgery,
1982-1991
Ad Hoc Committee on Speech Pathology Service, 1983-1991
Committee on Research Space, Division of Head and Neck Surgery, Chair, 1989-1991
Legislative Assembly, UCLA Academic Senate, Department of Surgery representative,
1989-1991

Medical University of South Carolina*University*

Institutional Postdoctoral Fellowship Committee, 1993-1995
University Research Resource Facility Committee, 1993-1999
University Research Council, 1993-1997, 1998-2001, 2006-
Research Executive Committee, 1994-2001
Student Research Day, Judge, 1994-2001, 2003, 2005
Ad Hoc NIH Investigator Committee, 1995-2000
Ad Hoc Committee on Interim Support for NIH Investigators, Chair, 1995-1996
Pre-proposal Review Committee, Member, Searle Scholars Program, 1995, 2008, 2009
University Internal Review Panel, 1996-1998, 2002-
University Research Committee, 1996-1998; Chair, 1998-2001
Chair, Interim Funding Subcommittee, 1996-1998
University Tenure Committee, 1999-2001
Frontiers in Neuroscience Colloquium, Co-Organizer, 2000
Ad Hoc Committee on Allocation of Renovated Laboratory Space, Chair, 2000
Faculty Marshall, President's Inauguration, 2000
Search Committee for Associate Provost for Research, Chair, 2000-2001
Healthy Aging Working Group, University Strategic Plan, 2001-2002
Research Users Group, Clinical Facilities Master Plan, 2002
Center on Aging, Internal Review Committee, 2002-
Advisory Board, Neuroscience Institute, 2003-2006
Charles P. Darby Children's Research Institute, Steering Committee, 2004-
Intellectual Property Committee, 2004-
Search Committee, Brain Imaging Center of Economic Excellence Endowed Chair, 2005-
Research Project Grant Retreat, Reviewer/Mentor, 2005, 2008, 2009
Advisory Board, Building Interdisciplinary Careers in Women's Health (BIRCWH), K12
NIH Training Program, 2007-
Search Committee, Director of Communication Sciences and Disorders Program, 2008
Developing Scholar Award Committee, 2009
Advisory Board, PhD Program in Health and Rehabilitation Sciences, 2009-
Review of USC COBRE Pre-Proposals, 2009
University Strategic Planning Committee, Working Group Co-Chair, 2010-

ACADEMIC COMMITTEE ACTIVITIES:

Medical University of South Carolina

College of Medicine

Review Committee for Department of Microbiology and Immunology, 1993-1994
Search Committee for Chair, Department of Physiology, 1993-1994
Dean's Study Group, 1993-2001
Research and Research Training Working Group, College of Medicine Strategic Plan,
1995-1996
Committee on Research Space, 1997-1998
Appointment, Promotion, and Tenure Committee, 1997-2000, 2003-2006
Search Committee for Chair, Department of Neurology, 1997-2000
Search Committee for Chair, Department of Pharmacology, 2003
Search Committee for Imaging Faculty, Department of Neurosciences, 2005
Search Committee for Chair, Department of Psychiatry, 2006-2007
Dean's Research Advisory Committee, 2008-
Tenure, Salary, Exigency Subcommittee, 2008

Department of Otolaryngology-Head and Neck Surgery

Chair, Resident Research Committee, 1999-
Faculty Development and Mentorship Committee, 2005-
Medical Student Education Committee (Research Director), 2005-
Director of Research, 2006-
Search Committee for Director of Audiology, 2007-2008

MAJOR TEACHING RESPONSIBILITIES:

Coordinator and Instructor, Quarterly Course in Audiology for Otolaryngology Residents,
Division of Head and Neck Surgery, UCLA School of Medicine, 1980-1991

Coordinator and Participant, Basic Science Course for Otolaryngology Residents and Fellows,
Division of Head and Neck Surgery, UCLA School of Medicine, 1979-1991

Participant, Introductory Lecture Series for First-Year Otolaryngology Residents, Division of
Head and Neck Surgery, UCLA School of Medicine, 1983-1991

Participant, Otology Conference, Division of Head and Neck Surgery, UCLA School of
Medicine, 1979-1991; Medical University of South Carolina, 1999-

Lecturer, Basic Science Curriculum for Residents, Department of Otolaryngology-Head and
Neck Surgery, Medical University of South Carolina, 2001-

