

VICKI MARI DIAZ, MSN, PhD
Clinician Educator

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PERSONAL INFORMATION: Citizenship: USA

EDUCATION

PhD, Curriculum and Instruction, Educational Media & Instructional Design University of Florida College of Education, Gainesville, Florida	1994
MSN, Adult Health University of Florida College of Nursing, Gainesville, Florida	1987
BSN University of Florida College of Nursing, Gainesville, Florida	1985
ADN Gulf Coast Community College, Panama City, Florida	1975

FACULTY APPOINTMENTS

Associate Professor Wayne State University School of Medicine, Detroit, Michigan	2013 - Present
Assistant Professor Wayne State University School of Medicine, Detroit, Michigan	2006 - 2013
Adjunct Clinical Faculty, College of Nursing University of Florida, Gainesville, Florida	1988 - 1990
Graduate Teaching Assistant, College of Health and Human Performance University of Florida, Gainesville, Florida	1986 - 1987

HOSPITAL OR OTHER PROFESSIONAL APPOINTMENTS

Associate Program Director, Neurosurgery Wayne State University School of Medicine, Detroit, Michigan	2006 - Present
Director, Education and Development, Neurosurgery Wayne State University School of Medicine, Detroit, Michigan	1998 - 2006
Education Coordinator and Practice Development, Neurosurgery Detroit Medical Center, Detroit, Michigan	1994 - 1998
Neurosurgical Clinical Nurse Specialist Neuroscience Institute of Santa Fe, Gainesville, Florida	1987 - 1990
Nurse Epidemiologist; Education Director Campbellton-Graceville Hospital, Graceville, Florida	1982 - 1983
Air Ambulance Flight Nurse Chipola Aviation, Marianna, Florida	1981 - 1983
Head Nurse, Surgery and Emergency Departments Campbellton-Graceville Hospital, Graceville, Florida	1975 - 1982

MAJOR PROFESSIONAL SOCIETIES

American Association of Neurological Surgeons	2004 - Present
University of Florida Alumni Association Life Member	1994 - Present
American Academy of Nurse Practitioners	1993 - Present
Florida Nurses Association	1992 - Present
American Nurses Association	1992 - Present
Michigan Association of Neuroscience Nurses	1990 - Present
American Association of Neuroscience Nurses	1988 - Present
Sigma Theta Tau International Nursing Honorary Society (Membership by Invitation)	1986 - Present

LICENSURE AND BOARD CERTIFICATION

Registered Nurse; Advanced Registered Nurse Practitioner, License # 80177-2 Board of Professional Regulation, State of Florida	1990 - Present
Registered Nurse; Nurse Practitioner Certification # 4704178569 Board of Occupational & Professional Regulation, State of Michigan	1975 - Present

HONORS AND AWARDS

Apollo Award, Health Care Public Relations and Communications	1997, 2000
<u>Wayne State University Neurological Surgery Department: A Continuing Commitment to Excellence</u> . Print Brochure. Wayne State University, Detroit, Michigan. 2000	
<u>Gamma Knife: A Knife Without a Blade</u> . Print Brochure. Wayne State University, Detroit, Michigan. 1997	
Sigma Theta Tau International Nursing Honorary Society (Membership by Invitation)	1986 - Present
Federal Nurse Traineeship Award	1986 - 1987
Who's Who Among American Nurses	1986 - 1996
High Honors, University of Florida College of Nursing	1985
Distinguished Volunteer Leadership Award, March of Dimes	1985
Phi Kappa Phi National Honorary Fraternity, University of Florida	1984 - Present
Golden Key National Honor Society, University of Florida	1984 - 1990
National Dean's List, University of Florida	1983 - 1985
Cum Laude, Gulf Coast Community College	1975
Phi Theta Kappa, National Honorary Fraternity	1975
Golden Clinical Nursing Award, Gulf Coast Community College	1975
Who's Who in American Jr. Colleges	1974 - 1975

SERVICE**Wayne State University
Department / Divisional**

ACGME Resident Complement Increase, Committee Chair, Complement increase of 3 residents approved (11 residents to 14 residents)	2015 - 2016
ACGME Resident Complement Increase, Committee Chair, Complement increase of 4 residents approved (7 residents to 11 residents)	2013 - 2014
ACGME Reaccreditation Review, Chair	2011 - Present
QuEEST (Quality Education and Safe Systems Training), Faculty Advisor, Neurosurgery	2013 - Present
Residency Advisory Committee (RAC), Department of Neurosurgery, Chair	2013 - Present
Program Evaluation Committee (PEC), Department of Neurosurgery, Chair	2013 - Present
Department of Neurosurgery Academic Faculty Committee, Chair	2012 - Present
Clinical Competency Committee (CCC), Department of Neurosurgery, Chair	2012 - Present
Think First, Prevention of Head and Spinal Cord Injuries	2011 - Present
Wayne State University Chapter Committee, Neurosurgery Member	
Department of Neurosurgery Selective Salary Committee, Coordinator	2011 - 2014
Department of Neurosurgery Promotion and Tenure Advisory Committee, Coordinator (without vote)	2006 - 2014
Department of Neurosurgery Bring Your Child to Work for Brain Awareness, Coordinator	2002 - 2010

SERVICE (Continued)**Department / Divisional (Continued)**

Bi-Annual Neurosurgery Faculty / Residents Retreat Chair	2000 - 2010
Department of Neurosurgery Residency Education Committee, Chair	1998 - Present
Department of Neurosurgery Fellowship Selection Committee, Chair	1998 - 2014
Department of Neurosurgery Residency Selection Committee (NRMP), Chair	1998 - Present
Department of Neurosurgery Residency Accreditation Review and Site Visit, Chairperson	1995 - 2011
Department of Neurosurgery Employee Appreciation Day, Coordinator	1995 - Present
Wayne State University Neurosurgery Alumni Reception, Coordinator	1990 - Present
Department of Neurosurgery Annual Resident Graduation and Employee Picnic, Coordinator	1990 - Present
Annual Neurosurgery Employees Holiday Celebration, Coordinator	1990 - 2013
Department of Neurosurgery Nurse's Appreciation Day, Coordinator	1990 - 2002

School of Medicine

Medical Student Research Symposium, Invited Judge	2016
Faculty Development Liaison, Neurosurgery, Department Representative	2012 - Present
Neurosurgery Chairman 5-Year Review, Committee Chair	2010

University Physicians Group / Neurosurgery

GME (Graduate Medical Education) Internal Review Neurosurgery, Chair	2005 - 2010
Public Relations Council, Member	2002 - 2004
GME (Graduate Medical Education) System Wide Internal Review Committee Member	1998
Marketing and Communications Committee, Neurosurgery, Member	2004 - 2012
Website Committee, Neurosurgery, Member	2003 - 2006

Affiliate Medical Organizations**Detroit Medical Center (DMC)**

QuESST (Quality Education and Safe Systems Training) Annual Research Day, Invited Judge	2013, 2014, 2015
ACGME Resident Complement Increase, Committee Chair	2013 - 2014 2015 - 2016
DMC ACGME Clinical Learning Environment Review (CLER) Accreditation Site Visit, Neurosurgery Representative	2014
Graduate Medical Education NAS (Next Accreditation System) Curriculum Committee, Member	2013 - 2014
Clinical Competency Committee, Accreditation Council Graduate Medical Education (ACGME-CCC), Chair	2012 - Present
Graduate Medical Education Leadership Academy, Member	2011
Think First, Prevention of Head and Spinal Cord Injuries	2011 - Present
Wayne State University Chapter Committee, Member	
Graduate Medical Education, Program Improvement Group (PIG) Committee, Member	2006 - 2013
DMC Graduate Medical Education Committee, Member	2006 - Present
Marketing Communications Committee, Member	2002 - 2003
Graduate Medical Education System-Wide Internal Review Committee, Member	1998
Accreditation Council Graduate Medical Education (ACGME) Neurosurgery Residency Accreditation Committee, Chair	1998 - Present

SERVICE (Continued)

Professional

Volunteer	2005 - Present
American Red Cross, Detroit, Michigan	
Instructor, CPR and First Aid	2003
University Liggett School, Grosse Pointe Woods, Michigan	
Speaker, Volunteer	1985 -1990
March of Dimes, Alachua County, Florida	
Public Relations Director, Volunteer	1982 - 1983
American Cancer Society, Bay County, Florida	
Chair, Fund Raising	1981 - 1983
March of Dimes, Jackson County, Florida	
Co-Chair Annual Fundraising Event, University Liggett School Grosse Pointe Woods, Michigan - \$110,000	2011
Co-Chair Annual Fundraising Event, University Liggett School Grosse Pointe Woods, Michigan - \$103,000	2010

Community

Co-Chair Annual Fundraising Event, University Liggett School Grosse Pointe Woods, Michigan - \$98,000	2009
Chair, Brain Awareness Day, University Liggett School	2005
Health Education Committee, University Liggett School Grosse Pointe Woods, Michigan	2003

Consulting

Accreditation Council Graduate Medical Education (ACGME) Program Review, Department of Neurosurgery, Oakland University William Beaumont Hospital	2010; 2011
Think First, Prevention of Head and Spinal Cord Injuries Wayne State University Chapter Committee	2011 - Present

TEACHING

Teaching at Wayne State University

Medical Students/Residents/Fellows

QuESST (Quality Education and Safe Systems Training) Annual Research Day, Invited Judge	2013, 2014, 2015
Medical Student Neurosurgery Interest Group, Co-Founder, Faculty Advisor	2010 - Present
Department of Neurosurgery Curriculum Committee, Chair	1998 - Present
Department of Neurosurgery Residency Evaluation Committee, Chair	1998 - Present

Faculty

Continuing Medical Education (CME) for Visiting Professor Lecture Series	2006 - Present
Neurosurgery Didactic Teaching Conferences	1998 - Present
Continuing Medical Education (CME) for Scientific Symposia	1996 - Present

Teaching at Other Colleges / Universities

Adjunct Clinical Faculty, College of Nursing University of Florida, Gainesville, Florida	1988 - 1990
Graduate Teaching Assistant, College of Health and Human Performance University of Florida, Gainesville, Florida	1986 - 1987
Mentored Undergraduate and Graduate Nursing Students Neuroscience Institute of Santa Fe, Gainesville, Florida	1987 - 1990

Mentorship

Undergraduate Students

Ricardo Engel	University of Michigan	2016
Mentorship includes development of CV and plan for medical school admission		
Conor Pelleman	Michigan State University	2014
Mentorship includes discussion of career goals and medical careers		
<ul style="list-style-type: none"> Obtained SURE Fellowship at Wayne State University 		

