

Neurosurgery Expert Witness #9001

Publications and presentations available upon request. Contact Dora,
dmancias@expertwitnessdoctors.com.

BOARD CERTIFICATIONS

- Diplomat, American Board of Neurological Surgery ABNS (11/2015-Present)
- Fellow, American Association of Neurological Surgery FAANS (11/2015-Present)
- Fellow, American College of Surgeons FACS (10/2017-Present)

LICENSURE

Active:

California- 9/2006-Current, A97161
Maryland-10/2011-Current, D0073081
Maine- 08/2016-Current, TD161115
Virginia- 10/21/2016-01/31/2018, 0101261374
North Dakota- 2/2017-Current

Inactive:

New Mexico- 09/2011-07/2015, MD2011-0711

EDUCATION

Elementary Education:

- *Rose and Alex Pilibos Armenian Elementary School* (Los Angeles, CA)
-September 1985-June 1994 (10 years)

-Languages: English and Armenian

-Mentor: Principal Keshishian PhD

High School Education:

- *Providence High School* (Burbank, CA)
-September 1994-June 1998 (4 years)
-National Blue Ribbon School
-Media/Communications Program Video Production and Editing
-Advanced Placement Academic Scholar
-National Honor Society
-Spanish National Honor Society

-Mentor: Sister and Principal Lucille Dean

- **Brown University Summer Program** (Providence, RI)
 - Junior Year High School Summer Program
 - Neuroscience/Neuropharmacology
 - Calculus
- **Stanford University: Educational Program for Gifted Youth (EPGY)** (Los Angeles, CA)
 - Advanced Physics
 - Senior year high school

College Education:

- **University of California, Riverside** (Riverside, CA)
 - UCR/UCLA Biomedical 7-year Accelerated B.A./B.S./M.D. Program
 - Phi Beta Kappa National Honor Society
 - Golden Key National Honor Society
 - University Honors Program
 - Placement into Advanced Spanish
 - Mentor: Chancellor and Professor Raymond Orbach PhD
- **Emergency Medical Technician Licensure: EMT-B** (Riverside, CA)
 - 1998-1999 (1 year)
- **Harvard University Summer Program** (Boston, MA)
 - 6/1999-9/1999 (3 months)
 - Senior Year High School Summer Program
 - General Chemistry with Lab
 - Mentor: Professor James Davis PhD
- **Harvard University Summer Program** (Boston, MA)
 - 6/2000-9/2000 (3 months)
 - Organic Chemistry with Lab
 - Mentor: Professor Ault Addison PhD
- **Harvard University Summer Program** (Boston, MA)
 - 6/2002-9/2002 (3 months)
 - Audited Java and Karel++ Computer Programming

Medical School Education:

- **David Geffen School of Medicine at UCLA** (Los Angeles, CA)
 - 9/2001-6/2005 (4 years)
 - Mentor: Ulrich Batzdorf MD, Neil Martin MD, Dennis Malkasian MD
PhD

Surgical Education:

- ***Cedars-Sinai Medical Center:*** American Brain Tumor Association Fellowship
 -6/2002-12/2002 (6 months)
 -Mentor: Keith Black MD
 -Microsurgery: Rat Internal Carotid Artery and Femoral Artery/Vein Catheterization
 -Stereotactic Brain Tumor Implantation in Rats
- ***UCLA Medical Center Neurosurgery*** SubInternship (Los Angeles, CA)
 -7/04-8/04 (1 month)
 -Mentor: Ulrich Batzdorf MD, Neil Martin MD
- ***USC Medical Center Neurosurgery*** Sub-Internship (Los Angeles, CA)
 -8/04-9/04 (1 month)
 -Mentor: Steven Giannotta MD, Michael Apuzzo MD
- ***UCLA Medical Center:*** Fellowship in Cadaveric Skull Base Microsurgery and Surgical Anatomy (Los Angeles, CA)
 -Mentor: Dennis Malkasian MD, PhD and Donald Becker MD
 -6/2004-9/2006 (2 years)

TRAINING

Surgical Internship Training:

- ***UCLA Medical Center General Surgery Internship*** (Los Angeles, CA)
 -6/2005-6/2006 (1 year)

Neurosurgical Residency Training:

- ***University of New Mexico Medical Center*** Neurosurgical Residency (Albuquerque, NM)
 -6/2006-6/2012 (6 years)
 -Mentor: Howard Yonas MD (Chairman), David Sklar MD (Associate Dean GME)
- ***University of New Mexico Veterans Affairs(VA) Hospital:*** Neurosurgery Chief Resident (Albuquerque, NM)
 -1/2009-7/2009 (6 months)

- ***University of New Mexico Medical Center:*** Neurosurgery Chief Resident (Albuquerque, NM)
 - Leadership: Surgical and Administrative
 - 6/2011-6/2012 (1 year)

- ***University of New Mexico Medical Center:*** Enfolded Neurosurgical Interventional Radiology Fellowship (Albuquerque, NM)
 - Mentor: Christopher Taylor M.D.
 - 6/2008-1/2009 (6 months)

- ***University of New Mexico Medical Center Department of Orthopedic and Hand Surgery:*** Fellowship in Microsuture Advanced Training Laboratory(Albuquerque, NM)
 - 11/2010-5/2011(6 months)
 - Mentor: Moheb Moneim MD (Chairman Emeritus Orthopedic Surgery)
 - Training in Rat Femoral Artery Anastomotic Microsuture Techniques (Side-Side, End-Side, Backwall First, Frontwall First)

- ***University of New Mexico Medical Center Department of Orthopedic and Hand Surgery:*** Enfolded Fellowship in Peripheral Nerve Surgery(Albuquerque, NM)
 - 4/2011-5/2011 (1 month)
 - Mentor: Moheib Moneim MD (Chairman Emeritus Orthopedic Surgery)

Neurosurgical Instructorship/Fellowship:

- ***Hopkins University Medical Center Assistant Professor/Instructor and Fellow*** in Spine Surgery and Spinal Oncology (Baltimore, MD)
 - 2012-2013 (1 year)
 - Clinical and Research Instructorship and Fellowship
 - Mentor: Ziya Gokaslan MD, FACS (Vice-Chair Neurosurgery at Johns Hopkins)
 - Faculty Instructor Privileges

PROFESSIONAL EXPERIENCE

- ***Kaiser Permanente Medical Group- Neurosurgery Department*** (Los Angeles, CA)
 - 7/2013-8/2015
 - Attending Neurosurgeon
 - **Specialty:** Complex Spine, Spinal Oncology, Brain Tumors, Pituitary tumors, Cranial and Spinal Trauma, Adult and Pediatric, Minimally invasive spinal surgery, Endoscopic cranial surgery, Neuro-navigation

cranial and Spinal

-Fluoroscopy Supervisor and Operator Permit—CA (2013-Present)

-Mentor: Richard Williams MD

○ **Locums (CompHealth)**

● **Desert Spine and Neurosurgical Institute (Palm Springs, CA)**

-Locums Neurosurgeon

-04/18/16-08/31/16

-Covering Level 2/3 Trauma

-**Specialty**: Complex Spine, Spinal Oncology, Brain Tumors, Pituitary tumors, Cranial and Spinal Trauma, Adult and Pediatric, Minimally invasive spinal surgery, Endoscopic cranial surgery, Neuro-navigation cranial & Spinal

● **Peninsula Regional Medical Center (Salisbury, MD)**

-Locums Neurosurgeon

-9/2/16-9/14/16

-Covering Level 2/3 Trauma

-**Specialty**: Complex Spine, Spinal Oncology, Brain Tumors, Pituitary tumors, Cranial and Spinal Trauma, Adult and Pediatric, Minimally invasive spinal surgery, Endoscopic cranial surgery, Neuro-navigation cranial and spinal

● **Eastern Maine Medical Center (Bangor, ME)**

-Locums Neurosurgeon

-10/3/16-10/17/16, 10/30/16-11/14/16, 11/28/16-2/13/17

-Covering Level 2/3 Trauma

-**Specialty**: Complex Spine, Spinal Oncology, Brain Tumors, Pituitary tumors, Cranial and Spinal Trauma, Adult and Pediatric, Minimally invasive spinal surgery, Endoscopic cranial surgery, Neuro-navigation cranial & spinal