Lecturer, College of Graduate Studies (CGS 740), Mechanisms of Human Disease: From Clinic
to Bench, Medical University of South Carolina, 2001-

Lecturer, College of Graduate Studies (CGS 712), Essentials of Scientific Practice, Medical
University of South Carolina, 2002-

Faculty member, Southeastern Predoctoral Training in Clinical Research (NIH Training Grant,
Masters in Clinical Research), 2007-2008

MENTOR AND ADVISOR:

Advisor, Resident Research Rotations:

Marilyn C. Zimmerman, MD, 1982

John P. Rowland, MD, 1983

David E. Ellison, MD, 1984

Postdoctoral Trainee Preceptor:

Ning-ji He, PhD, 1990-1991

Amy R. Horwitz, PhD, 1995-1997

Kelly C. Harris, PhD, 2003-

Jennifer Mulligan, PhD, 2008-

Xin Wang, 2009-

Gayla L. Poling, 2009-

Predoctoral Advisor:

Dawn Konrad, MS, 1991-1992

Elizabeth A. Poth, MS, 1992-1993

Bart R. Clement, MS, 1992-1993

Xumei Sun, 1992-1993

MENTOR AND ADVISOR, continued:

Doctoral Dissertation Committee Membership:

Jeanne T. Salisbury, PhD, UCLA Graduate School of Education, 1986-1987

Faculty Advisor, UCLA Student Research Program

Kapil Ghosh, Winter-Spring 1989

Michael Ryan, Summer 1989

Paul Park, Fall 1989

Ali Ebrahim, Winter-Spring 1990

Jungjin Lee, Spring 1990

Paul Sugang, Fall 1990, Winter 1991, Spring 1991

Faculty Advisor, MUSC

David White, Summer 1993, Summer 1994

Stephen F. Ortoldo, 1995-1996

Eric Ortigoza, Summer-Fall 2005 (Summer Research Fellowship Awardee)

Eric Ortigoza, Research Mentor, Committee Member, Southeastern Predoctoral Training in Clinical Research (NIH Training Grant, Masters in Clinical Research), 2007-2009

Faculty Advisor, USC

Suzanne O. Gresle, Member of Doctoral Dissertation Committee, Department of Communication Sciences and Disorders, University of South Carolina, 2008-2009

INVITED LECTURES:

Department of Speech Pathology and Audiology, University of Iowa, Iowa City IA, Analysis of consonant confusions by hearing-impaired listeners, 1979.

Wadsworth VA Medical Center, Los Angeles CA, Use of adaptive procedures in the measurement of speech recognition in noise, 1981.

Long Beach VA Medical Center, Long Beach CA, Effects of age and hearing loss on speech perception, 1984.

Boys Town National Institute for Communication Disorders in Children, Omaha NE, Use of short-term spectral cues by normal-hearing and hearing-impaired listeners, 1984.

Speech Signal Processing Strategies for the Hearing Impaired, Project Phoenix, Inc., Madison WI, Consonant recognition by normal-hearing and hearing-impaired listeners, 1985.

Hope for Hearing Foundation, Los Angeles CA, Hearing Loss Workshop Presentation: Otologic and Hearing Research at UCLA, 1987.

INVITED LECTURES, continued:

- International Workshop on Hearing Impairment and Signal Processing Hearing Aids, New Technologies for Communication in the Hearing Impaired, Medical Research Programme of the European Communities, Wolfheze, The Netherlands, Associations among frequency and temporal resolution and consonant recognition by hearing-impaired listeners, 1988.
- Los Angeles Regional Chapter, Acoustical Society of America, Los Angeles CA, Effects of hearing loss on the human auditory filter, 1989.
- Department of Communicative Disorders, University of Western Ontario, London, Ontario, Canada, Performance on psychoacoustic and speech recognition tasks for hearing-impaired listeners, 1990.
- Committee on Hearing, Bioacoustics, and Biomechanics (CHABA), Symposium on Presbycusis, Washington DC, Measurement of frequency resolution in hearing-impaired persons, 1990.
- Arrowhead Conference on Hearing Impairment, Speech Perception, and Hearing Aids, Arrowhead Conference Center, Lake Arrowhead CA, Hearing impairment, frequency selectivity, and speech recognition, 1992.
- Special Hearing Science Invited Session, American Speech-Language-Hearing Association, Annual Convention, San Antonio TX, Predicting speech recognition from auditory thresholds and frequency selectivity, 1992.
- Invited Lecture, National Hearing Conservation Association, Annual Meeting, Albuquerque NM, Speech Recognition and Hearing Loss, 1993.
- Conference on Research Mentorship and Training in Communication Sciences and Disorders, Sponsored by NIH/NIDCD and the American Speech-Language-Hearing Foundation, Bethesda MD, A Research Training Program in Communication Sciences and Disorders, 1993.
- Conference on Modeling Sensorineural Hearing Loss, Boys Town Conference Center, Omaha NE, Additivity of multiple maskers of speech, 1995.
- Advancing Human Communication: An Interdisciplinary Forum on Hearing Aid Research and Development, NIH/NIDCD and Department of Veterans Affairs, Bethesda MD, Introduction to Session IV: Speech Perception and Signal Processing, 1995.
- Hearing Science Invited Session, Evidence for age-related hearing loss in the auditory periphery. American Speech-Language-Hearing Association, Annual Convention, Seattle WA, 1996.