TEACHING (Continued)
Mentorship (Continued)
Undergraduate Students

Raleigh Dettlinger	Wake Forest University	2014 - 2015
Mentorship includes discussion of career goals in the Physician Assistant Program		
<ul style="list-style-type: none"> • Successful match in Physician Assistant Graduate School, Campbell University, North Carolina 		
Alex Petroj	Wayne State University	2014
Mentorship includes development of CV and plan for medical school		
<ul style="list-style-type: none"> • Obtained placement in research labs and OR for observership 		
Armaity Minwalla	University of Michigan	2014
Mentorship includes development of CV and plan for medical school application		
<ul style="list-style-type: none"> • Successfully obtained SURE Fellowship at Wayne State University 		
Amanda Ferris	University of Michigan	2014
Mentorship includes development of CV and discussion of career goals and plan for medical school admission.		
Majid Mubeen	University of Pennsylvania	2013
Mentorship includes discussion of career goals and review of medical school application		
<ul style="list-style-type: none"> • Obtained placement in research lab for summer observership 		
Jasmine Policherla	Kalamazoo College	2013
Mentorship includes review of medical school application		
<ul style="list-style-type: none"> • Obtained placement in labs and operating rooms for summer observership and successful admission to medical school, Michigan State University 		
Jacob Siegrist	University of Michigan	2012 - 2013
Mentorship includes discussion of career goals and review of medical school application		
<ul style="list-style-type: none"> • Advised and helped obtain Summer Undergraduate Research Experience (SURE) Fellowship, WSU School of Medicine 		
Alix Chrumka	Stanford University	2011 - 2013
Mentorship includes discussion of career goals and medical careers		
<ul style="list-style-type: none"> • Advised and helped obtain Summer Undergraduate Research Experience (SURE) Fellowship, WSU School of Medicine 		
Anthony Provenzano	St. Louis University	2010 - 2015
Mentorship includes discussion of career goals and medical school application		
<ul style="list-style-type: none"> • Advised and help obtain admission to WSU School of Medicine and advised and mentored for ERAS with successful residency match, Internal Medicine, University of Vermont 		

Wayne State University Medical Students

Kenisha Evans		2015 - 2016
Mentorship includes discussion of career goals and development of research interests		
Placement in mentoring program with clinical faculty for projects/publications		
James Yip		2015 - 2016
Mentorship includes discussion of career goals and development of research interests		
Placement in mentoring program with clinical faculty for projects/publications		
Alexa Thibodeau		2015 - 2016
Mentorship includes discussion of career goals and development of research interests		
<ul style="list-style-type: none"> • Successful Medical Student Summer Research Fellowship (MSSRF), Ding Lab 		
Ethan Zhao		2014
Mentorship includes discussion of career goals and development of research interests		
<ul style="list-style-type: none"> • Successful Medical Student Summer Research Fellowship (MSSRF), Ding Lab 		
Fauzia Akbary		2014
Mentorship includes discussion of career goals and development of research interests		
<ul style="list-style-type: none"> • Successful Medical Student Summer Research Fellowship (MSSRF), Ding Lab 		
Rami Al-Aref		2014
Mentorship includes development of CV and placement in research labs and OR		

TEACHING (Continued)
Mentorship (Continued)
Wayne State University Medical Students (Continued)

Thomas Zervos	2014 - 2015
Mentorship includes NRMP (National Residency Match Program) and ERAS (Electronic Residency Application Service) application for neurosurgery residency	
Placement in mentoring program with clinical faculty for projects/publications	
<ul style="list-style-type: none">• Successful neurosurgery residency match at Henry Ford Hospital	
David Altshuler	2012 - 2014
Mentorship includes NRMP (National Residency Match Program) and ERAS (Electronic Residency Application Service) application for neurosurgery residency	
Placement in mentoring program with clinical faculty for projects/publications	
<ul style="list-style-type: none">• Successful neurosurgery residency match at University of Michigan	
Dushyant Mann	2013 - 2014
Mentorship includes NRMP (National Residency Match Program) and ERAS (Electronic Residency Application Service) application for neurosurgery residency	
Placement in mentoring program with clinical faculty for projects/publications	
<ul style="list-style-type: none">• Successful radiology residency match at the University of Arizona	
Christopher Sy	2012 - 2014
Mentorship includes NRMP (National Residency Match Program) and ERAS (Electronic Residency Application Service) application for neurosurgery residency	
Placement in mentoring program with clinical faculty for projects/publications	
<ul style="list-style-type: none">• Successful neurosurgery residency match at University of Texas-San Antonio	
Blake Walker	2012 - 2014
Mentorship includes NRMP (National Residency Match Program) and ERAS (Electronic Residency Application Service) application for neurosurgery residency	
Placement in mentoring program with clinical faculty for projects/publications	
<ul style="list-style-type: none">• Successful neurosurgery residency match at Wayne State University	
Jessin John	2012- 2014
Mentorship includes NRMP (National Residency Match Program) and ERAS (Electronic Residency Application Service) application for neurosurgery residency	
Placement in mentoring program with clinical faculty for projects/publications	
<ul style="list-style-type: none">• Successful neurosurgery residency match at Henry Ford Hospital	
Vance Frederickson	2012 - 2013
Mentorship includes NRMP (National Residency Match Program) and ERAS (Electronic Residency Application Service) application for neurosurgery residency	
Placement in mentoring program with clinical faculty for projects/publications	
<ul style="list-style-type: none">• Successful neurosurgery residency match at University of Wisconsin	
Min Jung-Kim	2012 - 2013
Mentorship includes NRMP (National Residency Match Program) and ERAS (Electronic Residency Application Service) application for neurosurgery residency	
Placement in mentoring program with clinical faculty for projects/publications	
<ul style="list-style-type: none">• Successful SOAP (Supplemental Offer and Acceptance Program) residency match preliminary Internal Medicine residency program	
Anthony Provenzano	2011 - 2013
Mentorship includes NRMP (National Residency Match Program) and ERAS (Electronic Residency Application Service) application for neurosurgery residency	
<ul style="list-style-type: none">• Placement in mentoring program with research faculty for projects/publications• Successful admission to Wayne State University School of Medicine• Successful Internal Medicine residency match to the University of Vermont	
Tia Chakraborty	2012 - 2014
Mentorship includes NRMP (National Residency Match Program) and ERAS (Electronic Residency Application Service) application for neurosurgery residency	
<ul style="list-style-type: none">• Placement in mentoring program with clinical faculty for projects/publications	

TEACHING (Continued)
Mentorship (Continued)
Wayne State University Medical Students (Continued)

Ajal Dave	2012 - 2013
Mentorship includes NRMP (National Residency Match Program) and ERAS (Electronic Residency Application Service) application for neurosurgery residency	
• Placement in mentoring program with clinical faculty for projects/publications	
Karam Asmaro	2011 - 2014
Mentorship includes NRMP (National Residency Match Program) and ERAS (Electronic Residency Application Service) application for neurosurgery residency	
Placement in mentoring program with clinical faculty for projects/publications	
• Successful neurosurgery residency match at Henry Ford Hospital	
David Dornbos	2010 - 2012
Mentorship includes NRMP (National Residency Match Program) and ERAS (Electronic Residency Application Service) application for neurosurgery residency	
Placement in mentoring program with clinical faculty for projects/publications	
• Successful neurosurgery residency match at Ohio State University	
Gunjan Goel	2010 - 2012
Mentorship includes NRMP (National Residency Match Program) and ERAS (Electronic Residency Application Service) application for neurosurgery residency	
Placement in mentoring program with clinical faculty for projects/publications	
• Successful neurosurgery residency match at University of California, San Diego	
Nathan Zwagerman	2010 - 2011
Mentorship includes NRMP (National Residency Match Program) and ERAS (Electronic Residency Application Service) application for neurosurgery residency	
Placement in mentoring program with clinical faculty for projects/publications	
• Successful neurosurgery residency match at University of Pittsburgh	
Ashley Ralston	2010 - 2011
Mentorship includes NRMP (National Residency Match Program) and ERAS (Electronic Residency Application Service) application for neurosurgery residency	
Placement in mentoring program with clinical faculty for projects/publications	
• Successful neurosurgery residency match at University of Chicago	
Shankar Arul	2009 - 2010
Mentorship includes NRMP (National Residency Match Program) and ERAS (Electronic Residency Application Service) application for neurosurgery residency	
Placement in mentoring program with clinical faculty for projects/publications	
Fadi Delly	2008 - 2010
Mentorship includes NRMP (National Residency Match Program) and ERAS (Electronic Residency Application Service) application for neurosurgery residency	
Placement in mentoring program with clinical faculty for projects/publications	
• Successful neurology residency match at Wayne State University	

Wayne State University / Detroit Medical Center Residents

Mentoring includes placement and follow-up of faculty-resident mentoring program, assistance with grant submissions for research and travel funds, advice and editorial assistance with publications and presentations, career counseling, nominations for practical and cadaver courses, assistance with placement for post-residency fellowships, and application and study skills for the board certification exam in neurosurgery.

Seong-Jin Moon, MD	2015 – Present
Currently – Wayne State University/Detroit Medical Center Neurosurgery Resident, Year 1	
Farzana Tariq, MD	2014 – Present
Currently – Wayne State University/Detroit Medical Center Neurosurgery Resident, Year 2	
Blake Walker, MD	2014 – Present
Currently – Wayne State University/Detroit Medical Center Neurosurgery Resident, Year 2	
Partha Chamiraju, MD	2014 – Present
Currently – Wayne State University/Detroit Medical Center Neurosurgery Resident, Year 5	

TEACHING (Continued)

Mentorship (Continued)

Wayne State University / Detroit Medical Center Residents (Continued)

Mohamad Khaled, MD	2014 – 2015
Wayne State University/Detroit Medical Center Neurosurgery Resident Graduate	
Currently – Affiliated with Tufts University	
R. Justin Garling, MD	2014 – Present
Currently – Wayne State University/Detroit Medical Center Neurosurgery Resident, Year 3	
Arianne Boylan, MD	2014 – Present
Currently – Wayne State University/Detroit Medical Center Neurosurgery Resident, Year 6	
Paris Humphries, MD	2013 - 2014
Wayne State University/Detroit Medical Center Neurosurgery Resident, Year 1	
Transferred to psychiatric residency, University of California, Irvine	
Gary Rajah, MD	2012 - Present
Currently – Wayne State University/Detroit Medical Center Neurosurgery Resident, Year 4	
Elizabeth Klein, MD	2011 - Present
Currently – Wayne State University/Detroit Medical Center Neurosurgery Resident, Year 5	
Matthew Schreckinger, MD	2010 – Present
Currently – Wayne State University/Detroit Medical Center Neurosurgery Resident, Year 6	
Neena Marupudi, MD	2009 – Present
Currently – Wayne State University/Detroit Medical Center Neurosurgery Resident, Year 7	
Enfolded fellowship, Jointly with Wayne State University and the University of Michigan (2014-2015)	
Recipient of 2012 RUNN Research Award \$5,000	
Recipient of 2014 QuESST Poster Award \$500	
Recipient of 2014 MANS Resident Abstracts Award \$1500	
Recipient of 2015 MANS Resident Abstracts Award \$1000	
Pediatric neurosurgery match, University of Washington (2016-2017)	
Jayant Jagannathan, MD	2009 - 2010
Completion of chief resident year of training following transfer from University of Virginia	
Currently – Neurosurgeon, Private Practice, Michigan	
Verrad Nyame, MD	2008 – 2015
Wayne State University/Detroit Medical Center Neurosurgery Resident Graduate	
Enfolded fellowship, Wayne State University, Neuro-Oncological Neurosurgery (2013-2014)	
Currently – Neurosurgeon, Private Practice, New Mexico	
David Hong, MD	2007 – 2014
Wayne State University/Detroit Medical Center Neurosurgery Resident, Graduated 2014	
Enfolded fellowship, Wayne State University, Pediatric Spine Neurosurgery (2012-2013)	
Pediatric Fellowship, University of California, San Diego (2014-2015)	
Currently – Neurosurgeon, Stanford, California	
Neelesh Nundkumar, MD	2006 - 2013
Wayne State University/Detroit Medical Center Neurosurgery Resident Graduate 2013	
Enfolded Fellowship, Wayne State University, Endovascular Neurosurgery (2012-2013)	
Fellowship, Johns Hopkins University, Endovascular Neurosurgery (2013-2014)	
Currently – Neurosurgeon, private practice, North Carolina	
Mark Hoeplich, MD, MPP	2005 - 2012
Wayne State University/Detroit Medical Center Neurosurgery Resident Graduate 2012	
Completion of Masters of Public Policy, University of Michigan 2012	
Fellowship, McGill University, Neuro-Oncology and Epilepsy Neurosurgery 2012-2013	
Currently – Neurosurgeon, Private Practice, Ohio	
Todd Francis, MD, PhD	2004 -2011
Wayne State University/Detroit Medical Center Neurosurgery Resident Graduate 2011	
Completion of PhD, Physiology, Wayne State University 2010	
Fellowship, Cleveland Clinic, Complex Spine Neurosurgery 2011-2012	
Currently – Neurosurgeon, Private practice, Ohio	
Chaim Colen, MD, PhD	2002 - 2009
Wayne State University/Detroit Medical Center Neurosurgery Resident Graduate 2009	
Completion of PhD, Physiology, Wayne State University 2005	
Currently – Neurosurgeon, Private practice, Michigan	