● **Mercy Medical Center (Redding, CA)**

-Locums Neurosurgeon

-11/15/16-11/28/16

-Covering Level 2/3 Trauma

-**Specialty**: Complex Spine, Spinal Oncology, Brain Tumors, Pituitary tumors, Cranial and Spinal Trauma, Adult and Pediatric, Minimally invasive spinal surgery, Endoscopic cranial surgery, Neuro-navigation cranial and spinal

○ **University of California at Riverside (Riverside, CA)**

-2/16/2017-Present

- Assistant Professor III of Neurosurgery
- **Specialty:** Complex Spine, Spinal Oncology, Brain Tumors, Pituitary tumors, Cranial and Spinal Trauma, Adult and Pediatric, Minimally invasive spinal surgery, Endoscopic cranial surgery, Neuro-navigation cranial and Spinal
- Mentor: Jerry Maguire MD (Chair of Neurosciences, DIO UCR)
- Active Staff, Riverside Community Hospital-8/10/2017
- Faculty Neurology UC Riverside 8/2017-Present

LANGUAGE & COMPUTER SKILLS

Language Skills:

- Fluent in reading, writing, and speaking **English, Armenian, Spanish**

Computer Skills:

- Familiar with the following hospital software: Epic, Meditech, Powerchart, PACS

ACADEMIC HONORS

- Providence High School Advanced Placement Exam Scholar- 6/1998
- Diamond Homer Award in Poetry-1997
- Providence High School Media and Communications Program Award- 6/1998
- Elected High School National Honor Society, Iota Chapter-6/1998-Lifetime Member
- Elected High School Spanish National Honor Society-6/1998-Lifetime Member
- California Scholarship Federation Award-6/1998
- Elected into Who's Who of American High School Students Top 5 %-6/1998
- California Medical Association Award-6/1998
- American Medical Association Award-6/1998
- Membership and Award for Participation in International Key Club-6/1998
- Providence High School Math Olympiad Team-6/1998
- Providence High School Honors Distinction at Graduation- 6/1998
- Placement into Advanced Spanish- 9/1998
- Accepted into Competitive Stanford University Educational Program for Gifted Youth (EPGY)-1997-1998
- Accepted into Thomas Haider B.S/ B.A/ M.D 7-year Accelerated Medical Program-Selected 24 of 300 applicants into UCLA Medical School-1998-2005
- Magna Cum Laude (3.844 GPA)-1998-2001

- Undergraduate Double Major in 3 Years-1998-2001
- Undergraduate Major: Biomedical Sciences with Honors (B.S.)-1998-2001
- Undergraduate Major: Behavioral Psychology with Honors (B.A.)-1998-2001
- Upper Division Honors: Graduate Thesis Project and Conference Presentation at University: *Apoptosis of Endothelial cells of Blood vessels secondary to cigarette smoke compound Benzo-[A]-Pyrene*- 1998-2001
- Honors Upper Division Award for Thesis Project Completion and Scientific Conference Peer Presentation-2001
- University of California Riverside Lower Division Honors Program Award-2001
- Top 5% Nominated into University of California Riverside Honors Program- 1998-2001
- Elected into Gamma Beta Phi National Honor Society-2000-Lifetime membership
- Chancellors Honors List-Top 1% University Academics- 1999-2001
- Elected into Phi Beta Kappa National Honor Society- 2000-Lifetime membership
- One of Three Students Nominated by Honor Program to be Study Group Leader and Mentor in Fast-Start Program for Underprivileged Students looking to enter Medical Profession-2001
- Recognized by Chancellor and Board of Trustees of UC Riverside for Excellence in Fast-Start Program Leadership, Mentoring, and Teaching- 2001
- Accepted into *The National Dean's List* -Top half of 1% of nation's college students selected-1999-2000
- University of California Riverside Deans List-1999-2001
- Elected into Golden Key National Honor Society-2000-Lifetime Membership
- United States Medical Licensing Exam Step 1: Pass (6/2003)
- United States Medical Licensing Exam Step 2 CK: Pass (6/2005)
- United States Medical Licensing Exam Step 2 CS: Pass (4/2005)
- United States Medical Licensing Exam Step 3: Pass (12/2005)
- Awarded Neurosurgery Research Fellowship from the American Brain Tumor Association – 2002-2003
- Selected as Member in Health Careers Organization Top 10% academically-1999-2002
- American Board Neurological Surgery Written Exam: Pass (2010)
- Resident Award from University of New Mexico Medical Center for Teaching Excellence in Residents as Educators Program-6/2009
- Resident Award from University of New Mexico Medical Center for Participation in Patient Safety task Force-3/2009
- Resident Award from State of New Mexico for Participation in Cultural Competency Summit-7/2009
- Resident Award from Dean Graduate Medical Education and DIO for Preparation, Leadership, and Successful Representation of Resident Body at University of New Mexico ACGME Site Visit-8/2009
- Joan Gibson Health Care Biomedical Ethics Certificate Program and Ethics Award, University of New Mexico Medical Center-9/2009-11/2010
- Selected Resident Acknowledgement of Excellence for Contribution toward Improvement of Neurosurgery Residency Program, University of New Mexico Medical Center, Brad Day—9/18/2009
- Resident Award from Dean at University of New Mexico Medical Center Graduate Medical Education for Being One of 20 Residents Involved in Successful Accreditation of Medical Center for the Maximum amount of a Full Four Years-10/2009
- Selected by Dr. Gary Steinberg (Professor and Chairman Neurosurgery at Stanford) as

