

CURRICULUM VITAE

NAME Karen J. Cruickshanks, Ph.D.

ADDRESS (work) University of Wisconsin
Department of Ophthalmology and Visual Sciences
610 North Walnut Street, 1038 WARF
Madison, Wisconsin 53705-2397
(608) 262-4032
FAX (608) 265-2148
EMAIL: kjcruick@wisc.edu

(home) 1115 Garfield Street
Madison, Wisconsin 53711
(608) 256-9665

CITIZENSHIP United States

EDUCATION & TRAINING

1977 B.A. (Biology), Wesleyan University, Middletown, CT
1987 Ph.D. (Epidemiology), University of Pittsburgh, Pittsburgh, PA

POSITIONS HELD

1979-1981 Research Assistant, Special Chemistry Laboratory, Brigham and Women's Hospital, Boston, Massachusetts
1981-1983 Graduate Student Assistant, Department of Epidemiology, Graduate School of Public Health, University of Pittsburgh, Pittsburgh, Pennsylvania
1983-1986 Pre-Doctoral Fellow, Department of Epidemiology, Graduate School of Public Health, University of Pittsburgh, Pittsburgh, Pennsylvania
1986-1987 Research Assistant/Epidemiologist, Department of Epidemiology, Graduate School of Public Health, University of Pittsburgh, Pittsburgh, Pennsylvania
1987-1990 Assistant Professor, Department of Preventive Medicine and Biometrics, University of Colorado School of Medicine, Denver, Colorado
1990-1994 Clinical Assistant Professor, Department of Ophthalmology and Visual Sciences, University of Wisconsin School of Medicine, Madison, Wisconsin
1994-1996 Assistant Professor (CHS), Department of Ophthalmology and Visual Sciences, University of Wisconsin School of Medicine, Madison, Wisconsin
1996-1998 Associate Professor (CHS), Department of Ophthalmology and Visual Sciences, University of Wisconsin School of Medicine, Madison, Wisconsin
1998-2003 Associate Professor, Department of Ophthalmology and Visual Sciences, University of Wisconsin School of Medicine, Madison, Wisconsin
1998-2003 Associate Professor, Department of Population Health Sciences (formerly Preventive Medicine), School of Medicine, Madison, Wisconsin
1997-Date Affiliate, Institute on Aging, University of Wisconsin, Madison, Wisconsin
2003-Date Professor, Department of Ophthalmology and Visual Sciences, University of Wisconsin School of Medicine and Public Health, Madison, Wisconsin

- 2003-Date Professor, Department of Population Health Sciences, University of Wisconsin School of Medicine and Public Health, Madison, Wisconsin
- 2005-2007 Vice Chair, Department of Population Health Sciences, University of Wisconsin School of Medicine and Public Health, Madison, Wisconsin
- 2005-2007 Director, Graduate Program in Population Health, Department of Population Health Sciences, University of Wisconsin School of Medicine and Public Health, Madison, Wisconsin
- 2015 - Date Member, McPherson Eye Research Institute, University of Wisconsin, Madison, Wisconsin
- 2016 - Date Director, Biostatistics and Epidemiology Resource Core (BERC), Department of Ophthalmology and Visual Sciences, School of Medicine and Public Health, University of Wisconsin, Madison, Wisconsin

HONORS AND AWARDS

- 1983-1986 National Research Service Award, Pre-Doctoral Fellowship, Diabetes Epidemiology
- 1986 Student Leadership Service Certificate, Graduate School of Public Health, University of Pittsburgh
- 1987 Outstanding Scholarship Award, Phi Delta Gamma, Kappa Chapter, National Graduate Fraternal Organization
- 1987 Elected to Delta Omega Society, Omicron Chapter
- 1998 Research to Prevent Blindness Lew R. Wasserman Merit Award
- 1999 Elected to the American Epidemiological Society
- 2002-2003 Alice R. McPherson, Retina Research Foundation Chair in Ophthalmology, University of Wisconsin Medical School
- 2009 MERIT Award, National Institute on Aging
- 2014 Distinguished Alumni Award for Research, University of Pittsburgh School of Public Health

PROFESSIONAL MEMBERSHIPS

- 1982-Date Society for Epidemiologic Research
- 1982-2001 American Diabetes Association
- 1990-Date Association for Research in Vision and Ophthalmology
- 1999-Date American Epidemiological Society
- 2003-2015 American Heart Association
- 2004-Date American Auditory Society
- 2007-2015 Association for Chemoreception Sciences
- 2011-Date Association for Research in Otolaryngology
- 2011-2015 Alzheimer's Association International Society to Advance Alzheimer Research and Treatment

EDITORIAL RESPONSIBILITIES

Editorial Boards

- 1991-1993 Nonperiodical Publications Review Panel, American Diabetes Association
- 2000-2003 Archives of Ophthalmology

2000-2003 Investigative Ophthalmology and Visual Sciences
2011-2016 Ophthalmic Epidemiology
2017 Guest Editor, Ear and Hearing

Reviewer

American Journal of Audiology
American Journal of Epidemiology
American Journal of Ophthalmology
American Journal of Public Health
Clinical and Experimental Ophthalmology
Diabetes
Diabetes Care
Diabetic Medicine
Diabetes Research and Clinical Practice
Diabetologia
Ear and Hearing
Eye on the Literature
Frontiers of Neuroscience
Investigative Ophthalmology and Visual Science
Journal of the American Medical Association
JAMA Ophthalmology
Journal of Clinical Epidemiology
Journals of Gerontology
New England Journal of Medicine
Optometry and Vision Science
Ophthalmic Epidemiology
Ophthalmology
Statistics Canada

Invited Book Reviews

1995 Archives of Ophthalmology
1995 Diabetic Medicine

NATIONAL SERVICE

National Scientific Panels

1993-1997 Epidemiology and Biometry Research Program Advisory Subcommittee of the National Institute on Deafness and Other Communication Disorders Advisory Council
1993-1994 AREDS Clinical Trial, National Eye Institute, Sunlight Exposure Assessment Working Group
1994-1997 Ad Hoc Working Group on Hearing Testing for NHANES IV, National Institute on Deafness and Other Communication Disorders
1994-1995 Committee on Contrast Sensitivity, Food and Drug Administration
1995-1997 National Institute on Deafness and Other Communication Disorders Integrated Planning and Policy Committee

1995 Chair, National Institute on Deafness and Other Communication Disorders Special Emphasis Technical Evaluation Panel

1995-1996 Expert Panel to Update the Hearing and Hearing Impairment Section of the National Strategic Research Plan, National Institute on Deafness and Other Communication Disorders

1996 Workshop on Changes in Multimodal Sensory Systems with Aging, National Institute on Aging

1997-2001 Methodologist, Preliminary Procedure Assessment: Retina Panel, Committee on Ophthalmic Procedure Assessment, American Academy of Ophthalmology

1997-2005 NHANES Planning Committee, National Institute on Deafness and Other Communication Disorders

2000 Reviewer, Cataract Brochure, Stratospheric Protection Division, U.S. Environmental Protection Agency

2001 Reviewer, Surgeon General's Report on Active Smoking and Health, Centers for Disease Control and Prevention, Public Health Service

2001-2002 Working Group on Epidemiology and Data Sources for Human Communication Conditions, Diseases and Disorders, National Institute of Deafness and Other Communication Disorders

2002 Faculty, Summer Research Institute, American Academy of Optometry and American Optometric Association

2003-2012 Data Monitoring and Oversight Committee, Multiethnic Pediatric Eye Disease Survey and the Baltimore Pediatric Eye Disease Survey, National Eye Institute

2003-2004 Member of Concept Review Board; Balance Testing for National Health and Nutrition Examination Survey 2005+, National Institute on Deafness and Other Communication Disorders, National Institutes of Health

2003-2004 Member of Concept Review Board; Chemosensory Testing for National Health and Nutrition Examination Survey 2005+, National Institute on Deafness and Other Communication Disorders, National Institutes of Health

2003-2004 Chair of Concept Review Board; Hearing Testing for National Health and Nutrition Examination Survey National Institute on Deafness and Other Communication Disorders, National Institutes of Health

2004-2005 Institute of Medicine, National Research Council Committee on Assessment of Noise-Induced Hearing Loss in the Military Service from WWII to the Present

2006 Institute of Medicine, Committee to Review the NIOSH Hearing Loss Research Program

2006 Chair, Subcommittee for Goal 4, Institute of Medicine, Committee to Review the NIOSH Hearing Loss Research Program

2006 Concept Clearance for Quick Smell Test, National Institute on Deafness and Other Communication Disorders, National Institutes of Health

2007-2011 National Deafness and Communications Disorders Advisory Council, National Institutes of Health