TEACHING (Continued)

Mentorship (Continued)

Wayne State University / Detroit Medical Center Residents (Continued)

Anthony Lee, MD	2002 - 2007
Wayne State University/Detroit Medical Center Neurosurgery Resident Graduate 2007	
Fellowship, Wayne State University, Endovascular Neurosurgery 2007-2008	
Instructor, Department of Neurological Surgery, Wayne State University 2008	
Currently – Neurosurgeon, Private practice, Texas	
Richard Rhiew, MD, PhD	2001 - 2008
Wayne State University/Detroit Medical Center Neurosurgery Resident Graduate 2008	
Completion of PhD, Physiology, Wayne State University 2004	
Currently – Neurosurgeon, private practice, Ohio	
John J. Steele III, MD, PhD	2000 - 2007
Wayne State University/Detroit Medical Center Neurosurgery Resident Graduate 2007	
Completion of PhD, Physiology, Wayne State University 2005	
Enfolded Fellowship, Wayne State University, Endovascular Neurosurgery	
Currently – Neurosurgeon, Military Duty, Lt. Colonel, United States Air Force	
Julie Pilitsis, MD, PhD	1999 - 2006
Wayne State University/Detroit Medical Center Neurosurgery Resident Graduate 2006	
Completion of PhD, Physiology, Wayne State University 2002	
Fellowship, Rush University, Functional Neurosurgery	
Currently – Neurosurgeon, academic practice, Professor, Albany Medical College	
Bill Underwood, MD, PhD	1998 - 2005
Wayne State University/Detroit Medical Center Neurosurgery Resident Graduate 2005	
Completion of PhD, Anatomy and Cell Biology, Wayne State University 2001	
Currently – Neurosurgeon, private practice, West Virginia	
Ramin Abdolvahabi, MD, PhD	1997 - 2004
Wayne State University/Detroit Medical Center Neurosurgery Resident Graduate 2004	
Completion of PhD, Anatomy, Wayne State University 1999	
Currently – Neurosurgeon, private practice, Florida	
Kaveh Barami, MD, PhD	1996 - 2003
Wayne State University/Detroit Medical Center Neurosurgery Resident Graduate 2003	
Fellowship, Wayne State University, Neuro-Oncological Surgery	
Fellowship, Kaiser Permanente Oakland Medical Center, Complex Spine Neurosurgery	
Currently – Neurosurgeon, private practice, California	
Lisa Guyot, MD, PhD	1995 - 2002
Wayne State University/Detroit Medical Center Neurosurgery Resident Graduate 2002	
Completion of PhD, Anatomy, Wayne State University 2000	
Currently – Neurosurgeon, private practice, Michigan	
Steven Dutcher, MD, PhD	1994 - 2001
Wayne State University/Detroit Medical Center Neurosurgery Resident Graduate 2001	
Completion of PhD, Anatomy, Wayne State University 1996	
Currently – Neurosurgeon, private practice, Florida	

Wayne State University / Detroit Medical Center Fellows

Mentoring includes placement and follow-up of faculty-fellow mentoring program, discussion and review of National Residency Match Program (NRMP) and Electronic Residency Application Service (ERAS) application for residency training, academic counseling and editorial assistance for publications and presentations.

Farzana Tariq, MD, Pre-Residency Fellow	2013 - 2014
• Successful match, neurosurgery residency, Wayne State University	
Morad Nasser, MD, Pre-Residency Fellow	2013 - 2014
• Successful neurology fellowship, Wayne State University	
Dhanya Anand, MD, Pre-Residency Fellow	2012 - 2013
• Successful match, radiology residency, University of Southern Alabama	
Raymond Tran, MD, Pre-Residency Fellow	2012 - 2014
• Successful match, anesthesiology residency, St. Elizabeth Medical Center	

TEACHING (Continued)

Mentorship (Continued)

Wayne State University / Detroit Medical Center Fellows (Continued)

Bijalkumar Patel, MD, Pre-Residency Fellow	2012 - 2013
James Peveler, MD, Pre-Residency Fellow	2012 - 2013
<ul style="list-style-type: none"> • Successful match, neurology residency, Wayne State University 	
Fadi Al Daoud, MD, Pre-Residency Fellow	2011 - 2012
Sanjay Konakondla, MD, Pre-Residency Fellow	2011 - 2012
<ul style="list-style-type: none"> • Successful match, neurosurgery residency, University of Missouri 	
Aftab Jafri, MD, Pre-Residency Fellow	2010 - 2011
<ul style="list-style-type: none"> • Successful match, preliminary general surgery residency, Detroit Medical Center 	
Kireeti Potu, MD, Pre-Residency Fellow 2009 - 2010	
Paritosh Pandey, MD, Pre-Residency Endovascular Fellow	2008 - 2009
<ul style="list-style-type: none"> • Successful match, endovascular fellowship, University of California 	
Tetsuhiro Higashida, MD, Pre-Residency Fellow	
<ul style="list-style-type: none"> • Successful match, skull base fellowship, University of Tennessee 	2008 - 2010
Karen Fagin, MD, Pre-Residency Fellow	2008 - 2010
Diaa Baghat, MD, Pre-Residency Spine Fellow	2007 - 2008
Monir Tabbosha, MD, Pre-Residency Spine Fellow	2007 - 2008
Arun Sherma, MD, Pre-Residency Fellow	2007 - 2008
Dilip Suryvanshi, MD, Pre-Residency Fellow	2006 - 2007

Other

Chaitanya Sikharam, Research Lab, Observer	2012 – 2014
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High School Students

<u>Name</u>	<u>School</u>	<u>City</u>	<u>Year</u>
Emily Schneider	Williamston High School	Williamston, MI	2014
Mentorship includes discussion of career goals and review of medical school requirements			
<ul style="list-style-type: none"> • Obtained placement in research labs and OR for summer observership 			
Ta'Sha Edison	John F. Kennedy High School	Taylor, MI	2013
Mentorship includes discussion of career goals and review of medical school requirements			
<ul style="list-style-type: none"> • Obtained placement in research labs and OR for summer observership 			
Monsoor Mubeen	International Academy	Bloomfield Hills, MI	2013
Mentorship includes discussion of career goals and review of medical school requirements			
<ul style="list-style-type: none"> • Obtained placement in research lab for summer observership 			
Jewel Evans	University Liggett School	Grosse Pointe Woods, MI	2012
Mentorship includes discussion of career goals and review of medical school requirements			
<ul style="list-style-type: none"> • Obtained placement in research labs and OR for summer observership 			
Maggie Kelly	Grosse Pointe North	Grosse Pointe Woods, MI	2012
Mentorship includes discussion of career goals and review of science careers			
<ul style="list-style-type: none"> • Obtained placement in research labs for summer observership 			
Armaity Minwalla	University Liggett School	Grosse Pointe Woods, MI	2012
Mentorship includes discussion of career goals and review of medical school requirements			
<ul style="list-style-type: none"> • Obtained placement in research labs and OR for summer observership 			

TEACHING (Continued)

Scientific Course and Curriculum Development

The Gurdjian-Thomas Visiting Professor Lecture Series and the L. Murray Thomas Visiting Professor Lecture Series honor two past Chairmen of the Department of Neurosurgery. The lecture series is open to academic and community neurosurgeons and other physicians in related specialties in medicine, in addition to allied health care providers. Continuing Medical Education (CME) credits are earned for each session. I plan each lecture in accordance with ACCME requirements (Accreditation Council of Continuing Medical Education.) The planning and implementation includes gap analysis of curricular needs, educational goals and objectives based on ACGME general competencies, expected outcomes, program schedule identifying speakers and moderators, budget submission, grant applications for commercial support if needed, promotional materials, formative and summative evaluation, financial reports, commercial relationship disclosures, letters of agreement if commercial support is utilized, identification of means of disclosure for audience members and a summative report at year end for the CME provider, Wayne State University. I also oversee arrangements for the speaker for travel and reimbursement of expenses, local arrangements for dinner and lecture space, audiovisual requirements, vendor set-up and payment of these expenses. Forty to 50 learners attend each lecture series.