- First Prize Neuroscience Resident Award for Research and Presentation, Neuroscience Research Symposium, Albuquerque, New Mexico, 6/10/2010
- First Resident Honored with Plaque for Being Selected by Dr. Gary Steinberg of Stanford as First Prize at Neuroscience Research Day-6/10/2010
 - Resident Award for Excellence in Teaching and Mentoring Year 1 Medical Students in Public Health Course at University of New Mexico School of Medicine-7/2011
 - Resident Award for Participation as Judge in American Medical Association Resident and Fellow Section Research Symposium-2010
 - 1 of 5 resident research topics selected for Oral Presentation at Patient Safety Quality Initiatives Meeting for the American Association of Medical Colleges-6/2011
 - Dean's Award for Most Outstanding Resident at University of New Mexico Medical Center-2010-2011 (Biggest Award given to a Resident)
 - Only Resident Nominated to be Topic of Article "Resident Passion in Medicine" in University Journal *UNMed* on Accomplishments for Leadership skills and Academic Excellence at University of New Mexico Medical Center-6/2011
 - Honored at University of New Mexico Annual Patient Safety and Quality Committee for Entire Residency of Leadership Service in Graduate Medical Education-2011-2012
 - Third Place Resident/Fellow Research Oral Presentation Award at 47th Annual Rocky Mountain Neurosurgery Society Meeting-6/2012
 - Ethics Award for years of service on Biomedical Ethics Consult service at University of New Mexico Medical Center-2011-2012
 - Scientific Book Collaboration with Knowmedge ABIM Company—2014-Present
 - Service Award from City of Los Angeles and Mayor Los Angeles Eric Garcetti for Service to LA City-8/2014
 - Selected as "Most admirable person" for high school student project, Bravo Medical Magnet High School-9/2014
 - Selected as Guest interviewee for High School Project for Most influential Person—11/2014
 - Selected as Guest Speaker for Providence High School Career Day-11/2014
 - Patient's Choice Award-1/2014
 - Completion of Cyberknife Radiosurgery Cranial and Spinal Course-8/1/2017
 - Selected Nationwide for Top Doctor Award- 2015
 - Selected Nationwide for Top Doctor Award- 2016
 - Selected Nationwide for Top Doctor Award- 2017

PEER-REVIEW JOURNAL REVIEWER

- 1) *Journal of Neurosurgery-Spine*, Ad hoc reviewer 2012-Present
- 2) *Annals of Surgical Oncology*, Ad Hoc Reviewer, 2012-Present
- 3) *Spine*, Ad hoc reviewer 2012-Present
- 4) *Neurosurgery*, Ad hoc reviewer, 2012-Present
- 5) *World Neurosurgery*, Reviewer, 2012-Present

