



CURRICULUM VITA

DAVID SAMUEL ZEE

May 2019

DEMOGRAPHICS

Office Address
Department of Neurology
Pathology 2-210
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[Web page](#)

EDUCATION:

1961-65 Bachelor of Arts (Chemistry), Northwestern University, Evanston, Illinois
1965-69 Doctor of Medicine, The Johns Hopkins University, Baltimore, Maryland

POSTGRADUATE TRAINING:

1969-70 Intern (Medicine), New York Hospital, Cornell University
1970-73 Resident (Neurology), The Johns Hopkins Hospital

PROFESSIONAL EXPERIENCE:

1973-75 Commissioned Officer, U.S. Public Health Service, NINDS, N.I.H.
1975-78 Assistant Professor of Neurology and Ophthalmology
 The Johns Hopkins University
1978-85 Associate Professor of Neurology and Ophthalmology
 The Johns Hopkins University
1985- Professor of Neurology (Primary Appointment, Endowed), Ophthalmology, Otolaryngology and
 Head and Neck Surgery, and Neuroscience, The Johns Hopkins University, School of Medicine
1982, 1991, 2005 Sabbatical Leaves, National Eye Institute, N.I.H.

HONORS AND AWARDS:

Phi Beta Kappa, Northwestern University, 1965
Henry Strong Denison Scholar, The Johns Hopkins University, 1967-68
Teacher-Investigator Award, National Institute of Neurological Diseases and Stroke, 1975-1980
Inaugural Frank R. Ford Award for Outstanding Clinical Teaching of Neurology, 1979
Research Career Development Award, National Eye Institute, 1980-1985
Inaugural Visiting Professor of Neurological Education, Mayo Clinic, Rochester, Minnesota, 1980
Merit (10-year research) RO1 Award, National Eye Institute, N.I.H., 1987-1997
Alpha Omega Alpha, Johns Hopkins Alumnus, 1991
Visual Sciences B, N.I.H. Study Section, 1989-93, Chair, 1992-93
Research to Prevent Blindness Manpower Award, 1993-1995
Hallpike-Nylén Medal of the Bárány Society, Uppsala, Sweden, 1994
Ottorino Rossi Award and Medal of the University of Pavia, Pavia, Italy, 1994
Frank R. Ford Award for Outstanding Clinical Teaching of Neurology, 1994
Member, National Advisory Eye Council, N.I.H, 1996-1999
National Health Information Awards (Honoring the Nation's Best Consumer Health Information, Programs and Materials), third place, for educational videotapes on dizziness (2000)
The Johns Hopkins School of Medicine Professor's Award for Distinction in Teaching in the Clinical Sciences (2001-2002)
Inaugural H. Houston Merritt Award and Lecture, American Academy of Neurology, April 2003
Counselor, American Neurological Association, 2003-06
Bielschowsky prize (German Strabismus Society) to a coauthor for two papers in Investigative Ophthalmology Visual Science (Steffen et al, 2000, 2002)
Clinical and basic ocular motor research: an international meeting in Siena, Italy, July, 2004, in my honor
'Master clinician award', Johns Hopkins senior neurology residents, June, 2005, 2008, 2011
Department of Medicine Osler House staff award in recognition of outstanding teaching contributions, 2011
Koetser Foundation for Brain Research Prize, University of Zurich, Sept 2013
Neurology student clerkship outstanding lecturer award, 2013
Annual luncheon for teachers of neurology to medical students named "The David Zee Neurology Teaching Awards Ceremony" 2017.
VEDA (Vestibular Disorders Association) "Champion of Vestibular Medicine Award", 2017.
Johns Hopkins (Abeloff) Lifetime Achievement Award in Medical and Biomedical Education, 2018.
Endowment, David S. Zee, M.D. endowed professorship in Neurology, May 2018 [Hopkins Endowed Professorship Professorship Lecture Video](#)
Bárány Gold Medal, University of Uppsala, Sweden, June 2018,[Barany Gold Medal Lecture](#)

NAMED LECTURES (31 including 4 inaugural lectures)

J. L. Silverside Lecture, University of Toronto, Toronto, 1986.
Morris Bender Lecture, Mt. Sinai Medical School, New York, 1992
Jerome Merlis Lecture, University of Maryland, Baltimore, 1992
Prince Lecture and Visiting Fellow, Northwestern University, Chicago, 1993
J. Clifford Richardson Lecture, Canadian Neurosciences Congress, Toronto, 1993
AAN Lecture at the Mexican Academy of Neurology, Oaxaca, Mexico, 1993
Ottorino Rossi Lecture, University of Pavia, Italy, 1994
Inaugural Swithin Meadows Lecture, National Hospital, Queen Square, London, 1995
Speaker of the Royal College of Physicians and Surgeons of Canada, Toronto, 1996
Norman Allen Lecture, Ohio State University Medical School, Columbus, 1997
Inaugural H. Houston Merritt Lecture, American Academy of Neurology, Honolulu, 2003
Professor G. Arjundas Oration, Madras Medical College, Chennai, India, 2005
Ramasamy Dayar Oration in Neuroscience, Ramachandra Medical College, Chennai, India, 2005