- Gurdjian-Thomas Visiting Professor November 10, 2015
Title: *Multicenter Collaboration – Is It Worth it?*
John Kestle, MD
Professor and Vice Chairman of Clinical Research
University of Utah, Provo, Utah
- L. Murray Thomas Visiting Professor September 30, 2015
Title: *Functional Neurosurgery: Where Medicine and Science Intersect*
Julie Pilitsis, MD, PhD
Professor
Albany Medical College, Albany, NY
- L. Murray Thomas Visiting Professor February 4, 2015
Title: *Endoscopic Skull Base Surgery; Advantages and Limitations*
Daniel Prevedello, MD
Associate Professor
Ohio State University, Columbus, Ohio
- Gurdjian-Thomas Visiting Professor October 9, 2013
Title: *Peripheral Nerve Surgery*
Line Jacques, MD
Professor and Director of Peripheral Nerve Surgery
Montreal Neurological Institute, Montreal, Quebec, Canada
- L. Murray Thomas Visiting Professor September 18, 2013
Title: *On the Way From Benchside to Bedside: Identifying the Genomic Determinants and Signatures for MET-targeted Therapy in Glioblastoma*
Quian Xie, MD, PhD
Assistant Professor
Van Andel Institute, Grand Rapids, Michigan
- L. Murray Thomas Visiting Professor August 7, 2013
Title: *Use of Evoked Potentials in Spine Surgery*
Arvydas Tamkus, MD, PhD
Biotronic NeuroNetwork, Director of Quality Assurance Education and Training
- Gurdjian-Thomas Visiting Professor May 13, 2013
Title: *Management of Traumatic Brain Injury*
Claudia Robertson, MD
Professor & Director of Neurosurgical Intensive Care
Baylor College of Medicine, Baylor, Texas
- L. Murray Thomas Visiting Professor December 12, 2012
Title: *Proton Therapy for Tumors of the Brain and Spine: Rationale and Initial Clinical Results*
Mark McDonald, MD
Assistant Professor Radiation Oncology
Indiana University Health Proton Therapy Center, Bloomington, Indiana

TEACHING (Continued)

Scientific Course and Curriculum Development (Continued)

- L. Murray Thomas Visiting Professor August 29, 2012
Title: *Long Term Outcome Analysis of Minimally Invasive Spine Surgery*
Mick Perez-Cruet, MD
Michigan Head & Spine Institute, Southfield, Michigan
- L. Murray Thomas Visiting Professor June 20, 2012
Title: *NADPH Oxidase in Experimental Stroke: The Importance of Circulating Immune Cells*
Midori Yenari, MD
Associate Professor, Neurology
University of California, San Francisco, California
- Gurdjian-Thomas Visiting Professor June 7, 2012
Title: *Endovascular Treatment of Stroke: Reflection after IMS3*
Marc Ribo, MD, PhD
Assistant Professor, Neurology
Universitari Vall d'Hebron, Barcelona, Spain
- Gurdjian-Thomas Visiting Professor March 6, 2012
Title: *The Future of Neurosurgical Education*
Frederic Meyer, MD, FACS
Professor and Chairman, Neurosurgery
Mayo Clinic College of Medicine, Rochester, Minnesota
- L. Murray Thomas Visiting Professor August 24, 2011
Title: *Surgical Anatomy of the Central Skull Base: Perspectives and Nuances*
Jeffrey Keller, PhD
Professor, Neurosurgery
University of Cincinnati College of Medicine, Cincinnati, Ohio
- L. Murray Thomas Visiting Professor August 17, 2011
Title: *Anterior Posterior Surgery for Adult Idiopathic Thoraco-Lumbar Scoliosis*
John Kostuik, MD, FRCSC
Co-Founder, Past Chairman of the Board, Chief Medical Officer
K2M, Inc., Leesburg, Virginia
- L. Murray Thomas Visiting Professor July 19, 2011
Title: *The SUR1 Regulated Channel: A Novel Treatment for Traumatic CMS Injury and Stroke*
Howard Eisenberg, MD
RK Thompson Professor and Chairman, Neurosurgery
University of Maryland School of Medicine, Baltimore, Maryland
- Gurdjian-Thomas Visiting Professor June 21, 2011
Title: *Cervical Deformity*
Michael Steinmetz, MD
Associate Professor, Neurosurgery
Case Western Reserve University School of Medicine, Cleveland, Ohio
- L. Murray Thomas Visiting Professor May 17, 2011
Title: *Neurological Quality and Outcomes: What We Know, What We Think We Know, and What We Do Not Know*
Thomas C. O'rigano, MD, PhD, FACS
Department of Neurological Surgery, Loyola University Medical Center, Maywood, Illinois
- Gurdjian-Thomas Visiting Professor April 26, 2011
Title: *The Origin and Evolution of Minimally Invasive Neurosurgery*
Alan Cohen, MD, FACS, FAAP
Professor, Neurological Surgery and Pediatrics
Case Western Reserve University School of Medicine, Cleveland, Ohio
Robert and William Reinberger Chair, Pediatric Neurological Surgery
Rainbow Babies and Children's Hospital, Cleveland, Ohio
- L. Murray Thomas Visiting Professor March 15, 2011
Title: *Reduction of Spondylolisthesis*
Brian Dalton, MD
Partner, Tri-State Neurosurgery, Erie, PA

TEACHING (Continued)

Scientific Course and Curriculum Development (Continued)

- Gurdjian-Thomas Visiting Professor January 11, 2011
Title: *The Concussion 'Epidemic' and Neurosurgery*
Gail Rosseau, MD, FACS, FAANS
Northshore University Health System, Chicago, Illinois
- Gurdjian-Thomas Visiting Professor October 12, 2010
Title: *Personalized Neurosurgery for Brain Tumors*
Peter Black, MD, PhD
Franc D. Ingraham Professor of Neurosurgery
Harvard Medical School, Cambridge, Massachusetts
- L. Murray Thomas Visiting Professor September 24, 2010
Title: *TBI Biomarkers: From Benchside to Bedside*
Kevin Wang, PhD
Chief Operations and Scientific Officer
Founder and Center Director
Center of Innovative Research
Banyan Biomarkers, Inc., Alachua, Florida
- L. Murray Thomas Visiting Professor September 29, 2010
Title: *From the Lab to the OR: Innovation in Minimally Invasive Skull Base and Brain Surgery*
Juan Fernandez Miranda, MD
Assistant Professor, Neurosurgery
Director, Surgical Neuroanatomy Lab
University of Pittsburgh, Pittsburgh, Pennsylvania
- Gurdjian-Thomas Visiting Professor July 9, 2010
Title: *Evolution and State of the Art in the Management of Pituitary Tumors*
Edward R. Laws, MD, FACS
Professor, Neurosurgery
Director, Neuro-Endocrine and Pituitary Programs
Brigham and Women's Hospital, Boston, Massachusetts
- Gurdjian-Thomas Visiting Professor July 9, 2010
Title: *Evolution and State of the Art in the Management of Pituitary Tumors*
Edward R. Laws, MD, FACS
Professor, Neurosurgery
Director, Neuro-Endocrine and Pituitary Programs
Brigham and Women's Hospital, Boston, Massachusetts
- Gurdjian-Thomas Visiting Professor December 1, 2009
Title: *Advances in the Multi-Modality Treatment of Brain Tumors*
Steven Brem, MD
Chair, Neuro-Oncology Moffitt Cancer Center
Professor, Neurosurgery
University of South Florida College of Medicine, Tampa, Florida
- L. Murray Thomas Visiting Professor November 18, 2009
Title: *Pediatric Traumatic Brain Injury: Does Age Matter?*
Ramesh Raghupathi, PhD
Associate Professor NeuroBiology / Anatomy
Drexel University College of Medicine, Philadelphia, Pennsylvania
- L. Murray Thomas Visiting Professor September 30, 2009
Title: *Malignant Cerebral Edema: A New Explanation for an Old Theory*
Thomas Kent, MD
Professor, Department of Neurology, Baylor College of Medicine, Houston, Texas
- L. Murray Thomas Visiting Professor August 26, 2009
Title: *Advances in Neuro-Oncology: Tumor Vaccines and Stem Cell Therapeutics*
Andrew Sloan, MD
Associate Professor, Neurosurgery, Case Western Reserve University School of Medicine
University Hospitals - Case Medical Center, Cleveland, Ohio

TEACHING (Continued)

Scientific Course and Curriculum Development (Continued)

- Gurdjian-Thomas Visiting Professor May 27, 2009
Title: *Translational Research in Clinical Neurosurgery Mock Boards*
Fady Charbel, MD, FACS
Professor and Head, Neurosurgery
University of Illinois, Chicago, Illinois
- Gurdjian-Thomas Visiting Professor May 26, 2009
Title: *EC-IC Bypass: A Quarter Century Later, What Have We Learned?*
Fady Charbel, MD, FACS
Professor and Head, Neurosurgery
University of Illinois, Chicago, Illinois
- L. Murray Thomas Visiting Professor February 25, 2009
Title: *Infections of the Temporal Bone with Special Emphasis on the Management of Temporal Encephaloceles*
Raj Murali, MD
Professor and Chairman, Department of Neurosurgery
New York Medical College, New York, New York
- L. Murray Thomas Visiting Professor December 17, 2008
Title: *Biomechanics of the Spine*
Hassan Serhan, PhD
Professor and Director of Research, DePuy Spine, Raynham, Massachusetts
- L. Murray Thomas Visiting Professor November 19, 2008
Title: *Surgery of Temporal Lobe Epilepsy*
Andre Olivier, MD, PhD
Professor and Chairman - Neurosurgery
Montreal Neurological Hospital / McGill University, Montreal, Quebec, Canada
- L. Murray Thomas Visiting Professor October 15, 2008
Title: *Is There Potential for Long-Term Effects of Athletic Concussion?*
Julian Bailes, MD
Professor and Chairman, Neurosurgery
West Virginia University School of Medicine, Morgantown, WV
- L. Murray Thomas Visiting Professor October 8, 2008
Title: *Disconnective Techniques in Surgery for Hemispheric/Subhemispheric Pediatric Epilepsy*
Daniel Roy Thomas, MD
Christian Medical College, Tamil Nadu, India
- Gurdjian-Thomas Visiting Professor September 10, 2008
Title: *Cervical Spondylosis, Cervical Deformity, and Clinical Decision Making*
Edward Benzel, MD
Professor and Chairman, Neurosurgery
Cleveland Clinic, Cleveland, Ohio
- Gurdjian-Thomas Visiting Professor September 9, 2008
Title: *Fusion, Motion Preservation, and Biomechanics: The Basics*
Edward Benzel, MD
Professor and Chairman, Neurosurgery
Cleveland Clinic, Cleveland, Ohio
- Gurdjian-Thomas Visiting Professor July 2, 2008
Title: *Ophthalmic Segment Aneurysms*
Steven L. Giannotta, MD, PhD
Professor and Chairman, Neurosurgery
University of Southern California, Los Angeles, California
- Gurdjian-Thomas Visiting Professor July 1, 2008
Title: *Comprehensive Management of Acoustic Neuromas*
Steven L. Giannotta, MD, PhD
Professor and Chairman, Neurosurgery
University of Southern California, Los Angeles, California

TEACHING (Continued)

Scientific Course and Curriculum Development (Continued)

