

## CURRICULUM VITAE

LENWORTH N. JOHNSON, M.D.

**PRESENT POSITION:**        **Deputy Chief & Professor of Ophthalmology**  
**Director, Neuro-Ophthalmology Service**  
**Brown University / Rhode Island Hospital / Lifespan Physician Group**  
Department of Ophthalmology  
1 Hoppin Street, Suite 200  
Providence, Rhode Island 02903  
Tele # (401) 444-4669 / Fax 401-444=7076  
E-mail: Lenworth\_Johnson@Brown.edu

### EDUCATION, PROFESSIONAL TRAINING, AND ACADEMIC APPOINTMENTS:

Cardinal Spellman High School, Bronx, New York	1970 - 1974
Rensselaer Polytechnic Institute, Troy, New York (Biomed with Albany Medical College: <b>6-year accelerated combined B.S./M.D.</b> degree in 1980)	1974 - 1976
Albany Medical College, Albany, New York (see above)	1976 - 1980
Resident, Internal Medicine, University of California Irvine Medical Center, Orange, California	1980 - 1981
Resident, Neurology, University of California Irvine Medical Center, Orange, California	1981 - 1982
Resident, Ophthalmology, Albany Medical Center Hospital, Albany, New York	1982 - 1985
Clinical Instructor & Chief Resident, Ophthalmology, Albany Medical Center Hospital, Albany, New York	1984 - 1985
Fellow & Visiting Lecturer, Neuro-Ophthalmology, Jules Stein Eye Institute, UCLA School of Medicine, Los Angeles, California	1985 - 1986
Assistant Professor of Ophthalmology & Neurology Penn State University, Hershey, Pennsylvania	1986 - 1990
Attending Faculty, Lebanon Veterans Administration Medical Center, Lebanon, Pennsylvania	1986 - 1990
Ophthalmology Residency Program Director Penn State University, Hershey, Pennsylvania	1987 - 1990
<b>UCLA/AUPO Management Program</b>	1990
Associate Professor of Ophthalmology & Neurology Penn State University, Hershey, Pennsylvania	1990

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Associate Professor of Ophthalmology & Neurology (T94) University of Missouri-Columbia, Columbia, Missouri	1990 - 1996
Attending Faculty, Harry S. Truman Veterans Administration Medical Center, Columbia, Missouri	1990 - 2013
<b>National Eye Institute (NEI-NIH) Course:</b> Epidemiologic and Biostatistical Approaches	1991
Consulting Staff, Columbia Regional Hospital → Women's & Children's Hospital (Columbia, Missouri)	1991 - 2004
Consulting Staff, Boone Hospital, Columbia, Missouri	1992 - 2004
Professor of Ophthalmology & Neurology University of Missouri-Columbia, Columbia, Missouri	1996
<b>Executive Leadership Program: Millennium Health Care Course</b> University of Missouri-Columbia, Columbia, Missouri	1999 - 2004
Vice-Chairman, Department of Ophthalmology, Mason Eye Institute University of Missouri-Columbia, Columbia, Missouri	2003 – 2006
Ophthalmology Residency Program Director, Mason Eye Institute University of Missouri-Columbia, Columbia, Missouri	2006 – 2013
Executive Leadership Program: Leadership in Academic Medicine (LAMP) University of Missouri-Columbia, Columbia, Missouri	2010 – 2011
<b>Deputy Chief &amp; Professor of Ophthalmology</b> Brown University / Rhode Island Hospital / Lifespan Physician Group	2013 – Present
Director, Neuro-Ophthalmology Service Brown University / Rhode Island Hospital / Lifespan Physician Group	2013 – Present

**MEDICAL LICENSE AND BOARD CERTIFICATION**

Diplomate, National Board of Examiners (1981)

Board Certified, American Board of Ophthalmology (1987)

**Fellow**, American Academy of Ophthalmology (1987)

State Licensure: California (1981), New York (1982)  
Pennsylvania (1986), Missouri (1990), Rhode Island (2013)

**AWARDS AND HONORS**

National Merit Scholarship	1974
New York State Regents Scholarship	1974
Quarter Century - Manufacturer's Hanover Trust Scholarship	1974
Finalist in National Honor Society Scholarship	1974
First Honors throughout all four years of high school	1970 - 1974
Selected to <u>Who's Who Among High School Students</u>	1974
Dean's List throughout all years at college	1974 - 1976
New York State Regents Scholarship in Medicine	1976
Honors for receiving highest scores in NeuroAnatomy	1977
Mosby Research Award for Outstanding Scientific Investigation - "Tectal Organization in Pit Vipers"	1977
National Medical Fellowship Merit Award for Scholastic Excellence - awarded to only 6 students in the Nation	1979
Kaiser Foundation/National Medical Fellowship Merit Graduation Award - awarded to 50 students in the Nation	1980
Graduated <b><u>Cum Laude</u> (B.S.-M.D. Six-Year Biomed Program)</b>	1980
Heed Ophthalmic Fellowship, Neuro-Ophthalmology	1985 - 1986
AMA Physician's Recognition Award	1989 - 1993
AMA Physician's Recognition Award	1993 - 1997
American Academy of Ophthalmology's <b>Honor Award</b>	1995
Selected by peers to: <u>The Best Doctors in America</u>	1996
Invited Member, <u>Associate Examiner</u> , American Board of Ophthalmology	1996 - Present
Jules Stein Eye Institute- <b>UCLA Alumni Research Award</b>	1997
AMA Physician's Recognition Award with Commendation for Self Directed Learning	1997 - 2001

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Selected by peers to: <u>The Best Doctors in America</u>	1998
AMA Physician's Recognition Award with Commendation for Self Directed Learning	2001 - 2004
Selected by peers to: <u>The Best Doctors in America</u>	2002
Claude L. Cowan, Sr., MD Memorial Distinguished Lecturer National Medical Association	2002
Selected by peers to: <u>The Best Doctors in America</u>	2004
Selected by peers to: <u>America's Top Ophthalmologists</u>	2004
<b>University of Missouri Faculty-Alumni Award</b>	2004
Invited Member, through Secretary of Health and Human Services Tommy Thompson, <b>National Advisory Eye Council of the National Institutes of Health</b>	2004 – 2008
Roman-Barnes Distinguished Professor Award (National Medical Association)	2005
Selected by peers to: <u>The Best Doctors in America</u>	2005-2006
Roman Barnes Ophthalmology <u>Achievement Award</u> (American Academy of Ophthalmology)	2006
Dr. Alim Chowdhury Memorial Lecturer (Bangladesh) 34 <sup>th</sup> Annual National Conference of Ophthalmological Society of Bangladesh (postponed)	2007
Selected by peers to: <u>America's Top Ophthalmologists</u>	2007
Selected to: <u>Who's Who Among America's Teachers</u>	2006/2007
Elected to <b>Alpha Omega Alpha (ΑΩΑ)</b> National Honor Medical Society	2007
Selected by peers to: <u>The Best Doctors in America</u>	2007-2008
Invited Member, through NIH Director, Elias Zerhouni, MD, and NIH Deputy Director Office of Portfolio Analysis and Strategic Initiatives (OPASI), Alan Krensky, MD, as a <u>charter member</u> of the <b>National Institutes of Health's Council of Councils</b>	2007 – 2009
Selected by peers to: <u>Top Doctors (VOX Magazine)</u>	2008
Inducted in <b>Mortar Board National Honor Society</b> (Friars Chapter, Pi Sigma Alpha ΠΣΑ, 82 <sup>nd</sup> <i>Tap Day</i> )	2009
Selected by peers to: <u>The Best Doctors in America</u>	2009-2010
Invited Member, American Institute of Biological Sciences (AIBS) Military Vision Research	2009

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Program Peer Review for the Department of Defense (DOD) U.S. Army Medical Research and Materiel Command (USAMRMC)

Invited Member, <u>Examiner</u> , American Board of Ophthalmology	2010 - Present
Selected by peers to: <u>America's Top Ophthalmologists</u>	2011
Selected by peers to: <u>The Best Doctors in America</u>	2011-2012
Selected by peers to: <u>America's Top Ophthalmologists</u>	2012
Selected by peers to: <u>Top Neurologist in Columbia, MO</u>	2012
Invited Member, through NIH Director, Francis Collins, PhD, MD, National Institute on Minority Health and Health Disparities (NIMHD) Director, John Ruffin, PhD, NIMHD Deputy Director, M. Roy Wilson, MD, NIMHD Chief, Deborah Duran, PhD, and National Eye Institute (NEI) Director, Paul Sieving, MD, PhD to the <b>Trans-NIH Health Disparities Strategic Planning Priority-Setting Working Group (PWG) 2014-2018</b>	2012 – 2013
Invited Panel Member, <b>Audacious Goals Initiative of the National Eye Institute (NEI)</b> through NEI Director, Paul Sieving, MD, PhD, to develop and refine the best ideas submitted worldwide to help shape the research priorities of the NEI and other vision research organizations over the next 10 years	2012 – 2013
Selected by peers to: <u>The Best Doctors in America</u>	2013

**APPOINTMENTS AND COMMITTEES**

Member, Medical School Admissions Committee, AMC	1978 - 1980
Member, Student National Medical Association, AMC	1978 - 1980
Member, American College of Physicians	1981 - 1983
Member, New York State Ophthalmological Society	1982 - 1985
Member, American Academy of Ophthalmology	1983 - 1987
Member, President's Advisory Committee on the Selection of Director of Minority Affairs, AMC	1984 - 1985
Member, Frank B. Walsh Neuro-Ophthalmology Society	1984 - Present
Member, Association for Research in Vision & Ophthalmology	1985 - Present
Member, Medical Student Selections Committee, PSU	1986 - 1987

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Member, International Neuro-Ophthalmology Society	1986 - Present
Member, Society of Heed Fellows	1986 - Present
Member, Graduate Minority Health Careers Program, PSU	1986 - 1990
Member, Hershey Surgical Society	1987 - 1989
<b>Fellow</b> , American Academy of Ophthalmology	1987 - Present
Member, Roman-Barnes Society of Ophthalmology	1987 - Present
Member, Graduate Medical Education Committee, PSU	1988 - 1990
Member, National Medical Association	1989 - Present
Member, Pennsylvania Academy of Ophthalmology & Otolaryngology	1989 - 1990
Member, Medical Records Committee, PSU	1989 - 1990
Member, Utilization Review Committee, PSU	1989 - 1990
Member, Continuing Education Committee, PSU	1989 - 1990
Member, Clinical Investigation Committee, PSU	1989 - 1990
Member, Association of University Professors of Ophthalmology	1989 - 1991
Member, Quality Assurance Monitoring Committee, UMC	1990 - 1994
Member, Minority Affairs Committee, UMC	1990 - 1996
Member, Boone County Medical Association	1991 - 1998
Member, North American Neuro-Ophthalmology Society	1991 - 1996
Member, Missouri State Medical Association	1991 - 1998
Member, Utilization Review Committee, UMC	1994 - 1995
Member, University of Missouri's <b>Jefferson Club</b>	1995 - Present
Member, University of Missouri's <b>McAlester's Society</b>	1995 - Present
Member, Ellis A. Ingram, MD's Excellence in Learning Program	1995 - 2013
Member, University's Grievance Hearing Panel & Committee, UMC	1995 - 1998