2007-2011 Vision Committee, NIH Toolbox for Health Assessment

2008 Institute of Medicine, National Research Council Workshop on Evaluating NIOSH Programs

2008-2011 Epidemiology/Biostatistics Team NIH Toolbox

2009-2011 Data Monitoring and Oversight Committee, AGES-Reykjavik II Study, National Eye Institute

2009-2012 American Academy of Audiology, Task Force on Central Presbycusis

2010	National Institute on Aging (NIA) Workshop: Sensory and Motor Dysfunction in Aging and Alzheimer's Disease
2011-2016	Chair, Data Monitoring and Oversight Committee, Conservation of Hearing Study (CHEARS), National Institute on Deafness and Other Communication Disorders.
2012-2016	Chair, Data and Safety Monitoring Board, Therapeutic Effects of Cataract Removal in Alzheimer's Disease, National Institute on Aging
2012-2014	Institute of Medicine, Committee on Long Term Effects of Blast Exposure.
2013-2014	Planning Committee, Institute of Medicine-National Research Council Workshop: Hearing Loss and Healthy Aging
2014	Panelist, Federal Communications Commission Workshop: Enhancing the Consumer Experience through the Development of a Platform for New and Improved IP-based Relay Services
2014-2019	Member, External Advisory Board, MUSC Clinical Research Center for Experimental and Clinical Studies of Presbycusis
2015-2017	National Academies of Science, Engineering and Medicine (Institute of Medicine), Committee on Accessible and Affordable Hearing Health Care for Adults
2016-2017	Member, Program Committee for the Sensory Impairment and Cognitive Decline Conference, Duke Medical Center & Durham VA Geriatrics Research, Education and Clinical Center (GRECC)

Grant Review Activities

1997	Special Emphasis Panel, National Eye Institute, National Institutes of Health
1998	Special Emphasis Panel, Biological and Physiological Sciences, Nutrition Study Section, National Institutes of Health
1998	Ad hoc Member, Visual Sciences C Study Section of the National Institutes of Health.
1999	Retirement Research Foundation
1999	Ad hoc Reviewer, Minority Biomedical Research Support Program, National Institute of General Medical Sciences, National Institutes of Health
2000	Scientific Review Branch, DER, National Institute on Deafness and Other Communication Disorders, National Institutes of Health
2000, 2003	Medical Research Council, United Kingdom
2001	National Institute on Deafness and Other Communication Disorders Research Core Centers, National Institutes of Health
2002	Special Emphasis Panel, National Eye Institute, National Institutes of Health
2003	Glaucoma Review Panel, National Eye Institute, National Institutes of Health
2004	Member, Prevent Blindness America Investigator Award Review Panel
2004	Reviewer, Special Emphasis Panel, Natural History of CMV-related Hearing Loss, National Institute on Deafness and Other Communication Disorders, National Institutes of Health
2004	Ad hoc Reviewer, Epidemiology of Clinical Disorders and Aging Study Section (ECDA), Center for Scientific Review, National Institutes of Health
2005-2006	Ad hoc Reviewer, Neurological, Aging, Musculoskeletal Epidemiology Study Section (NAME), Center for Scientific Review, National Institutes of Health
2012-2014	Grant Reviewer, Development of Measures to Determine Successful Hearing Health Care Outcomes, Special Emphasis Panel, National Institute on Deafness and Other Communication Disorders

2013	Grant Reviewer, Action on Hearing Loss: International Research
2014, 2015, 2020	Special Emphasis Panel for Program Project Review, National Institute on Aging
2014-2015	Ad hoc Reviewer, Neurological, Aging, Musculoskeletal Epidemiology Study Section (NAME), Center for Scientific Review, National Institutes of Health
2017	Grant Reviewer, Yale Pepper Center Grants
2018	Grant Reviewer, Aging and Central Mechanisms of Hearing Loss, National Institute on Aging Special Emphasis Panel, National Institutes of Health

Elected Positions in Professional Societies

1991-1993	Scientific Program Chair, Council on Epidemiology and Statistics, American Diabetes Association
1996-1999	Program Planning Committee, Clinical Research and Epidemiology Division, Association for Research in Vision and Ophthalmology (Chair, 1998-99)

Session Chair at Annual Meetings

1989,1993	Chair, Epidemiology Session, Scientific Sessions of the American Diabetes Association
1989,1990, 1995,1996	Chair, Diabetes Session, Annual Meeting of the Society for Epidemiologic Research
1994-2012	Chair, Clinical and Epidemiologic Research Sessions, Annual Meeting of the Association for Research in Vision and Ophthalmology

Other Advisory Boards

1988-1989	Advisory Board, Diabetes Control Project, Denver Health and Hospitals; Denver, Colorado
1988	Group Leader, Juvenile Diabetes Foundation Workshop: "Diabetes Research in the 80's: An Introduction for Potential Investigators"; Denver, Colorado
1989-1990	Co-Chair, Analysis Planning Group, Colorado Registry for Children with Special Needs; Colorado Department of Health
1989-1990	Cardiovascular Disease Prevention and Control Program; Colorado Department of Health

INSTITUTIONAL AND DEPARTMENTAL SERVICE

Institutional

1989-1990	Ph.D. in Sociomedical Sciences Coordinating Committee, University of Colorado
1999-2002	Faculty Advisory Committee, University of Wisconsin Medical School, University of Wisconsin
2000-2004	Institute on Aging Steering Committee, University of Wisconsin
2000-2003	MAMA Oversight Committee, University of Wisconsin Medical School

2001-2003 Member, Search Committee for the Chair of Ophthalmology and Visual Sciences, University of Wisconsin Medical School

2002-2004 MPH Planning Committee, University of Wisconsin Medical School

2002-2004 Chair, MPH Admissions and Recruitment Subcommittee, University of Wisconsin Medical School

2003-2004 Member, MPH Curriculum Subcommittee, University of Wisconsin Medical School

2003 Judge, Medical Student Research Fall Forum, University of Wisconsin Medical School

2006 Pew Scholar Review Committee, University of Wisconsin

2006-2007 CTSA MS/PhD Task Force, University of Wisconsin

2007-2009 Search Committee for the Chair of Biostatistics and Bioinformatics, University of Wisconsin

2007-Date Member, Recruitment and Admissions Committee, Graduate Program in Population Health, University of Wisconsin

2008-2011 Member, Biological Sciences Curriculum Planning Committee, University of Wisconsin

2009-2011 Interdivisional Conference Committee University of Wisconsin

2010-2016 Member (Chair 2014-2016), Tenure Track Promotions Committee, School of Medicine and Public Health, University of Wisconsin

2016 Reviewer, ICTR-CAP Pilot Awards

2016 - 2017 Member, Research and Scientific Productivity Task Force, School of Medicine and Public Health, University of Wisconsin-Madison

2016 - 2017 Member, Committee to Review the Molecular and Environmental Toxicology MS & PhD Degree Program, School of Medicine and Public Health, Office of Basic Research, Biotechnology and Graduate Studies, University of Wisconsin

2016-2017 Member, Search Committee for the Director of the Wisconsin State Laboratory of Hygiene, University of Wisconsin School of Medicine and Public Health

2017 Faculty Inquiry Committee, University of Wisconsin-Madison

2020-2023 Faculty Advisory Council, University of Wisconsin School of Medicine and Public Health.

Departmental

1988-1990 Executive Committee, Department of Preventive Medicine and Biometrics, University of Colorado School of Medicine

1989-1990 Appointments and Promotions Committee, Department of Preventive Medicine and Biometrics, University of Colorado School of Medicine

1995-Date Research Working Group, Department of Ophthalmology and Visual Sciences, University of Wisconsin

1995-Date Executive Committee, Department of Ophthalmology and Visual Sciences, University of Wisconsin

1998-2002 Curriculum Committee, Program in Population Health, University of Wisconsin

1998-Date Executive Committee, Department of Population Health Sciences, University of Wisconsin

1999 Sexual Harassment Contact Person, Department of Population Health Sciences, University of Wisconsin

2000-2001 Member, Merit Review Committee, Department of Population Health Sciences, University of Wisconsin