INVITED LECTURES, continued:

Invited Featured Session, New findings in auditory aging, American Academy of Audiology, Annual Convention, Fort Lauderdale, FL, 1997.

Invited Extended Seminar, Aging and the auditory system, American Speech-Language-Hearing Association, Annual Convention, Washington DC, 2000.

Invited Speaker, Listening in the dips: Masking of speech by interrupted noise and detection of tones in forward masking. International Hearing Aid Research Conference (IHCON), Lake Tahoe, CA, 2002.

Noise and Aging Consensus Meeting, Nottingham, England, Mills, JH and Dubno JR, Noise and Ageing: Results from animal experiments, 2002.

Advanced Clinical Research Conference, Otolaryngology-Head and Neck Surgery & Communication Sciences, Invited Faculty and Mentor, Bolger Center, Potomac, MD, 2003, 2004, 2009.

Invited Speaker, The Aging Ear: Speech recognition in older adults. American Auditory Society Annual Meeting, Special Session on Auditory Function and Aging, Scottsdale, AZ, 2004.

Invited Speaker, The Aging Ear. Charleston Magnolia Conference, Charleston, SC, 2005

Invited Speaker, Aging, Hearing Loss, and Speech Recognition. Charleston Magnolia Conference, Charleston, SC, 2007

Invited Speaker, Mini-symposium. Longitudinal changes in pure-tone thresholds and speech recognition in older persons. Collegium Oto-Rhino-Laryngologicum Amicitiae Sacrum, Seoul, South Korea, 2007.

Invited Speaker, Aging, hearing loss, and speech recognition. Aging and Speech Communication: An International and Interdisciplinary Research Conference, Bloomington, IN, 2007.

Invited Speaker, Speech perception in older listeners with and without cochlear hearing loss. Second International Course/Workshop on Advances in Audiology, University of Salamanca, Spain, 2008.

M.D. Steer Lecturer, Purdue University, Department of Speech, Language, and Hearing Sciences, West Lafayette, IN, 2009.

Invited Lecturer, Ear Club, University of California at Berkeley, Department of Psychology, Berkeley, CA, 2009.

INVITED LECTURES, continued:

Invited Speaker, Benefits of spatial separation for aided listening in older adults. Aging and Speech Communication: An International and Interdisciplinary Research Conference, Bloomington, IN, 2009.

Invited Speaker, Hearing Care for Adults 2009 - The Challenge of Aging, International Phonak Conference, Chicago, IL, 2009.

Invited Speaker, Benefits of spatial separation for aided listening. Hearing Research Center, Boston University, 2009.

Invited Speaker, Benefits of spatial separation with and without hearing aids. Kresge Hearing Research Center, University of Michigan, 2010.