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Member, Blueprint for Diversity Committee, UMC	1995 - 1996
<b>Fellow</b> , North American Neuro-Ophthalmology Society	1996 - Present
Member, Utilization Review Committee, UMC	1997 - 1998
Member, Promotion & Tenure Committee (Ophthalmology), UMC	1997 - 2013
Member, School of Medicine Appointment, Promotion & Tenure Committee, UMC	1999 - 2003
Member, Liaison Committee on Medical Education (LCME) Self-Study Task Force, UMC	2000
Member, LCME Self-Study Task Force Clinical Departments Subcommittee, UMC	2000
Interviewer, George C. Brooks Scholarship, UMC	2004 - 2011

**PROFESSIONAL AFFILIATIONS: *PRESIDENT, CHAIRMAN, ORGANIZER, INVITED CONSULTANT***

President, National Honor Society	1972 - 1974
Founder and Organizer of the Annual High School Lecture Seminar for Minority Students, AMC	1979 - 1980
Co-Chairman Steering Committee on Minority Admissions, AMC	1983 - 1985
Chief, Neuro-Ophthalmology Division, Penn State University	1986 - 1990
Director, Ophthalmology Residency Program, Penn State University	1987 - 1990
Internal Reviewer of Anesthesiology Department for Re-Accreditation by Residency Review Committee, PSU	1989
Chairman, Forms Subcommittee (Medical Records Committee), PSU	1989 - 1990
Chairman, Neuro-Ophthalmology Section, National Medical Association	1989 - 1994
Invited Member, American Academy of Ophthalmology Indigent Care Committee	1989 - 1994
Faculty Advisor, Student National Medical Association, PSU	1989 - 1990
Director, Neuro-Ophthalmology Service, University of Missouri-Columbia	1990 - 2013

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Invited Member, American Academy of Ophthalmology Federal Economic Policy Committee	1990 - 1994
Invited Member, Professional Education and Patient Activities Committee, American Diabetes Association	1991 - 1994
Invited Consultant, Bureau of High Risk Intervention, Missouri Department of Health	1991 - 1996
Board of Directors, Highland Homes Association (Columbia, Missouri)	1991 - 1993
Board of Directors, Family Counseling Center, Inc. (Columbia, Missouri)	1991 - 1994
Invited External Reviewer of Faculty Candidate for Promotion and/or Tenure (U.S.)	1991
Invited Consultant, American Medical Association Current Procedural Terminology (AMA-CPT) Panel	1992
Chairman, Professional Education Committee, Missouri Affiliate, American Diabetes Association	1992 - 1994
Director, Medical Student Education Ophthalmology Department	1992 - 1997
Invited Member, School of Medicine's Self-Study Task Force RE: Liaison Committee on Medical Education (LCME), UMC	1993
Invited Representative, through UM President George Russell, N.I.H. Sponsored Office of Research in Minority Health Conference (Chicago, Illinois)	1994
Board of Directors, Highland Homes Association	1994 - 1996
Secretary/Treasurer, Ophthalmology Section, National Medical Association	1994 - 1997
Invited Member, Cognitive Neuroscience Search Committee Department of Psychology, University of Missouri-Columbia	1994 - 1995
Invited Member, School of Medicine's Special Task Force RE: Graduate Medical Education, UMC	1995 - 1996
Invited Member, <u>Associate Examiner</u> , <b>American Board of Ophthalmology</b>	1996 - Present
President, Mill Creek Parent-Teacher Association (PTA) (Columbia, Missouri)	1996
Invited External Reviewer of Faculty Candidate for Promotion and/or Tenure (U.S.)	1996
Vice-Chairman & Treasurer, Ophthalmology Section, National Medical Association	1997 - 1999

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Director, Ophthalmology Department's Education Subcommittee	1997 - 2013
Invited External Reviewer of Faculty Candidate for Promotion and/or Tenure (U.S.)	1997
Invited Member, Visual Field Expert Panel (IONDT)	1998 - 2003
President, Initiative to Establish a Catholic High School in Columbia	1998
Invited External Reviewer of Faculty Candidate for Promotion and/or Tenure (U.S.)	1998
Chairman, Ophthalmology Section, National Medical Association	1999 - 2004
Founder & Program Director, National Medical Association Ophthalmology Residents & Medical Students Ophthalmology Awards, and Rabb-Venable Ophthalmology Awards for Outstanding Research	1999 - 2004
Invited External Reviewer of Faculty Candidate for Promotion and/or Tenure (U.S.)	1999
President & CEO, BelScribe, Inc.	2000 - 2002
Invited Member, American Academy of Ophthalmology (AAO) Annual Meeting Program Committee (Neuro-Ophthalmology)	2001 - 2004
Invited Member, Anesthesiology Chair Search Committee (UMC)	2002
Invited Advisory Board Member, Alcon Laboratories, Inc. (Texas)	2002 - 2013
Invited External Reviewer of Faculty Candidate for Promotion and/or Tenure (U.S.)	2002
Invited External Reviewer of Faculty Candidate for Promotion and/or Tenure (U.S.)	2003
National Accreditation Site Surveyor for the Accreditation Council for Continuing Medical Education (ACCME)	2003 - 2004
Chairman, Appointment, Promotion & Tenure Committee (Ophthalmology), UMC	2003 - 2006
Medical Advisory Board Member, African American Medical Network, Inc.	2004 - 2008
Invited Member, through Secretary of Health and Human Services Tommy Thompson, <b>National Advisory Eye Council of the National Institutes of Health</b>	2004 - 2009
Invited External Reviewer of Faculty Candidate for Promotion and/or Tenure (U.S.)	2006
Invited Member, School of Medicine's Self-Study Task Force RE: Liaison Committee on Medical Education (LCME), UMC	2006

Invited Member, NIH Clinical and Translational Science Award (CTSA) Task Group, UMC	2006
Invited Member, through NIH Director, Elias Zerhouni, MD, and NIH Deputy Director Office of Portfolio Analysis and Strategic Initiatives (OPASI), Alan Krensky, MD, as a <u>charter member</u> of the <b>National Institutes of Health's Council of Councils</b>	2007 – 2009
Invited External Reviewer of Faculty Candidate for Promotion and/or Tenure (U.S.)	2009
Invited Member, American Institute of Biological Sciences (AIBS) Military Vision Research Program Peer Review for the Department of Defense (DOD) U.S. Army Medical Research and Materiel Command (USAMRMC)	2009
Internal Reviewer of Dermatology Department for Re-Accreditation by Residency Review Committee, UMC	2009-2010
Invited Member, <u>Examiner</u> , American Board of Ophthalmology	2010 - Present
Invited Member, through NIH Director, Francis Collins, PhD, MD, National Institute on Minority Health and Health Disparities (NIMHD) Director, John Ruffin, PhD, NIMHD Deputy Director, M. Roy Wilson, MD, NIMHD Chief, Deborah Duran, PhD, and National Eye Institute (NEI) Director, Paul Sieving, MD, PhD to the <b>Trans-NIH Health Disparities Strategic Planning Priority-Setting Working Group (PWG) 2014-2018</b>	2012 – 2013
Invited Panel Member, <b>Audacious Goals Initiative of the National Eye Institute (NEI)</b> through NEI Director, Paul Sieving, MD, PhD to develop and refine the best ideas submitted worldwide to help shape the research priorities of the NEI and other vision research organizations over the next 10 years	2012 – 2013
Invited External Reviewer of Faculty Candidate for Promotion and/or Tenure (U.S.)	2013
Deputy Chief & Professor of Ophthalmology Brown University / Rhode Island Hospital / Lifespan Physician Group	2013 – Present
Director, Neuro-Ophthalmology Service Brown University / Rhode Island Hospital / Lifespan Physician Group	2013 – Present

**TEACHING ACTIVITIES (FACULTY, SUPERVISOR, COURSE DIRECTOR)**

Instructor, <u>NEUROANATOMY</u> , Albany Medical College	1977 - 1978
Instructor, <u>Medical Student Clinical Correlation Program</u> , Albany Medical College	1979 - 1980
Clinical Instructor & Chief Resident, Ophthalmology Albany Medical Center Hospital	1984 - 1985
Visiting Lecturer, Neuro-Ophthalmology, Jules Stein Eye Institute, UCLA School of Medicine	1985 - 1986

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Director, Weekly Neuro-Ophthalmology Teaching Rounds, PSU	1986 - 1990
Organizer & Director, Monthly Neuro-Ophthalmology Conference, PSU	1986 - 1990
Teaching Faculty, <u>ANATOMY 703</u> : Gross Anatomy	1986 - 1990
Teaching Faculty, <u>NEUROLOGY 710/711</u> : Human Neurobiology	1986 - 1990
Teaching Faculty, <u>SURGERY 700</u> : Clinical Ophthalmology	1986 - 1990
Teaching Faculty, <u>SURGERY 760/761</u> : Neuro-Ophthalmology/Ophthalmology	1986 - 1990
Director, Neuro-Ophthalmology Service, Penn State University	1986 - 1990
Clinical Advisor, PSU Medical Student Fellow, Frank G. Baloh	1986 - 1990
Organizer & Director, Annual Neuro-Ophthalmology Conferences	1987 - 1990
Research Supervisor, PSU Student Fellow, Frank G. Baloh, NIH Student Short-Term Training Grant	1987 - 1988
Supervisor, PSU Student Fellow, David Lacomis	1987
Supervisor, Neurology Resident Fellow, Robert L. Pearlman, MD	1987
Supervisor, PSU Student Fellow, Jerome I. Finkelstein	1987
Co-Director, <u>ANATOMY 797C</u> : Advanced Topics in Neurobiology	1987 - 1989
Clinical Advisor, PSU Medical Student, Michael Drass	1988 - 1990
Supervisor, Neurology Resident Fellow, Othoniel Castro, MD, State University of New York (S.U.N.Y) at Syracuse	1988
Director, <u>OPHTHALMOLOGY 797C</u> : Advanced Topics in Neurobiology	1989 - 1990
Research Supervisor, PSU Student Fellow, Andrew Fieo	1989 - 1990
Supervisor, Family Medicine Resident Ophthalmology Rotation	1989 - 1990
Research Supervisor, Student Fellow, Kimberly McCullough, Lincoln University Student w/ Commonwealth Scholarship	1989
Teaching Faculty, <u>NEURO 522</u> : Elements of Neuroscience	1989 - 1990
Invited Visiting Professor, Neuro-Ophthalmology Board Review, Howard University (Washington, D.C.)	1990
Director, Neuro-Ophthalmology & Consultative Services	1990 - 2013
Teaching Faculty, <u>MED-ID 241M</u> : Neuroscience II	1991 - 1992