2001-2005	Chair, Merit and Post Tenure Review Committee, Department of Population Health Sciences, University of Wisconsin
2002-2007	Member, Resource Allocation Advisory Committee, Department of Population Health Sciences, University of Wisconsin
2003-2005	Member, Recruitment and Admissions Committee, Department of Population Health Sciences, University of Wisconsin
2003-2005	Member, Strategic Planning Committee, Department of Population Health Sciences, University of Wisconsin
2005- 2007	Chair, Population Health Curriculum Committee, Department of Population Health Sciences, University of Wisconsin
2005-2007	Chair, Steering Committee, Graduate Program in Population Health, Department of Population Health Sciences, University of Wisconsin
2006	Genetic Epidemiology Search Committee, Department of Population Health Sciences, University of Wisconsin
2006	Administrative Task Force, Department of Ophthalmology and Visual Sciences, University of Wisconsin
2007-2008	Infectious Disease Epidemiology Search Committee, Department of Population Health Sciences, University of Wisconsin
2009	Space Committee, Department of Ophthalmology and Visual Sciences, University of Wisconsin
2014-2015	Strategic Planning Committee, Department of Ophthalmology and Visual Sciences, University of Wisconsin
2014-2016	Research Financial Analysis Committee, Department of Ophthalmology and Visual Sciences, University of Wisconsin
2014-2015	Chair, Amy Trentham-Dietz Promotion Review Committee, Department of Population Health Sciences, University of Wisconsin
2015	Research Administration Search Committee, Department of Ophthalmology and Visual Sciences, University of Wisconsin
2015	Graduate Program Coordinator Search Committee, Department of Population Health Sciences, University of Wisconsin
2015-2018	Chair, Promotion, Tenure & Compensation Committee, Department of Ophthalmology and Visual Sciences, University of Wisconsin
2015-2016	Strategic Planning-Ensure Financial Health, Department of Ophthalmology and Visual Sciences, University of Wisconsin
2015-2017	Funds Distribution Committee, Department of Ophthalmology and Visual Sciences, University of Wisconsin
2016-2017	Retinal Cell Biology Search Committee, Department of Ophthalmology and Visual Sciences, University of Wisconsin
2018-Date	Member, Research Advisory Committee, Department of Population Health Sciences, University of Wisconsin
2018-Date	Chair, Post-tenure Review Committee, Department of Population Health Sciences, University of Wisconsin

TEACHING

1987-1989	Organizer and Coordinator, Diabetes Journal Club, Department of Preventive Medicine and Biometrics, University of Colorado, Denver, Colorado
1989-1990	Faculty Advisor, MSPH Journal Club, Department of Preventive Medicine and Biometrics, University of Colorado, Denver, Colorado

- 1994-1995 Chair, Wisconsin Epidemiologic Research Symposium, University of Wisconsin, Madison, Wisconsin
- 1995-1999 Faculty Advisor on Epidemiology and Biostatistics, Residents Journal Club, Department of Ophthalmology and Visual Sciences, University of Wisconsin, Madison, Wisconsin

Course Director

- 1989 PRMD 6636, Chronic Disease Epidemiology, 3 credits, Department of Preventive Medicine and Biometrics, University of Colorado, Denver, Colorado
- 1989-1990 PRMD 6670, Graduate Reading Seminar, 1 credit, Department of Preventive Medicine and Biometrics, University of Colorado, Denver, Colorado
- 1997 PM 699, Independent Reading in Epidemiology, 1 credit, Department of Preventive Medicine, University of Wisconsin, Madison, Wisconsin
- 1998-2006 PHS 802, Advanced Epidemiology: Etiology and Prevention (formerly Chronic Disease Epidemiology), 3 credits, Department of Population Health Sciences, University of Wisconsin, Madison, Wisconsin
- 2001 PM 901, Doctoral Seminar, 1 credit, Population Health Sciences, University of Wisconsin, Madison, Wisconsin
- 2001 PM 650, Graduate Seminar, 1 credit, Population Health Sciences, University of Wisconsin, Madison, Wisconsin (Spring and Fall, 2001)
- 2002-2004 PHS 701, 4th Wednesday Seminar for 1st year students, 1 credit, Department of Population Health Sciences, University of Wisconsin, Madison, Wisconsin
- 2005-2007 Pop Health 820 (formerly 701 and 901): Graduate Research Seminar, Fall and Spring, 1 credit, Department of Population Health Sciences, University of Wisconsin, Madison, Wisconsin
- 2008-2010 Pop Health 699: Readings in Epidemiology, 1 credit, Fall and Spring, Department of Population Health Sciences, University of Wisconsin, Madison, Wisconsin
- 2015, 2020 Pop Health 699: Readings in Epidemiology; 1-4 credits; Department of Population Health Sciences, University of Wisconsin, Madison, Wisconsin
- 2016-2017 Pop Health 699: Epidemiology of Aging; 1-5 credits. Fall and Spring. Department of Population Health Sciences, University of Wisconsin, Madison, Wisconsin
- 2018, 2020 Pop Health 820: Graduate Research Seminar; 1 credit. Spring. Department of Population Health Sciences, University of Wisconsin, Madison, Wisconsin.

- 2018 PHS650-84 Connections: Epidemiology Past, Present and Future, 1 credit. Fall. Department of Population Health Sciences, University of Wisconsin, Madison, Wisconsin.
- 2020 PHS650-15 Epidemiology of Aging, 1 credit, Fall. Department of Population Health Sciences, University of Wisconsin, Madison, Wisconsin.

Section Leader

- 1988 PRMD 5000, Clinical Epidemiology and Biostatistics, 4 credits, Department of Preventive Medicine and Biometrics, University of Colorado, Denver, Colorado

Lecturer

- 1987 PRMD 6636: Chronic Disease Epidemiology: Insulin-Dependent Diabetes Mellitus
- 1988-1989 PRMD 6630: Epidemiology: Rate-Adjustment
- 1989 PRMD 5000: Clinical Epidemiology and Biostatistics: Bias in Medical Studies
- 1989 PRMD 6630: Epidemiology: Bias in Studies
- 1992-1994 PM802: Chronic Disease Epidemiology: Obesity and Diabetes
- 1993-1994 PM798: Epidemiologic Methodology: Questionnaire Design
- 1995-1996 PM798: Epidemiologic Methodology: Measurement Issues Unit (eight lecture series)
- 1995-2011 PHS797: Introduction to Epidemiology: Cohort Studies (2-4 lecture series)
- 1996-1997 PM802: Chronic Disease Epidemiology: Physical Activity and Diabetes
- 1996-1999 CD922: Research to Practice: Grantsmanship - A Guide to the NIH Application Process
- 1996 CD920: Seminar on Aging: Research Issues in Aging
- 1997 PM798: Epidemiologic Methodology: Measurement Error-Clinical and Laboratory Assessments
- 1999 STAT642: Statistical Methods-Epidemiology: Conducting Epidemiologic Studies
- 2003 PHS 650: Biological Basis of Population Health: Diabetes
- 2003, 2005, 2007-2009 PHS 375 (650-25): Concepts and Methods of Population Health: Aging: An Epidemiologic Perspective
- 2005-2008 Pop Health 471: Intro to Environmental Health: Non-communicable Disease
- 2006 Short Course in Clinical Research: Cohort Studies
- 2007-2008 PopHealth 802: Epidemiology of Sensory Impairments
- 2009 PopHealth 802: Protocol Development and Implementation - The Importance of Consistency

Preceptor

- 1988-1990 Juvenile Diabetes Foundation Summer Program
 Suzanne Nash - "Diabetes in the Parents of Cases with IDDM"
 Beth Hinkle - "Home Blood Glucose Monitoring"
 Jenny Riggs - "Ethnic Differences in Risk Factors for Microvascular Complications"; Honors Thesis at Colorado College, 1991

Undergraduate Research Mentoring

2015-2016 Lauren Johnson, Biology 152, Undergraduate Research Project. Department of Zoology, University of Wisconsin

Dissertation or Thesis - Major Supervisor

1991 Janet Lawler-Heavner, "Birth Size Associations with IDDM," MSPH with Honors, University of Colorado Graduate School (See Publications 20, 26, 28, and 30)

1995-1996 Jeannie Song, "Occupational Noise Exposure and Hearing Loss," MSPH, University of South Carolina

1996-1997 Michael M. Popelka, "Alcohol Consumption and Hearing Loss," M.S., University of Wisconsin (See Publications 53 and 70)

1996-1997 Dayna S. Dalton, "Diabetes and Hearing Loss," M.S., University of Wisconsin (See Publications 52, 61, 73, 79, 87, 90, and 93)

2000-2001 Julie Mitchell, MD, M.S., "Postmenopausal Hormone Replacement Therapy and Cognition," University of Wisconsin (See Publications 89 and 95)

2003-2005 Cynthia Carlsson, MD, "Statin Use and Cognitive Impairment" M.S., University of Wisconsin (see Publication 120)

2004-2005 Sandra Olson, "A Model for Avian-Human Flu Transmission" M.S., University of Wisconsin

2006-2009 Weihai Zhan, "Birth Cohort Effects in Age-related Hearing Loss", Ph.D. University of Wisconsin (See Publications 132, 150, 155, 168)