- Gurdjian-Thomas Visiting Professor May 7, 2008
Title: *Transfacial Skull Base Approaches*
William T. Couldwell, MD, PhD
Professor and Joseph J. Yager Chairman, Neurological Surgery
University of Utah, Salt Lake City, Utah
- Gurdjian-Thomas Visiting Professor May 6, 2008
Title: *Management of the Difficult Meningioma*
William T. Couldwell, MD, PhD
Professor and Joseph J. Yager Chairman, Neurological Surgery
University of Utah, Salt Lake City, Utah
- Gurdjian-Thomas Visiting Professor April 2, 2008
Title: *Choice of Treatment in Trigeminal Neuralgia*
Stephen Haines, MD
Professor and Lyle A. French Chair and Head, Neurosurgery
University of Minnesota, Minneapolis, Minnesota
- Gurdjian-Thomas Visiting Professor April 1, 2008
Title: *Evidence-Based Neurosurgery*
Stephen Haines, MD
Professor and Lyle A. French Chair and Head, Neurosurgery
University of Minnesota, Minneapolis, Minnesota
- Gurdjian-Thomas Visiting Professor May 16, 2007
Title: *Arterial Bypass for Intracranial Aneurysms*
Neil A. Martin, MD
Chairman and W. Eugene Stern Professor, Neurosurgery
University of California Los Angeles Medical Center, Los Angeles, California
- Gurdjian-Thomas Visiting Professor May 15, 2007
Title: *Evolution and Management of Eloquent Cortex AVMs*
Neil A. Martin, MD
Chairman and W. Eugene Stern Professor, Neurosurgery
University of California Los Angeles Medical Center, Los Angeles, California
- Gurdjian-Thomas Visiting Professor March 14, 2007
Title: *Aneurysms 2007 and Beyond*
Eugene S. Flamm, MD
Jeffrey P. Bergstein Chair and Professor, The Leo M. Davidoff Department of Neurological Surgery
Albert Einstein College of Medicine, Yeshiva University, Bronx, New York
- Gurdjian-Thomas Visiting Professor March 13, 2007
Title: *Neurosurgery before Cushing: The Formative Years, 1517-1867*
Eugene S. Flamm, MD
Jeffrey P. Bergstein Chair and Professor, The Leo M. Davidoff Department of Neurological Surgery
Albert Einstein College of Medicine, Yeshiva University, Bronx, New York
- Gurdjian-Thomas Visiting Professor November 15, 2006
Title: *Pituitary and Parasellar Surgery*
Thomas Gennarelli, MD
Professor and Chair, Neurosurgery
Medical College of Wisconsin, Milwaukee, Wisconsin
- Gurdjian-Thomas Visiting Professor November 14, 2006
Title: *Where We've Been and Where We Are Going*
Thomas Gennarelli, MD
Professor and Chair, Neurosurgery
Medical College of Wisconsin, Milwaukee, Wisconsin
- Gurdjian-Thomas Visiting Professor September 20, 2006
Title: *Management Strategies for Cortical AVMs*
Hunt Batjer, MD, FACS
Chair and Michael J. Marchese Professor, Neurosurgery
Feinberg School of Medicine, Northwestern University, Chicago, Illinois

TEACHING (Continued)

Scientific Course and Curriculum Development (Continued)

- Gurdjian-Thomas Visiting Professor September 19, 2006
Title: *Cerebrovascular Disease in the New Millennium*
Hunt Batjer, MD, FACS
Chair and Michael J. Marchese Professor, Neurosurgery
Feinberg School of Medicine, Northwestern University, Chicago, Illinois
- L. Murray Thomas Visiting Professor May 31, 2006
Title: *Intracerebral Hemorrhage Therapy: Is There Light at the End of the Tunnel?*
Stephen Mayer, MD
Associate Professor, Clinical Neurology and Neurological Surgery
The Neurological Institute of New York, Columbia University Medical Center, New York, New York
- Gurdjian-Thomas Visiting Professor March 15, 2006
Title: *The History of Neurosurgery Case Presentations in Cranial Nerve Surgery*
Peter Jannetta, MD
Chairman, Neurosurgery
University of Pittsburgh, Pittsburgh, Pennsylvania
- Gurdjian-Thomas Visiting Professor March 14, 2006
Title: *The History of Neurosurgery*
Peter Jannetta, MD
Chairman, Neurosurgery
University of Pittsburgh, Pittsburgh, Pennsylvania
- L. Murray Thomas Visiting Professor February 8, 2006
Title: *Malignant Glioma: Evidence-Based Review of Surgical Management and Local Therapy*
Timothy Ryken, MD
Associate Professor, Neurosurgery
University of Iowa, Iowa City, Iowa

Scientific Symposia

All scientific symposia are sponsored by the Department of Neurosurgery. Continuing Medical Education (CME) is provided by Wayne State University. For each event, I complete an application for continuing medical education category 1 credits. I design, direct, implement and evaluate each educational event based on the resources and best practices in the field of neurosurgery. The application includes gap analysis of curricular needs, identification of themes relevant to the topics, educational goals and objectives based on Accreditation Council General Medical Education (ACGME) general competencies, expected outcomes, program schedule identifying speakers and moderators, budget submission, grant applications for commercial support if needed, promotional materials, formative and summative evaluation, financial reports, commercial relationship disclosures, letters of agreement if commercial support is utilized, identification of means of disclosure for audience members and a summative report at year end for the CME provider, Wayne State University. In addition, I oversee arrangements for the speaker(s) for travel and reimbursement of expenses, arrangements for dinner and lecture space, audiovisual requirements, vendor set-up and payment of these expenses. Educational events that are longer than one day require hotel room nights for the participants, social events and transportation for all attendees which I organize, in addition to organization of volunteer staff and coordination of faculty schedules.

- Michigan Association of Neurological Surgeons 34th Annual Scientific Meeting** May 20-22, 2016
Inn at Bay Harbor, Bay Harbor, Michigan
- Midas Rex Advanced Workshop Cranial Cadaver Course** April 2, 2016
Guthikonda Skull Base Lab, Wayne State University
- Skull Base Cadaver Course** March 12, 2016
Guthikonda Skull Base Lab, Wayne State University
- O-Arm Spine Cadaver Lab** December 5, 2015
Detroit Receiving Hospital, Detroit Medical Center, Detroit, Michigan
- Skull Base Cadaver lab, Curriculum Development** 2015 - Present
Guthikonda Skull Base Lab, Wayne State University
- Michigan Association of Neurological Surgeons 33rd Annual Scientific Meeting** May 29-31, 2015
Inn at Bay Harbor, Bay Harbor, Michigan

TEACHING (Continued)

Scientific Symposia (Continued)

XLIF Cadaver Lab Lecture and skills lab for the Extreme Lateral Interbody Fusion spine procedure Beaumont Surgical Simulation Labs Royal Oak, Michigan	November 1, 2014
Michigan Chapter for the Society of Neurosciences Detroit, Michigan	May 13, 2013
Neuro-Oncology Update 2010: A Symposium on Established and Emerging Trends in Cranial and Spinal Neuro-Oncology Detroit, Michigan	September 25, 2010
Trigeminal Neuralgia Association National Meeting Dearborn, Michigan	September 9, 2008
Michigan Association of Neurological Surgeons: Annual Summer Meeting Traverse City, Michigan	June 11-13, 2004
Cutting Edge Technologies in the Management of Back Pain Michigan Association of Neurological Surgeons: Mid-Winter Meeting Troy, Michigan	November 22, 2003
The Renaissance of Neurosurgery: The Sixth Detroit Neurosurgery Symposium Detroit, Michigan	September 13-14, 2002
Neurosurgery in the 21st Century: The Fifth Detroit Neurosurgery Symposium Detroit, Michigan	November 3-5, 2000
Michigan Association of Neurological Surgeons Annual Meeting Gaylord, Michigan	June 25-27, 1999
Making Sense of Spine Instrumentation Part II: Practical Course Detroit, Michigan	May 21, 1999
The BAK Spine Training Course: Practical Course Detroit, Michigan	February 27, 1999
Neural Injury: Advanced Brain Life Support Celebrating the 50th Anniversary of the Wayne State University Neurosurgery Residency Program The Fourth Detroit Neurosurgery Symposium Detroit, Michigan	November 13-15, 1998
Michigan Association of Neurological Surgeons Mid-Winter Meeting Dearborn, Michigan	February 13, 1998
Making Sense of Spinal Instrumentation: Practical Course Detroit, Michigan	May 1, 1998
Primary Care Physicians Course: Advanced Brain Life Support Michigan Association of Neurological Surgeons, Thompsonville, Michigan	June 19, 1998
The Brain Mechanics of Dollar\$ & \$ense Michigan Association of Neurological Surgeons Thompsonville, Michigan	June 19-21, 1998
World Health Organization Working Group on Neurosurgery Detroit, Michigan	November 22, 1997
Microsurgery vs. Radiosurgery: The Third Detroit Neurosurgery Symposium Detroit, Michigan	November 15-17, 1996

TEACHING (Continued)
Curriculum Development

I design each educational conference or core module to have a set of activities that are longitudinal and evaluated over established time periods. Curricular development in neurosurgery is directly related to best practices in the field and to evidence-based medicine, so the curriculum evolves to meet needs of our learners. I design the curriculum for each activity, implement and assess and then redesign in order to constantly improve.

Wayne State University Medical Student Neurosurgery Interest Group	2010 – Present
Pediatric Neurosurgery Introduction, October 9, 2015	
Suture Lab, November 5, 2015	
Research Opportunities, December 4, 2015	
Endovascular Neurosurgery Cerebral Flow Model Practicum, January 27, 2016	
Students Meet the Matched, April 7, 2016	
Functional Neurosurgery Introduction, April 13, 2016	
Neurosurgery Residency Grand Rounds	2006 - Present
Neurosurgery Residency General Competencies Curriculum	2005 - Present
Neurosurgery Resident/Fellow Training Manual	2005 - Present
Neurosurgery Resident Evaluation Modules	2005 - Present
Neurosurgery Residency Core Curriculum	2004 - Present

GRANTS, CONTRACTS AND OTHER FUNDING

Residency Training Unrestricted Education Grant

Principal Investigator: Vicki Diaz, MSN, PhD
Source: Synthes DePuy
Period of Support: 2008-2015
Total Support: \$103,800

Residency Training Unrestricted Education Grant

Principal Investigator: Vicki Diaz, MSN, PhD
Source: Synthes DePuy
Period of Support: 2010-2016
Total Support: \$107,908

Residency Training Education Grant: Skull Base Cadaver Lab

Principal Investigator: Vicki Diaz, MSN, PhD
Source: Synthes DePuy
Period of Support: 2015-2016
Total Support: \$12,000

Residency Training Education Grant: Codman Resident Travel Grant

Principal Investigator: Vicki Diaz, MSN, PhD
Sources: Codman Neuro
Period of Support: 2015
Total Support: \$1,200

Unrestricted Educational Grants

Journal Club

I obtain Journal Club grants as a means to provide an educational setting for review of the current literature. Some grants require on-line submission of requests identifying the topic(s) of discussion and the PubMed ID numbers, goals and objectives and expected outcomes. Other grants are obtained verbally by request. Selection of articles are based on identification of curricular needs. I oversee distribution of articles and arrangements for location, audiovisual needs and dinner. There are 15-20 learners at each event. WSU medical students interested in neurosurgery routinely attend Journal Club in addition to faculty, residents and fellows.