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Director, <u>CLINICAL OPHTHALMOLOGY</u> Elective	1991 - 1997
Research Supervisor, Student Fellow, Helen C. Kuo, National Institutes of Health (N.I.H.) sponsored Minority High School Research Apprentice Program	1991
Teaching Faculty, <u>APPLIED NEUROPHYSIOLOGY 243 PT</u>	1992 - 1996
Master's Thesis Candidate, Psychology Graduate Student, Jason Burke Thesis Defense: May 1, 1995	1993 - 1995
Research Supervisor, Student Fellow, Lisa Y. Gould, National Institutes of Health (N.I.H.) sponsored Minority High School Research Apprentice Program	1993
Teaching Faculty (Preceptor), <u>AMBULATORY CLINICAL EXPERIENCE (ACE)</u> 1993-94: Jim Edwards, David Hockman, Tom Theiss, Ric White 1994-95: Ben Beckert, Rovena Kessinger, Charles Park, Gema Tenorio 1995-96: Brandon Black, Brian Eble, Timothy Juergens, Karen Kim, Julie McGinnis 1996-97: John Davis, Jacqueline Hayes-Robinson, Jay Moore, Micah Tepper, James Toombs, John Vernon 1997-98: Jerry Bruggeman, Adam Edelman, Jeremy Flanagan, Scott McBride, Jr. Dave Nichols, Kelley Tritt 1998-99: Christine A. DeWitt, Siddharth Prakash, Reid Sasaki, Candena Schroeder Rachel Spieldoch, Rayni Teeter 1999-00: Angela Botts, Kevin Halsey, Tanya Jones, David McGee, Ryan McWilliams, John Oberlin 2001-02: Ekpe Akpaffiong, Elizabeth Clarkson, Jennifer Elliott, Benjamin Matt Howe, Julia Hunter, James Sterner 2002-03: Benjamin Matt Howe (M2), Sarah Calhoun, Devin Campbell, Shawn Cox, David ("Trey") James, Oyebola ("Bola") Oladiran, Cary Sanders 2003-04: Ivan Begov, David Fileke, Bryant Pryor, Brandon Roller, Claudia Espinosa-Nicholas 2004-05: Jason Edmonds, Alfred Johnson, Rubin Moore, Sheela Raikar, Jeff Spear, Amy Youngyeun, 2005-06: Abdillahi Abdinoor, James Alaly, Aja Boyd, Kene Chukwuonu, Kevin Stockard, Jennifer Thomas 2006-07: Joliette Barnum, Evan Cameron, Amanda Diaguila, James ("Alex") Hunter, Donald Keen, Dale Okorodudu, Kerri Thurmon (M2) 2007-08: Jenny Buck (M2), Matthew Johnson (M2), Aaron Whiting (M2) 2008-09: Noah Wald-Dickler, Nicholas Wirtz, Jeffrey Saeks 2009-10: Aneel Jiwanlal, Jack Short, Elizabeth Gorbe, Rose Thaisrivongs, Teresa Backes, Jayashree Gowda 2010-11: Christopher Cates, Alice Huang, Dawit Demissie, Robin Lund, Shannon Kopsky, Veronica Conaway 2011-12: Angela Pullen, Nandan Prasad, Lilian Lwin (M2), Amy Boxer, Matthew Bartley 2012-13: Nathaniel Moulton, Ann Lottes, Robert Wiggan, Lisa Brown, Victoria Levasseur	1993 - 2013
Clinical Advisor, UMC Medical Student, Blake Alexander	1993 - 1995
Clinical Advisor, UMC Medical Student, Levonne Lee	1993 - 1995
Research Supervisor, Student Fellow, Tiffany M. Garrett, Xavier University of Louisiana and University of Missouri Premedical Sciences Enrichment Program	1995

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Master's Thesis Candidate, Psychology Graduate Student, Anita J. Sarno	1996 - 1998
Clinical Advisor, UMC Medical Student, Tyler Brundige	1996 - 1998
Clinical Advisor, UMC Medical Student, Jason Burns	1996 - 1998
Faculty Preceptor: Parkade Elementary School " <i>Shadow Program: Our Community Celebrating the Dream</i> " (coordinator, Sky Jiminez, MEd)	1997 - 2013
Master's Thesis Candidate, Psychology Graduate Student, Douglas C. Sonnenberg	1997 - 2003
Master's Thesis Candidate, Psychology Graduate Student, Marsha R. Goodman-Wood	1997 - 1998
Faculty Preceptor, UMC Undergraduate Student, Jacqueline Ivy	1998 - 1999
Clinical Advisor, UMC Medical Student, Wesley Mills	1999
Research Advisor, UMC Medical Student, Rachel Spieldoch	1999
Clinical Advisor, UMC Medical Student, Michelle E. Guy	1999 - 2000
Research Advisor, UMC Medical Student, Christine A. DeWitt	1999 - 2002
Research Advisor, UMC Medical Student, Kevin M. Faber	2000 - 2002
Master's Thesis Candidate, Psychology Graduate Student, Elizabeth Stepp	2001 - 2005
Research Advisor, UMC Medical Student, Holly H. Hare	2002 - 2003
Research Advisor, UMC Medical Student, Bhavya R. Shah	2002 - 2003
Teaching Faculty (Preceptor), <u>SNMA University of Missouri Minorities in Medicine Outreach</u> 2004: Jessica Blount, Nkanyezi (Emily) Ngwenyama 2005: Alicia Barnes	2004 - 2005
Research Advisor, UMC Medical Student, Brandon Roller	2005
Research Advisor, UMC Medical Student, Jacob K. Thomas	2005 - 2007
Research Advisor, UMC Medical Student, Melissa J. Smarr	2005 - 2007
Research Advisor, Ophthalmology Resident, Meredith Diehl Brena, MD	2005 - 2007
Research Advisor, Ophthalmology Resident, Ryan Lapour, MD	2005 - 2007
Doctorate Thesis Candidate, Psychology Graduate Student, Jun Zhao <i>"Binocular rivalry and hemianopsia/Unconscious vision: Insight from Blindsight using stereogram"</i>	2006 - 2007
Research Advisor, Neurology Resident, Ayman Omar, PhD, MD	2006 - 2007
Supervisor, Hickman High School Student, Cortega Gant	2006

Research Advisor, Ophthalmology Resident, John Odette, MD	2007 – 2011
Research Advisor, UMC Undergraduate Student, Meredith Johnson	2008 – 2011
Research Advisor, UMC Psychology Graduate Student, Gabriella Johnson	2008 – 2011
Research Advisor, UMC Medical Student, Dale Okorodudu	2008 – 2011
Research Advisor, Neurology & Ophthalmology Resident, Chetan Soni, MD,MS,MHA	2007 – 2013
Research Advisor, UMC Medical Student, Gabriella Johnson	2011 – 2013
Research Advisor, Emory University MPH graduate Student, Meredith Johnson, BS	2011 – 2013
Research Advisor, Ophthalmology Resident, Deanna Harris-Lytle, MD	2012 – Present

**EDITORIAL BOARD REVIEW AND GRANT REVIEW COMMITTEE**

Scientific Reviewer, <u>American Journal of Ophthalmology</u>	1990 - Present
Scientific Reviewer, <u>Neuro-Ophthalmology</u>	1990 - Present
Member, Editorial Board <u>Neurology Update</u>	1992 - 1994
Scientific Reviewer, <u>Survey of Ophthalmology</u>	1992 - 1996
Scientific Reviewer, <u>Journal of Family Practice</u>	1993 - Present
Grant Reviewer, National Institutes of Health (N.I.H.), National Eye Institute, Special Review Committee SRC-04	1993
Grant Reviewer, University of Missouri MU Research Board	1993-2013
Book Reviewer, <u>Lea &amp; Febiger, Inc</u>	1994
Book Reviewer, <u>Raven Press</u>	1994
Scientific Reviewer, <u>Ophthalmology</u>	1995-Present
Grant Reviewer, The Wellcome Trust (London, England)	1995
Scientific Reviewer, <u>Journal of Glaucoma</u>	1996
Scientific Reviewer, <u>Southern Medical Journal</u>	1999-2008
Scientific Reviewer, <u>Journal of the National Medical Association</u>	1999-Present
Scientific Reviewer, <u>Investigative Ophthalmology &amp; Visual Science</u>	2000

Editorial Board, <u>Journal of the National Medical Association</u>	2000-2004
Scientific Reviewer, <u>British Journal of Ophthalmology</u>	2001-Present
Editorial Board, <u>Glaucoma Management News</u> (Slack, Inc.)	2002-2006
Scientific Reviewer, <u>Journal of Neuro-Ophthalmology</u>	2002-Present
Scientific Reviewer, <u>Ocular Immunology and Inflammation</u>	2005-2009
Scientific Reviewer, <u>Journal of Laboratory and Clinical Medicine</u>	2005-2009
Scientific Reviewer, <u>Archives of Ophthalmology</u>	2005-Present
Scientific Reviewer, <u>Expert Review of Ophthalmology</u>	2006-2009
Scientific Reviewer, <u>European Journal of Ophthalmology</u>	2007-Present
Scientific Reviewer, <u>Neuro-Ophthalmology</u>	2007-Present
Scientific Reviewer, <u>Survey of Ophthalmology</u>	2008-Present
Scientific Reviewer, <u>Journal of Psychosomatic Research</u>	2009-Present
Scientific Reviewer, <u>Journal of Research in Medical Sciences</u>	2009
Scientific Reviewer, <u>Journal of Child Neurology</u>	2009
Scientific Reviewer, <u>Japanese Journal of Ophthalmology</u>	2010-Present
Scientific Reviewer, <u>Journal of Clinical and Experimental Ophthalmology</u>	2011-Present
Scientific Reviewer, <u>Ophthalmic and Physiological Optics</u>	2012-Present
Scientific Reviewer, <u>Eye</u>	2013-Present

**RESEARCH SUPPORT**

Lovastatin Expanded Use Trial-Protocol 022. Ophthalmic Consultant. (\$ 10,000). Merck, Sharp and Dohme.	1987 - 1990
Research in Amblyopia and Ocular Motility. Principal Investigator (\$ 11,000). Pennsylvania Lions Eye Foundation.	1988 - 1990
Tenidap Sodium Anti-Inflammatory Oral. Ophthalmic Consultant (\$2,000). Pfizer, Inc.	1989 - 1990
Co-Investigator, Prestimulus Modulation of Reflexive and Voluntary Reactions. NIH FIRST Award (\$483,000)	1991 - 1996

granted to Steve Hackley, Ph.D., Principal Investigator.

Principal Investigator, Ischemic Optic Neuropathy Decompressive Trial (IONDT)  
NIH National Eye Institute Clinical Trial grant (\$103,000) 1992 - 1996

Principal Investigator, Levodopa - Ischemic Optic Neuropathy (LION) Multicenter Trial 1995 - 1996

Co-Investigator with Steven Horowitz, MD: Avonex (Interferon  $\beta$ -1a) Treatment  
Following a First, Isolated, Demyelinating Event. Biogen, Inc (Cambridge, MA) 1996 - 2000

Principal Investigator, Ischemic Optic Neuropathy Decompressive Trial (IONDT)  
Follow-up Study, NIH National Eye Institute Clinical Trial grant (\$27,000) 1996 - 2000

Co-Investigator with Gabriele Gratton, MD, PhD and fMRI Research Group:  
fMRI Center Research Grant: University of Missouri Research Board (\$90,000) 1997 - 1999

Principal/Co-Investigator, Eli Lilly Pharmaceutical Collaborative Clinical Trial  
"Protein Kinase C $\beta$  Inhibitor (LY333531) for the Treatment of Moderate to  
Severe Nonproliferative Diabetic Retinopathy" (\$170,640) 1998 - 2000

Principal/Co-Investigator, Eli Lilly Pharmaceutical Collaborative Clinical Trial  
"Protein Kinase C $\beta$  Inhibitor (LY333531) for Diabetic Macular Edema" (\$145,390) 1998 - 2003

Principal Investigator, Allergan Pharmaceutical Collaborative Clinical Trial  
"A Multicenter, Double-Masked, Randomized, Parallel, Vehicle-Controlled Study of the  
Safety and Efficacy of 3 Months Treatment of 0.2% Brimonidine-PuriteJ for the Treatment  
of Acute Nonarteritic Anterior Ischemic Optic Neuropathy (NAION)" (\$ 34,873) 2000 - 2001

The Treatment of Optic Neuritis and Other Neurological Events with Corticosteroid  
("TONNEC") Multicenter Clinical Trial (submitted, unfunded \$34.2M, NIH-National Institute of  
Neurological Disorders and Stroke [NINDS]) 2005