2006-2011 Wenjun Zhong, "Vascular Factors and Cognitive Impairment", Ph.D., University of Wisconsin (See Publications 125, 135, 151, 156, 165, 172)

2006-2008 Scott Nash, "Socioeconomic Status and Carotid Artery IMT", M.S., University of Wisconsin (See Publication 145)

2008-2013 Scott Nash, "Inflammation and Hearing Impairment", Ph.D., University of Wisconsin (See Publications 131, 133, 148, 161, 168, 170)

2009-2013 Margarete Wichmann, "Inflammation and Cognitive Dysfunction," Ph.D., University of Wisconsin (See Publications 157, 163, 179,192)

2018- Date Lauren Dillard, Au.D., PhD in Communication Sciences and MS in Population in Health, University of Wisconsin (see Publications 215,235,236,237,238)

2018-2020 Jacqueline Weycker, AuD Capstone Project, University of Wisconsin

Dissertation or Thesis Committee Member

1995 Ex-Officio Member, Tamara Verhalen, M.S., Epidemiology, University of Wisconsin

1996 Anissa Leh, M.S., "Familial Predisposition to Sleep-disordered Breathing," University of Wisconsin

1999-2003 Hyon Kim, PhD., "Sleepiness and Human Performance," University of Wisconsin

1999-2002 Christina Roup, PhD., "The Effects of Aging on Dichotic Word Recognition," University of Wisconsin

2000-2001 Terre Gosdick, M.S. Population Health, University of Wisconsin

2005-2009 Randall Brown, M.D., PhD in Population Health, University of Wisconsin

2004-2006 Kirstie Danielson, M.S., PhD in Population Health, University of Wisconsin

2006- Brian Hong, MS in Population Health, University of Wisconsin

2005-2007 Cecilia Bellcross, M.S., PhD in Population Health, University of Wisconsin

2007-2009	Sarah Olson, PhD in Land Resources and Population Health, University of Wisconsin
2009-2012	Tamara LeCaire, PhD in Population Health, University of Wisconsin
2010	Chidi Obasi, M.D., M.S. in Population Health, University of Wisconsin
2011-2012	Chidi Obasi, M.D., M.S., Ph.D. in Clinical Investigation, University of Wisconsin
2009-2011	Maria Nikodemova, M.S. in Population Health, University of Wisconsin
2012	Yi-Chi Lo, Ph.D. Communication Disorders, University of Wisconsin
2012-2019	Amitha Domalpally, PhD, Clinical Investigation, University of Wisconsin
2013-2015	Yoonmee Joo, RN, Ph.D. in Nursing, University of California- San Francisco. “Prevalence of Ototoxic Medication Use among Older Adults in Beaver Dam, Wisconsin”, Ph.D. University of Wisconsin (See Publications 211 and 227)
2014-2015	Yacob Tedla, MSc, MS, Ph.D. in Epidemiology, University of Wisconsin
2015-2018	So Eun Park, Ph.D. in Communication Sciences and Disorders University of Wisconsin-Madison
2016- 2019	Natascha Merten, PhD in Epidemiology. Universitatbonn, Bonn, Germany (see Publication 231)
2017- 2019	Taylor Fields, M.S. in Neuroscience, University of Wisconsin
2019-	Melissa Marver, Ph.D. in Population Health, University of Wisconsin
2020-	Sarah Furnier, Ph.D. in Epidemiology, University of Wisconsin

Dissertation or Thesis External Examiner

1998	Thiru Mukesh, Ph.D. “Statistical Investigation and Modeling of Retinitis Pigmentosa in India,” University of Madras
2000	Yan Zhang, M.S., "Changes in Lifestyle and Diabetic Retinopathy in Melbourne Chinese," The University of Melbourne
2000	Liubov D Robman, Ph.D. “Measurement of Change in Lens Opacities Over 2 Years with the Nidek EAS-1000 Image Analysis System” The University of Melbourne
2001	Gabriella Tikellis, Ph.D. “The Role of Vitamin E in the Incidence and Progression of Age-Related Macular Degeneration,” The University of Melbourne
2003	Doungkamol Sindhusake, PhD. “Prevalence, Characteristics and Risk Factors for Tinnitus in Older Australians,” The University of Sydney
2014-2015	Thomas Hai Le Hong. “Long-Term Incidence of Visual Impairment in Older Persons: Associated Factors, Burdens and Impact,” Ph.D., University of Sydney

NIH MERIT Diversity Training Fellowship

2011	Chidi Obasi M.D. (See Publication 164)
2011	Shaneda Warren-Anderson, M.S.
2012	Yacob G. Tedla. M.Sc.
2013	Jackson S. Musuuza, M.D., M.P.H.
2014	Anthony Wheeler and DeMarco Bowen (UW SMPH Medical Students)

Post-professional Degree Training

Clinical Audiology Fellows

1993-1994	Brenda Dixon, M.S., Clinical Fellowship (Audiology)
1996-1997	Qwendolyn Ternes, M.S., Clinical Fellowship (Audiology)

1997-1998 Dana Olson, M.S., Clinical Fellowship (Audiology)

Post-doctoral Fellows

1992-1994 Qin Wang, M.D., Post-doctoral Fellow
1994-1995 Suzanne Shoff, Ph.D., Post-doctoral Fellow (See Publications 27, 46)
1996-1997 Daniel Albert, M.D., M.S. in Administrative Medicine (See Publication 62)
1997-1999 Charles Valmadrid, M.D., MPH, Post-doctoral Fellow (See Publication 66)
2000-2003 Peter Torre III, PhD, M.S. Post-doctoral Fellow (See Publications 76, 91 and F32 Grant)
2004-2006 Brian Puent, O.D., M.S. Post-doctoral Fellow (See Publication 106)
2007-2008 Christie Bartels, MD, M.S. Post-doctoral Fellow
2019- Natascha Merten, Ph.D., Post-doctoral Fellow

Mentoring Committees for Junior Faculty

1997-2000 Monte Mills, M.D., Department of Ophthalmology and Visual Sciences, University of Wisconsin
1997-2002 Patricia Sabb, M.D., Department of Ophthalmology and Visual Sciences, University of Wisconsin
1999-2005 Maureen Smith, PhD., Department of Population Health Sciences, University of Wisconsin (Chair, Spring, 2001)
2003-2011 Cynthia Carlsson, M.D., Department of Medicine, University of Wisconsin Medical School
2003-2009 Leonelo Bautista, M.D., Dr.P.H., Department of Population Health Sciences, University of Wisconsin
2006-2013 Christopher Crnich, M.D., M.S., Department of Medicine, University of Wisconsin
2007-2013 Corinne Engelman, PhD, Department of Population Health Sciences, University of Wisconsin (chair)
2008-2013 Paul Peppard, Ph.D., Department of Population Health Sciences, University of Wisconsin
2010-2017 Aparna Lakkaraju, Ph.D., Department of Ophthalmology & Visual Sciences, University of Wisconsin
2013-2018 Yanjun (Judy) Chen, M.D., Ph.D., Department of Ophthalmology & Visual Sciences, University of Wisconsin
2015-2016 Deborah Ehrenthal, M.D. M.P.H., Department of Obstetrics and Gynecology, University of Wisconsin
2015-2016 Yao Liu, M.D., Department of Ophthalmology & Visual Sciences, University of Wisconsin
2019-Date Mariétou Ouayogodé, Ph.D., Department of Population Health Sciences, University of Wisconsin
2019-Date Amy Cochran, Ph.D., Department of Population Health Sciences, University of Wisconsin
2019-Date Suzanne W van Landingham. M.D., Department of Ophthalmology and Visual Sciences, University of Wisconsin.
2020-Date Freya Mowat, BVSc. Ph.D. DECVO DACVO, Department of Ophthalmology and Visual Sciences, SMPH and Department of Surgical Sciences School of Veterinary Medicine, University of Wisconsin.

2020-Date Roomasa Channa, M.D., Department of Ophthalmology and Visual Sciences,
University of Wisconsin.

Mentoring –Training Grants

2018-2020 Susan Ellis Weismer, Ph.D., Department of Communication Sciences & Disorders,
University of Wisconsin

RESEARCH EXPERIENCE

Epidemiology of aging
Epidemiology of age-related sensory disorders
Epidemiology of diabetes and its complications

RESEARCH SUPPORT

Current

NIH Research Grant R01 AG021917 (and Supplements)
“Familial and Birth Cohort Effects on the Aging Senses”
University of Wisconsin

Principal Investigator

\$9,141,202 Project Period: September 15, 2004 – June 30, 2009.
\$9,271,842 Project Period: September 15, 2009-August 31, 2014.
\$7,585,791 Project Period: September 1, 2014-May 31, 2021.