- 6) *European Spine Journal*, Ad Hoc Reviewer, 2012-Present
- 7) *BMC Musculoskeletal disorders*, Reviewer, 2012- Present
- 8) *Journal of NeuroOncology*, Ad Hoc Reviewer, 2012-Present
- 9) *JSM Neurosurgery and Spine*, 2013-Present
- 10) *Journal of Spinal Disorders and Techniques*, Ad Hoc Reviewer, 2013-Present
- 11) *The Permanente Journal*, 2014-Present
- 12) *Journal of Anesthesiology and Clinical Science*, 2014-Present
- 13) *Global Spine Journal*, 2014-Present
- 14) *Austin Journal of Neurosurgery*, 2014-Present
- 15) *Austin Journal of Cerebrovascular Disease and Stroke*, 2014-Present
- 16) *Journal of Scientific Research and Reports*, 2014- Present
- 17) *British Journal of Economics, Management, and Trade*, 2014-Present
- 18) *Open Journal of Modern Neurosurgery*, 2013-Present
- 19) *British Journal of Medicine and Medical Research*, 2014-Present
- 20) *Advances in Research*, 2014-Present
- 21) *Neuroimmunology and Neuroinflammation*, 2013-Present
- 22) *Asian Journal of Agriculture extension, economics, and sociology*, 2014-Present
- 23) *Hindawi Journals*, 2014-Present
- 24) *Annals of vascular medicine and research*, 2014-Present
- 25) *Spine Research*, 2015-Present
- 26) *Trauma Cases and Reviews*, 2015-Present
- 27) *Austin Tuberculosis: Research and Treatment*, 2015-Present
- 28) *International Neuropsychiatric Disease Journal*, 2015-Present
- 29) *International Journal of Neurological Disorders and Interventions*, 2015-Present
- 30) *Annals of Clinical Pathology*, 2015-Present
- 31) *Case Studies in Surgery*, 2015-Present
- 32) *Medical OA Journal*, 2015-Present
- 33) *Ophthalmology Research: An International Journal*, 2016-Present
- 34) *Journal of Neurosurgery and Spine*, 2016-Present
- 35) *The Spine Journal*, 2017-Present
- 36) *ImedPub Journal*, 2017-Present
- 37) *World Congress of Neurosurgery*, Ad Hoc Reviewer, 2017-Present
- 38) *Medical Science Monitor*, 2017-Present
- 39) *Global Scientific Research Journal*, 2017-Present
- 40) *OMICS Publishing Journals*, 2017-Present
- 41) *ARC Journal of Neuroscience*, 2017-Present
- 42) *BMJ Case Reports*, 2017-Present
- 43) *Journal of Case Reports in Medical Science*, 2017-Present
- 44) *International Journal of Medical and Pharmaceutical Case Reports*, 2017-Present
- 45) *Palliative Care*, 2017-Present
- 46) *Archives of Current Research International*, 2016-Present
- 47) *Scientific Research Publishing*, 2017-Present
- 48) *Research Advances in Brain Disorders and Therapy*, 2017-Present
- 49) *SOJ Neurology*, 2017-Present
- 50) *Journal of Tuberculosis*, 2018-Present
- 51) *Open Hematology Journal*, 2018- Present
- 52) *Annals of Epilepsy and Seizures*, 2018-Present

JOURNAL EDITORIAL BOARD

- 1) *JSM Neurosurgery and Spine*, 2013-Present
- 2) *Neuroimmunology and Neuroinflammation*, 2014-Present
- 3) *Austin Journal of Cerebrovascular Disease and Stroke*, 2014-Present
- 4) *Spine Research*, 2015-Present
- 5) *Austin Tuberculosis: Research and Treatment*, 2015-Present
- 6) *International Journal of Neurological Disorders and Interventions*, 2015-Present
- 7) *Case Studies in Surgery*, 2015-Present
- 8) *Medical OA Journal*, 2015-Present
- 9) *Research and Review Insights*, 2017-Present
- 10) *Scientific Pages of Orthopedic Surgery*, 2017-Present
- 11) *Case Reports Journal*, 2017-Present
- 12) *Surgical Case Reports*, 2017-Present
- 13) *Clinical Orthopedics and Traumatology*, 2017-Present
- 14) *Journal of Hematology and Serology*, 2017-Present
- 15) *Journal of Research in Addiction*, 2017-Present
- 16) *Sci TZ Neurosurgery and Spine*, 2016-Present
- 17) *Clinics in Surgery: Emergency Surgery*, 2017-Present
- 18) *Remedy Open Access: Clinical Surgery*, 2017-Present
- 19) *SM: Musculoskeletal Disorders*, 2017-Present
- 20) *The Scientific Pages of Orthopedics and Rheumatism*, 2017-Present
- 21) *Surgery: Open Access*, 2017-Present
- 22) *American Research Journal*, 2017-Present
- 23) *EC Cardiology Journal*, 2017-Present
- 24) *Journal of Clinical Neurology and Neurosurgery*, 2017-Present
- 25) *Archives in Vascular Medicine*-2017-Present
- 26) *American Research Journal of Neurology*-2017-Present
- 27) *Elyns Journal of Surgery*-2017-Present
- 28) *Archives of Palliative Care and Medicine*- 2017-Present
- 29) *Open Hematology Journal*- 2017- Present
- 30) *Journal of Aging and Age-Related Disease*- 2017-Present
- 31) *SPG Journal of Surgery*- 2017-Present
- 32) *International Journal of Brain Disorders and Therapy*, 2017-Present
- 33) *Trends in Medicine and Therapeutics*, 2017-Present
- 34) *American College of Spine Surgery*, 2017-Present
- 35) *International Journal of Studies in Nursing*, 2017-Present
- 36) *Advanced Emergency Medicine*, 2017-Present
- 37) *Journal of Orthopedics and Muscular System*, 2017-Present
- 38) *Neurological Surgery-Clinics in Surgery*, 2017-Present
- 39) *Global Scientific Research Journal of Neurology*, 2017-Present
- 40) *Asian Oncology Research Journal*. 2017-Present
- 41) *SOJ Neurology*-2017-Present