Prospective Randomized 12-week Controlled Study of Visual Field Change in Subjects  
With Partial Seizures Receiving Pregabalin or Placebo (Pregabalin # A0081096)  
– Pfizer (\$143,599) 2006 - 2008

Comprehensive Ophthalmology Resident Education (CORE) Grant - Allergan, Inc (\$5,000) 2007

Treatment of Optic Neuritis with Intermittent Pulse Corticosteroid (TONIC)  
(submitted for an NIH Director's Pioneer Award, \$2.5M) 2008

Comprehensive Ophthalmology Resident Education (CORE) Grant - Alcon, Inc (\$23,575) 2008

Comprehensive Ophthalmology Resident Education (CORE) Grant - Allergan, Inc (\$5,000) 2008

Case-Crossover Study of PDE5 Inhibitor Exposure as a Potential "Trigger Factor"  
for Acute NAION (Phase 4 Study) – Pfizer 2009

Principal Investigator, NIH NEI-Sponsored NORDIC Idiopathic Intracranial Hypertension  
Treatment Trial (IIHTT): Phase II, Multicenter, Double-blind, Randomized, Placebo-controlled  
Study of Weight-Reduction and/or Low Sodium Diet plus Acetazolamide vs Diet plus Placebo  
in Subjects with IIH and Mild Visual Loss. (\$49,980) 2009 - 2011

Principal Investigator, Phase I, Open-Label Dose Escalation Trial of QPI-1007 Delivered by a Single Intravitreal Injection to Patients with Optic Nerve Atrophy (Stratum I) and Acute Nonarteritic Anterior Ischemic Optic Neuropathy (Stratum II) - Quark Pharmaceutical (\$41,435) 2009 - 2013

Principal Investigator, "Mapping the Genome of Normal Facial Features and Building a FaceGene Biometric Database" (Submitted for Mizzou Advantage Understanding and Managing Disruptive and Transformational Technologies Grant Award) 2011

Principal Investigator, "Unraveling the Visual Memory Storage Capacity of Retinal Photoreceptor Outer Segment Discs" (Submitted to National Eye Institute (NEI) Challenge to Identify Audacious Goals in Vision Research and Blindness Rehabilitation) 2012

### **INVENTIONS**

FiberOptic Video Enhanced Accessory (FOVEA) Delivery System 1990  
PSU Invention Disclosure 89-944

Relative Afferent Pupillary (RAPD) Measuring Device 1994  
UMC Invention Disclosure 95UMC002

Method of Treating Essential Blepharospasm, Hemifacial Spasm, Dystonias, and Tics 2007  
UM Invention Disclosure No. 08UMC008

Dry Eye Relief Treatment 2007  
UM Invention Disclosure No. 08UMC009

Next Generation Facial Imagery Reconstruction Solution Technology™ (NextGen FIRST™) 2010  
UM Invention Disclosure No. 11UMC007

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101. McKoy JM, Raisch DW, Gonzalez CM, Johnson LN, Liebling DB, Edwards BJ, Irizarry LD, Fisher MJ, Garg V, Belknap SM, Tulas KM, McKoy JM, Samaras AT, Granieri MA, Deeb M, West DP. PDE-5 Inhibitors are Implicated in Optic Neuropathy: A Brief Report from the Research and Adverse Drug Events and Reports (RADAR) Project. (Submitted to BMJ Evidence Based Medicine)
102. Enzeate T, Sundry MD, Lucchese J, Johnson LN. Tolosa Hunt Syndrome. *Missouri Hospitalist* (accepted for publication)
103. Harris-Lytle D, Johnson LN, Petroski GF. Visual Recovery and Optical Coherence Tomography Changes Following Treatment of Nonarteritic Anterior Ischemic Optic Neuropathy with Levodopa, Allopurinol and Tetracycline. (Submitted for publication)
104. Johnson GM, Johnson LN, Madsen RW, Hale JD. Alteration of Sleep Pattern Following Influenza Virus Immunization: Increased Wakefulness as a New Sign Identifying the Onset of Illness (In Preparation).
105. Johnson LN. Parapapillary Migration of Optic Nerve Head Drusen (In Preparation).

**NON-REFEREED PUBLICATIONS:**

106. Johnson LN, Krohel GB, Wirth C. Cranio-diaphyseal Dysplasia: A Tough Bone to Crack [abstract]. *Frank*

B. Walsh Society Meeting Abstract, 1984, p.7.

107. Johnson LN, Yee RD, Weissman BA, Hepler RS, Martin DA. Contact Lens Correction of Aphakic Infants and Children: Early Behavioral and VEP Results [abstract]. The Digest 1988;6:16-7.
108. Johnson LN. Pupillary Clues in Neuro-Ophthalmic Disorders. Audio-Digest: Ophthalmology 27(4), 1989.
109. Johnson LN, Nizam RAA, Baker SR. Perspectives on Nonarteritic Anterior Ischemic Optic Neuropathy. Ophthalmology Times 1998(March 1):8-10.
110. Johnson LN. The Path to Ophthalmology: High School and Beyond. In: D Quinn, C Roof-Schreiber (eds), Career Paths to the Future CD-ROM. Career Paths to the Future, LLC; 1999.
111. DuBosar R, (Johnson LN). Levodopa May Improve Some Ischemic Optic Neuropathies. Ocular Surgery News 2000(February 1);18:70.
112. DuBosar R, (Johnson LN). Aspirin May Not Prevent Ischemic Cranial Nerve Palsies. Ocular Surgery News 2000(February 1);18:72.
113. Guttman CK, (Johnson LN). Levodopa May Help Vision in Patients with NAION. Ophthalmology Times 2000(March 15);25:30.
114. Johnson LN. Dead-heat Election Sets Precedent for the Future. Columbia Daily Tribune 2000 (November 16):6A.
115. Hoelscher JD,(Johnson LN). MU Physician Chronicles African American in Medicine. InSight: University of Missouri Health Care 2002 (August 23).
116. Johnson LN. Optic Neuritis Treatment Trials. Audio-Digest: Ophthalmology 41(23), December 7, 2003.
117. Johnson LN. Hamlet Meets NAION (Nonarteritic Anterior Ischemic Optic Neuropathy). Audio-Digest: Ophthalmology 42(4), February 21, 2004.
118. DuBiner H, Johnson LN, Schacknow PN. Practical considerations in glaucoma treatment. Glaucoma Management News. September 2004;2:1-2.
119. Johnson LN. The Influence of Race on Glaucoma and Optic Nerve Cup:Disc Ratio. Glaucoma Management News. March 2005;3:1-10.
120. Guttman CK, (Johnson LN). Post-marketing Surveillance Reveals New Information on Amiodarone Optic Neuropathy. EuroTimes October 2006;11:33.
121. Johnson LN, (Winnington P). Co-existent Optic Nerve Drusen in a Patient with Idiopathic Intracranial Hypertension (Pseudotumor Cerebri). Practical Neurology 2009:28-30.

**PRESENTATIONS:**

"Purulent Leptomenigitis and Late Cerebrospinal Eosinophilia in Cysticercosis": Albany Ophthalmology Update, (Stratton, Vermont), August 21, 1982.

"Sinus Tumors Invading the Orbit": American Academy of Ophthalmology Meeting, (Chicago, Illinois), November 1983. Co-Presenter GB Krohel, M.D, EB Yeon, and SM Parnes SM, MD.

"Cranio-Diaphyseal Dysplasia: A Tough Bone to Crack": Frank Walsh Neuro-Ophthalmology Society Meeting, (Cleveland, Ohio), February 1984. Co-Presenter GB Krohel, M.D, and C Wirth, MD.

"Sequential III and II Dysfunction (with Pain and Emesis)": Eighteenth Annual Frank Walsh Neuro-Ophthalmology Society Conference, (Seattle, Washington), February 21, 1986.

Invited Lecturer. "An Ophthalmological Case with Neurological Importance": University of California Irvine Medical Center, (Orange, California), May 21, 1986.

"Alteration of the Visual Evoked Potential by Macular Holes": Albany Ophthalmology Update, (Sturbridge, Massachusetts), August 17, 1986.

"The Impossible Craniopharyngioma": Sixth International Neuro-Ophthalmology Society Congress, (Hakone, Japan), June 13, 1986. Co-Presenter RS Hepler, MD, RD Yee, MD, JG Frazee, MD, and KB Simons, MD.

Invited Lecturer. "Temporal Hemianopsia in a Young Woman": Third Annual Geisinger Neuro-Ophthalmology Seminar, (Danville, Pennsylvania), September 17, 1986.

"Alteration of the Visual Evoked Potential by Macular Holes: Comparison with Optic Neuritis": Third International Evoked Potential Symposium, (West Berlin, Germany), September 29, 1986.

Invited Lecturer. "Dysthyroid Ophthalmopathy": Harrisburg Ophthalmological Society Meeting, (Harrisburg, Pennsylvania), January 20, 1987.

Invited Lecturer. "Diplopia - Pitfalls in Diagnosis": Reading Eye-Ear-Nose-and-Throat Society Meeting, (Reading, Pennsylvania), February 18, 1987.

Invited Lecturer. "Cranial Nerve Palsy": Jules Stein Eye Institute Annual Postgraduate Seminar: Advances in Neuro-Ophthalmology, (Los Angeles, California), April 11, 1987.

Invited Lecturer. "Progressive External Ophthalmoplegia": Jules Stein Eye Institute Annual Postgraduate Seminar: Advances in Neuro-Ophthalmology, (Los Angeles, California), April 11, 1987.

Invited Lecturer. "New Trends in Visual Field Testing": Endocrinology Meeting, The Milton S. Hershey Medical Center, (Hershey, Pennsylvania), May 20, 1987.

"Transient Oculomotor Nerve Misdirection in a Case of Pituitary Tumor with Hemorrhage": Pennsylvania Academy of Ophthalmology and Otolaryngology, (Bedford, Pennsylvania), June 12, 1987. Co-presenter WL Pack, MD.

"Correlation of Afferent Pupillary Defect with Visual Field Loss on Automated Perimetry": Pennsylvania Academy of Ophthalmology and Otolaryngology, (Bedford, Pennsylvania), June 12 1987. Co-presenter RA Hill, MD.

"Alteration of the Visual Evoked Potential by Macular Holes: Comparison with Optic Neuritis": Pennsylvania Academy of Ophthalmology and Otolaryngology, (Bedford, Pennsylvania), June 12, 1987.

Invited Lecturer. "Cranial Nerve Palsy": Beth Israel Medical Center, (New York, New York), June 20, 1987.

Invited Lecturer. "Evaluation and Management of Dysthyroid Orbitopathy": Ophthalmology Grand Rounds, (Hershey, Pennsylvania), July 29, 1987. Co-Presenter JJ Schietroma, MD.

Invited Lecturer. "Automated Perimetry in Neuro-Ophthalmology": Geisinger Neuro-Ophthalmology Seminar, (Danville, Pennsylvania), September 23, 1987.

Organizer and Lecturer, Annual Neuro-Ophthalmology Conference, (Hershey, Pennsylvania), October 7, 1987.

"Magnetic Resonance Imaging in Pituitary Apoplexy": American Academy of Ophthalmology Meeting, (Dallas, Texas), November 7-13, 1987.

"Retinitis Pigmentosa Presenting as Hemianopsia Respecting the Vertical Meridian": American Academy of Ophthalmology Meeting, (Dallas, Texas), November 7-13, 1987.

"Correlation of Afferent Pupillary Defect with Visual Field Loss on Automated Perimetry": American Academy of Ophthalmology Meeting, (Dallas, Texas), November 7-13, 1987.

Invited Lecturer. "Nystagmus": Otolaryngology Conference, (Hershey, Pennsylvania), December 8, 1987.