NIH-NEI 5 P30 EY016665 “Core Grant for Vision Research”
University of Wisconsin (PI: Curtis Brandt)

Role: PI Core #4

Project Period: July 1, 2016 – June 30, 2021.

UW Fall Competition Award “Risk for Cognitive
Decline: The Beaver Dam Offspring Study Cohort”

Principal Investigator

\$69,814 Project Period: July 1, 2020 - June 30, 2021

NIH RF1 1RF1AG066837 “Multisensory, Motor, and Biomarker Changes in Aging and Preclinical
Alzheimer's Disease”

University of Wisconsin

Principal Investigator

\$1,898,437 Project Period: 09/01/2020 – 08/31/2023

Completed

NIH Research Grant R01 DK32493-08 "Colorado IDDM Registry"

University of Colorado

(PI Richard F. Hamman)

Acting Principal Investigator 1988-1989

Co-Investigator 1987-1990

\$2,039,370; Project Period: July 1, 1987 - June 30, 1992

NIH Research Grant M01 RR0051 "Ethnic Differences in IDDM"
University of Colorado, Adult Clinical Research Center Grant
Co-Investigator 1988-1990

NIH Research Grant RR69 "Ethnic Differences in IDDM"
University of Colorado, Pediatric Clinical Research Center
Co-Investigator 1988-1990

NIH Research Grant BRSG 05357 "Epidemiology of IDDM: Ethnic Differences in
DQ Markers of Genetic Susceptibility"

University of Colorado

Principal Investigator

\$15,000; Project Period: August 1, 1989 - February 28, 1990

NIH Research Grant R01 EY03083 "Epidemiologic Study of Diabetic Retinopathy"

University of Wisconsin (PI Ronald Klein)

Epidemiologist 1990-1992

Co-Investigator 1994-1998

Project Period: July 1, 1979 - June 30, 1998

NIH Research Grant R01 EY10252 "Age-Related Maculopathy in Hispanics and Non-Hispanic
Whites"

University of Wisconsin

Principal Investigator

\$236,190; Project Period: July 1, 1993 - June 30, 1995

NIH Research Grant R01 EY10605 "Linkage Studies of Age-Related Ocular Disorders"

University of Wisconsin (PI Barbara EK Klein)

Co-Investigator

Project Period: August 1, 1995 - July 31, 2000

Wyeth-Ayerst Labs, Inc.

"Heart and Estrogen-Progestin Replacement Study: Hearing and HRT (HER-EARS)"

University of Wisconsin

Principal Investigator

\$116,390; Project Period: June 1, 1998 - December 31, 2001

NIH Research Grant R03 EY12198

"Epidemiology of Diabetic Retinopathy" - Small Research Grants for Data Analysis

University of Wisconsin (PI Ronald Klein, Barbara EK Klein)

Co-Investigator

Project Period: July 1, 1998 - June 30, 2000

NIH Research Grant R01 HL59259

"Wisconsin Epidemiological Study of Cardiovascular Disease in People with Type I Diabetes"

University of Wisconsin (PI Ronald Klein, Barbara EK Klein)

Co-Investigator

Project Period: November 1, 1998 - October 31, 2003

NIH Research Grant P30 AG17266 “Center for Demography of Health and Aging”
University of Wisconsin (PI Robert Hauser)
Co-Investigator
Project Period: August 15, 1999 - June 30, 2004

NIH-NRSA F32 AG05905 Individual Training Grant
“Atherosclerosis and Cochlear Function in Older Adults”
University of Wisconsin (PI Peter Torre)
Sponsor
\$122,112; Project Period: August 1, 2000 - July 31, 2003

Dept of Veterans Affairs - Epidemiological Research Information Center (EPIC)
“Prevalence of Hearing Loss among Veterans in Beaver Dam, WI”
James Quillen Veterans Administration Medical Center (PI Colleen Noe)
Principal Investigator of the University of Wisconsin Consortium
\$24,445; Project Period: March 1, 2001 - February 28, 2002

NIH Research Grant R01 EY13279 “Atherosclerosis and Risk of Age-related Maculopathy”
University of Wisconsin
Principal Investigator
\$360,000; Project Period: February 1, 2001 - January 31, 2003

NIH-NIA T32 AG00265 M.Carnes (PI)
University of Wisconsin
Research Faculty
Women’s Health and Aging: Research and Leadership Training Grant
Project Period: July, 1999 – April, 2009

NIH/ Research Grant R01 DK073217 Novel Risk Factors for Chronic Kidney Disease
University of Wisconsin (PI R Klein)
Co- Investigator
Project Period: August 6, 2006 – November 30, 2010

Komen Foundation Award “Quality of Life Before and After a Diagnosis of Breast Cancer in Older Women”
University of Wisconsin (PI A Trentham-Dietz)
Co- Investigator
Project Period: 2005-2008

NIH Contract HHN01-HC-65233 “Hispanic Community Health Study”
University of Wisconsin
Principal Investigator (sub-contract)
EpiSense Audiometry Reading Center
\$956,866; Project Period: September 30, 2006- March 31, 2013

NIH Research Grant U10 EYO6594 "Epidemiology of Age-Related Macular Degeneration and Other Retinal Diseases"
University of Wisconsin (PI Ronald Klein, Barbara EK Klein)

Epidemiologist 1990-1997
Co-Investigator 1997-2013
Project Period: June 1, 1987 – September 29, 2013

NIH Research Grant 1DP3DK101074-01
“Hearing Impairment in Long-Term Type 1 Diabetes”
Case Western Reserve (PI: Rose A Gubitosi-Klug)
Co-investigator (**Subaward PI**: Director of UW EpiSense Audiometry Reading (EAR) Center)
Project Period: September 30, 2013 – August 31, 2017.

NIH Research Grant 1 R01 EY016379
“Epidemiology of Retinopathy and Other Complications in Long Term Type 1 Diabetes”
University of Wisconsin (PI Ronald Klein, Barbara EK Klein)
Co-Investigator
Project Period: April 1, 2012 – March 31, 2018

NIH Research Grant U10 EY06594 "Epidemiology of Age-Related Macular Degeneration and Other Retinal Diseases"
University of Wisconsin (PI Ronald Klein, Barbara EK Klein)
Co-Investigator
Project Period: May 1, 2015- April 30, 2019

UW Madison School of Medicine and Public Health/DZNE Collaborative Research Project 5
Team Leader
Project Period: September 13, 2016 – December 31, 2018

NIH Research Grant R01 AG11099 "Epidemiology of Age-Related Hearing Loss"
University of Wisconsin
Principal Investigator
\$2,365,690; Project Period: March 15, 1993 - February 28, 1998
\$3,414,425; Project Period: March 1, 1998 - February 28, 2003
\$4,258,264; Project Period: June 1, 2003 - February 28, 2009
R37 AG11099: \$4,026,605; Project Period: February 1, 2009 – January 31, 2014
\$3,573,117; Project Period: February 1, 2014- January 31, 2020
R37 MERIT Diversity Training Supplement 2010, 2012, 2013, 2014

NIDCD K18 DC017111
Research Career Enhancement for Established Investigators
University of Wisconsin S Ellis-Weismer (PI)
Mentor
Examination of Social (Pragmatic) Communication Disorder in a Population Sample of Children with and without Language Disorder,”
Project Period: July, 2018 – April, 2020

INVITED TALKS

National and International

Invited Speaker. NIH Workshop on Diabetes in Hispanics - NIDDK, Bethesda, MD, 1988 Presentation: *IDDM in Hispanics*

Invited Speaker. 36th American Diabetes Association Postgraduate Course, Dallas, TX, 1989 Presentation: *Epidemiology of IDDM and Its Complications*

Invited Speaker. 14th International Diabetes Federation Congress Washington DC, Jun 23-28, 1991 Presentation: *Effects of Pregnancy on Diabetic Retinopathy*

Invited Speaker. Workshop on Ocular Pigmentation, Sarasota, FL, Apr 30, 1994, Presentation: *Iris Pigmentation and Aging - Data from the Louisville Twin Study and Beaver Dam Eye Study*

Invited Speaker. International Meeting on Ultraviolet Ocular Dosimetry (Intersun Taskgroup), Baltimore, MD, Aug 1-4, 1995. Presentation: *Sunlight and Age-related Ocular Disorders in Beaver Dam, Wisconsin*

Invited Speaker. Workshop on Changes in Multimodal Sensory Systems with Aging, National Institute on Aging, Sep 19-20, 1996 Presentation: *Age-related Changes in Multiple Sensory Systems: Epidemiological Experience*

Invited Speaker. 125th Annual Meeting of the American Public Health Association, Indianapolis, IN, Nov 9-13, 1997. Presentation: *Age-related Hearing Loss in Beaver Dam, WI*