NAMED LECTURES (continued)

Inaugural Alfred Kestenbaum Lecture, University of Wurzburg, Germany, 2005
‘Brain’ lectures (National Hospital, Moorefield’s Eye Hospital, Charring Cross), London, 2006
Hartwell Thompson Lecture, University of Connecticut, Hartford, 2006
McNally Lecture, McGill University, Montreal, 2008
Dharmapuri Endowed Lecture, Sankara Nethralaya Eye Hospital, Chennai, India, 2009
Guy Williams Lecture, Cleveland Clinic, 2009
Pfizer Visiting Professor, University of Illinois, Peoria, 2010
Morris Bender Lecture, Mt. Sinai Medical School, New York, 2010
Lord Adrian Lecture, Cambridge University, England, 2012
Michael Sanders Lecture, Royal Society of Medicine, London, 2012
Irwin Levy Lecture, Washington University, St. Louis, 2012
Ed Marres Lecture, Maastricht University, The Netherlands, 2013
Koetser Foundation for Brain Research – Award lecture, Zurich, 2013
David Tomlinson Lecture, University of Toronto, 2014
Inaugural James Sharpe Memorial Lecture, University of Toronto, 2014
Kilian J. and Caroline F. Schmitt Lecture, University of Rochester, 2015
Loris and David Rich Lecture, University of Alabama, Birmingham, 2016
[Barany Gold Medal Lecture](#) University of Uppsala, Sweden, 2018

ADDITIONAL MAJOR INVITED LECTURES:

World Congress of Ophthalmology, Satellite Symposium, Tokyo, Japan 1978
Pediatric Neuroophthalmology Course, Sydney, Australia, 1981
Functional Basis of Ocular Motility Disorders, Stockholm, Sweden, 1981
Physiological and Pathological Aspects of Eye Movements, Belgium, 1982
Mechanisms of Tremor, Marbella, Spain, 1983
Boorhaven Teaching Courses, Leiden, Holland, 1984, 1985
American Neurological Association, Chicago, 1984
Trinational Conference on Motor Control, Tel Aviv, Israel, 1985
Adaptive Processes in Visual and Oculomotor Systems, Asilomar, California, 1985
Japanese Society for Equilibrium Research, Kobe, Japan, 1987
Australian Neuroophthalmological Society, Melbourne, Australia, 1987
Pan-Asian Oceanic Otolaryngological meeting, New Delhi, India, 1987
Colombian Neurological Society, Bogota, Colombia, 1988
French Neurological Society, Paris, France, 1988
European Conference on Eye Movements, Pavia, Italy, 1989
Belgian Neurological Society, Bruges, Belgium, 1990
Bárány Society, Tokyo and Sendai, Japan, 1990
Vestibular Pharmacology Conference, Florence, Italy, 1991
Bárány Society, Prague, Czechoslovakia, 1992
French Neurological Society, Paris, France, 1992
Brazilian Neurological Congress, Porto Alegre, Brazil, 1992
Japanese Society for Equilibrium Research, Maebashi, Japan, 1992
Charles University, Prague, Czech Republic, 1993
Pan Hellenic Neurology Congress, Thessalonica, Greece, 1993
Neurootology Symposium, Siena, Italy, 1993
International Neuroophthalmology Society, Freiburg, Germany, 1994
Neuroophthalmology Symposia, Buenos Aires and Rosario, Argentina, August, 1994
Mexican Academy of Neurology, Villahermosa, Mexico, October, 1994
British Ocular Motor Group, London, England, December, 1994

ADDITIONAL MAJOR INVITED LECTURES (continued):