- 42) *Research Advances in Brain Disorders and Therapy*, 2017-Present
- 43) *Journal of Spine*, 2017-Present
- 44) *ImedPub Journal-Spine Research*, 2017-Present
- 45) *UPI Journal of Pharmaceutical, Medical and Health Sciences*, 2017-Present
- 46) *Annals of Clinical Virology*, 2018-Present
- 47) *Journal of Tuberculosis*, 2018-Present
- 48) *Current Physical Medicine and Rehabilitation Reports*, 2018-Present
- 49) *Global Journal of Emergency Medicine*, 2018-Present
- 50) *UPI Scientific Publishing Committee*, 2018-Present
- 51) *Neurology: Current Research*, 2018-Present
- 52) *Neurosurgery: Surgery Clinics Journal*, 2018-Present
- 53) *Neurological Surgery Case Reports*, 2018-Present
- 54) *Annals of Clinical Images*, 2018-Present
- 55) *Neurology and Neurotechnology*, 2018-Present
- 56) *Annals of Clinical Case Studies-Neurological Surgery*, 2018-Present
- 57) *Archives of Emergency Medicine and Intensive Care*, 2018-Present
- 58) *Translational Surgery*, 2018-Present
- 59) *Current Antiplatelet Therapy*, 2018-Present
- 60) *Neurology - Annals of Medicine and Medical Research*, 2018-Present

GRANTS

- 1) Zimmer Educational Grant for Cadaveric Anatomic Dissection and Instrumentation Courses at University of New Mexico Medical Center, 2,000 \$- 2011-2012 FUNDED
- 2) Zimmer Educational Grant #2 for Cadaveric Anatomic Dissection and Instrumentation Courses at University of New Mexico Medical Center, 2,000 \$- 2011-2012 FUNDED
- 3) Stryker Educational Grant for Cadaveric Anatomic Dissection and Instrumentation Courses at University of New Mexico Medical Center-2011-2012, \$2,500 FUNDED
- 4) Stryker Educational Grant for Cadaveric Anatomic Dissection and Instrumentation Courses at University of New Mexico Medical Center-2011-2012, \$1,500 FUNDED
- 5) Nuvasive Educational Grant for Cadaveric Anatomic Dissection and Instrumentation Courses at University of New Mexico Medical Center-2011-2012, \$2000 FUNDED
- 6) Lanx Spineology Educational Grant for Cadaveric Anatomic Dissection and Instrumentation Courses at University of New Mexico Medical Center-2011-2012, \$1500 FUNDED
- 7) Lanx Spineology Educational Grant for Cadaveric Anatomic Dissection and Instrumentation Courses at University of New Mexico Medical Center-2011-2012, \$1500 FUNDED
- 8) Advanced Medical/K2M Educational Grant for Cadaveric Anatomic Dissection and Instrumentation Courses at University of New Mexico Medical Center-2011-2012, \$1500 FUNDED
- 9) Medtronic Educational Grant for Cadaveric Anatomic Dissection and Instrumentation Courses at University of New Mexico Medical Center-2011-2012, \$1500 FUNDED
- 10) Zimmer Educational Grant for Cadaveric Anatomic Dissection and Instrumentation Courses at University of New Mexico Medical Center, 2,000 \$- 2011-2012 FUNDED