Invited Speaker. Annual Meeting of the American Speech-Language-Hearing Association, Boston, MA, Nov 20-23, 1997. Presentation: *Perspectives of Hearing Loss in Aging.*

Invited Speaker. National Institute on Aging, Bethesda, MD, June 2, 1998. Presentation: *Age-related Hearing Loss in Beaver Dam, WI.*

Invited Speaker. 51st Annual Scientific Meeting of the Gerontological Society of America, Philadelphia, PA, November 20-14, 1998. Discussant: *Longitudinal Studies of the Impact of Vision on Functional Status of Older Persons.*

Invited Speaker. 128th American Public Health Association Annual Meeting and Exposition, Boston, MA, November 12-16, 2000. Presentation: *Measurement of Multiple Sensory Impairments in Beaver Dam, WI: A Population-Based Cohort Study of Aging.*

Invited Speaker. American Academy of Audiology 13th Annual Convention and Exposition, San Diego, CA, April 19-22, 2001. Presentation: *Hearing Loss in Aging Populations: An Epidemiologic Perspective.*

Invited Speaker. University of Chicago, Department of Health Studies, April 12, 2004. Presentation: *Age-related Hearing Loss: Another Vascular Disease?*

Invited Speaker. Older Adult Health: Preparing for the Next Quarter Century, Massachusetts Institute of Technology, Cambridge, MA, September 23-24, 2004. Presentation: *Sensory Decline in Aging.*

Invited Speaker. National Institute on Deafness and other Communication Disorders, Workshop on Epidemiology of Communication Disorders, Bethesda, MD, March 29, 2005. Presentation: *Importance of population-based epidemiologic studies for prevention or delay of impairment and disability.*

Invited Speaker. National Institute on Deafness and other Communication Disorders, Workshop on Epidemiology of Communication Disorders, Bethesda, MD, March 29, 2005. Presentation: *Implementation of community-based, sensory epidemiologic studies in Beaver Dam, WI.*

Invited Speaker. International Symposium on Olfaction and Taste, San Francisco, CA, July 21-25, 2008. Presentation: *Measuring Taste Impairment in Epidemiologic Studies – The Beaver Dam Offspring Study.*

Invited Speaker. 20th Anniversary Symposium, National Institute on Deafness and Other Communication Disorders, Washington, D.C., Oct 23, 2008. Presentation: *As Time Goes By: A Population Perspective on Hearing in Aging.*

Invited Speaker. University of Indiana, August 4, 2009. Presentation: *Hearing Impairment in Aging: A Preventable, Vascular Disorder?*

Invited Speaker. Keynote Address, Audiology Research Conference (ARC), San Diego, CA, April 14, 2010. Presentation: *Age-Related Hearing Loss: Demographics and Risk Factors.*

Invited Speaker. First International Conference on Cognitive Hearing Science for Communication, Linköping, Sweden, June 19-22, 2011. Presentation: *Hearing Impairment and Cognitive Dysfunction in Aging.*

Invited Speaker. 4th International and Interdisciplinary Research Conference on Aging and Speech Communication (ASC11) at Indiana University, October 10-14, 2011. Presentation: *Epidemiological Data on the Aging Senses.*

Invited Speaker. Keynote Address, National Center for Rehabilitative Auditory Research Conference, Portland, OR, Oct 12-14, 2011. Presentation: *Epidemiology of Hearing Loss and Tinnitus: Personal Health and Lifestyle Factors.*

Invited Speaker. EDIC Coordinators Meeting, Chicago, IL, October 20, 2011. Presentation: *Epidemiology of Hearing Impairment: Another Diabetes Complication?*

Invited Speaker. New Clinician-Investigator Workshop, National Institute on Deafness and Other Communication Disorders, Bethesda, MD, November 7, 2011. Presentation: *What the Clinician-Scientist Needs to Understand about Public Health.*

Invited Speaker. Communication Sciences Research Colloquium, Cincinnati, OH, November 11, 2013. Presentation: *What Happened to the Children? A Generational Perspective on Hearing and Aging.*

Invited Speaker. 21st Annual Appalachian Spring Conference, James H. Quillen VA Medical Center Mountain Home, Tennessee, June 12-13, 2014. Presentation: *Age-related Hearing Loss: An Epidemiological Perspective.*

Invited Speaker. Association for Research In Otolaryngology (ARO) 38th Annual Mid-Winter Meeting, Baltimore, Maryland, February 22, 2015. Presentation: *Is Primary Prevention Possible? Findings from Longitudinal Cohort Studies.*

Invited Speaker. National Center for Rehabilitative Auditory Research, Portland OR, September 16, 2015. Presentation: *Epidemiology of Hearing Loss. Results of Large Population Health Studies.*

Invited Speaker. IOM Committee on Accessible and Affordable Hearing Health Care for Adults, Washington, D.C., June 30, 2015. Presentation: *A Brief Overview of Hearing Impairment: An Epidemiological Perspective*

Invited Speaker. American Auditory Society, Scottsdale, AZ, March 5, 2016. Presentation: *Aging, Hearing and Health: A Population-based Perspective*

Invited Speaker. University of Wisconsin-Madison-DZNE Workshop, Bonn, Germany, March 9, 2016. Presentation: *Prospective Cohort Studies of Aging*

Invited Speaker. AudiologyNOW, American Academy of Audiology, Phoenix, AZ, April 14, 2016. Presentation: *Hearing-related Health Care: Challenges for the 21st Century*

Invited Speaker. American Speech, Language, Hearing Association (ASHA) convention, Philadelphia, PA November 17-19, 2016 Presentation: *Hearing and Health – Evidence from Population Studies*

Invited Speaker. American Geriatrics Society and National Institutes of Aging Bedside –to-Bench Conference: Sensory Impairments and Cognitive Decline. Bethesda, MD October 2, 2017. Presentation: *Defining the triple threat: Frequency of co-occurrence and notable disparities.*

Invited Speaker. Prentice Bloedel Research Day. Hearing Loss and Aging: Relationship to Dementia and Cognitive Dysfunction. University of Washington, Seattle, WA May 3, 2018. Presentation: *Sensorineural and Neurocognitive Disorders: Manifestations of the Aging Brain.*

Regional

Invited Speaker. Department of Ophthalmology 1992 Current Concepts Seminar, University of Wisconsin. Presentation: *Epidemiology of Age-Related Macular Degeneration: Environmental and Other Risk Factors*

Invited Speaker. Department of Preventive Medicine, University of Wisconsin, 1993. Presentation: *Epidemiology of Hearing Loss Study: Design and Methods*

Invited Speaker. GRECC/Institute on Aging Geriatrics Grand Rounds, University of Wisconsin, Jan 31, 1994. Presentation: *The Epidemiology of Hearing Loss Study*

Invited Speaker. Department of Ophthalmology and Visual Sciences, University of Wisconsin, Mar 30, 1995. Presentation: *Geographic and Ethnic Differences in Age-related Maculopathy: Results of the Colorado-Wisconsin Study of Age-related Maculopathy*

Invited Speaker. Department of Preventive Medicine, University of Wisconsin, Sep 20, 1995.
Presentation: *Current Epidemiologic Research*

Invited Speaker. Department of Ophthalmology and Visual Sciences, University of Wisconsin, Jan 13, 1996. Presentation: *Hearing in Older Adults. The Beaver Dam Experience*

Invited Speaker. A Tribute to Matthew D. Davis, MD, Department of Ophthalmology and Visual Sciences, University of Wisconsin, Nov 2, 1996. Presentation: *From Walking to Weightlifting: Physical Activity and Diabetic Retinopathy*

Invited Speaker. Vision for the Future, Department of Ophthalmology and Visual Sciences, University of Wisconsin, September 13, 1997. Presentation: *Age-related Ocular Diseases - Functional Impact on the "Golden Years"*

Invited Speaker. Department of Ophthalmology and Visual Sciences Advisory Board, University of Wisconsin, April 15, 1999. Presentation: *Cigarette Smoking and Sensory Impairments: The Beaver Dam Studies*

Invited Speaker. Colloquium on Aging, University of Wisconsin, April 23, 1999. Presentation: *Vision, Hearing and Olfaction: Women and Age-Related Sensory Impairments*

Invited Speaker. Department of Ophthalmology and Visual Sciences and The Wisconsin Council of the Blind, University of Wisconsin, September 8, 1999. Presentation: *Risk Factors for Macular Degeneration*

Invited Speaker. UW-Madison "On the Road" event, UW-Fox Valley, Menasha, WI. Co-sponsored by the University of Wisconsin Institute on Aging, University of Wisconsin Foundation, Wisconsin Alumni Association, April 7, 2000. Presentation: *Sensory Impairments in Older Adults: Lessons from Beaver Dam*

Invited Speaker. Dodge County Chapter of the Wisconsin Society of Medical Assistants, March 9, 2000. Presentation: *Epidemiology of Hearing Loss Study*

Invited Speaker. Vision for the Future, Department of Ophthalmology and Visual Sciences, University of Wisconsin, October 14, 2000. Presentation: *Sensory Survival: Challenges for the 21st Century*

Invited Speaker. Grand Rounds, Department of Ophthalmology and Visual Sciences, University of Wisconsin, February 21, 2003. Presentation: *Atherosclerosis and AMD*

Invited Speaker. Geriatrics Grand Rounds, Department of Medicine, University of Wisconsin, September 17, 2003. Presentation: *Can you hear me now? Hearing Loss in Aging.*

Invited Speaker. Promoting Health and Well-being in Later Years, UW-Madison On the Road, February 19, 2004. Presentation: *Can You Hear Me Now?*

Invited Speaker. University of Wisconsin, Department of Communicative Disorders, Feb 20, 2006. Presentation: *Hearing and Aging: The Beaver Dam Studies.*

Invited Speaker. University of Wisconsin, Department of Population Health Sciences, Nov 17, 2008
Presentation: *As Time Goes By: A Population Perspective on Hearing in Aging*.