South African Neurological Association, Bloemfontein, South Africa, March, 1995
European Neuroophthalmology Society, Antwerp, May, 1995
Swedish Ophthalmology Society, Stockholm, May, 1995
Neurootology Workshop, Pamplona, Spain, September, 1995
Conference on Vestibular Cortex, Strasbourg, France, October, 1995
Japanese Neuroophthalmology Society, Tokyo, Japan, November, 1996
Hokkaido Neurology Society, Sapporo, Japan, November, 1996
Niigata Ophthalmology Society, Niigata, Japan, November, 1996
Neuroophthalmology and Neurootology symposium, Buenos Aires, Argentina, December, 1996
Neurootology symposium, World Congress of Neurology, Buenos Aires, Argentina September, 1997
Symposium on Noninvasive Monitoring in Intensive Care, Hamburg, Germany, January, 1998
Taiwanese Annual Neurology Meeting, Tainan, Taiwan, March, 1998
Neurootology – Neuroophthalmology Courses, Pamplona, Spain, March, 1998
Otolith Function in Spatial Orientation and Movement, Zurich, Switzerland, May, 1998
Neurogenetics Conference, Terni, Italy, July, 1998
Influence of Virtual Images on Human Factors, Tokyo, Japan, May, 1999
Vestibular Disorders Symposium, Firenze, Italy, June, 1999
Eye Movement Symposium, Beijing, China, July, 1999
Pan-American Congress of Neurology, Cartagena, Columbia, October, 1999
Iberoamericano Neurootology Congress, Rosario, Argentina, April, 2000
South African Specialist Course for Neurologists, Cape Town, South Africa, August, 2000
International Neuroophthalmology Society, Toronto, Canada, September, 2000
Eye Movement Symposium honoring Han Collewijn, Amsterdam, Holland, September, 2000
Visiting Professor, Guys Hospital – Johns Hopkins Exchange, London, October 1-28, 2000, with formal lectures at
Guys, St. Thomas, Kings Cross, Moorefield's, Charring Cross, the National Hospital at Queens Square, and the
Departments of Physiology and of Neurology at Oxford University
Eye Movement Symposium honoring Bernard Cohen, Seeon, Germany, March, 2001
Eye Movement Symposium honoring the inauguration of Inserm Unit 594 in Lyon, France, March, 2001
Disorders of Postural Control and Vestibular Function, Pamplona, Spain, May, 2001
Italian Congress of Otorhinolaryngology, Lecce, Italy, July, 2001
Philadelphia Neurological Society, January, 2002
International Neuroophthalmology Society, Buenos Aires, Argentina, May 2002
Swiss Neurological Society, Zug, Switzerland, May 2002
Japanese Neuroscience Society, Tokyo, Japan, July 2002
Erasmus University, Rotterdam, The Netherlands, Neuroscience Seminar Series, September, 2002
Bárány Society, Seattle, Washington, September, 2002
German Ophthalmological Society meeting on eye movements and vision, Heidelberg, Germany, October, 2002
German Society for Clinical Neurophysiology, Keynote lecture, Lübeck, Germany, October, 2002
Eye Movement Symposium honoring Ulrich Büttner, Wildbad-Kreuth, Germany, April, 2003
Agarini Foundation, Courses in Neuroscience, “Ataxias”, Alviano, Italy, May 2003
XVII Congreso Iberoamericano Otoneurologia, Madrid, Spain, June, 2003
University of Cadiz, teaching courses, Cadiz, Spain, June, 2003
American Headache Society, Chicago, Ill. June, 2003
100th Meeting of the Chugoku-Shikoku Ophthalmology Society, Okayama, Japan, October, 2003
Department of Ophthalmology, Kawasaki University, Kurashiki, Japan, October, 2003
Strabismus Update, Symposium in honor of Gunner Lennerstrand, Stockholm, Sweden, January, 2004
Neuroophthalmology Symposium honoring Dr. Shirley Wray, Boston, Massachusetts, April, 2004
Club Latin American Neuroophthalmology, Mendoza, Argentina, May, 2004
‘Expert’ Neuroophthalmology Course, Zurich, Switzerland, July, 2004
Brazilian Neurology Congress, Brasilia, Brazil, October, 2004
Indian Neurological Society, Chennai, India, January, 2005

ADDITIONAL MAJOR INVITED LECTURES (continued):