Orthofix Spine	\$ 300	April, 2015
Medtronic	\$ 300	February, 2015
Baxter Healthcare	\$ 300	January, 2015
Universal Home Health & Hospice	\$ 300	December, 2014
Baxter Healthcare	\$ 300	November, 2014

GRANTS, CONTRACTS AND OTHER FUNDING (Continued)
Previously Funded Grants and Contracts (Continued)
Unrestricted Educational Grants (Continued)

NuVasive	\$ 300	October, 2014
Integra	\$ 300	July, 2014
ProMed Instruments	\$ 300	June, 2014
My Spine Team	\$ 300	May, 2014
Synergy Spine	\$ 300	April, 2014
Arbor Pharmaceuticals	\$ 300	March, 2014
Ethicon Biosurgery	\$ 300	February, 2014
Aesculap Neurosurgery	\$ 300	January, 2014
Codman Neuro Specialist	\$ 500	December, 2013
KLS Martin	\$ 500	October, 2013
IMRIS	\$ 500	September, 2013
Rad Pad Radiation Safety	\$ 500	August, 2013
Vimpat	\$ 500	July, 2013
Medtronic Advanced Energy	\$ 500	June, 2013
My Spine Team	\$ 500	May, 2013
Aesculap	\$ 500	April, 2013
Bacterin International, Inc.	\$ 500	March, 2013
Medtronic	\$ 500	February, 2013
Codman Neuro Specialist	\$ 500	January, 2013
Baxter Biosurgery	\$ 500	December, 2012
Medtronic Advanced Energy	\$ 500	November, 2012
Integra	\$ 500	October, 2012
Total	\$10,600	

Michigan Association of Neurological Surgeons Annual Meeting

May 29 – 30, 2015

Restricted and/or unrestricted educational grants were obtained by me from companies with close ties to neurosurgery to support educational programs. Obtaining these grants requires outreach to local representatives to describe and explain planned educational events or submission of grant requests on-line, completion of grant support documentation, agreement and acknowledgement contracts, disclosure of commercial support to participants, review of all promotional materials and audiovisual materials, completion of budget paperwork and evaluation of educational programming and vendor support.

Aesculap	\$ 1,600.00
Baxter	\$ 1,600.00
Biomet Spine	\$ 1,600.00
Biotronic	\$ 1,600.00
Brainlab	\$ 1,600.00
Codman Neuro	\$ 1,600.00
DePuy Synthes	\$ 1,600.00
DFINE	\$ 1,600.00
Florida Institute for Neurologic Rehab	\$ 1,600.00
Globus Medical	\$ 1,600.00
Hummingbird	\$ 1,000.00
Integra OrthoBiologics	\$ 1,600.00
Integra Spine	\$ 1,600.00
ISTO Technologies	\$ 1,600.00
K2M (Premier Partner)	\$ 5,000.00
KLS Martin	\$ 1,600.00
LDR Spine	\$ 1,600.00
Mary Free Bed Rehabilitation Hospital	\$ 1,600.00
McLaren Hospital	\$ 1,600.00
Medkinect	\$ 1,600.00
Medtronic	\$ 1,600.00
Medtronic Surgical Technologies	\$ 1,600.00

GRANTS, CONTRACTS AND OTHER FUNDING (Continued)
Previously Funded Grants and Contracts (Continued)
Unrestricted Educational Grants (Continued)

Monteris Medical	\$ 1,600.00
Orthofix	\$ 1,600.00
Si-Bone	\$ 1,600.00
Söring	\$ 1,600.00
Southern Spine	\$ 1,600.00
Spine Wave	\$ 1,600.00
Stryker	\$ 1,600.00
SurgicalOne	\$ 1,600.00
The Medicines Company	\$ 1,600.00
Trinity Financial	\$ 1,600.00
UCB	\$ 1,600.00
Mallinckrodt	\$ 1,600.00
Beaumont	\$ 1,000.00
DMC/WSU	\$ 5,000.00
HFHS	\$ 3,500.00
Lansing Neurosurgery	\$ 2,500.00
MHSI	\$ 5,000.00
Michigan Brain and Spine	\$ 1,000.00
U of M	<u>\$ 3,500.00</u>
Total	<u>\$77,100.00</u>

NeuroOncology Update: A Symposium on Established and Emerging Trends in Cranial and Spinal Neuro-Oncology

September 25, 2010

Restricted and/or unrestricted educational grants were obtained by me from companies with close ties to neurosurgery to support educational programs. Obtaining these grants requires outreach to local representatives to describe and explain planned educational events or submission of grant requests on-line, completion of grant support documentation, agreement and acknowledgement contracts, disclosure of commercial support to participants, review of all promotional materials and audiovisual materials, completion of budget paperwork and evaluation of educational programming and vendor support.

Medtronic Spinal and Biologics	\$ 3,000
KLS Martin	\$ 2,000
Stryker	\$ 1,000
Surgical One	\$ 1,000
Marty Lemire/Biomet	\$ 1,000
Michigan Ortho Services	\$ 1,000
Nico Corporation	\$ 500
Orthofix	\$ 500
Porex	\$ 500
Karmanos Cancer Institute	<u>\$ 500</u>
Total	<u>\$11,000</u>

Gurdjian-Thomas / L. Murray Thomas Visiting Professor Lectureships

Restricted and/or unrestricted educational grants were obtained by me from companies with close ties to neurosurgery to support educational programs. Obtaining these grants requires outreach to local representatives to describe and explain planned educational events or submission of grant requests on-line, completion of grant support documentation, agreement and acknowledgement contracts, disclosure of commercial support to participants, review of all promotional materials and audiovisual materials, completion of budget paperwork and evaluation of educational programming and vendor support.

Covidien / EV3	\$ 2,500	2012
K2M	\$ 5,000	2011
Stryker	\$ 1,500	2010
Stryker/Medtronic CranioMaxilloFacial	\$ 1,500	2009

GRANTS, CONTRACTS AND OTHER FUNDING (Continued)
Previously Funded Grants and Contracts (Continued)
Unrestricted Educational Grants (Continued)

KLS Martin	\$ 500	2009
Baxter BioSurgery	\$ 1,000	2009
Spine Wave	\$ 3,200	2009
King Medical	\$ 500	2009
Spine Wave	\$ 750	2008
Stryker	\$ 2,500	2008
Baxter BioSurgical	\$ 1,000	2008
Michigan Surgical	\$ 2,500	2008
Integra Life	\$ 2,000	2008
PDL / BioPharma, Inc.	\$ 1,750	2007
Synthes	\$ 500	2006
Boston Scientific / Neurovascular	\$ 1,000	2006
Total	\$28,209	

Michigan Association of Neurological Surgeons Summer Meeting **June 2004**

Restricted and/or unrestricted educational grants were obtained by me from companies with close ties to neurosurgery to support educational programs. Obtaining these grants requires outreach to local representatives to describe and explain planned educational events or submission of grant requests on-line, completion of grant support documentation, agreement and acknowledgement contracts, disclosure of commercial support to participants, review of all promotional materials and audiovisual materials, completion of budget paperwork and evaluation of educational programming and vendor support.

OsteoSolutions / Stryker Spine	\$ 2,500
Aesculap	\$ 5,000
Destiny Medical Distributors	\$ 5,000
Silver Surgical Supply (Zimmer)	\$ 5,000
Wings Medical Technologies	\$ 2,000
Boston Scientific Neurovascular	\$ 2,000
DePuy Spine / Surgical Solutions	\$ 2,000
Musculoskeletal Transplant Foundation	\$ 600
Gift of Life, Michigan	\$ 2,300
Stryker Spine	\$ 1,000
Boehringer Ingelheim	\$ 600
Calder Development / Biotronic	\$ 600
Carl Zeiss Surgical Microscope	\$ 1,000
EBI Medical	\$ 600
Guilford Pharmaceuticals	\$ 600
Integra Neurosciences	\$ 1,000
Mary Free Bed Hospital /Rehab Center	\$ 600
Medtronic Neurologic Technologies	\$ 600
Medtronic Sofamor Danek	\$ 600
Michigan Orthopedic Services	\$ 600
Micro Therapeutics (MTI)	\$ 600
Osteomed Corporation	\$ 600
Spinal Concepts, Inc.	\$ 600
Stryker Instruments (Leibinger & Navigation	\$ 600
Surgical One, Inc.	\$ 600
Synthes Maxillofacial	\$ 600
Synthes Spine	\$ 600
Wright and Fillipis	\$ 600
Total	\$39,000

GRANTS, CONTRACTS AND OTHER FUNDING (Continued)

Previously Funded Grants and Contracts (Continued)

Unrestricted Educational Grants (Continued)

Michigan Association of Neurological Surgeons Fall Meeting

November 2003

Restricted and/or unrestricted educational grants were obtained by me from companies with close ties to neurosurgery to support educational programs. Obtaining these grants requires outreach to local representatives to describe and explain planned educational events or submission of grant requests on-line, completion of grant support documentation, agreement and acknowledgement contracts, disclosure of commercial support to participants, review of all promotional materials and audiovisual materials, completion of budget paperwork and evaluation of educational programming and vendor support.

Aesculap	\$ 2,000
Baxter Health Corporation	\$ 500
Biotronic	\$ 375
Great Lake Medical / Spinal Concepts	\$ 365
Integra Neurosciences	\$ 500
Kyphon Medical	\$ 365
Musculoskeletal Transplant Foundation	\$ 365
Osteo Solutions	\$ 3,750
Surgical Resources	\$ 1,250
Strive Medical	\$ 500
Surgical One	\$ 365
Surgical Solutions / DePuy Spine	<u>\$ 2,000</u>
Total	\$12,335

The Renaissance of Neurosurgery: The Sixth Detroit Neurosurgery Symposium

September 13-14, 2002

Restricted and/or unrestricted educational grants were obtained by me from companies with close ties to neurosurgery to support educational programs. Obtaining these grants requires outreach to local representatives to describe and explain planned educational events or submission of grant requests on-line, completion of grant support documentation, agreement and acknowledgement contracts, disclosure of commercial support to participants, review of all promotional materials and audiovisual materials, completion of budget paperwork and evaluation of educational programming and vendor support.

Accuray, Inc.	\$ 2,000
Baxter	\$ 2,000
Boston Scientific	\$ 2,000
Brain Lab	\$ 2,000
Calder Development	\$ 2,000
Codman, Johnson & Johnson	\$ 2,000
Cook Neurological Inc.	\$ 2,000
EBI Medical Systems	\$ 2,000
Transplantation Society of Michigan	\$ 500
Guilford Pharmaceuticals	\$ 2,000
Integra Neurosciences	\$ 2,000
Lippincott Williams & Wilkins	\$ 300
Olympus America, Inc.	\$ 2,000
PMT Corporation	\$ 2,000
Spinal Concepts	\$ 2,000
Silver Surgical Supply	\$ 2,000
Surgical One, Inc.	\$ 2,000
Gift of Life, Michigan	\$ 500
Kindred Health Care	\$ 2,000
Medtronic	\$ 2,000
Microvention	\$ 2,000
Spine Tech	\$ 2,000
Stryker-Howmedica-Osteonics	<u>\$ 2,000</u>
Total	\$41,300

GRANTS, CONTRACTS AND OTHER FUNDING (Continued)

Previously Funded Grants and Contracts (Continued)

Unrestricted Educational Grants (Continued)

Neurosurgery in the 21st Century: The Fifth Detroit Neurosurgery Symposium November 3-5, 2000

Restricted and/or unrestricted educational grants were obtained by me from companies with close ties to neurosurgery to support educational programs. Obtaining these grants requires outreach to local representatives to describe and explain planned educational events or submission of grant requests on-line, completion of grant support documentation, agreement and acknowledgement contracts, disclosure of commercial support to participants, review of all promotional materials and audiovisual materials, completion of budget paperwork and evaluation of educational programming and vendor support.