Invited Speaker. University of Wisconsin, Department of Population Health Sciences, Sept 9, 2013
Presentation: *Inflammation, Atherosclerosis and Aging: Common Pathways for Sensorineurocognitive Changes*.

Invited Speaker. Colloquium on Aging, University of Wisconsin, Sept 17, 2013. Presentation:
Hearing Loss and Aging: Overlooked and Under-treated.

Invited Speaker. Heritage Senior Living, Monona, WI, February 8, 2014. Presentation: *Hearing Loss and Aging: Overlooked and Under-treated*.

Invited Speaker. Wisconsin Speech-Language Pathology and Audiology Association, February 21, 2014. Presentation: *Hearing and Aging: Beaver Dam's Contributions to Understanding Auditory Aging*.

Invited Speaker. Spring Vision Research Symposium, Department of Ophthalmology and Visual Sciences, University of Wisconsin School of Medicine and Public Health, April 10, 2015. Presentation: *Better Eye Health for Aging Baby Boomers: Generational Differences in the Incidence of AMD*.

Invited Speaker. Spring Vision Research Symposium, Department of Ophthalmology and Visual Sciences, University of Wisconsin School of Medicine and Public Health, April 1, 2016. Presentation: *Vision and Cognitive Changes in Aging*.

Invited Speaker. MERI Seminar Series, University of Wisconsin School of Medicine and Public Health, May 10, 2016. Presentation: *Vision and Cognition in Aging: The Beaver Dam Offspring Study*.

Invited Speaker. Saving Sight Sessions, Department of Ophthalmology and Visual Sciences, University of Wisconsin School of Medicine and Public Health, October 27, 2016. Presentation: *Eyes, Ears, and Aging*.

Invited Speaker. Brain and Bagels, University of Wisconsin School of Medicine and Public Health, December 1, 2017. Presentation: *Hearing and Health in Aging: Lessons from Beaver Dam*.

Invited Speaker. Waisman Center Day with the Experts. June 2, 2018. Presentation: *Preventing Age-related Hearing Loss and Its Impact on Cognition and Quality of Life*.

Invited Speaker. Hearing Loss Association of America, Madison Chapter. September 26, 2018. Presentation: *Hearing and Health in Aging: Lessons from Beaver Dam*.

PUBLICATIONS

1. Dorman JS, LaPorte RE, Kuller LH, Cruickshanks KJ, Orchard TJ, Wagener DK, Becker DJ, Cavender DE, Drash AL: The Pittsburgh insulin-dependent diabetes mellitus (IDDM) morbidity and mortality study: Mortality results. *Diabetes* 33(3):271-276, 1984.
2. Orchard TJ, Cruickshanks KJ, Becker DJ: Sex differences in diabetes. (Letter) *N Engl J Med* 312(3):185, 1985.

3. Cruickshanks KJ, Dorman JS, Aarons J, Tajima N, Wagener D, LaPorte RE, Orchard TJ, Cavender D, Becker D: Pregnancy outcome in diabetes with other endocrine disorders. (Letter) *Lancet* 1:629-630, 1984.
4. Cruickshanks KJ, Orchard TJ, Becker DJ: The cardiovascular risk profile of adolescents with insulin-dependent diabetes mellitus. *Diabetes Care* 8(2):118-124, 1985.
5. Dorman JS, Tajima N, LaPorte RE, Becker DJ, Cruickshanks KJ, Wagener DK, Orchard TJ, Drash AL: The Pittsburgh insulin-dependent diabetes mellitus (IDDM) morbidity and mortality study: Case-control analyses of risk for mortality. *Diabetes Care* 8(Suppl 1):54-60, 1985.
6. Becker DJ, LaPorte RE, Orchard TJ, Cruickshanks KJ, Tajima N, Eckenrode K, Drash AL: A sero-epidemiology study of non-diabetic first degree relatives of IDDM cases. (Letter) *Diabetes Care* 8(6):627-628, 1985.
7. LaPorte RE, Tajima N, Dorman JS, Cruickshanks KJ, Eberhardt MS, Rabin BS, Atchison RW, Wagener DK, Becker KJ, Orchard TJ, Songer TJ, Slemenda CW, Kuller LH, Drash AL: Differences between blacks and whites in the epidemiology of insulin-dependent diabetes mellitus in Allegheny County, Pennsylvania. *Am J Epidemiol* 123(4):592-603, 1986.
8. Songer TJ, LaPorte RE, Tajima N, Orchard TJ, Rabin BS, Eberhardt MS, Dorman JS, Cruickshanks KJ, Cavender DE, Becker DJ, Drash AL: Height at the diagnosis of insulin-dependent diabetes in patients and their non-diabetic family members. *BMJ* 292:1419-1422, 1986.
9. LaPorte RE, Dorman JS, Tajima N, Cruickshanks KJ, Orchard TJ, Cavender DE, Becker DJ, Drash AL: Pittsburgh insulin-dependent diabetes mellitus morbidity and mortality study: Physical activity and diabetic complications. *Pediatrics* 78(6):1027-1033, 1986.
10. Songer TJ, LaPorte RE, Dorman JS, Orchard TJ, Cruickshanks KJ, Becker DJ, Drash AL: Motor vehicle accidents and IDDM. *Diabetes Care* 11(9):701-707, 1988.
11. Diabetes Epidemiology Research International Group: Evaluation of the epidemiology and immunogenetics of IDDM in Spanish and Portuguese heritage registries: A key to understanding the etiology of IDDM? *Diabetes Care* 12(7):487-493, 1989.
12. Kuller LH, Becker DJ, Cruickshanks KJ, Dorman JS, Eberhardt MS, Drash AL, LaPorte RE, Lipton R, Moy C, O'Leary LA, Orchard TJ, Rewers M, Songer T, Tajima N, Trucco M, Wagener D: Evolution of the Pittsburgh studies of the epidemiology of insulin-dependent diabetes mellitus. *Genetic Epidemiol* 7:105-119, 1990.
13. Hamman RF, Gay EC, Cruickshanks KJ, Cook M, Lezotte DC, Klingensmith GJ, Chase HP: Colorado IDDM registry: Incidence and validation of IDDM in children aged 0-17 years. *Diabetes Care* 13(5):499-506, 1990.
14. Diabetes Epidemiology Research International Group: Secular trends in incidence of childhood IDDM in 10 countries. *Diabetes* 39:858-864, 1990.