Invited Lecturer. "Cranial Nerve Palsy": Lancaster Ophthalmological Society Meeting, (Lancaster, Pennsylvania), April 6, 1988.

"Correlation of Afferent Pupillary Defect with Visual Field Loss on Automated Perimetry, Part II": 1988 Neuro-Ophthalmology Congress, (Vancouver, British Columbia), May 7, 1988. Co-Presenter RA Hill, MD.

"Primary Aberrant Regeneration: You Learn After Two": 1988 Neuro-Ophthalmology Congress, (Vancouver, British Columbia), May 8, 1988.

"The Effects of Luminance and Color on Measurement of the Relative Afferent Pupillary Defect": 1988 Neuro-Ophthalmology Congress, (Vancouver, British Columbia), May 9, 1988.

"Confrontation Visual Field Test in Comparison With Automated Perimetry": 1988 Neuro-Ophthalmology Congress, (Vancouver, British Columbia), May 10, 1988. Co-Presenter FG Baloh.

Invited Lecturer. "Cranial Nerve Palsy": Central Pennsylvania Optometry Society Meeting, (Harrisburg, Pennsylvania), May 16, 1988.

Invited Lecturer. "Neuro-ophthalmic Manifestations of Multiple Sclerosis": Multiple Sclerosis Society Meeting, (Hershey, Pennsylvania), May 26, 1988.

"Relative Scotoma and Statokinetic Dissociation (Riddoch's Phenomenon) from Occipital Lobe Dysfunction": Pennsylvania Academy of Ophthalmology and Otolaryngology, (Hershey, Pennsylvania), June 10, 1988. Co-Presenter JI Finkelstein, MD.

"Correlation of Afferent Pupillary Defect with Visual Field Loss on Automated Perimetry, Part II": Pennsylvania Academy of Ophthalmology and Otolaryngology, (Hershey, Pennsylvania), June 10, 1988. Co-Presenter RA Hill, MD.

"Confrontation Visual Field Test in Comparison with Automated Perimetry": Pennsylvania Academy of Ophthalmology and Otolaryngology, (Hershey, Pennsylvania), June 10, 1988.

"The Effects of Luminance and Color on Measurement of the Relative Afferent Pupillary Defect": Pennsylvania Academy of Ophthalmology and Otolaryngology, (Hershey, Pennsylvania), June 10, 1988. Co-Presenter CA Dellone, MD.

Organizer and Lecturer, Annual Neuro-Ophthalmology Conference, (Hershey, Pennsylvania), August 31-September 1, 1988.

"Correlation of Afferent Pupillary Defect with Visual Field Loss on Automated Perimetry, Part II": American Academy of Ophthalmology Meeting, (Las Vegas, Nevada), October 7-12, 1988.

"Accuracy of Papilledema Detection: A Multispecialty Study (Preliminary)": American Academy of Ophthalmology Meeting, (Las Vegas, Nevada), October 7-12, 1988.

"Isolated Inferior Oblique Paresis from Brainstem Infarction: Perspectives on Oculomotor Fascicular Organization in the Ventral Midbrain Tegmentum": Pennsylvania Academy of Ophthalmology and Otolaryngology, (Pittsburgh, Pennsylvania), April 13, 1989.

"Cranial Nerve Paresis Following Epidural and Spinal Anesthesia": Pennsylvania Academy of Ophthalmology and Otolaryngology, (Pittsburgh, Pennsylvania), April 13, 1989. Co-Presenter AS Whiting, MD.

Invited Lecturer. "Cranial Nerve Palsy": Lehigh Valley Ophthalmology Society Meeting, (Bethlehem, Pennsylvania), July 11, 1989.

Invited Lecturer. "Oculomotor Nerve Organization and Syndromes": National Medical Association Convention, (Orlando, Florida), July 17, 1989.

Invited Lecturer. "Oculomotor Nerve Organization and Syndromes": Geisinger Neuro-Ophthalmology Conference, (Danville, Pennsylvania), September 13, 1989.

"A Routine Case of Acquired Hyperopia (Malignant Rhabdoid Tumor)?: Frank Walsh Neuro-Ophthalmology Society Meeting, (Indianapolis, Indiana), February 17, 1990.

"Neuro-ophthalmologic Manifestations of Presumed Low Intracranial Pressure Syndrome following Ventriculoperitoneal Shunt for Hydrocephalus": Pennsylvania Academy of Ophthalmology and Otolaryngology, (Hershey, Pennsylvania), June 22, 1990. Co-Presenter MD Ringel.

"Accuracy of Papilledema Detection: A Multi-Specialty Study": International Neuro-Ophthalmology Symposium, (Winchester, England), June 26, 1990.

"Neuro-ophthalmologic Manifestations of Presumed Low Intracranial Pressure following Ventriculoperitoneal Shunt for Hydrocephalus": International Neuro-Ophthalmology Symposium, (Winchester, England), June 26, 1990.

Organizer and Lecturer, Neuro-Ophthalmology Postgraduate Course and Scientific Assembly of the National Medical Association Convention, "Practical Approach to Automated Perimetry" (Las Vegas, Nevada), July 31, 1990.

"Accuracy of Papilledema Detection: A Multi-Specialty Study": Missouri Ophthalmological Society Meeting (Kansas City, Missouri), April 6, 1991.

Invited Lecturer. "Accuracy of Papilledema Detection": University of Iowa Hospital and Clinics (Iowa City, Iowa), May 9, 1991.

Invited Keynote Speaker. "I Dare You" High School Graduation Award Ceremony: Rock Bridge/Hickman High Schools (Columbia, Missouri), June 2, 1991.

Organizer and Lecturer, Neuro-Ophthalmology Postgraduate Course and Scientific Assembly of the National Medical Association Convention, (Indianapolis, Indiana), July 28-29, 1991.

Invited Lecturer. "Health Issues in the Black Community: Glaucoma": University of Missouri-Columbia (Columbia, Missouri), February 3, 1992.

"Papilledema: A Slide Expose": University of Missouri-Columbia (Columbia, Missouri), March 8, 1992.

"Intermittent Versus Continuous Patient Monitoring on Visual Field Reliability Indices During Automated Perimetry": Association for Research in Vision and Ophthalmology (Sarasota, Florida), May 8, 1992.

"Incidence of Nonarteritic and Arteritic Anterior Ischemic Optic Neuropathy": International Neuro-Ophthalmology Society Meeting (Williamsburg, Virginia), June 30, 1992.

"Intermittent Versus Continuous Patient Monitoring on Visual Field Reliability Indices During Automated Perimetry": International Neuro-Ophthalmology Society Meeting (Williamsburg, Virginia), June 30, 1992.

"Incidence of Nonarteritic Anterior Ischemic Optic Neuropathy": American Academy of Ophthalmology Meeting (Dallas, Texas), November 7-12, 1992.

"Intermittent Versus Continuous Patient Monitoring on Visual Field Reliability Indices During Automated Perimetry": American Academy of Ophthalmology Meeting (Dallas, Texas), November 7-12, 1992.

Invited Lecturer. "Anterior Ischemic Optic Neuropathy with a Touch of Papilledema": Family and Community Medicine Conference, University of Missouri-Columbia (Columbia, Missouri), January 26, 1993.

Invited Lecturer. "Anterior Ischemic Optic Neuropathy": Neurology-Neurosurgery Conference, University of Missouri-Columbia (Columbia, Missouri), January 28, 1993.

Invited Lecturer. "Health Concerns in the Minority Community: Ischemic Optic Neuropathy and Glaucoma": University of Missouri-Columbia (Columbia, Missouri), February 12, 1993.

Invited Lecturer. "Vision: How Do We See? What is Glaucoma?": Mill Creek Elementary School (Columbia, Missouri), March 4, 1993.

Invited Lecturer. "Vision, Diabetic Retinopathy, and Glaucoma": Girl Scout Meeting (Columbia, Missouri), March 23, 1993.

"Incidence and Risk Factors of Nonarteritic Anterior Ischemic Optic Neuropathy": Missouri Ophthalmological Society Meeting (Lake of Ozarks, Missouri), April 3, 1993.

Organizer and Lecturer, Neuro-Ophthalmology Postgraduate Course and Scientific Assembly of the National Medical Association Convention, (San Antonio, Texas), August 7-12, 1993.

Invited Lecturer. "Vision: How Do We See? What is Glaucoma?": Christian Chapel Academy DLC (Columbia, Missouri), February 18, 1994.

Invited Lecturer. "Diplopia": Internal Medicine Conference, University of Missouri-Columbia (Columbia, Missouri), March 2, 1994.

Organizer, Neuro-Ophthalmology Conference (H. Stanley Thompson, MD), Mason Eye Institute, University of

Missouri-Columbia (Columbia, Missouri), March 26, 1994.

"Oops! You Shouldn't Stick it Up His Nose! (Pituitary Arteriovenous Malformation)": Frank B. Walsh Neuro-Ophthalmology Society Meeting, (Chicago, Illinois), April 9, 1994. Co-Presenter TJ Gould, MD and EV Colapinto, MD.

"Recurrent Herpes Labialis is a Risk Factor for Nonarteritic Anterior Ischemic Optic Neuropathy": Association for Research in Vision and Ophthalmology (Sarasota, Florida), May 2, 1994.

"Polysomnographic Sleep Evaluation in Patients with Nonarteritic Anterior Ischemic Optic Neuropathy": Association of Professional Sleep Societies Meeting (Boston, Massachusetts), June 6, 1994. Co-Presenter PK Sahota, MD.

"Recurrent Herpes Labialis is a Risk Factor for Nonarteritic Anterior Ischemic Optic Neuropathy": International Neuro-Ophthalmology Society Meeting (Freiburg, Germany), June 9, 1994.

"Optic Nerve Compression by a Dolichoectatic Internal Carotid Artery": International Neuro-Ophthalmology Society Meeting (Freiburg, Germany), June 10, 1994. Co-Presenter EV Colapinto, MD.

"Recurrent Herpes Labialis is a Risk Factor for Nonarteritic Anterior Ischemic Optic Neuropathy": Mason Eye Institute Alumni Conference, University of Missouri-Columbia (Columbia, Missouri), June 18, 1994.

"Recurrent Herpes Labialis and Nonarteritic Anterior Ischemic Optic Neuropathy": National Medical Association Convention, (Orlando, Florida), July 25, 1994.

"Patients Perceive Reduced Headaches following Optic Nerve Sheath Decompression": American Society of Ophthalmic Plastic and Reconstruction Society, (San Francisco, California), October 29, 1994. Co-Presenter JA Khan, MD.

"Recurrent Herpes Labialis and Nonarteritic Anterior Ischemic Optic Neuropathy": American Academy of Ophthalmology (San Francisco, California), November 1, 1994.

Invited Lecturer. "How Do We See. Introduction to Neuro-Ophthalmology": Mill Creek Elementary School (Columbia, Missouri), December 9, 1994.

Invited Lecturer. "Ischemic Optic Neuropathy - What's New?" Neurology-Neurosurgery Grand Rounds, University of Missouri-Columbia (Columbia, Missouri), February 9, 1995.

Invited Lecturer. "Vision & a View of Jamaica": Mill Creek Elementary School (Columbia, Missouri), February 10, 1995.

Moderator, Managed Care Panel Discussion: "Impact of Managed Care on the Underserved Community and its Affect on Young Minority Physicians": University of Missouri-Columbia and Student National Medical Association, (Columbia, Missouri), February 10, 1995.