Brain Lab	\$ 2,000
Ligon Research Center of Vision	\$ 1,000
Medtronic Neurologic Technologies	\$ 500
Medtronic Sofamor Danek	\$ 5,000
Neurological Research Journal	\$ 500
University Neurosurgical Association, P.C.	\$ 1,000
W.B. Saunders	\$ 300
Wayne State University Theatre Dept.	\$ 300
Wayne State University Alumni Assoc.	\$ 1,000
Hypermedica	\$ 2,635
Aesculap	\$ 2,000
Arrow Therex	\$ 2,000
Aventis	\$ 2,000
Bioelectron	\$ 1,000
Boston-Scientific	\$ 2,000
Calder Development	\$ 2,000
Carl Zeiss	\$ 2,000
Cook, Incorporated	\$ 2,000
Harcourt Health Sciences	\$ 300
Integra	\$ 2,000
J & T Professional	\$ 2,000
KLS Martin	\$ 2,000
Lakeland Medical Services	\$ 500
Lippincott, Williams and Wilkins	\$ 300
Medtronic	\$ 2,000
Microvision	\$ 2,000
Musculoskeletal, Inc.	\$ 500
NMT Neurosciences	\$ 2,000
Olympus	\$ 2,000
PMT Corporation	\$ 2,000
Walter Lorenz Surgical	\$ 2,000
Wright & Fillipis	\$ 2,000
Total	\$50,835

Neural Injury:

November 13-15, 1998

Advanced Brain Life Support Celebrating the 50th Anniversary of the Wayne State University

Neurosurgery Residency Program: The Fourth Detroit Neurosurgery Symposium

Restricted and/or unrestricted educational grants were obtained by me from companies with close ties to neurosurgery to support educational programs. Obtaining these grants requires outreach to local representatives to describe and explain planned educational events or submission of grant requests on-line, completion of grant support documentation, agreement and acknowledgement contracts, disclosure of commercial support to participants, review of all promotional materials and grants, contracts audiovisual materials, completion of budget paperwork and evaluation of educational programming and vendor support.

Omni Medical	\$ 6,000
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GRANTS, CONTRACTS AND OTHER FUNDING (Continued)
Previously Funded Grants and Contracts (Continued)
Unrestricted Educational Grants (Continued)

Aesculap	\$ 2,000
Codman / Johnson & Johnson	\$ 2,000
Camino / Neuro Care	\$ 4,000
Acromed	\$ 2,000
Radionics	\$ 2,000
PMT Corporation	\$ 1,500
Leibinger	\$ 2,000
Sofamor Danek	\$ 2,000
Biotronics	\$ 2,000
Innovative Surgical	\$ 2,000
Medtronic	\$ 2,000
NMT Neurosciences	\$ 2,000
Red Cross	\$ 500
Transplantation Society	\$ 500
Pharmacia & Upjohn	\$ 2,000
W.L. Gore and Associates	\$ 2,000
Carl Zeiss	\$ 2,000
Baxter	\$ 2,000
W.B. Saunders	\$ 300
Omni Medical	\$ 1,000
Total	\$41,800

Microsurgery vs. Radiosurgery: Third Detroit Neurosurgery Symposium **November 15-17, 1996**

Restricted and/or unrestricted educational grants were obtained by me from companies with close ties to neurosurgery to support educational programs. Obtaining these grants requires outreach to local representatives to describe and explain planned educational events or submission of grant requests on-line, completion of grant support documentation, agreement and acknowledgement contracts, disclosure of commercial support to participants, review of all promotional materials and audiovisual materials, completion of budget paperwork and evaluation of educational programming and vendor support.

Elekta Instruments, Inc.	\$10,000
The Anspach Companies	\$ 2,000
Biotronic	\$ 2,000
Camino/Heyer-Schulte Neurocare Group	\$ 2,000
Carl Zeiss, Inc.	\$ 2,000
Hall Surgical, Division of Zimmer	\$ 2,000
Leica, Inc.	\$ 2,000
Leibinger	\$ 2,000
Midas Rex Institute, Inc.	\$ 1,000
PMT Corporation	\$ 1,000
Valley Lab, Inc.	\$ 2,000
BMW Medical Products/Codman	\$ 300
Johnson & Johnson Professional	\$ 500
Omni Care Designs	\$ 500
Total	\$29,300

PUBLICATIONS**Abstracts**

1. Alexa Thibodeau, Lipeng Cai, James Stevenson, Xiaokun Geng, **Vicki Diaz**, Xunming Ji, Yuchuan Ding: A Key Role of NOX-PKC-Akt Regulation by Therapeutic Adjuvants Using Normobaric Oxygen with Hypothermia or Ethanol in Thromboembolic Stroke. Presented at the International Stroke Conference 2016, Los Angeles, CA.
2. Alexa Thibodeau, Lipeng Cai, Changya Peng, Xiaokun Geng, **Vicki Diaz**, Xunming Ji, Yuchuan Ding: A Combination Therapy of Normobaric Oxygen with Hypothermia or Ethanol Modulates Pyruvate Dehydrogenase Complex in Thromboembolic Cerebral Ischemia. Presented at the International Stroke Conference 2016, Los Angeles, CA.

Non-Peer-Reviewed Publications

1. **Diaz VM**: The Effects of Cognitive Style and Locus of Control Strategies on Learner Achievement and Anxiety in an Interactive Videodisc Lesson on Structure and Function of the Human Brain. Doctor of Philosophy Dissertation, University of Florida, Gainesville, Florida, 1994
Author. Doctoral dissertation, responsible for the scientific content, data collection, analysis, writing and editing.
3. **Diaz VM**: Cerebrovascular Reconstruction, Postoperative Outcome. Neuroscience Institute of Santa Fe, Gainesville, Florida, 1987 – 1990
Author. Institutional Study. Responsible for data collection, analysis, writing and editing.
4. **Diaz VM**: Use or Non-Use of Contraceptives by Sexually Active Adolescents. Master's Thesis, University of Florida, Gainesville, Florida, 1987
Author. Master's thesis. Responsible for scientific content, data collection, analysis, writing and editing.
5. **Diaz VM**: Changes in Family Dynamics after Cancer Diagnosis. Honors Research Project, University of Florida, Gainesville, Florida, 1985
Author. Honors Research Project. Responsible for scientific content, data collection, analysis, writing and editing.

Book Authorships, Editorships, and Chapters

1. **Diaz VM**: History of Wayne State University Neurosurgery; in: Detroit Surgeons / 300 Years, Vol. 1 Appendix 3-6. Dorian Naughton Publishing, 2011

Other Publications: Print Media

I designed print brochures to share information about specific procedures or about the neurosurgical department at Wayne State University. Articles about patients and surgical procedures and about neurosurgical faculty were written, photographed, and edited by me. These were printed and distributed as promotional materials for Wayne State University and the Detroit Medical Center. Each brochure was distributed via mail and electronic mail to all neurosurgical academic programs in the United States and to neurologists, neuro-oncologists, neuroradiologists and orthopedic surgeons in a tri-state area.

1. **Diaz, VM** Inside Neurosurgery: Epilepsy Surgery, Print Brochure 2008
Wayne State University, Detroit, Michigan
2. **Diaz, VM** Inside Neurosurgery: Microvascular Decompression, Print Brochure 2007
Wayne State University, Detroit, Michigan
3. **Diaz, VM** Wayne State University Neurological Surgery Department: A Continuing Commitment to Excellence, Print Brochure 1999
Wayne State University, Detroit, Michigan
4. **Diaz, VM** Gamma Knife: A Knife Without a Blade, Print Brochure 1996
Wayne State University, Detroit, Michigan
5. **Diaz, VM** Wayne State University Neurological Surgery Department: A Commitment to Excellence, Print Brochure 1995
Wayne State University, Detroit, Michigan
6. **Diaz, VM** Resident / Fellow Manual: Department of Neurological Surgery, 2006
Wayne State University. Copywrite 2006. Edited Revision: 2007, 2008, 2009, 2010, 2011, 2012, 2013.

PUBLICATIONS (Continued)

Other Publications: Electronic Media

I produced digital movies to archive the long history of the department. My involvement included obtaining anecdotal histories from past graduates, photos from archival materials, organization of materials into timeline data and production with editorial assistance.

1. **Diaz, VM** Neurosurgery at Wayne State University, 1946-2013, Digital Movie 2013
Wayne State University Alumni Reception
American Association of Neurological Surgeons Annual Meeting, New Orleans, Louisiana
2. **Diaz, VM** Neurosurgery at Wayne State University, 1946-2012, Digital Movie 2012
Wayne State University Alumni Reception
American Association of Neurological Surgeons Annual Meeting, Miami, Florida
3. **Diaz, VM** Neurosurgery at Wayne State University, 1946-2011, Digital Movie 2011
Wayne State University Alumni Reception
American Association of Neurological Surgeons, Annual Meeting, Denver, Colorado

VHS movies were produced by me to teach specific neurosurgical topics to neurosurgeons. My involvement included filming the operative case in the operating room, both as an observer and through the microscope, editing the videotape for specific procedural and anatomical teaching points, incorporating the visual cues and words necessary for the presentation and final production on VHS for presentation at neurosurgical conferences.

4. **Diaz, VM** Anterior Circulation Aneurysms, Videotape (1993)
Wayne State University, Detroit, Michigan
Video presented at the following meetings by Fernando G. Diaz, M.D., Ph.D.:
 - Surgical Management of Complex Intracranial Aneurysms. Invited Professor February 1993
XV Microsurgery Course. ISSSTE, and Universidad Nacional Autonoma de Mexico
Mexico City, Mexico
 - Complex Intracranial Anterior Circulation Aneurysms October 1993
X World Congress of Neurological Surgery
Acapulco, Mexico
 - Anterior Cerebral Artery Aneurysms October 1994
Congress of Neurological Surgeons, Annual Meeting
Chicago, Illinois
 - Anterior Communicating Artery Aneurysms October 1994
XXVI Latin-American Congress of Neurological Surgeons Meeting
Cartagena, Colombia.
 - Intracranial Aneurysm Surgery, An Overview September 1995
American College of Osteopathy, Neurological Surgery Section, Annual Meeting.
New Orleans, Louisiana
5. **Diaz, VM** Internal Carotid Artery Bifurcation Aneurysms, Videotape (1993)
Wayne State University, Detroit, Michigan
Video presented at the following meetings by Fernando G. Diaz, M.D., Ph.D.:
 - Management of Complex Intracranial Aneurysms, Grand Rounds Lecture April 1993
Neurological Surgery Section, Invited Professor. University of Michigan
Ann Arbor, Michigan

Internal Carotid Artery Bifurcation Aneurysms, Videotape

- Complex Intracranial Aneurysms: Surgical techniques. Cerebrovascular Workshop April 1994
Neurosurgical Society of Santo Domingo.
Dominican Republic
- Surgical Management of Complex Intracranial Aneurysms June 1995
4th International Workshop on Cerebrovascular Surgery
Chicago, Illinois
- Intracranial Aneurysms November 1995
First International Symposium of Cerebrovascular Pathology
Cordoba, Argentina

PUBLICATIONS (Continued)

Other Publications: Electronic Media (Continued)