- 11) **Co-Investigator:** Hoag Foundation Sports Concussion Project, a pilot study identifying genetic and inflammatory biomarkers predictive of outcome following concussion in young athletes- 2017-Present (PI David Franklin PhD)
- 12) **Co-Investigator:** Healthy Campus Initiative Grant at UC Riverside-2017-Present (PI: Asra Irfan)

NEWSLETTERS/JOURNALS

Newsletter Publications:

- *Surgical Care Improvement Project Newsletter*, Volume 1, Issue 1, 3/30/2011
- *Surgical Care Improvement Project Newsletter*, Volume 1, Issue 2, 6/2011
- *Surgical Care Improvement Project Newsletter*, Volume 1, Issue 3, 9/2011
- *Surgical Care Improvement Project Newsletter*, Volume 1, Issue 4, 12/2011
- *Surgical Care Improvement Project Newsletter*, Volume 2, Issue 1, 3/15/2012
- *Surgical Care Improvement Project Newsletter*, Volume 2, Issue 2, 6/2012

Publication Founder and Editor:

- *Surgical Care Improvement Project Newsletter-2010-2012*
- *New Mexico Resident Quality Improvement and Ethics Journal-2011-2013*

EDUCATIONAL/TEACHING COURSES DIRECTED

- 1) Director Cadaver Course Occipital-Cervical Spine Anatomy and Instrumentation at University of New Mexico Medical Center-2011-2012
- 2) Director Cadaver Course Thoracic Spine Anatomy and Instrumentation at University of New Mexico Medical Center-2011-2012
- 3) Director Cadaver Course Lumbar/Sacral Spine Anatomy and Instrumentation Part 1 at University of New Mexico Medical Center-2011-2012
- 4) Director Cadaver Course Lumbar/Sacral Spine Anatomy and Instrumentation Part 2 at University of New Mexico Medical Center-2011-2012
- 5) Director Cadaver Course Skull Base Anatomy and Endoscopic Approaches at University of New Mexico Medical Center-2011-2012
- 6) Chief Resident Educational Inservices at University of New Mexico Medical Center-2010-2011
- 7) Chief Resident Educational Inservices at University of New Mexico Medical Center-2011-2012
- 8) Organized Chief Resident Coding and Dictation Educational Inservice at University of New Mexico Medical Center Neurosurgery Department-2011-2012

Selected Leadership Positions:

- 1) Providence High School National Honor Society-1998-Lifelong member
- 2) Providence High School Spanish National Honor Society-1998-Lifelong member
- 3) Leader in Armenian Bone Marrow Donor Registry Development- 2000-2011
- 4) Elected Member Executive Committee at University of California Riverside Honors Program- 2000-2001
- 5) Sergeant-at-Arms for Congress of Neurological Surgeons Meeting- 2008
- 6) University of New Mexico Resident Council- 2006-2012
- 7) Elected Chair of University of New Mexico Resident Council-2008-2012
- 8) Elected Member of University of New Mexico Graduate Medical Education Executive Committee- 2008-2012
- 9) Elected University of New Mexico Medical Executive Committee Member- 2008-2012
- 10) Phase 1 University of New Mexico School of Medicine Neuroscience Block Problem Based Learning/Tutorial Leader-2009-2011
- 11) Cultural Competency Curriculum Task Force and Steering Committee Member at University of New Mexico School of Medicine-2009-2011
- 12) Resident Representative of University of New Mexico Biomedical Ethics Committee-2009-2012
- 13) Operating Room Steering Committee at University of New Mexico Medical Center-2009-2010
- 14) American Heart Association Stroke Council Affiliate-2010-2011
- 15) American Heart Association Quality of Care and Outcomes Council Affiliate-2010-2011
- 16) Selected as Only resident member of Duty Hour Task Force, University of New Mexico Medical Center, 2009-2011
- 17) Selected Nationwide as one of ten residents on the American Medical Association Resident and Fellow Committee on Scientific Research-2010-2011
- 18) Scientific Research Poster Reviewer for the American Medical Association Resident and Fellow Meeting in San Diego, California-11/5/2010-11/7/2010
- 19) Scientific Research Abstract Reviewer for the American Medical Association Resident and Fellow Meeting in San Diego, California-11/5/2010-11/7/2010
- 20) Selected as Co-Mentor with Dean of University of New Mexico for Year 1 and Phase 1 University of New Mexico School of Medicine Students from Public Health Course-2010-2012
- 21) Appointed by Dean Emeritus of Graduate Medical Education to Search Committee for Director of Professionalism at University of New Mexico Medical Center-2010-2011
- 22) Elected Nationally as the Sole Resident Representative of the Surgical Caucus Executive Committee-2011-2013 (elected to 2 terms)
- 23) Nominated as Resident/Fellow Member of the American Medical Association Planning Committee-2012-2013
- 24) AANS/CNS Joint Section on the Disorders of the Spine and Peripheral Nerves—2014-Present
- 25) Associate Fellow American College of Surgeons—2016-Present
- 26) UC Riverside Medical School interview Committee-2013-Present
- 27) California Association of Neurological Surgeons-2017-Present
- 28) Surgical Quality Review Committee Riverside Community Hospital Ad Hoc Member-2017-Present
- 29) Trauma Peer Review Committee Riverside Community Hospital- 2017-Present