"Confrontation Visual Field Loss as a Function of Decibel Sensitivity Loss on Automated Static Perimetry: Implications on the Accuracy of Confrontation Visual Field Testing": North American Neuro-Ophthalmology Society Meeting (Tucson, Arizona), February 20, 1995.

"The Relative Afferent Pupillary Defect May Be a Test of Visual Cortex Binocular Cell Activity: A Novel Method of Fusion Recovery with Worth 4-Dot Test": North American Neuro-Ophthalmology Society Meeting (Tucson, Arizona), February 21, 1995.

"Levodopa/Carbidopa Improves Visual Function in Patients with Nonarteritic Anterior Ischemic Optic Neuropathy of Greater than 6 Months Duration": North American Neuro-Ophthalmology Society Meeting (Tucson, Arizona), February 22, 1995.

"Confrontation Visual Field Loss as a Function of Decibel Sensitivity Loss on Automated Static Perimetry: Implications on the Accuracy of Confrontation Visual Field Testing": Missouri Ophthalmological Society Meeting (St. Louis, Missouri), March 25, 1995.

"Levodopa/Carbidopa Improves Visual Function in Patients with Nonarteritic Anterior Ischemic Optic Neuropathy of Greater than 6 Months Duration": Missouri Ophthalmological Society Meeting (St. Louis, Missouri), March 25, 1995. Co-presenter TJ Gould, MD.

Invited Lecturer. "Cranial Nerve Palsies and Extraocular Movement Measurement Techniques": Educational Review Series for Ophthalmic Medical Personnel, University of Missouri-Columbia (Columbia, Missouri), March 30, 1995.

Moderator, Optic Neuropathy Symposium, Association for Research in Vision & Ophthalmology (ARVO), (Ft. Lauderdale, Florida), May 15, 1995.

"Levodopa/Carbidopa Improves Visual Function in Patients with Nonarteritic Anterior Ischemic Optic Neuropathy of Greater than 6 Months Duration": Association for Research in Vision & Ophthalmology, (Ft. Lauderdale, Florida), May 15, 1995. Co-presenter TJ Gould, MD.

"Comparison of Cold Versus Room Temperature Culture Media on the Isolation and Growth of Common Ocular Pathogens": Association for Research in Vision & Ophthalmology, (Ft. Lauderdale, Florida), May 17, 1995. Co-presenter LK Bergstrom, MD.

"Confrontation Visual Field Loss as a Function of Decibel Sensitivity Loss on Automated Static Perimetry: Implications on the Accuracy of Confrontation Visual Field Testing": Association for Research in Vision & Ophthalmology, (Ft. Lauderdale, Florida), May 15, 1995. Co-presenter S. Shahinfar, MD.

"The Relative Afferent Pupillary Defect May Be a Test of Visual Cortex Binocular Cell Activity: A Novel Method of Fusion Recovery with Worth 4-Dot Test": Association for Research in Vision & Ophthalmology, (Ft. Lauderdale, Florida), May 16, 1995.

"Photic Eye-blink Reflex in Patients with Homonymous Hemianopsia": Association for Research in Vision & Ophthalmology, (Ft. Lauderdale, Florida), May 17, 1995. Co-presenter SA Hackley, Ph.D.

"Confrontation Visual Field Loss as a Function of Decibel Sensitivity Loss on Automated Static Perimetry: Implications on the Accuracy of Confrontation Visual Field Testing": Mason Eye Institute Alumni Conference, University of Missouri-Columbia (Columbia, Missouri), June 10, 1995.

"Levodopa/Carbidopa Improves Visual Function in Patients with Nonarteritic Anterior Ischemic Optic Neuropathy of Greater than 6 Months Duration": American Academy of Ophthalmology, (Atlanta, Georgia), October 31, 1995. Co-presenter TJ Gould, MD.

"A Young Man with a Giant Lesion: Giant Cell Astrocytoma in Tuberculous Sclerosis": Frank B. Walsh Neuro-Ophthalmology Society Meeting (Salt Lake City, Utah), February 10, 1996. Co-presenter EV Colapinto, MD.

"Effect of Aspirin on the Visual Outcome of Nonarteritic Anterior Ischemic Optic Neuropathy": North American Neuro-Ophthalmology Society Meeting (Snowbird, Utah), February 11, 1996. Co-presenter PJ Botelho, MD.

Invited Lecturer. AOptic Neuritis@: Multiple Sclerosis Support Group, University of Missouri-Columbia (Columbia,

Missouri), February 25, 1996.

Invited Lecturer. "Optic Neuritis": Neurology-Neurosurgery Grand Rounds, University of Missouri-Columbia (Columbia, Missouri), April 18, 1996.

"The Cycling Phenomenon Pattern of Visual Field Loss on Automated Static Perimetry: Implication on the Neuroanatomy of the Optic Chiasm": Association for Research in Vision & Ophthalmology, (Ft. Lauderdale, Florida), April 25, 1996. Co-presenter W Yee, MD.

"The Cycling Phenomenon Pattern of Visual Field Loss on Automated Static Perimetry: Implication on the Neuroanatomy of the Optic Chiasm": National Medical Association Convention (Chicago, Illinois), July 31, 1996. Co-presenters W Yee, MD and EV Colapinto, MD.

"The Cycling Phenomenon Pattern of Visual Field Loss on Automated Static Perimetry: Implication on the Neuroanatomy of the Optic Chiasm": International Neuro-Ophthalmology Society Meeting (Sydney, Australia), August 15, 1996. Co-presenters W Yee, MD and EV Colapinto, MD.

Invited Lecturer. "Optic Neuritis & A Neuro-Ophthalmologic Case Presentations": Mid-America Retina and Neuro-Ophthalmology Conference (Kansas City, Missouri), September 21, 1996.

Invited Lecturer. "Optic Neuritis": M.S. Institute's Education Day (Columbia, Missouri), November 2, 1996.

"The Duration of Visual Improvement Following Levodopa and Carbidopa Use in Nonarteritic Anterior Ischemic Optic Neuropathy": North American Neuro-Ophthalmology Society Meeting (Keystone, Colorado), February 9, 1997. Co-presenter AG Lee, MD.

"Improvement of Visual Function in Nonarteritic Anterior Ischemic Optic Neuropathy": UCLA Research Symposium (Los Angeles, California), March 8, 1997.

Invited Lecturer. "Visual Processing": Neurology-Neurosurgery Grand Rounds, University of Missouri-Columbia (Columbia, Missouri), May 8, 1997.

"The Duration of Visual Improvement Following Levodopa and Carbidopa Use in Nonarteritic Anterior Ischemic Optic Neuropathy": Association for Research in Vision & Ophthalmology, (Ft. Lauderdale, Florida), May 15, 1997.

Invited Lecturer. "Understanding Vision: How Do We See?": Columbia Catholic School (Columbia, Missouri), May 29, 1997.

Invited Lecturer. "Visual Processing": Educational Course for Ophthalmic Medical Personnel, University of Missouri-Columbia (Columbia, Missouri), Sunday, June 1, 1997.

"L-Dopa and Ischemic Optic Neuropathy": Missouri Ophthalmological Society Meeting (Lake Ozark, Missouri), June 14, 1997.

"Levodopa and Ischemic Optic Neuropathy": Mason Eye Institute Alumni Conference, University of Missouri-Columbia (Columbia, Missouri), June 21, 1997.

"Optic Neuritis": PostGraduate Seminar, National Medical Association Convention (Honolulu, Hawaii), August 3, 1997.

"Ischemic Optic Neuropathy": PostGraduate Seminar, National Medical Association Convention (Honolulu, Hawaii), August 3, 1997.

“The Altitudinal Visual Field Defect - Etiology and Prognosis”: American Academy of Ophthalmology, (San Francisco, California), October 28, 1997. Co-presenter Robert L. Schultze, MD and Gregory B. Krohel, MD.

“Levodopa and Nonarteritic Anterior Ischemic Optic Neuropathy”: North American Neuro-Ophthalmology Society (Orlando, Florida), March 24, 1998. Co-presenters Gregory B. Krohel, MD, Andrew G. Lee, MD, Sylvia Orengo-Nania, MD, Richard W. Madsen, PhD, Valerie A. Purvin, MD, & Robert D. Yee, MD.

“The Role of Weight Loss & Acetazolamide in Idiopathic Intracranial Hypertension”: North American Neuro-Ophthalmology Society (Orlando, Florida), March 25, 1998. Co-presenters Gregory B. Krohel, MD, Richard W. Madsen, PhD, Glenville A. March, Jr., MD.

“The Role of Weight Loss & Acetazolamide in Idiopathic Intracranial Hypertension”: Association for Research in Vision & Ophthalmology, (Ft. Lauderdale, Florida), May 10, 1998. Co-presenters Gregory B. Krohel, MD, Richard W. Madsen, PhD, Glenville A. March, Jr., MD.

Section Co-Chair, “Optic Neuropathy Symposium”: International Neuro-Ophthalmology Society Meeting (Dublin, Ireland), July 20, 1998.

“Levodopa and Nonarteritic Anterior Ischemic Optic Neuropathy”: International Neuro-Ophthalmology Society Meeting (Dublin, Ireland), July 20, 1998. Co-presenters Gregory B. Krohel, MD, Andrew G. Lee, MD, Sylvia Orengo-Nania, MD, Richard W. Madsen, PhD, Valerie A. Purvin, MD, & Robert D. Yee, MD.

“The Role of Weight Loss & Acetazolamide in Idiopathic Intracranial Hypertension”: International Neuro-Ophthalmology Society Meeting (Dublin, Ireland), July 20, 1998. Co-presenters Gregory B. Krohel, MD, Richard W. Madsen, PhD, Glenville A. March, Jr., MD.

“The Role of Weight Loss & Acetazolamide in Idiopathic Intracranial Hypertension”: National Medical Association Convention (New Orleans, Louisiana), August 3, 1998. Co-presenters Gregory B. Krohel, MD, Richard W. Madsen, PhD, Glenville A. March, Jr., MD.

“The Role of Weight Loss & Acetazolamide in Idiopathic Intracranial Hypertension”: American Academy of Ophthalmology Meeting (New Orleans, Louisiana), November 10, 1998. Co-presenters Gregory B. Krohel, MD, Richard W. Madsen, PhD, Glenville A. March, Jr., MD.

Section Co-Chair, “Neurocutaneous Disorders - An Update”: North American Neuro-Ophthalmology Society Meeting (Snow Mass, Colorado), March 16, 1999.

Invited Faculty Panelist, University of Missouri-Columbia’s “High School Mini Medical School” (Columbia, Missouri), July 15 & 22, 1999.

“Aspirin: Its Role in the Management and Prevention of Ischemic Cranial Nerve Palsies”: National Medical Association Meeting (Las Vegas, Nevada), August 10, 1999. Co-presenters Gregory B. Krohel, MD, Steven W. Stetson, MD, Cheryl L. Cipollo, COA, and Richard W. Madsen, PhD.

“Levodopa May Improve Vision Loss From Recent Onset Nonarteritic Anterior Ischemic Optic Neuropathy”: National Medical Association Convention (Las Vegas, Nevada), August 10, 1999. Co-presenters Michelle E. Guy, BA.

Invited Lecturer, “Medico-Legal Issues: Functional Visual Loss”: American Academy of Ophthalmology Meeting (Orlando, Florida), October 26, 1999.

“Levodopa May Improve Vision Loss From Recent Onset Nonarteritic Anterior Ischemic Optic Neuropathy”: American Academy of Ophthalmology Meeting (Orlando, Florida), October 26, 1999. Co-presenters Michelle E. Guy, BA, Gregory B. Krohel, MD, and Richard W. Madsen, PhD.

