

Lynda J-S Yang, MD, PhD
Clinical Professor

Department of Neurosurgery
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Phone: Available upon request
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Education and Training

Education

08/1984-05/1988 BS, Texas A&M University, College Station, TX
09/1988-05/1997 MD, PhD, Medicine Md Degree, The Johns Hopkins University School of Medicine, Baltimore, MD

PostDoctoral Training

07/1997-06/1998 Internship, General Surgery, University of Michigan, Ann Arbor, MI
07/1998-06/2004 Residency, Neurosurgery (Dr. Julian T Hoff, Chairman), University of Michigan, Ann Arbor, MI
02/2002-12/2002 Fellowship, Peripheral Nerve Surgery, The Peripheral Nerve Injury and Children's Hand Injury Unit (Mr. Rolfe Birch, Professor, and Mr. Thomas Carlstedt), The Royal National Orthopedic Hospital Trust, Stanmore, Middlesex, United Kingdom
07/2003-06/2004 Chief Resident, Chief Resident in Neurosurgery, University of Michigan, Ann Arbor, Michigan
04/2005 Clinical Training, Neonatal Brachial Plexus Palsy (Dr. Martijn Malessy), Leiden University Medical Center, Leiden, Netherlands
04/2005 Clinical Training, Neonatal Brachial Plexus Palsy (Dr. Willem van Ouwkerk, MD), Vreiste University, Amsterdam, Netherlands
05/2005-06/2005 Clinical Training, Peripheral Nerve Surgery (Dr. David Kline), Louisiana State University, New Orleans, LA

Additional Education

08/2004-03/2005 Laboratory Research, Nerve Regeneration, (Dr. Ronald Schnaar) The Johns Hopkins University School of Medicine, Baltimore, MD

Certification And Licensure

Certification

01/1999-present National Board of Medical Examiners #40709115
11/2008-12/2018 American Board of Neurological Surgery - Neurosurgery #28080

Licensure

09/2001-01/2020 State of Michigan, Controlled Substance
09/2001-01/2020 State of Michigan, Medical License
07/2004-05/2019 State of Michigan, DEA Registration

Academic, Administrative, Clinical and Military Appointments

Academic Appointments

07/2003-06/2004 House Officer in Neurosurgery, University of Michigan Health System, Ann Arbor, Michigan
07/2004-06/2005 Lecturer in Neurosurgery, University of Michigan, Ann Arbor
07/2005-02/2009 Assistant Professor in Neurosurgery, University of Michigan, Ann Arbor, MI
03/2009-08/2011 Clinical Assistant Professor in Neurosurgery, University of Michigan, Ann Arbor, Michigan
09/2011-08/2016 Clinical Associate Professor in Neurosurgery, University of Michigan, Ann Arbor, Michigan
09/2016-present Clinical Professor in Neurosurgery, University of Michigan, Ann Arbor, Michigan

Clinical Interests

- Disorders of the Brachial Plexus / Surgical Treatment
- Disorders of the Peripheral Nervous System / Surgical Treatment

Research Interests

- Outcomes of Brachial Plexus Disorders
- Outcomes of Peripheral Nerve Disorders
- Quality of Life of Patients with Brachial Plexus and Peripheral Nerve Disorders
- Basic Mechanisms of Nerve Regeneration
- Effect of Peripheral Nervous System Disorders on the Central Nervous System
- Patient Reported Outcomes in Spine and Peripheral Nerve

Grants

Submitted Grants

In vivo studies of a novel, wireless intracranial pressure microsensor NIH-DHHS-US- 17-PAF08427
Co-I with Effort (Principal Investigator: Chronis, Nikolaos)
04/2018-03/2020. \$399,094

Examining Common Data Elements For Pediatric Upper Limb Disability PCORI / NIH
Co-I (Principal Investigator: Jennifer Waljee)
10/2014-09/2016

Past Grants

Assessment of Self-Generated Arm Use Following Surgical Intervention for Brachial Plexus Injuries BCBSF- 16-PAF00278
Brown, Susan H;Yang, Lynda Jun-San, PI
08/2016-07/2017. \$74,565

High-Frequency Nerve Block for Post Amputation Pain: A Pivotal Study Neuros Medical, Inc.- 14-PAF06833
Co-I without Effort (Principal Investigator: Brummett, Chad Michael)
09/2014-09/2016. \$582,694 (\$291,348)