6. **Diaz, VM** Middle Cerebral Artery Aneurysms, Videotape (1993)
Wayne State University, Detroit, Michigan
Video presented at the following meetings by Fernando G. Diaz, M.D., Ph.D.:
 - Complex Middle Cerebral Artery Aneurysms April 1993
 - American Association of Neurological Surgeons, Annual Meeting.
Boston, Massachusetts
 - Surgery for Complex Middle Cerebral Artery Aneurysms June 1993
 - 43e Congres de la Societe de Neuro-Chirurgie de la Langue Francaise
Brussels, Belgium
 - Giant Middle Cerebral Artery Aneurysms April 1994
 - American Association of Neurological Surgeons. Annual Meeting.
San Diego, California
7. **Diaz, VM** Lumbar Myelogram, Slide / Audio Tape Program (1988) February 1988
Alachua General Hospital
*Patient education for Neuroscience institute of Santa Fe
Gainesville, Florida*
8. **Diaz, VM** Spina Bifida, Slide/Audio Tape Program (1987) January 1987
Alachua General Hospital
*Patient education for Neuroscience Institute of Santa Fe
Gainesville, Florida*

PRESENTATIONS

Invited Seminars

1. Invited Speaker at Women in Medicine and Science Advisory Committee, Wayne State University
 - November 11, 2015
 - Title: How Do I Know I'm Ready for Promotion?
 - Audience: MD and PhD Female Faculty
2. Invited Speaker at Wayne State University Neurosurgery Interest Group, DMC/WSU, Wayne State University, Detroit, MI
 - October 21, 2014
 - Title: Successful Application to Residency Programs
 - Audience: WSU Year 3 Medical Students
3. Invited Speaker at Wayne State University Chairman's Grand Rounds, Department of Psychiatry
 - July 30, 2014
 - Title: Implementation of the Milestones in a Neurosurgery Residency
 - Audience: Psychiatrists, Psychiatry Residents, GME staff
4. Invited Speaker at Wayne State University Neurosurgery Interest Group, DMC/WSU, Wayne State University, Detroit, MI
 - April 21, 2014
 - Title: Successful Application to Residency Programs
 - Audience: WSU Year 3 Medical Students
5. Invited Speaker at Wayne State University Neurosurgery Interest Group, DMC/WSU, Wayne State University, Detroit, MI
 - March 31, 2014
 - Title: Meet the Matched: Tips for Successful Match to Neurosurgery
 - Audience: WSU Year 3 and Year 4 Medical Students
6. Invited Speaker at Graduate Medical Education Meeting, Detroit Medical Center Campus, Detroit MI
 - February 24, 2014
 - Title: Neurosurgery Phase I NAS Updates
 - Audience: Program Directors and Program Coordinators
7. Invited Speaker at Wayne State University Medical Students, DMC/WSU, Wayne State University, Detroit, MI
 - March 25, 2013
 - Title: Neurosurgery and the Match
 - Audience: WSU Year 3 and Year 4 Medical Students

PRESENTATIONS (Continued)**Invited Seminars (Continued)**

8. Invited Speaker at Graduate Medical Education Meeting, Detroit Medical Center Campus, Detroit, MI
 - April 22, 2013
 - Title: Successful Application to Residency Programs.
 - Audience: WSU Year 3 Medical Students
9. Invited Speaker Graduate Medical Education Meeting, Detroit Medical Center Campus, Detroit, MI
 - April 20, 2012
 - Title: Successful Application to Residency Programs.
 - Audience: WSU Year 3 and Year 4 Medical Students
10. Invited Speaker at Wayne State University Neurosurgery Interest Group, Wayne State University, Detroit, MI
 - October 5, 2012
 - Title: Neurosurgery and the National Residency Matching Program
 - Audience: WSU Medical Students
11. Invited Speaker at Wayne State University Neurosurgery Interest Group, Wayne State University, Detroit, MI
 - September 16, 2011
 - Title: Neurosurgery and the National Residency Matching Program
 - Audience: WSU Medical Students
12. Invited Speaker at Wayne State University Neurosurgery Interest Group, Wayne State University, Detroit, MI
 - August 23, 2010
 - Title: Neurosurgery and the National Residency Matching Program,
 - Audience: WSU Medical Students
13. Invited Speaker at Neurosurgery Executives Resource Value and Education Society (NERVES) Annual Meeting, Washington, DC
 - April 12 – 14, 2007
 - Title: Building a Neurosurgery Residency Program
 - Audience: Practice Managers for Academic and Private Practice Neurosurgeons

Invited Grand Rounds

1. Invited Speaker at Neurosurgery Grand Rounds, Wayne State University, Detroit, MI
 - August 5, 2015
 - Title: Ethics and Professionalism Journal Club
 - Audience: Neurosurgery Residents
2. Invited Speaker at Neurosurgery Grand Rounds, Wayne State University, Detroit, MI
 - July 1, 2015
 - Title: Neurosurgery Orientation for New Residents
 - Audience: Neurosurgery Residents
3. Invited Speaker at Neurosurgery Grand Rounds, Wayne State University, Detroit, MI
 - July 9, 2014
 - Title: Neurosurgery Orientation for New Residents
 - Audience: Neurosurgery Residents
4. Invited Speaker at Neurosurgery Grand Rounds, Wayne State University, Detroit, MI
 - June 6, 2014
 - Title: Professionalism and Interpersonal & Communication Skills
 - Audience: Neurosurgery Faculty and Residents
5. Invited Speaker at Neurosurgery Grand Rounds, Wayne State University, Detroit, MI
 - May 21, 2014
 - Title: Evolving Resident Information Construct (ERIC) Workshop
 - Audience: Neurosurgery Faculty and Residents
6. Invited Speaker at Neurosurgery Grand Rounds, Wayne State University, Detroit, MI
 - May 21, 2014
 - Title: Ventriculostomy Simulator Project: Evaluation of Model with Nicholas Szerlip, MD, WSU, Albert Shih, PhD, University of Michigan and Bruce Tai, PhD, University of Michigan
 - Audience: Neurosurgery Faculty and Residents

PRESENTATIONS (*Continued*)

Invited Grand Rounds (*Continued*)

7. Invited Speaker at Neurosurgery Grand Rounds, Wayne State University, Detroit, MI
 - March 6, 2013
 - Title: Accreditation Council for Graduate Medical Education (ACGME) Workshop
 - Audience: Neurosurgery Faculty Residents and Fellows
8. Invited Speaker at Neurosurgery Grand Rounds, Wayne State University, Detroit, MI
 - March 13, 2013
 - Title: Accreditation Council for Graduate Medical Education (ACGME) Workshop
 - Audience: Neurosurgery Faculty Residents and Fellows
9. Invited Speaker at Neurosurgery Grand Rounds, Wayne State University, Detroit, MI
 - February 2013
 - Title: Accreditation Council for Graduate Medical Education (ACGME) Workshop
 - Audience: Neurosurgery Faculty Residents and Fellows
10. Invited Speaker at Neurosurgery Grand Rounds, Wayne State University, Detroit, MI
 - February 2013
 - Title: Sleep Deprivation and Fatigue in Residents and Fellows
 - Audience: Neurosurgery Faculty Residents and Fellows
11. Invited Speaker at Neurosurgery Grand Rounds, Wayne State University, Detroit, MI
 - February 2013
 - Title: Site Visit Workshop
 - Audience: Neurosurgery Faculty Residents and Fellows
12. Invited Speaker at Neurosurgery Grand Rounds, Wayne State University, Detroit, MI
 - February 2013
 - Title: Annual Program Review 2011-2012
 - Audience: Neurosurgery Faculty Residents and Fellows
13. Invited Speaker at Neurosurgery Grand Rounds, Wayne State University, Detroit, MI
 - January 2013
 - Title: Accreditation Council for Graduate Medical Education/ Next Accreditation System (ACGME/NAS) Update
 - Audience: Neurosurgery Faculty Residents and Fellows
14. Invited Speaker at Neurosurgery Grand Rounds, Wayne State University, Detroit, MI
 - August 2013
 - Title: Resident / Fellow Orientation
 - Audience: Neurosurgery Residents and Fellows
15. Invited Speaker at Neurosurgery Grand Rounds, Wayne State University, Detroit, MI
 - July 2012
 - Title: General Competencies for Neurosurgery Residents, Grand Rounds Presentation
 - Audience: Neurosurgery Faculty, Residents and Fellows
16. Invited Speaker at Neurosurgery Grand Rounds, Wayne State University, Detroit, MI
 - July 2011
 - Title: General Competencies for Neurosurgery Residents
 - Audience: Neurosurgery Faculty, Residents and Fellows
17. Invited Speaker at Neurosurgery Grand Rounds, Wayne State University, Detroit, MI
 - July 2010
 - Title: General Competencies for Neurosurgery Residents
 - Audience: Neurosurgery Faculty, Residents and Fellows
18. Invited Speaker at Neurosurgery Grand Rounds, Wayne State University, Detroit, MI
 - July 2009
 - Title: General Competencies for Neurosurgery Residents
 - Audience: Neurosurgery Faculty, Residents and Fellows
19. Invited Speaker at Neurosurgery Grand Rounds, Wayne State University, Detroit, MI
 - July 2008
 - Title: General Competencies for Neurosurgery Residents
 - Audience: Neurosurgery Faculty, Residents and Fellows

PRESENTATIONS (Continued)

Invited Grand Rounds (Continued)

20. Invited Speaker at Neurosurgery Grand Rounds, Wayne State University, Detroit, MI
 - July 2007
 - Title: General Competencies for Neurosurgery Residents
 - Audience: Neurosurgery Faculty, Residents and Fellows
21. Invited Speaker at Neurosurgery Grand Rounds, Wayne State University, Detroit, MI
 - July 2006
 - Title: General Competencies for Neurosurgery Residents
 - Audience: Neurosurgery Faculty, Residents and Fellows
22. Invited Speaker at Neurosurgery Grand Rounds, Wayne State University, Detroit, MI
 - July 2005
 - Title: General Competencies for Neurosurgery Residents
 - Audience: Neurosurgery Faculty, Residents and Fellows
23. Invited Speaker at Neuroscience Institute of Sante Fe, Department of Neurosurgery, Alachua General Hospital, Gainesville, Florida
 - 1989
 - Title: Assessment of the Cranial Nerves
 - Audience: Clinical Nurse Practitioners, Nursing Students
24. Invited Speaker at Neuroscience Institute of Sante Fe, Department of Neurosurgery, Alachua General Hospital, Gainesville, Florida
 - 1988
 - Title: The Neuro Exam
 - Audience: Clinical Nurse Practitioners, Nursing Students
25. Invited Speaker Neuroscience Institute of Santa Fe, Department of Neurosurgery, Alachua General Hospital, Gainesville, Florida
 - 1987.
 - Title: History and Physical for Neuro Patients
 - Audience: Clinical Nurse Practitioners, Nursing Students

Invited Judge

1. Invited Judge at QuESST (Quality Education and Safe Systems Training) Annual Research Day, April 20, 2016
2. Invited Judge at Medical Student Research Symposium, Wayne State University, January 14-15, 2016
3. Invited Judge at QuESST (Quality Education and Safe Systems Training) Annual Research Day, April 17, 2013
4. Invited Judge at QuESST (Quality Education and Safe Systems Training) Annual Research Day, April 16, 2014
5. Invited Judge at QuESST (Quality Education and Safe Systems Training) Annual Research Day, April 15 2014

Clinical Nursing Presentations, available upon request, 1975 – 1990