EXTRAMURAL PROFESSIONAL ACTIVITIES:**National Institutes of Health**

Scientific Review Branch, NIH, NINCDS, Technical Evaluator, 1987
 Special Emphasis Panel, NIH, NIDCD, 1988, 1997, 2003
 Site Visit Team, National Institute on Aging, 1997
 Communication Disorders Review Committee, NIH, National Institute on Deafness and
 Other Communication Disorders (NIDCD), 1989-1993; Chair, 1992-1993
 Consensus Development Panel Member, NIH Consensus Development Conference on
 Noise and Hearing Loss, 1990
 Chair, Workshop on Hearing Aid Research, NIDCD and Department of Veterans Affairs
 (DVA), 1992
 NIDCD/DVA Ad Hoc Advisory Committee on Hearing Aid Research and Development,
 Member, 1993-
 National Institutes of Health Reviewers Reserve, 1993, 2003-
 Hearing Research Study Section, NIH, DRG, Standing Member, 1994-1997
 Expert Panel on Hearing and Hearing Impairment, National Strategic Research Plan,
 NIDCD, 1995-1996
 NIDCD Work Group on Peer Review, 1997
 NIDCD Work Group on Single and Multiple Project Grants, 1998
 NIDCD Strategic Planning Group, 1999
 NIDCD Work Group on Research Training and Career Development, 1999-2000
 National Deafness and Other Communication Disorders Advisory Council, 1999-2003
 Clinical Research Discussion Group, 2004-
 NIDCD Special Emphasis Panel, Review of P30 Applications, Chair, 2005
 NIDCD Special Emphasis Panel, Review of R03 Applications, Chair 2006; Member
 2007
 NIDCD Review of Loan Repayment Applications, 2007
 NIDCD Workshop on Clinical Research/Clinical Trials in Otology, 2007
 NIH Toolbox for Assessment of Neurological and Behavioral Function (Cognition,
 Emotion, Motor Functioning, and Sensation), Audition Domain Team, 2007-
 Observational Study Monitoring Board (OSMB), NIH/NHLBI Hispanic Community
 Health Study – Study of Latinos (HCHS-SOL), 2007-
 NIH Director's Pioneer Awards, Member of Reviewer Panel, 2008, 2009
 Auditory System Study Section (AUD), Ad Hoc Member/Chair, 2008, 2009
 NIDCD Special Emphasis Panel, Review of Challenge Grant Applications, 2009
 NIDCD Special Emphasis Panel, Review of ARRA P30 Applications, 2009
 Data Safety Monitoring Board (DSMB), NIH/NIDCD Tinnitus Retraining Therapy Trial,
 2009-
 Co-Chair, NIDCD Working Group on Accessible and Affordable Hearing Health Care
 for Adults with Mild to Moderate Hearing Loss, 2009-

EXTRAMURAL PROFESSIONAL ACTIVITIES, continued:**Other Activities**

Department of Veterans Affairs Merit Review Grants, Reviewer, 1987-
American Speech-Language-Hearing Foundation Research Grants, Reviewer, 1987-1990
American Speech-Language-Hearing Foundation, New Century Scholar, 2004-2009
National Science Foundation Grants, Reviewer, 1989-
Louisiana Board of Regents Grants, Reviewer, 1989-
Medical Research Council of Canada, Reviewer, 1997-
Executive Committee, Committee on Hearing, Bioacoustics, and Biomechanics
(CHABA), National Academy of Sciences, Member, 1990-1993
Consumer Conference on Hearing Aid Research and Development, Co-Sponsored by
Self-Help for Hard of Hearing People and NIDCD, Member, Organizing
Committee, 1994-1995
House Ear Institute, Consultant, 1986-1990
House Ear Institute, Science Advisory Council, Member, 1993-1995; 2005-2008
Chair, 1995, 2005-2008
Advisory Board of the Hugh Knowles Center for Clinical and Basic Science in Hearing
and its Disorders, Northwestern University,
Member, 1996-1999; Member of Knowles Award Committee, 2003-
Chair, 1999-2002
Tinnitus Research Consortium, Member, 1999-
International Hearing Aid Research Conference (IHCON), Steering Committee Member,
2003-2008; Meeting Co-Chair, 2007-2008
Deafness Research Foundation (DRF), Member of Council of Scientific Trustees, 2003-;
Member of Board of Directors (and Liaison to Council), 2004-
Organizing Committee, DRF Clinical Research Workshop, 2003, 2004, 2009
National Research Council, Reviewer of Draft Report, "Hearing Loss: Determining
Eligibility for Social Security Benefits", 2004
National Academy of Sciences/Institute of Medicine, Member, Committee on Noise-
Induced Hearing Loss and Tinnitus Associated with Military Service from World
War II to the Present, 2004-2005
Advisory Committee, Aging and Speech Communication: An International and
Interdisciplinary Research Conference, 2004-
Scientific Merit Review Board Member, Sensory/Hearing Panel, VA Rehabilitation
Research and Development Service, 2005-2006
National Academy of Sciences/Institute of Medicine, Member, Committee to Review the
NIOSH Hearing Loss Research Program, 2005-2006
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