Korean Balance Society, Keynote lectures, Seoul, South Korea, June, 2005
Department of Psychology and Neuroscience program, Seoul National University, South Korea, June, 2005
Department of Neurology, Bombay, India, January, 2005
International Neuropsychology Society, St. Louis, February, 2005
Department of Neurology, Seoul National University Hospital, South Korea, June, 2005
World Congress of Otolaryngology, Rome, Italy, June, 2005
Association of Colombian Neurologists, Medellin, Colombia, August, 2005
Neuroscience Institute Congress, Lima, Peru, August, 2005
Bielschowsky Society, Lecture and honorary membership, Giessen, Germany, November, 2005
Symposium: Cortical control of higher motor cognition, Lübeck, Germany, May, 2006
European Society Neurology, Satellite symposium: Vestibular disorders, Lausanne, Switzerland, May, 2006
Symposium in honor of Pr. Dr. Johannes Dichgans, The Neurobiology of Eye Movements, Tübingen, Germany, July, 2006
International Neuroophthalmology Society, Tokyo, Japan, November, 2006
Riken Institute, Tokyo, Japan, November, 2006
Symposium in honor of Pr. Dr. Klaus Hess, Zurich, Switzerland, December, 2006
Clinical Neuroscience Update Teaching Course, Calcutta, India, Apr 2007
Mexican Academy of Otolaryngology, Chihuahua, Mexico, May 2007
Symposium on Neurootology, INEBA (Institute of Neurosciences), Buenos Aires, Argentina, May 2007
International Congress on Movement Disorders, Expert Course, Istanbul, Turkey, June, 2007
Israeli Neurootology Society, Haifa, Israel, October, 2007
International Teaching Course on Vestibular Disorders, Lisboa, Portugal, November, 2007
Symposium on eye movements in honor of Jean Buettner-Ennever, London, England, December, 2007
International Workshop on the Science of Balance Rehabilitation, Phoenix, co-organizer, January, 2008
Bárány Society, Satellite symposium, honoring Professor Y. Shinoda, Ohtsu, Japan, April, 2008
Bárány Society, Teaching course on vestibular disorders, Kyoto, Japan, May, 2008
XXI Congress Pan-American ORL society, Quito, Ecuador, June, 2008
Symposium honouring T. Brandt, Basic and Clinical Aspects of Vertigo and Dizziness, Seeon, Germany, June, 2008
Singapore Neuroscience Institute and Singapore National Eye Hospital, visiting lectures, September, 2008
Neuroophthalmology Society of Australia, Keynote lecture Canberra. September, 2008
German Ophthalmology Society (DOG), Berlin, Germany, September, 2008
Recherche en Oculo-Motricité, Nantes, France, September, 2008
Symposium on Eye Movements in honor of Albert Fuchs, Ashland, Oregon, October 2008
International Neurootology course and meeting, Mexico City, Mexico, October, 2008
Laboratory of Neurophysiology, UCL, Brussels, Belgium January, 2009 (seminar and PhD thesis jury)
Neuroophthalmology Update Course, Nethralaya Eye Hospital, Chennai, India, January, 2009
Symposium on Eye Movements in honor of Fred Miles, Oxford, England, April, 2009
Italian Society for Otorhinolaryngology, Rimini, Italy, May, 2009
International Congress on Movement Disorders, Teaching courses, Paris, France, June, 2009
Masters Course, Neurootology, University of Siena, Italy, July, 2009
Forum for Indian Neurological Education: teaching courses on neuroophthalmology and neurootology, Mumbai, India, September, 2009
Neuroophthalmology teaching course in honor of James Sharpe, Toronto, Canada, 2009
World Congress of Neurology (WCN), Bangkok, Thailand, October, 2009
National Congress of Turkish Neurologists, Antalya, Turkey, November, 2009
Plenary lecture, Neuroscience symposium celebrating 40 year anniversary of National Eye Institute, Bethesda, November, 2009
Universite Paris 6, Symposium on eye movements and PhD jury, Paris, France, December, 2009
Mexican Audiological Medicine Congress, Puebla, Mexico, March, 2010
Satellite symposium to Neural Control of Movement meeting honoring Ed Keller, Naples Florida, April, 2010
International Neurootology Symposium, Keynote Lecture, Matera, Italy, May, 2010

ADDITIONAL MAJOR INVITED LECTURES (continued):