“Aspirin: Its Role in the Management and Prevention of Ischemic Cranial Nerve Palsies”: American Academy of Ophthalmology Meeting (Orlando, Florida), October 26, 1999. Co-presenters Gregory B. Krohel, MD, Steven W. Stetson, MD, Cheryl L. Cipollo, COA, and Richard W. Madsen, PhD.

Invited Visiting Professor, “Comprehensive Neuro-Ophthalmology Course Syllabus”: Peoples Hospital of Beijing Medical University (Beijing, China), November 4-14, 1999.

“Visual Function in Optic Atrophy”: North American Neuro-Ophthalmology Society Meeting (Mt. Tremblant, Canada), March 26, 2000. Co-presenters Christine A. DeWitt, BA, Dana B. Schoenleber, MD, Dean P. Hainsworth, MD, and Richard W. Madsen, PhD.

“Levodopa May Improve Vision Loss From Recent Onset Nonarteritic Anterior Ischemic Optic Neuropathy”: North American Neuro-Ophthalmology Society Meeting (Mt. Tremblant, Canada), March 26, 2000. Co-presenters Gregory B. Krohel, MD, Richard W. Madsen, PhD, and Michelle E. Guy, BA.

“Visual Function in Optic Atrophy”: Association for Research in Vision & Ophthalmology, (Ft. Lauderdale, Florida), May 1, 2000. Co-presenters Christine A. DeWitt, BA, Dana B. Schoenleber, MD, Dean P. Hainsworth, MD, and Richard W. Madsen, PhD.

“Levodopa May Improve Vision Loss From Recent Onset Nonarteritic Anterior Ischemic Optic Neuropathy”: Association for Research in Vision & Ophthalmology, (Ft. Lauderdale, Florida), May 1, 2000. Co-presenters Gregory B. Krohel, MD, Richard W. Madsen, PhD, and Michelle E. Guy, BA.

“Visual Function in Optic Atrophy”: Mason Eye Institute Alumni Conference, University of Missouri-Columbia (Columbia, Missouri), June 17, 2000. Co-presenters Christine A. DeWitt, BA, Dana B. Schoenleber, MD, Dean P. Hainsworth, MD, and Richard W. Madsen, PhD.

“Nonorganic Visual Loss”: Mason Eye Institute Alumni Conference, University of Missouri-Columbia (Columbia, Missouri), June 17, 2000.

Ophthalmology Section Program Chair: National Medical Association Convention (Washington, D.C.), August 12-16, 2000.

“Nonorganic Visual Loss”: National Medical Association Convention (Washington, D.C.), August 14, 2000.

“Visual Function in Optic Atrophy”: National Medical Association Convention (Washington, D.C.), August 14, 2000. Co-presenters Christine A. DeWitt, BA, Dana B. Schoenleber, MD, Dean P. Hainsworth, MD, and Richard W. Madsen, PhD.

Invited Lecturer, “Personal Lifestyle Management: African Americans in Ophthalmology”: American Academy of Ophthalmology Meeting (Dallas, Texas), October 22, 2000.

Invited Visiting Professor, “African Americans in Ophthalmology: Progress and Challenges”: Albany Medical College (Albany, New York), February 28, 2001.

Invited Visiting Professor, “Ischemic Optic Neuropathy”: New York State Ophthalmological Society (Albany, New York), March 1, 2001.

Ophthalmology Section Program Chair: National Medical Association Convention (Nashville, Tennessee), August 4-9, 2001.

“Pseudotumor Cerebri: Weight Loss as Treatment”: Mason Eye Institute, University of Missouri-Columbia=s Robert Burns, M.D. & Lynette Feeney-Burns, Ph.D. Visiting Lecture Series (Columbia, Missouri), September 22, 2001.

Organizer, Mason Eye Institute, University of Missouri-Columbia’s Robert Burns, M.D. & Lynette Feeney-Burns, Ph.D. Visiting Lecture Series (Columbia, Missouri), September 22, 2001.

Invited Lecturer, “Pseudotumor Cerebri: Weight Loss as Treatment”: American Academy of Ophthalmology Meeting: Neuro-Ophthalmology Subspecialty Day (New Orleans, Louisiana), November 10, 2001.

Invited Panelist Discussant, “Pseudotumor Cerebri”: American Academy of Ophthalmology Meeting: Neuro-Ophthalmology Subspecialty Day (New Orleans, Louisiana), November 10, 2001.

Invited Discussion Leader, “Office Neuro-Ophthalmology I: Getting the Work-up Right”: American Academy of Ophthalmology Meeting: Neuro-Ophthalmology Subspecialty Day (New Orleans, Louisiana), November 10, 2001.

“Differential Diagnosis and Treatment of Ischemic Optic Neuropathy”: Neurosurgery Lecture, University of Missouri-Columbia (Columbia, Missouri), January 16, 2002.

Invited Guest, Martin Luther King Center Gala Award Ceremony: Webb-Patterson Communications and Allergan, Inc. (Atlanta, Georgia), January 22, 2002.

Invited Representative, National Medical Association’s Colloquium on African American Health (Fairfax, Virginia and Washington, DC), March 7-11, 2002.

Invited Advisory Board Member, Alcon Laboratories, Inc. (Ft. Worth, Texas), April 5-7, 2002.

Invited Panelist, National Eye Institute’s National Eye Health Education Program (NEHEP) Conference (Albuquerque, New Mexico), April 10-13, 2002.

Invited Speaker, “Hamlet Meets NAION”: Stanford University Department of Ophthalmology Grand Rounds (Palo Alto, California), June 25, 2002.

Invited Speaker, “Hamlet Meets NAION”: Annual Congress of Ophthalmological Society of the West Indies (OSWI), (St. Croix, US Virgin Island), July 8-13, 2002.

Claude L. Cowan, Sr., MD Memorial Distinguished Lecturer, “The History of African Americans in Ophthalmology”: National Medical Association Convention (Honolulu, Hawaii), August 4, 2002.

Ophthalmology Section Program Chair: National Medical Association Convention(Honolulu, Hawaii), August 3-9, 2002.

Invited Speaker, “How Do You Get the Other 50% in Treatment?”: Ethnicity and Open Angle Glaucoma Symposium (20th Anniversary of the Baltimore Eye Study) B Bloomberg School of Public Health, Johns Hopkins University and Wilmer Eye Institute (Baltimore, Maryland), Friday, September 13, 2002.

Program Committee Organizing Member, American Academy of Ophthalmology Meeting (Orlando, Florida), October 19-23, 2002.

“Hallucinating the Past: A Case of Spontaneous and Involuntary Recall of Long-term Memories and Perspectives on the Hemispheric Organization of Visual Memory”: American Academy of Ophthalmology Meeting (Orlando, Florida), October 20, 2002.

“Neuroretinitis in Patients with Multiple Sclerosis”: American Academy of Ophthalmology Meeting (Orlando, Florida), October 21, 2002. Co-presenter Kyle E. Williams.

Invited Speaker, “Breaking the Color Line in Medicine and Success for the Future”: EXPRESS Program, Life Sciences Undergraduate Research Opportunities Program, University of Missouri-Columbia (Columbia, Missouri), January 29, 2003.

Invited Speaker, “Breaking the Color Line in Medicine”: Black History Month Celebration, University of Missouri-Columbia (Columbia, Missouri), February 17, 2003.

Invited Speaker, “Optic Neuritis Treatment Trials: A Conversation”: Baptist Eye Center (Little Rock, Arkansas), April 11, 2003.

Invited Speaker, “Hamlet Meets NAION”: Baptist Eye Center (Little Rock, Arkansas), April 11, 2003.

Invited Speaker, “Optic Neuritis Treatment Trials: A Conversation”: St. Louis University (St Louis, Missouri), June 25, 2003.

Invited Speaker, “Optic Neuritis Treatment Trials: A Conversation”: Annual Congress of the Ophthalmological Society of the West Indies (OSWI), (Montego Bay, Jamaica), July 8-13, 2003.

“Optic Neuritis Treatment Trials: A Conversation”: Joint Neurology-Ophthalmology Grand Rounds, University of Missouri-Columbia (Columbia, Missouri), July 16, 2003.

Ophthalmology Section Program Chair: National Medical Association Convention (Philadelphia, Pennsylvania), August 1-7, 2003.

“Hamlet Meets NAION: Nonarteritic Anterior Ischemic Optic Neuropathy”: National Medical Association Convention (Philadelphia, Pennsylvania), August 3, 2003.

“Hamlet Meets NAION: Nonarteritic Anterior Ischemic Optic Neuropathy”: Mason Eye Institute Burns’ Lecture Conference, University of Missouri-Columbia (Columbia, Missouri), September 6, 2003.

Invited Visiting Professor, “Optic Neuritis Treatment Trials: A Conversation”: St. Luke’s/Roosevelt Hospital of Columbia University College of Physicians & Surgeons (New York, New York), October 15, 2003.

Invited Visiting Professor, “Hamlet Meets NAION: Nonarteritic Anterior Ischemic Optic Neuropathy”: St. Luke’s/Roosevelt Hospital of Columbia University College of Physicians & Surgeons (New York, New York), October 15, 2003.

Invited Visiting Professor, “Optic Neuritis Treatment Trials: A Conversation”: Indiana Ophthalmological Society (Indianapolis, Indiana), November 11-12, 2003.

Invited Visiting Professor, “Hamlet Meets NAION: Nonarteritic Anterior Ischemic Optic Neuropathy”: Indiana University (Indianapolis, Indiana), November 11-12, 2003.

Program Committee Organizing Member, American Academy of Ophthalmology Meeting (Anaheim, California), November 14-19, 2003.

Expert Moderator, *Breakfast with the Expert*: “Nonarteritic Anterior Ischemic Optic Neuropathy”: American Academy of Ophthalmology Meeting (Anaheim, California), November 14-19, 2003.

Chairman, Neuro-Ophthalmology Symposium: American Academy of Ophthalmology Meeting (Anaheim, California), November 14-19, 2003.

Invited Visiting Professor, “Optic Neuritis Treatment Trials: A Conversation”: Eastern New York Eye, Ear, Nose and Throat Society (Lions Eye Institute at Albany, New York), February 5, 2004.

Invited Visiting Professor, “The Clinical Spectrum of Amiodarone Optic Neuropathy”: Eastern New York Eye, Ear, Nose and Throat Society (Lions Eye Institute at Albany, New York), February 5, 2004.

“The Clinical Spectrum of Amiodarone Associated Optic Neuropathy”: North American Neuro-Ophthalmology Society (NANOS; Orlando, Florida) March 31, 2004. Co-presenters Gregory B. Krohel, MD, Eric R. Thomas, MD, Charles H. Rheeman, MD.

Invited Speaker, “The Clinical Spectrum of Amiodarone Optic Neuropathy”: MOSEPS Missouri Society of Eye Physicians and Surgeons (Lake Ozark, Missouri), May 22, 2004.

“Amiodarone Optic Neuropathy”: Mason Eye Institute Alumni Conference, University of Missouri-Columbia (Columbia, Missouri), June 11, 2004.

“Amiodarone Optic Neuropathy”: Annual Congress of the Ophthalmological Society of the West Indies (OSWI), (Barbados), July 6-13, 2004.

“The Clinical Spectrum of Amiodarone Optic Neuropathy”: American Academy of Ophthalmology Meeting (New Orleans, Louisiana), October 23-26, 2004. Co-presenters Gregory B. Krohel, MD, Eric R. Thomas, MD, Charles H. Rheeman, MD.