Do patients with neonatal brachial plexus palsy affecting the right arm have a higher prevalence of speech/language delay than those with NBPP affecting the left arm at ages 24 to 36 months? (Faculty Mentor) Michigan Institute for Clinical & Health Research (PORT)
Other (Principal Investigator: Popadich, Miriana)
02/2012-01/2014. \$10,000

Effects of early rehabilitation inclusive of full passive range of motion on shoulder stability in children with neonatal brachial plexus palsy (Faculty Mentor) Michigan Institute for Clinical & Health Research (PORT)
Other (Principal Investigator: Justice, Denise)
06/2011-05/2013. \$10,000

Measuring quality of life in neonatal brachial plexus palsy: a qualitative and quantitative study Michigan Institute for Clinical & Health Research
Yang, Lynda, PI
05/2011-05/2012. \$10,000

5 R21 NS062313-02: A MEMS Intracranial Pressure Device for Monitoring Brain Injuries and Disorders NIH-DHHS-US- 09-PAF01011
Co-I with Effort (Principal Investigator: Chronis, Nikolaos)
09/2009-08/2011. \$382,743

Brain Pressure Sensor - Wireless University of Michigan Medical Innovation Center Grant
Sylvester, Dennis, Co-PI
09/2009-08/2011. \$10,000

An outcome study of surgical treatment for ulnar neuropathy at the elbow Michigan Institute for Clinical & Health Research
Yang, Lynda, PI
09/2009-08/2010. \$25,000

Brachial plexus DVD Patient Education Advisory Committee, University of Michigan Health System
Yang, Lynda, PI
01/2007-12/2007. \$10,000

Creation of DVD for home exercise program for neonatal brachial plexus palsy Carl's Foundation
Yang, Lynda, PI
01/2007-12/2007. \$20,000

Honors and Awards

National

1984	National Merit Scholarship
2001	Dandy Clinical Fellowship Award, American Association of Neurological Surgeons (AANS)
2008	Fred P Sage Multimedia Award, American Association of Cerebral Palsy and Developmental Medicine (AAPDM) Annual Meeting
2013	Best Poster Award, American Association of Cerebral Palsy and Developmental Medicine (AAPDM) Annual Meeting

Institutional

1984-1986	AE Martell-IUCCP Award, Dept. of Chemistry, Texas A&M University, College Station, TX
1984-1988	President's Endowed Scholarship, Texas A&M University, College Station, TX
1987-1988	JB Beckham Award, College of Science, Texas A&M University, College Station, TX
1988-1990	Pfeiffer Award, Dept of Pharmacology and Molecular Sciences, The Johns Hopkins University School of Medicine, Baltimore, MD
1988	Summa cum laude, Texas A&M University, College Station, TX
1990-1997	Medical Scientist Training Program (MSTP), Department of Health and Human Services (NIH Training Grant 2 T32 GM 7309-21), The Johns Hopkins University School of Medicine, Baltimore, MD
1997	Phi Beta Kappa, The Johns Hopkins University School of Medicine, Baltimore, MD
1999	Bronze Beeper Resident Award for Medical Student Teaching, Galens Society, University of Michigan, Ann Arbor, MI
2003	Token of Appreciation from Medical Students (TAMS) Award, University of Michigan Medical School, Ann Arbor, MI
2009	Clinical Program of the Year (Director), University of Michigan Health System, Ann Arbor, MI
2009	Clinician Teaching Award - Department of Physical Medicine and Rehabilitation, University of Michigan, Ann Arbor, MI
2013	Clinician Teaching Award - Department of Physical Medicine and Rehabilitation, University of Michigan, Ann Arbor, MI
2014	Best Poster (Faculty/Staff) - 2014 MICHOR OPIS Symposium, University of Michigan, Ann Arbor, MI

Memberships in Professional Societies

1998-present	Member, Congress of Neurological Surgeons (CNS)
2000-present	Member, Disorders of the Spine and Peripheral Nerves

2008-present	Member, American Association of Neurological Surgeons (AANS)
2011-present	Member, American Society for Peripheral Nerve
2013-present	Member, Sunderland Society for Peripheral Nerve
2014-2015	Member, American College of Surgeons

Editorial Positions, Boards, and Peer-Review Service

Study Sections

National

2007-2011	Member of the Board of Directors, Sparton Corporation (NYSE:SPA)
2010-2015	Consultant, Neurological Devices Advisory Committee, other Panels of the Medical Devices Advisory Committee and the Center for Devices and Radiological Health (CDRH), Food and Drug Administration (FDA), Silver Spring, MD
2011-2013	American College of Obstetrics and Gynecology Task Force on Neonatal Brachial Plexus Palsy (Ad Hoc)
2013-2015	Chairperson, Neurological Devices Advisory Panel, Center for Devices and Radiological Health (CDRH), Food and Drug Administration (FDA), Silver Spring, MD
2016-2020	Consultant, Orthopedic Devices Advisory Committee, other Panels of the Medical Devices Advisory Committee and the Center for Devices and Radiological Health (CDRH), Food and Drug Administration (FDA), Silver Spring, MD