Royal Academy of Ophthalmology, Liverpool, England, May, 2010
Department of Neurology, Newcastle University, England, May, 2010
International Neuroophthalmology Society (INOS), Invited lecture and session chair, Lyon, France, June, 2010
Neuro-Ophthalmology Teaching Course, Invited lecture, Siena, Italy, June, 2010
International Strabismus Symposium, Invited lecture and closing lecture Stockholm, Sweden, June, 2010.
Bárány Society, Teaching course on vestibular disorders, Reykjavik, Iceland, August, 2010.
University of Siena, Special lectures in Neuroscience for graduate students, Siena, Italy, October, 2010.
Forum for Indian Neurological Education: teaching courses on neuroophthalmology and neurootology, Chennai, India, November, 2010.
“NeuroPunta” Uruguay neurology congress, keynote lecture and workshop participant, Punta del Este, Uruguay, December, 2010
Institut du Cerveau et de la Moelle Epiniere (ICM), Invited lecture, Paris, France, March, 2011
International Symposium: Basic and Clinical Ocular Motor and Vestibular Research, honoring R. John Leigh, Teaching course, Buenos Aires, Argentina, March, 2011.
Biannual National Congress of Neurology, Keynote lecture, Borovets, Bulgaria, May, 2011
International Center of Biocybernetics, Saccadometry, Warsaw, Poland, June, 2011
International Congress on Movement Disorders, Teaching course, Toronto, Canada, June, 2011
Neuroophthalmology and Multiple Sclerosis, Teaching course, Siena, Italy, June, 2011
III International Conference on Balance Disturbances, Teaching course, Warsaw, Poland, September, 2011
Society of Italian Neurologists, Teaching course, Turin, Italy, October, 2011
Hong Kong Neurology Society, keynote speaker, Hong Kong, October, 2011
Forum for Indian Neurological Education: teaching courses on neuroophthalmology and neurootology, Calcutta, India, November, 2011
World Congress of Neurology (WCN), keynote lecture, teaching course, and scientific presentation, Marrakech, Morocco, November, 2011
Oxford University, Neurology Grand Rounds, Radcliffe Hospital, January, 2012
Royal College of Medicine, Neuroscience lecture, London, January, 2012
University of Ottawa, Visiting Professor, Canada, March, 2012
Dutch Ophthalmological Society, Groningen, Keynote lecture, The Netherlands, March, 2012
WHO conference on core values in vestibular disturbances, Munich, Germany, May, 2012
University of Siena, Teaching course, Eye movements and nystagmus, Siena, Italy, May, 2012
International Neuroophthalmology Society (INOS), Invited lecture and session chair, Singapore, June, 2012
Forum for Indian Neurological Education: teaching courses on neuroophthalmology and neurootology, Invited speaker, Agra, India, August, 2012
Society for French Neurology, Invited lecture, Paris, October 2012
Mediterranean Society of Otology and Audiology, Keynote lecture, Naples, Italy, October, 2012
Vertigo Academy International, Keynote lecture, Antalya, Turkey, November, 2012
Visiting Professor, Department of Ophthalmology, Boston Children’s Hospital, Harvard, Boston, 2012
Masters course in movement disorders, Groningen University, The Netherlands, December, 2012
Masters course in vestibular disorders, Maastricht University, The Netherlands, January, 2013
Invited speaker and congress chairman, The vestibular system, honoring Daniele Nuti, Siena, Italy, April, 2013
Invited speaker, Neurotology 2013, Ospedale San Raffaele, Milan, Italy, April, 2013
Invited speaker, Workshop on eye movements, Institut du Cerveau et de la Moelle Epiniere (ICM), Paris, June, 2013
Neuro-Ophthalmology Teaching Course, Invited lecture, Siena, Italy, June, 2013
Invited speaker, Symposium on Interactions in Vision, honoring Hugh Wilson and Marty Steinbach, York University, Toronto, June, 2013
Keynote lecture, NIH (NINDS) summer student symposium, July, 2013.
Keynote lecture, Neural Control of Movement Society, Amsterdam, The Netherlands, April, 2014
Plenary lecture, Bárány Society, Buenos Aires, Argentina, May, 2014
Invited speaker, Vestibular rehabilitation symposium, Tigre, Argentina, May, 2014

ADDITIONAL MAJOR INVITED LECTURES (continued):

- Invited speaker, Swiss Society of Clinical Neurophysiology, Zurich, June, 2014
Invited speaker, Practical Neuro-ophthalmology, Update meeting of European Neuro-ophthalmology Society (E NOS), Zurich, June, 2014.
Masters course in vestibular neurology, co-teacher, Mexico City, Mexico, August, 2014
Invited speaker, Cambridge Ophthalmology Symposium, Cambridge, England, September 2014
Invited speaker, Forum for Indian Neurological Education: teaching courses on neuroophthalmology and neurootology, Pune, India, September, 2014
Masters course in vestibular disorders, University of Bern, Switzerland, February, 2015.
Keynote lecture, PanAfrican Federation of Otolaryngological Societies (PAFOS), Luxor, Egypt, March 2015
Workshop in vestibular disorders, University of Cairo, Egypt, March, 2015
ENT summit in vestibular disorders, Marrakech, Morocco, April, 2015
Keynote speaker, Vertigo Academy International II, Moscow, May, 2015
Invited speaker, Health effects from MRI-related magnetic fields, Utrecht, The Netherlands, June, 2015
Invited speaker, Five-day course in vestibular disorders, University of the Andes, Santiago, Chile, Sept, 2015
Keynote lecture, Japanese Neuro-Ophthalmology Society, Tokyo, Nov, 2015,
Invited lectures, Necker Children's Hospital and Quinze-Vingts Eye Hospital, Paris, March 2016
Plenary Lecture, Bárány Society Meeting, Seoul, Korea, June 2016,
Plenary lecture, Congresso Nazionale del Cenacolo Italiano Di Audiovestibologia, Chieti, Italia, June 2016
Invited speaker, 41st Congresso, Conventus Societas, ORL Latina, Turino, Italy, July 2016
Keynote lecture, SSBP (Society for study of behavior phenotypes) conference, Siena, Italy, Sep 2016
Invited speaker, Cultural Week, Vestibular "state of the art", Agropoli, Italy, Sept 2016
Invited speaker, Festschrift for Chris Kennard, Oxford University, England, Sept 2016
Invited speaker, Symposium: The vestibular system: sensory, motor and cognitive functions, Munich, Oct 2016
Keynote lecture, 5th Belgrade Balance Forum, Belgrade, Serbia, April 2017
Invited speaker, 5th International Vestibular Disorder Course and Workshop, Granada, Spain, June 2017
Invited speaker, World Congress, International Federation of Otolaryngology Societies, Paris, June 2017
Gordon Conference on Eye Movements, plenary lecture introducer, Lewiston, Maine, July 2017
Invited speaker, Forum for Indian Neurological Education: teaching courses on neuroophthalmology and neurootology, Mumbai, India, August, 2017
Invited speaker, "Teorico-Pratico Di Audiologica e Vestibologia", Benevento, Italy, September 2017
Invited speaker, Korean Neurological Association, Seoul, November 2017
Invited speaker, Chonnam National University, Gwangju, Korea, November 2017
Invited speaker, Johns Hopkins Aramco Health Care system, Dammam, Saudi Arabia, January 2018
Invited speaker, 11th GCC and 8th Emirates Otolaryngology Conference, Dubai, January 2018.
Keynote lecture, Club de Neuro-Ophthalmologie Francophone, Lyon, France, January 2018.
Keynote lecture, 6th Belgrade Balance Forum, Belgrade, Serbia, April 2018.
Invited speaker, Master Class, Balance and Vertigo, Santiago, Chile, April 2018
Keynote lecture, Mediterranean Society of Otology and Audiology, Jerusalem, Israel, May 2018.
Invited speaker, Annual Congress of Otoneurology, Peniche, Portugal, May 2018
Invited speaker, Satellite Symposium, Bárány Society meeting, Sandhamm, Sweden, June 2018
Keynote lecture, Swiss National ENT Association, Basel, Switzerland, June 2018
Keynote lecture, Renunion Iberoamericana de Neuro-otologia 2018, Bogota, Colombia, July 2018
Invited Speaker, 50th Sally Letson ophthalmology symposium, Ottawa, Canada, September 2018
Visiting Professor, Singapore National Eye Hospital, Singapore Oct 1-8, 2018
Invited speaker, DizzyNet Network for Vertigo and Balance Disorders, Munich, October, 2018
Invited speaker, International Master Class on Vestibular Disorders, Munich, October, 2018
Keynote lecture, 10th anniversary Johns Hopkins Ataxia Center, October, 2018, [Keynote Lecture](#)
Invited speaker, XII Simposio NEBA de Neuro-Otologia, , Buenos Aires, Argentina, October, 2018
Invited teacher, "Advanced course on vestibular neurophysiology", Lago Escondido, Rio Negro, Argentina, October, 2018
Keynote lecture, International Congress of Child Neurology, Mumbai, India, November 2018