15. Gay EC, Cruickshanks KJ, Chase HP, Klingensmith G, Hamman RF: Accuracy of a filter paper method for measuring glycosylated hemoglobin. *Diabetes Care* 15(1):108-110, 1992.
16. Cruickshanks KJ, Vadheim CM, Moss SE, Roth M-P, Riley WJ, Maclaren NK, Langfield D, Sparkes RS, Klein R, Rotter JI: Genetic marker associations with proliferative retinopathy in persons diagnosed with diabetes before 30 years of age. *Diabetes* 41:879-885, 1992.
17. Gay EC, Cai Y, Gale SM, Baron A, Cruickshanks KJ, Kostraba JN, Hamman RF: Smokers with IDDM experience excess morbidity: The Colorado IDDM Registry. *Diabetes Care* 15(8):947-952, 1992.
18. Kostraba JN, Gay EC, Cai Y, Cruickshanks KJ, Rewers MJ, Klingensmith GJ, Chase HP, Hamman RF: Incidence of insulin-dependent diabetes mellitus in Colorado. *Epidemiology* 3(3):232-238, 1992.
19. Chase HP, Crews KR, Garg S, Crews MJ, Cruickshanks KJ, Klingensmith G, Gay E, Hamman RF: Outpatient management vs in-hospital management of children with new-onset diabetes. *Clin Pediatr* 31(8):450-456, 1992.
20. Kostraba JN, Cruickshanks KJ, Neville TG, Lawler-Heavner J, Chase HP, Klingensmith G, Gay EC, Hamman RF: Clinical characteristics of IDDM in Hispanics and non-Hispanic Whites: Little evidence of heterogeneity by ethnicity. *Diabetes Care* 15(10):1303-1309, 1992.
21. Cruickshanks KJ, Moss SE, Klein R, Klein BEK: Physical activity and proliferative retinopathy in people diagnosed with diabetes before age 30 years. *Diabetes Care* 15(10):1267-1272, 1992.
22. Cruickshanks KJ, Klein BEK, Klein R: Ultraviolet light exposure and lens opacities: The Beaver Dam Eye Study. *Am J Public Health* 82(12):1658-1662, 1992.
23. Becker DJ, Orchard TJ, LaPorte RE, Cruickshanks KJ, Lipton RB, Dorman J, Drash AL: Metabolic Alterations during #Prediabetes&. *Pediatr Adolesc Endocrinol* 23:76-83, 1993.
24. Cruickshanks KJ, Klein R, Klein BEK: Sunlight and age-related macular degeneration: The Beaver Dam Eye Study. *Arch Ophthalmol* 111:514-518, 1993.
25. Cruickshanks KJ, Ritter LL, Klein R, Moss SE: The association of microalbuminuria with diabetic retinopathy. The Wisconsin Epidemiologic Study of Diabetic Retinopathy. *Ophthalmology* 100(6):862-867, 1993.
26. Kostraba JN, Cruickshanks KJ, Lawler-Heavner J, Jobim LF, Rewers MJ, Gay EC, Chase HP, Klingensmith G, Hamman RF: Early exposure to cow's milk and solid foods in infancy, genetic predisposition and risk of IDDM. *Diabetes* 42:288-295, 1993.
27. Shoff SM, Mares-Perlman JA, Cruickshanks KJ, Klein R, Klein BEK, Ritter LL: Glycosylated hemoglobin concentrations and vitamin E, vitamin C and β -carotene intake in diabetic and non-diabetic older adults. *Am J Clin Nutr* 58:412-416, 1993.

28. Cruickshanks KJ, Jobim LF, Lawler-Heavner J, Neville TG, Gay EC, Chase HP, Klingensmith G, Todd JA, Hamman RF: Ethnic differences in human leukocyte antigen markers of susceptibility to IDDM. *Diabetes Care* 17(2):132-137, 1994.
29. Klein R, Klein BEK, Moss SE, Cruickshanks KJ: The Wisconsin Epidemiologic Study of Diabetic Retinopathy. XIV. Ten-year incidence and progression of diabetic retinopathy. *Arch Ophthalmol* 112:1217-1228, 1994. PMID# 3579344.
30. Lawler-Heavner J, Cruickshanks KJ, Hay WW, Gay EC, Hamman RF: Birth size and risk of insulin-dependent diabetes mellitus (IDDM). *Diab Res Clin Prac* 24:153-159, 1994.
31. Klein R, Klein BEK, Moss SE, Cruickshanks KJ: Relationship of hyperglycemia to the long-term incidence and progression of diabetic retinopathy. *Arch Intern Med* 154:2169-2178, 1994.
32. Klein R, Klein BEK, Jensen SC, Moss SE, Cruickshanks KJ: The relation of socioeconomic factors to age-related cataract, maculopathy, and impaired vision. The Beaver Dam Eye Study. *Ophthalmology* 101(12):1969-1979, 1994.
33. Klein R, Klein BEK, Moss SE, Cruickshanks KJ: The Wisconsin Epidemiologic Study of Diabetic Retinopathy. XV. The long-term incidence of macular edema. *Ophthalmology* 102(1):7-16, 1995.
34. Newcomb PA, Klein R, Klein BEK, Haffner S, Mares-Perlman JA, Cruickshanks KJ, Marcus PM: Association of dietary and life-style factors with sex hormones in postmenopausal women. *Epidemiology* 6(3):318-321, 1995.
35. Klein BEK, Cruickshanks KJ, Klein R: Leisure time, sunlight exposure and cataracts. *Doc Ophthalmol* 88:295-305, 1995.
36. Cruickshanks KJ, Moss SE, Klein R, Klein BEK: Physical activity and the risk of progression of retinopathy or the development of proliferative retinopathy. *Ophthalmology* 102(8):1177-1182, 1995.
37. Klein R, Klein BEK, Moss SE, Cruickshanks KJ: Ten-year incidence of gross proteinuria in people with diabetes. *Diabetes* 44:916-923, 1995.
38. Klein R, Klein BEK, Lee KE, Moss SE, Cruickshanks KJ: Prevalence of self-reported erectile dysfunction in people with long-term IDDM. *Diabetes Care* 19(2):135-141, 1996.
39. Klein R, Klein BEK, Lee KE, Cruickshanks KJ, Moss SE: The incidence of hypertension in insulin-dependent diabetes. *Arch Intern Med* 156:622-627, 1996.
40. Klein R, Klein BEK, Moss SE, Cruickshanks KJ: The medical management of hyperglycemia over a 10-year period in people with diabetes. *Diabetes Care* 19(7):744-750, 1996.
41. Nondahl DM, Cruickshanks KJ, Wiley TL, Tweed TS, Klein BEK, Klein R: Interexaminer reliability of otoscopic signs and tympanometric measures for older adults. *J Am Acad Audiol* 7(4):251-259, 1996.

42. Wiley TL, Cruickshanks KJ, Nondahl DM, Tweed TS, Klein R, Klein BEK: Tympanometric measures in older adults. *J Am Acad Audiol* 7(4):260-268, 1996.
43. Klein BEK, Klein R, Moss SE, Cruickshanks KJ: Parental history of diabetes in a population-based study. *Diabetes Care* [Short Report] 19(8):827-830, 1996.
44. Cruickshanks KJ, Hamman RF, Klein R, Nondahl DM, Shetterly SM: The prevalence of age-related maculopathy by geographic region and ethnicity. The Colorado-Wisconsin study of age-related maculopathy. *Arch Ophthalmol* 115:242-250, 1997.
45. Bito LZ, Matheny A, Cruickshanks KJ, Nondahl DM, Carino OB: Eye color changes past early childhood: The Louisville Twin Study. *Arch Ophthalmol* 115(5):659-663, 1997.
46. Shoff SM, Klein R, Moss SE, Klein BEK, Cruickshanks KJ: Weight change and glycemic control in a population-based sample of adults with older-onset diabetes. *J Gerontol* 53A(1):M27-M32, 1998.
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48. Klein R, Cruickshanks KJ, Klein BEK, Nondahl DM, Wiley T: Is age-related maculopathy related to hearing loss? *Arch Ophthalmol* 116(3):360-365, 1998.
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50. Cruickshanks KJ, Klein R, Klein BEK, Wiley TL, Nondahl DM, Tweed TS: Cigarette smoking and hearing loss: The Epidemiology of Hearing Loss Study. *JAMA* 279(21):1715-1719, 1998.
51. Wiley TL, Cruickshanks KJ, Nondahl DM, Tweed TS, Klein R, Klein BEK: Aging and word recognition in competing message. *J Am Acad Audiol* 9:191-198, 1998.
52. Wiley TL, Cruickshanks KJ, Nondahl DM, Tweed TS, Klein R, Klein BEK: Aging and high frequency hearing sensitivity. *J Speech Lang Hear Res* 41:1061-1072, 1998.
53. Dalton DS, Cruickshanks KJ, Klein R, Klein BEK, Wiley TL: Association of NIDDM and hearing loss. *Diabetes Care* 21(9):1540-1544, 1998.
54. Popelka MM, Cruickshanks KJ, Wiley TL, Tweed TS, Klein BEK, Klein R: Low prevalence of hearing aid use among older adults with hearing loss: The Epidemiology of Hearing Loss Study. *J Am Geriatr Soc* 46(9):1075-1078, 1998.
55. Nondahl DM, Cruickshanks KJ, Wiley TL, Tweed TS, Klein R, Klein BEK: Accuracy of self-reported hearing loss. *Audiology* 37(5):295-301, 1998.
56. Cruickshanks KJ, Wiley TL, Tweed TS, Klein BEK, Klein R, Mares-Perlman JA, Nondahl DM: Prevalence of hearing loss in older adults in Beaver Dam, Wisconsin. The Epidemiology of Hearing Loss Study. *Am J Epidemiol* 148(9):879-886, 1998.

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