“Treatment of Optic Neuritis and other Neurological Events with Corticosteroids (TONNEC) Clinical Trial”: National Institutes of Neurological Disorders and Stroke (NINDS) Presentation (Bethesda, Maryland), November 15, 2004. Co-presenters Robert Zivadinov, MD, PhD, Roberta Scherer, PhD, Patricia Langenberg, PhD.

“Neuro-Ophthalmology and Learning Tools for the Future”: Hickman High School Science Club, University of Missouri-Columbia (Columbia, Missouri), November 18, 2004. Sponsors: Jan Haffey (HHS), Cindy Brooks, Carol Nierling (Allison Thiele – *book*).

Invited Keynote Speaker, “Achieving Heaven-on-Earth: A View of the Past” University of Missouri-Columbia School of Medicine SNMA Graduation (Columbia, Missouri), May 13, 2005.

Invited Speaker, “What is Important: Cup-Disc or Disc Area?” Glaucoma Summit (Fort Worth, Texas), July 17, 2005.

Invited Lecturer: Roman-Barnes Distinguished Professorship Lecture, A Treatment of Optic Neuritis and Other Neurological Events with Corticosteroids (TONNEC). National Medical Association Meeting (New York, New York), July 25, 2005.

“Treatment of Optic Neuritis with Intermittent Pulse Corticosteroids (TONIC)” University of Missouri-Columbia Buessler Lecture Meeting (Columbia, Missouri), November 19, 2005.

“Amiodarone Associated Optic Neuropathy”: Association for Research in Vision & Ophthalmology (Ft. Lauderdale,

Florida), April 30, 2006. Co-presenters Rod S. Passman, MD and Charles L. Bennett, MD, PhD.

Invited Visiting Professor, “Treatment of Optic Neuritis with Intermittent High Dose Corticosteroid (TONIC)”: Texas Tech University (Lubbock, Texas), May 12, 2006.

Invited Visiting Professor, “Nonarteritic Anterior Ischemic Optic Neuropathy”: Texas Tech University (Lubbock, Texas), May 12, 2006.

Invited Visiting Professor, “Optic Neuritis and TONIC”: University of Texas at San Antonio (San Antonio, Texas), September 1, 2006.

“A Simplified Theory of Life”: Ophthalmology Department Staff In-Service, University of Missouri-Columbia (Columbia, Missouri), September 7, 2006.

Invited Visiting Professor, “Nonarteritic Anterior Ischemic Optic Neuropathy (NAION): History and Treatment”: Jones Eye Institute, University of Arkansas (Little Rock, Arkansas), November 2, 2006.

Recipient: Roman Barnes Ophthalmology Achievement Award, American Academy of Ophthalmology Meeting (Las Vegas, Nevada), November 13, 2006.

“Stressful Life Events, Complicated Grief, and Depression in the Pathogenesis of Essential Blepharospasm and Hemifacial Spasm: The Double-Hit Hypothesis”: International Neuro-Ophthalmology Society (INOS) Meeting (Tokyo, Japan), December 1, 2006. Co-Presenters Patricia J. Johnson, Ryan W. Lapour, MD, Gabriella M. Johnson, Richard W. Madsen, PhD, Steven A. Hackley, PhD.

“Tetracycline Delays the Decline in Ocular Motility in Chronic Progressive External Ophthalmoplegia (CPEO): An 8-Year Analysis”: International Neuro-Ophthalmology Society (INOS) Meeting (Tokyo, Japan), December 1, 2006. Co-Presenter Ayman Omar, MD, PhD.

Invited Lecturer: Dr. Alim Chowdhury Memorial Lecture, “Nonarteritic Anterior Ischemic Optic Neuropathy: Shakespeare, NAION, and Amiodarone”: 34<sup>th</sup> Annual National Conference of Ophthalmological Society of Bangladesh (Dhaka, Bangladesh), March 6-9, 2007 (postponed, state of emergency).

“Using Optic Coherence Tomography (OCT) to Differentiate Between Optic Nerve Head Drusen and Optic Disk Edema”: Association for Research in Vision & Ophthalmology (Ft. Lauderdale, Florida), May 8, 2007. Co-presenters Meredith L. Diehl, MD, Chuck W. Hamm, CRA, COMT, Drew N. Sommerville, MD, Mitch M. Loftin, OD.

“Comparison of the Clinical Characteristics of Ethambutol Optic Neuropathy and Amiodarone Optic Neuropathy”: Association for Research in Vision & Ophthalmology (Ft. Lauderdale, Florida), May 8, 2007. Co-presenters Jacob K. Thomas, Melissa J. Smarr.

“Stressful Life Events, Complicated Grief, and Depression in the Pathogenesis of Essential Blepharospasm and Hemifacial Spasm: The Double-Hit Hypothesis”: Association for Research in Vision & Ophthalmology (Ft. Lauderdale, Florida), May 10, 2007. Co-Presenters Patricia J. Johnson, Ryan W. Lapour, MD, Gabriella M. Johnson, Richard W. Madsen, PhD, Steven A. Hackley, PhD.

“Stressful Life Events, Complicated Grief, and Depression in the Pathogenesis of Essential Blepharospasm and Hemifacial Spasm: The Double-Hit Hypothesis”: Annual Congress of the Ophthalmological Society of the West Indies (OSWI), (Martinique), July 9-15, 2007.

“Speed Can Trigger Blepharospasm and Hemifacial Spasm”: Mason Eye Institute’s John Buesseler Visiting

Professorship Conference, University of Missouri-Columbia (Columbia, Missouri), March 8, 2008.

“Heidenhain Variant of Sporadic Creutzfeldt-Jakob Disease: Clinical Presentation”: North American Neuro-Ophthalmology Society (NANOS), (Orlando, Florida), March 11, 2008. Co-Presenters K. Krishna Mettu, MD, Upinder Dhand, MD.

“Differentiating Optic Disc Edema from Optic Nerve Head Drusen on Optical Coherence Tomography”: American Academy of Ophthalmology Meeting (Atlanta, Georgia), November 8-11, 2008. Co-presenters Meredith L. Diehl, MD, Chuck W. Hamm, COT, CRA, OCT-C, Drew N. Sommerville, MD, Gregory F. Petroski, PhD.

Invited Visiting Professor, “Speed Can Trigger Blepharospasm and Hemifacial Spasm”: Hamilton Eye Institute, University of Tennessee-Memphis (Memphis, Tennessee), April 6, 2009.

Invited Visiting Professor, “Hamlet Meets NAION”: Hamilton Eye Institute, University of Tennessee-Memphis (Memphis, Tennessee), April 6, 2009.

“The Rate of Visual Loss in Stretch Optic Neuropathy”: Association for Research in Vision & Ophthalmology (Ft. Lauderdale, Florida), May 6, 2009. Co-presenter Chetan R. Soni, MD.

“Speed Can Trigger Blepharospasm and Hemifacial Spasm”: Missouri Scholars Academy, University of Missouri-Columbia (Columbia, Missouri), June 19, 2009.

“The Rate of Visual Loss in Stretch Optic Neuropathy”: American Academy of Ophthalmology (San Francisco, California), October 25, 2009. Co-presenter Chetan R. Soni, MD.

“Early Diabetes Mellitus and Severity of Visual Loss in Nonarteritic Anterior Ischemic Optic Neuropathy (NAION)”: American Academy of Ophthalmology (San Francisco, California), October 25, 2009. Co-presenter John D. Odette, MD.

Invited Professor, Breakfast with the Expert and Scientific Poster Judge: Student National Medical Association (SNMA) Region II Conference (Columbia, MO), October 31, 2009.

“The Rate of Visual Loss in Stretch Optic Neuropathy”: North American Neuro-Ophthalmology Society (NANOS) (Tucson, Arizona), March 9, 2010. Co-presenter Chetan R. Soni, MD.

“Early Diabetes Mellitus and Severity of Visual Loss in Nonarteritic Anterior Ischemic Optic Neuropathy (NAION)”: Association for Research in Vision & Ophthalmology-ARVO (Ft. Lauderdale, Florida), May 6, 2010. Co-presenter John D. Odette, MD.

Invited Keynote Speaker, “The Six Principles & How to Be the Best” University of Missouri Columbia School of Medicine Student National Medical Association (SNMA) Graduation (Columbia, Missouri), May 14, 2010.

“Mason Eye Institute: How Effective is Our Residency Training Program?”: Mason Eye Institute Resident-Alumni Day (“RADay”) Conference, University of Missouri Columbia (Columbia, Missouri), May 22, 2010.

Invited Professor, “Speed Can Trigger Blepharospasm and Hemifacial Spasm”: National Medical Association (NMA) Conference, (Orlando, Florida) August 1, 2010.

Invited Keynote Speaker, “The Rabb-Venable Ophthalmology Award for Outstanding Research”: National Medical Association (NMA) Conference, (Orlando, Florida) August 1, 2010.

“Short-term Use of Inhaled and Intranasal Corticosteroids is Not Associated with Glaucoma Progression on Optical Coherence Tomography (OCT)”: Association for Research in Vision & Ophthalmology-ARVO (Ft. Lauderdale, Florida), May 4, 2011. Co-presenter Chetan Soni, MD, Meredith Johnson, BS, Richard Madsen, PhD.

“Short-term Use of Inhaled and Intranasal Corticosteroids is Not Associated with Glaucoma Progression on Optical Coherence Tomography (OCT)”: Ophthalmological Society of the West Indies (OSWI), July 12, 2012. Co-presenter Chetan Soni, MD, Meredith Johnson, BS, Richard Madsen, PhD.

Invited Presentation: “Relationship of Neuro-Ophthalmology and Glaucoma: My Prediction on the Next Piece of the Glaucoma Puzzle”: AAGS Glaucoma Summit (New Orleans, LA), July 27, 2012.

“Short-term Use of Inhaled and Intranasal Corticosteroids and Glaucoma Development”: National Medical Association (NMA) Conference (New Orleans, LA), July 29, 2012. Co-presenter Meredith Johnson, BS (*Rabb-Venable Ophthalmology Research Award – 2<sup>nd</sup> Place*), Chetan Soni, MD, Richard Madsen, PhD.

“Neuro-Ophthalmology and Glaucoma: My Prediction on the Next Piece of the Glaucoma Puzzle”: Mason Eye Institute Burns’ Conference, University of Missouri Columbia (Columbia, Missouri), November 3, 2012.

Ophthalmology Grand Rounds MU: “Thinking Out of the Box: NAION” University of Missouri Columbia (Columbia, Missouri), July 5, 2013.

Invited Presentation: “Thinking Outside the Box: Speeding as a Cause for Hemifacial Spasm, Essential Blepharospasm, and Possible Depression”: Brown University/Rhode Island Hospital (Providence, Rhode Island), August 26, 2013.

Invited Presentation: “Thinking Outside the Box: Advancing Neuro-Ophthalmology, Glaucoma & What About Psychiatry: Part I”: 2013 Fall Scientific Meeting of the Nebraska Academy of Eye Physicians and Surgeons (Lincoln, Nebraska), October 11-12, 2013.

Invited Presentation: “Thinking Outside the Box: Advancing Neuro-Ophthalmology, Glaucoma & What About Psychiatry: Part II”: 2013 Fall Scientific Meeting of the Nebraska Academy of Eye Physicians and Surgeons (Lincoln, Nebraska), October 11-12, 2013.

Invited Presentation: “Thinking Outside the Box: Nonarteritic Anterior Ischemic Optic Neuropathy (NAION)”: Brown University/Rhode Island Hospital (Providence, Rhode Island), November 11, 2013.

## **REFERENCES**

Names and addresses to be furnished upon request.