ADDITIONAL MAJOR INVITED LECTURES (continued):

Invited Lecture, Workshop, Hinduya Hospital, Mumbai, India, November 2018
Keynote speaker: New Zealand Society for Balance, Dizziness and Vertigo (NTSDV), Wellington, New Zealand, November, 2018
Keynote speaker: Opening of Vertigo Center, Bern, Switzerland, December 2018.
Invited Lecture, Neurotology Opinions Congress, Milan, Italy, March 2019
Visiting Professor, University of Bern, Switzerland, March-April 2019
Invited lecture, Dizzy Symposium honoring Dominique Vibert, Bern, Switzerland, March 2019
Invited lecture, Resident and student teaching, University of Siena, April 2019

RESEARCH INTERESTS:

Normal and abnormal ocular motor, vestibular and cerebellar physiology

ACTIVE GRANTS:

Leon Levy Foundation, Studies of vestibular perception (support of junior faculty member) 2012-2020
N.I.H AVERT Acute Video-oculography for Vertigo in Emergency Rooms for Rapid Triage
9/16/14 - 8/31/19 U01-DC01378 Co-investigator

RECENTLY COMPLETED GRANTS:

N.I.H. Oculomotor Disorders: Clinical and Experimental Studies (1976-2012) R01-EY01849, Principal Investigator
N.I.H. MRI induced Vertigo (2011-2013) R21-DC11919, Principal Investigator
N.I.H. Ocular Motor Adaptation in Health and Disease (2008-2014) RO1-EY019347, Co-investigator
Synergy Award (Johns Hopkins University), Magnetic field vestibular stimulation for rehabilitation, 2015-2017

SOCIETIES:

Association for Research in Vision and Ophthalmology (Fellowship 2009)
American Academy of Neurology (Fellowship, 1982)
Bárány Society
Society for Neuroscience
American Neurological Association, 1981
Australian Neuroophthalmology Society (honorary)
Canadian Society of Neurologists (honorary)
Asociacion Colombiana de Neurologia (honorary)
La Société Française de Neurologie (honorary)
Europae Neuro-Ophthalmolgiae Societatis, Fellow
German Neurological Society (full member)
Swiss Neurological Society (corresponding member)
Deutsche Gesellschaft für Klinische Neurophysiologie (DGKN) (honorary member)
Bielschowsky Society (Germany) (honorary member)
Italian Neurology Society (honorary member)

EDITORIAL BOARDS:

Investigative Ophthalmology (1977-1980)
Reviews of Oculomotor Research (1982-1994)
Journal of Neuro-Ophthalmology (1982-1997)
Neuro-Ophthalmology (1983-2003), co-managing editor (1990-1992)