- 30) Neuroscience Planning Committee at Riverside Community Hospital-2017-Present
- 31) Neurosurgery/Pain Management Strategy Planning Committee-2017-Present
- 32) Neuroscience Planning Committee at University of California Riverside Health-2017-Present
- 33) Neurology Residency Program Interview Committee at University of California Riverside Health-2017-Present
- 34) California Association of Neurological Surgeons Member-4/2017-Present
- 35) Neurosurgery Trauma Collaborative Initiative Committee at RCH-2017-Present
- 36) Health Coach Program Interview Committee at UCR- 5/2017
- 37) Early Assurance Program Interview Committee UCR SOM-5/2017
- 38) Associate Fellow of the American College of Surgeons -2015-2017
- 39) Mock Interviewer for UCR School of Medicine- 2017-Present
- 40) UCLA Medical School Faculty for Doctoring 2 Course- 2017-Present
- 41) Physicians Advisory Council Reviewer- 2017-Present
- 42) AANS/CNS Section on Disorders of the Spine and Peripheral Nerves- 2017-2018
- 43) Fellow of the American College of Surgeons- 7/2017-Present
- 44) Faculty General Surgery Residency at Riverside Community Hospital-2017-Present
- 45) Ethics Committee at Riverside Community Hospital-2017-Present
- 46) Consultant for Trauma Case Reviews for HCA Trauma Cases-2017-Present
- 47) University of California Riverside School of Medicine Admissions Committee Member-2017-Present
- 48) Stereotactic Radiosurgery and Cyberknife Course for Cranial and Spinal Pathology 7/31/2017
- 49) Active Staff Riverside Community Hospital- 8/10/2017
- 50) Member First RCH Trauma Journal Club and First Presenter- 2017-Present
- 51) Continuing Medical Education Committee at Riverside Community Hospital- 2018-Present

TEACHING

- 1) UCR SOM PBL Year 1 Students-2016-Present
- 2) UCR SOM PBL Year 2 Students-2016-Present
- 3) UCLA Doctoring 2 Faculty-2016-Present
- 4) Research Student June-July 2017 Antony Awad (SOM 2nd year)
- 5) Research Student March-May 2017 Jacob Van Orman (SOM 4th year)
- 6) Dina Elias RN, Doctoral Student, Research (4/2017-Present)
- 7) Christ Ordookhanian BS (UCR undergrad and UCR SOM accepted), Research (4/2017-Present)
- 8) Duraan Olomi, UCR undergraduate, Research (6/2017-Present)
- 9) Asra Ifran, UCR Undergraduate, Research and clinic (6/2017-Present)
- 10) Health Coaching Selection Team UCR SOM-2017-Present
- 11) Clinical Skills II Teaching UCR School of Medicine Neuro exam and Neuro Rounds-3/2018
- 12) Faculty Mentor Asra Ifran UCR Honors Program Undergraduate Student, 2017, Project Mental Health Awareness