Editorial Boards

2004-2014	Assistant Editor, Peripheral Nerve, Self-assessment in Neurological Surgery (SANS), Congress of Neurological Surgeons (CNS) - Assistant Editor (Peripheral Nerve)
2014-present	Peripheral Nerve, Neurosurgery Journal - Associate Editor (Peripheral Nerve)

Journal Reviewer

2009-present	Neurosurgery Journal
2010-present	Journal of Neurosurgery
2012-present	Developmental Medicine and Child Neurology

Teaching

Resident/House Officer

02/2009-03/2009	Beejal Amin, MD, Henry Ford Neurosurgery Resident (J Rock, MD, Program Director), Neurosurgery Resident Peripheral Nerve Rotation with Yang, LJ-S, MD, PhD in the Department of Neurosurgery, University of Michigan, Ann Arbor, MI
04/2009-06/2009	Sandeep Bhangoo, MD, Henry Ford Neurosurgery Resident (J Rock, MD, Program Director), Neurosurgery Resident Peripheral Nerve Rotation with Yang, LJ-S, MD, PhD in the Department of Neurosurgery, University of Michigan, Ann Arbor, MI
01/2010-03/2010	Sanjay Patra, MD, Henry Ford Neurosurgery Resident (J Rock, MD, Program Director), Neurosurgery Resident Peripheral Nerve Rotation with Yang, LJ-S, MD, PhD in the Department of Neurosurgery, University of Michigan, Ann Arbor, MI
04/2010-06/2010	Carlos Casas, MD, Henry Ford Neurosurgery Resident (J Rock, MD, Program Director), Neurosurgery Resident Peripheral Nerve Rotation with Yang, LJ-S, MD, PhD in the Department of Neurosurgery, University of Michigan, Ann Arbor, MI
07/2010-09/2010	Victor Chang, MD, Henry Ford Neurosurgery Resident (J Rock, MD, Program Director), Neurosurgery Resident Peripheral Nerve Rotation with Yang, LJ-S, MD, PhD in the Department of Neurosurgery, University of Michigan, Ann Arbor, MI
04/2011-06/2011	Scott Phillips, MC, Henry Ford Neurosurgery Resident (J Rock, MD, Program Director), Neurosurgery Resident Peripheral Nerve Rotation with Yang, LJ-S, MD, PhD in the Department of Neurosurgery, University of Michigan, Ann Arbor, MI
10/2011-12/2011	Adam Robin, MD, Henry Ford Neurosurgery Resident (J Rock, MD, Program Director), Neurosurgery Resident Peripheral Nerve Rotation with Yang, LJ-S, MD, PhD in the Department of Neurosurgery, University of Michigan, Ann Arbor, MI

04/2012-06/2012	Aqueel Pabaney, MD, Henry Ford Neurosurgery Resident (J Rock, MD, Program Director), Neurosurgery Resident Peripheral Nerve Rotation with Yang, LJ-S, MD, PhD in the Department of Neurosurgery, University of Michigan, Ann Arbor, MI
01/2013-03/2013	Azam Basheer, MD, Henry Ford Neurosurgery Resident (J Rock, MD, Program Director), Neurosurgery Resident Peripheral Nerve Rotation with Yang, LJ-S, MD, PhD in the Department of Neurosurgery, University of Michigan, Ann Arbor, MI
04/2013-06/2013	Rushna Ali, MD, Henry Ford Neurosurgery Resident (J Rock, MD, Program Director), Neurosurgery Resident Peripheral Nerve Rotation with Yang, LJ-S, MD, PhD in the Department of Neurosurgery, University of Michigan, Ann Arbor, MI
07/2014-09/2014	Thomas Noh, MD, Henry Ford Neurosurgery Resident (J Rock, MD, Program Director), Neurosurgery Resident Peripheral Nerve Rotation with Yang, LJ-S, MD, PhD in the Department of Neurosurgery, University of Michigan, Ann Arbor, MI
04/2015-06/2015	Richard Rammo, MD, Henry Ford Neurosurgery Resident (J Rock, MD, Program Director), Neurosurgery Resident Peripheral Nerve Rotation with Yang, LJ-S, MD, PhD in the Department of Neurosurgery, University of Michigan, Ann Arbor, MI
07/2015-09/2015	Rizwan Tahir, MD, Henry Ford Neurosurgery Resident (J Rock, MD, Program Director), Neurosurgery Resident Peripheral Nerve Rotation with Yang, LJ-S, MD, PhD in the Department of Neurosurgery, University of Michigan, Ann Arbor, MI
11/2015-12/2015	Lara Massie, MD, Henry Ford Neurosurgery Resident (J Rock, MD, Program Director), Neurosurgery Resident Peripheral Nerve Rotation with Yang, LJ-S, MD, PhD in the Department of Neurosurgery, University of Michigan, Ann Arbor, MI