Journal of the Neurological Sciences (1984-87)
Journal of Vestibular Research (1989-2002)
European Neurology (1992-1997)
Brain (1994-1997)
Annals of Neurology (1973-1989, 1997-2008), (associate editor 1997 -2005)
The Cerebellum (2001-)
Frontiers of Neuro-otology (2010-) associate editor
Journal of the Society of Italian Neurology (2011-)

ADMINISTRATIVE POSITIONS:

Director: The Johns Hopkins Neurology Residency Selection Committee (1975-1979)
Secretary-Treasurer: Maryland Neurological Society (1976-1980)
Director: The Johns Hopkins Neurology Outpatient Department (1977-1981)
Member, Medical School Council (1979-1980, 1986-88)
Director: Clinical Neurophysiology Laboratories (1982-1993)
Director: Clinical Eye Movement Laboratory (1982-2015)
Member, Public Relations Committee, Society for Neuroscience (1985-88)
Director: Neurology Residency Program (1986-90)
Course Director: American Academy of Neurology, Neuroophthalmology (1986-90), Neurootology (1995-97), Emergency Room Management of Neuroophthalmic Disorders (1993-96), Eye movements and nystagmus (2001-04).
Chair: Johns Hopkins Medical School Associate Professors Promotion Committee (1988-1991)
Member, Otolaryngology (1990) and Ophthalmology (2002) search committees
Member, Scientific Program Committee, American Academy of Neurology (1991-1993)
Member, Medical Advisory Board: Vestibular Disorders Association (VEDA) (1991-2012)
Member, Board of Directors: Society for Progressive Supranuclear Palsy (1992-1997)
Member, Medical Advisory Board: Society for Progressive Supranuclear Palsy (1992-2004)
Advisory panel neuro-otologic assessment tests, Naval Aerospace Medical Research Laboratory, 1992
Chair: Neurology Department Appointment and Promotions Committee (1992-1996)
Chair: Honorary Membership Committee, American Neurological Association (1995-1997)
Chair: Neurology Department Finance Committee (1996-2006)
Course co-director: Vestibular and Auditory Disorders, Johns Hopkins Hospital, March, 1997
Vice-chair for finance, Department of Neurology (1998-2006)
Long range planning committee, American Neurological Association (2002-2004)
Director: The Johns Hopkins Neurology residency selection committee (2005-2007)
Faculty development Committee, American Neurological Association, (2006-08)
Member, Committee on Animal Research, Society of Neuroscience (2007-10)
Chair, National Eye Institute search committee for an ocular motor clinician scientist (2008)
Co-director, Neuroscience teaching course, First year medical students, Johns Hopkins (2010-2017)

BOARD CERTIFICATION:

American Board of Psychiatry and Neurology (1976)

TRAINEES: 86 postdoctoral fellows, graduate students or visiting scientists have come for a sustained (more than two months) period to work in our laboratory (1975-2018). Those with an asterisk are K-award or equivalent trainees.

1975 Takeshi Kasai, (visiting scientist, Bioengineering, Japan)
1976 Atsumi Yamazaki, (postdoc, Ophthalmology, Japan)
1976 Robert Muratore (engineering student, USA)
1978 R. John Leigh (postdoc, Neurology, USA)
1980 William Keys (postdoc, Neurology, USA)
1982 Timothy Hain (postdoc, Neurology USA)*
1983 Bruno Estanol, (visiting scientist, Neurology, Mexico)
1985 Ronald Tusa (resident, postdoc, Neurology, USA)*