Teaching Activity

National

05/2011	Peripheral Nerve Board Review, AANS Goodman Oral Board Course, Houston, TX
04/2012	Peripheral Nerve Board Review, AANS Goodman Oral Board Course, Houston, TX
05/2013	Peripheral Nerve Oral Board Review - Webinar, Congress of Neurological Surgeons
05/2013	Peripheral Nerve Board Review, AANS Goodman Oral Board Course, Houston, TX
04/2014	Peripheral Nerve Oral Board Review - Webinar, Congress of Neurological Surgeons
05/2014	Infraclavicular Brachial Plexus Anatomy and Exposure, AANS/NREF Peripheral Nerve Course for Residents, American Association of Neurological Surgeons, Baltimore, MD
05/2014	Peripheral Nerve Board Review, AANS Goodman Oral Board Course, Houston, TX
11/2014	Peripheral Nerve Oral Board Review, Congress of Neurological Surgeons Webinar
05/2015	Peripheral Nerve Oral Board Review Webinar, Congress of Neurological Surgeons
05/2015	AANS Goodman Oral Board Review Course - Peripheral Nerve, Houston, TX, USA
08/2015	"Surgical Repair of the Brachial Plexus," American Society of NeuroMonitoring Webinar
03/2016	"Peripheral Nerve Oral Board Review Webinar for Practicing Neurosurgeons," Congress of Neurological Surgeons
10/2016	"Peripheral Nerve Oral Board Review Webinar for Practicing Neurosurgeons," Congress of Neurological Surgeons
11/2016	Peripheral Nerve Board Review, AANS Goodman Oral Board Course, Houston, TX

Regional

08/2006	Common Entrapment Syndromes: Recognition and Management, Resident Teaching Conference, Dept. of Neurosurgery, Henry Ford Hospitals, Detroit, MI
07/2008	Brachial Plexus Anatomy, Resident Teaching Conference, Dept. of Neurosurgery, Henry Ford Hospitals, Detroit, MI
08/2008	Common Entrapment Syndromes: Recognition and Management, Resident Teaching Conference, Dept. of Neurosurgery, Henry Ford Hospital, Detroit, MI
06/2009	What's New in Peripheral Nerve Surgery, Michigan Association of Neurological Surgeons - Annual Meeting, Boyne Mountain, MI
09/2009	Differentiating Radiculopathy from Peripheral Entrapment, Resident Teaching Conference, Dept. of Neurosurgery, Henry Ford Hospitals, Detroit, MI

- 09/2009 Neonatal Brachial Plexus Palsy, Resident Teaching Conference, Dept. of Neurosurgery, Henry Ford Hospitals, Detroit, MI
- 08/2010 Brachial Plexus Anatomy, Brachial Plexus Day Camp/Family Day, Howell Nature Center, Howell, MI
- 09/2010 Brachial Plexus Anatomy, Resident Teaching Conference, Dept. of Neurosurgery, Henry Ford Hospitals, Detroit, MI
- 09/2010 Lower Extremity Anatomy and Injury, Resident Teaching Conference, Dept. of Neurosurgery, Henry Ford Hospitals, Detroit, MI
- 09/2012 Nerve Reconstruction for Neonatal Brachial Plexus Palsy, Mary Freebed Rehabilitation Hospital, Kalamazoo, MI
- 08/2013 Anatomy of the Brachial Plexus, Brachial Plexus Palsy Family Day and Day Camp, Howell Nature Center, Howell, MI
- 10/2013 Upper Extremity Entrapment Syndromes, Dept of Neurosurgery, Henry Ford Hospitals, Detroit, MI
- 04/2015 "Operative Anatomy of the Brachial Plexus," Resident Teaching Conference, Department of Neurosurgery, Henry Ford Health System, Detroit, MI, USA
- 03/2016 "Basic Science of the Peripheral Nerves," "Clinical Cases," and "Spinal Cord Injury and its Treatment," Resident Conference, Department of Orthopedic Surgery, Western Michigan School of Medicine, Kalamazoo, MI, USA