1985 Steve Gordon (medical student, resident Ophthalmology, USA)
1986 Tone Suzuki (postdoc, Ophthalmology, Japan)
1986 Michael Fetter (postdoc, Neurology, Germany)
1988 Leah Levi (postdoc (shared), Ophthalmology, University of California, San Diego)
1988 Chiara Straatthof (medical student, Neurology, The Netherlands)
1988 Marina Tijssen (medical student, Neurology, The Netherlands)
1989 Jun-Ru Tian (postdoc, Neurology, China)
1989 William Fletcher (postdoc, Neurology, Canada),
1990 Akihiko Oohira (postdoc, Ophthalmology, Japan)
1990 Jocelyne Ventre (postdoc, Neuropsychology, France)
1990 Helena Papageorgiou, (postdoc, Neurology, Greece)
1990 Stevie Tan (medical student, Ophthalmology, The Netherlands)
1990 Richard Lewis (resident, postdoc, Neurology, USA) *
1991 Caroline Tilikete, (postdoc, Neurology, France)
1991 Jan Ygge (postdoc, Ophthalmology, Sweden)
1992 Bertrand Gaymard (postdoc, France)
1993 Miep Van der Drift, (medical student, The Netherlands)
1993 Philip Kramer (postdoc, Neurology, USA)*
1993 Dominik Straumann (postdoc, Neurology, Switzerland)
1993 Maurizio Versino (postdoc, Neurology, Italy)
1993 Mineo Takagi (postdoc, Ophthalmology, Japan)
1993 Nicolas Perez (visiting scientist, Otolaryngology, Spain)
1994 Elliot Frohman, (postdoc, Neurology, USA)
1994 Tsa-tung Tsai (postdoc, Neurology, Taiwan)
1994 David Solomon (postdoc, Neurology, USA)
1994 Hiro Ichijo (postdoc, Otolaryngology, Japan)
1996 Nate Carter (postdoc, Neurology, USA)
1996 Grace Peng (postdoc, bioengineering, USA)
1996 Choongkil Lee (visiting scientist, Neurophysiology, South Korea)
1997 Mark Walker (postdoc, Neurology, USA)*
1997 Heimo Steffen (postdoc, Ophthalmology, Germany)
1997 Stefan Hegemann (resident, Otolaryngology, Germany)
1998 Naoto Hara (postdoc, Ophthalmology, Japan)
1998 Leah Averbuch-Heller (postdoc, Ophthalmology, Israel)
1998 George McKenna (postdoc, Neurology, USA)
1998 Peter Trillenberg (postdoc, Neurology, Germany)
1998 Vivek Patel (med student, Ophthalmology, Canada)
1998 Matt Taylor (med student, psychiatry, England)
2000 Sharon Tow (postdoc (shared), Ophthalmology, USA)
2000 Luis Mejico (postdoc (shared), Neurology, USA)
2001 David Newman-Toker (postdoc, Neurology, USA)*
2001 Majid Fotuhi (resident, Neurology, USA)
2001 Scott Eggers (postdoc, Neurology, USA)
2001 Alessandra Rufa (visiting scientist, Neurology, Italy)
2002 Stefano Ramat, (postdoc, bioengineering, Italy)
2002 Sarah Ying (postdoc, Neurology, USA)*
2002 Nicholas de Pennington (medical student, Cambridge, England)
2003 Elena Isotalo (postdoc, Otolaryngology, Finland)
2003 Jing Tian (postdoc, Bioengineering, USA)
2004 Xioyan Shan (postdoc, Ophthalmology, USA)
2005 Aasef Shaikh (postdoc, Neurology, USA)
2005 Anne-Catherine Huys (medical student, Oxford, England)
2006 Alex Tarnutzer (postdoc, Neurology, Switzerland)
2007 Haiyin Chen-Harris (graduate student, shared with Reza Shadmehr, Bioengineering, USA)
2007 Vincent Ethier (graduate student, shared with Reza Shadmehr, Bioengineering, Canada)

2008 Minnan Xu-Wilson (graduate student, shared with Reza Shadmehr, Bioengineering, USA)
2008 Masahiko Fujita (visiting scientist, Bioengineering, Japan)
2008 Nihal Sinha (medical student, Cambridge, England)
2008 Naoir Zaher (postdoc, Neurology, Syria)
2009 Amir Kheradmand (postdoc, Neurology, USA)*
2009 Howard Ying (Wilmer training grant)"
2009 Ichiro Hamasaki (postdoc, Ophthalmology, Japan)
2010 Tammy Ng (medical student, Neurology, England)
2011 Wu Choi (medical student, Neurology, Canada)
2011 Xu Xiang Zhang (postdoc, shared David Newman-Toker, Neurology, China)
2011 Dan Gold (resident, Neurology, USA)
2012 Yuri Agrawal (faculty, Johns Hopkins)*
2013 Seung-Han Lee (postdoc, shared with David Newman-Toker, Neurology, South Korea)
2013 Prem Jareonsettasen (medical student, Cambridge, England)
2013 Jorge Otero-Millan (postdoc, bioengineer, Spain/USA)*
2014 Saverio Silipo (resident, Neurology, Italy)
2015 Ayse Ilksen Colpak (postdoc, shared with Amir Kheradmand, Neurology, Turkey)
2017 Francesco Fornisari (medical student, Milan, Italy)
2017 Nicolas Perez (visiting scientist, Pamplona, Spain)
2017 Chang Tzu-Pu (postdoc, shared with David Newman-Toker, Neurology, Taiwan)
2017 Roksolyana Tourkevich (postdoc, shared with Dan Gold, Neurology USA)
2017 Ram Narayan (postdoc, shared with neuroimmunology, India)
2018 Ari Shemesh (postdoc, shared with Dan Gold, Neurology, Israel)
2019 Jacob Pogson (Postdoc, Otolaryngology, Australia)

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PATENT APPLICATION

US20180036549A1 Device for magnetic stimulation of the vestibular system

Inventor: Daniel H. Reich, Collin L. Broholm, David Zee, Dale Roberts, Michael C. Schubert, Jorge Otero-Millan, Bryan Ward <https://patents.google.com/patent/US20180036549A1/en>

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