Institutional

- 01/2005 Obstetric Brachial Plexus Palsy, Resident Teaching Conference, Dept. of Physical Medicine and Rehabilitation, University of Michigan, Ann Arbor, MI
- 05/2005 Obstetric Brachial Plexus Palsy, James Rae Day, Dept. of Physical Medicine and Rehabilitation, University of Michigan, Ann Arbor, MI
- 07/2005 Treatment of Pediatric Brachial Plexus Palsy, Hoff Scientific Day, Dept. of Neurosurgery, University of Michigan, Ann Arbor, MI
- 09/2005 Neurosurgery Residency, Residency Program Open House, University of Michigan Medical School, Ann Arbor, MI
- 10/2005 Neonatal Brachial Plexus Multi-disciplinary Program, Faculty Conference, Depts. of Pediatric Neurology and Neonatology, University of Michigan, Ann Arbor, MI
- 03/2006 Thoracic Spinal Cord Herniation, Neurology Grand Rounds, Dept of Neurology, University of Michigan, Ann Arbor, MI
- 09/2006 Neurosurgery as a Career, MCAS Career Seminar Series in Neurosurgery, University of Michigan School of Medicine, Ann Arbor, MI
- 10/2006 Pediatric Brachial Plexus Palsy, Pediatric Lecture Series, Dept. of Physical Medicine and Rehabilitation, University of Michigan, Ann Arbor, MI
- 11/2006 Brachial Plexus Anatomy, Neurosurgery Resident Teaching Conference, University of Michigan Health System, Ann Arbor, MI
- 02/2007 Brachial Plexus Anatomy and Cadaver Dissection, Resident Teaching Seminar, Dept. of Physical Medicine and Rehabilitation, University of Michigan, Ann Arbor, MI
- 02/2007 Neurosurgery as a Career, MCAS Career Seminar Series, University of Michigan Medical School, Ann Arbor, MI
- 04/2007 Surgery for Pediatric Brachial Plexus Palsy, Occupational Therapy Symposium, University of Michigan Brachial Plexus Program, Ann Arbor, MI
- 04/2007 Brachial Plexus Anatomy, Occupational Therapy Symposium, University of Michigan Brachial Plexus Program, Ann Arbor, MI
- 09/2007 Pearls for Spine and Peripheral Nerve Surgery, Neurology Medical Student Friday Noon Lecture Monthly Series, University of Michigan, Ann Arbor, MI
- 11/2007 Neurosurgery Residency, M1-M2 SCRUBS Surgery Interest Group, University of Michigan Medical School, Ann Arbor, MI
- 01/2008 Brachial Plexus Anatomy and Cadaver Dissection, Resident Conference, Dept. of Physical Medicine and Rehabilitation, University of Michigan, Ann Arbor, MI

02/2008 Neurosurgery as a Career, MCAS Career Seminar Series, University of Michigan Medical School, Ann Arbor, MI

02/2008 Disorders of Spine and Peripheral Nerves, Neurosurgery Medical Student (M3) Lecture, Neurology/Neurosurgery Rotation, University of Michigan Medical School, Ann Arbor, MI

03/2008 Disorders of Spine and Peripheral Nerves, Neurosurgery Medical Student (M3) Lecture, Neurology/Neurosurgery Rotation, University of Michigan Medical School, Ann Arbor, MI

04/2008 Neurosurgery Residency Application Process, Neurosurgery Interest Group, University of Michigan Medical School, Ann Arbor, MI

05/2008 Disorders of Spine and Peripheral Nerves, Neurosurgery Medical Student (M3) Lecture, Neurology/Neurosurgery Rotation, University of Michigan Medical School, Ann Arbor, MI

08/2008 Disorders of Spine and Peripheral Nerves, Neurosurgery Medical Student (M3) Lecture, Neurology/Neurosurgery Rotation, University of Michigan Medical School, Ann Arbor, MI

01/2009 Disorders of Spine and Peripheral Nerves, Neurosurgery Medical Student (M3) Lecture, Neurology/Neurosurgery Rotation, University of Michigan Medical School, Ann Arbor, MI

03/2009 Disorders of Spine and Peripheral Nerves, Neurosurgery Medical Student (M3) Lecture, Neurology/Neurosurgery Rotation, University of Michigan Medical School, Ann Arbor, MI

06/2009 Disorders of Spine and Peripheral Nerves, Neurosurgery Medical Student (M3) Lecture, Neurology/Neurosurgery Rotation, University of Michigan Medical School, Ann Arbor, MI

07/2009 Disorders of Spine and Peripheral Nerves, Neurosurgery Medical Student (M3) Lecture, Neurology/Neurosurgery Rotation, University of Michigan Medical School, Ann Arbor, MI

10/2009 Disorders of Spine and Peripheral Nerves, Neurosurgery Medical Student (M3) Lecture, Neurology/Neurosurgery Rotation, University of Michigan Medical School, Ann Arbor, MI

10/2009 Updates in the Treatment of Neonatal Brachial Plexus Palsy, Neonatal Neurology Grand Rounds, University of Michigan, Ann Arbor, MI

10/2009 Suturing, Neurosurgery Intern Skills Course, Dept. of Neurosurgery, University of Michigan, Ann Arbor, MI

01/2010 Brachial Plexus Anatomy and Cadaver Dissection, Resident Teaching Conference, Dept. of Physical Medicine and Rehabilitation, University of Michigan

01/2010 Basics of Brachial Plexus Palsies, Milestones Teaching Conference, University of Michigan Health System, Ann Arbor, MI

02/2010 Brachial Plexus Program - An Interdisciplinary Specialty Program, Hospital and Health Center Executive Board, University of Michigan Health System, Ann Arbor, MI

02/2010 Clinical Applications of Brachial Plexus Anatomy, Resident Teaching Conference, Dept. of Physical Medicine and Rehabilitation, University of Michigan, Ann Arbor, MI

02/2010 Disorders of Spine and Peripheral Nerves, Neurosurgery Medical Student (M3) Lecture, Neurology/Neurosurgery Rotation, University of Michigan Medical School, Ann Arbor, MI

03/2010 Applied Clinical Anatomy: The Musculoskeletal System - Upper Extremity Entrapment, M4 Lecture, University of Michigan Medical School, Ann Arbor, MI

03/2010 Applied Clinical Anatomy: The Musculoskeletal System - Lower Extremity Entrapment, M4 Lecture, University of Michigan Medical School, Ann Arbor, MI

04/2010 Surgery for Neonatal Brachial Plexus Palsy, Orthotics Teaching Conference, University of Michigan Health System, Ann Arbor, MI

05/2010 Brachial Plexus Program, Mott Community Board, University of Michigan Health System, Ann Arbor, MI

05/2010 Diagnosis and Treatment of Brachial Plexus and Peripheral Nerve Disorders, Intraoperative Monitoring Teaching Conference, University of Michigan Health System, Ann Arbor, MI

07/2010 Looking Ahead at Peripheral Nerve Surgery, Grand Rounds, Dept. of Orthopedics, University of Michigan, Ann Arbor, MI

07/2010 Disorders of Spine and Peripheral Nerves, Neurosurgery Medical Student (M3) Lecture, Neurology/Neurosurgery Rotation, University of Michigan Medical School, Ann Arbor, MI

09/2010 Suturing, Neurosurgery Intern Skills Course, Dept. of Neurosurgery, University of Michigan, Ann Arbor, MI

01/2011 Nerve Reconstruction for Brachial Plexus Palsy, Resident Teaching Seminar, Dept. of Physical Medicine and Rehabilitation, University of Michigan, Ann Arbor, MI

03/2011 Applied Clinical Anatomy: The Musculoskeletal System - Brachial Plexus Palsy, M4 Lecture, University of Michigan Medical School, Ann Arbor, MI

03/2011 Applied Clinical Anatomy: The Musculoskeletal System - Upper Extremity Entrapment, M4 Lecture, University of Michigan Medical School, Ann Arbor, MI

09/2011 Research Updates Neonatal Brachial Plexus Palsy, Ground Rounds, Dept. of Physical Medicine and Rehabilitation, University of Michigan, Ann Arbor, MI, Ann Arbor, MI

09/2011 Suturing, Neurosurgery Intern Skills Course, Dept. of Neurosurgery, University of Michigan Ann Arbor, MI

09/2012 Suturing, Neurosurgery Intern Skills Course, Dept. of Neurosurgery, University of Michigan, Ann Arbor, MI

10/2012 Looking Ahead in Peripheral Nerve Surgery: Application to Spinal Cord Injury, Main Operating Room Nursing Inservice, University of Michigan Health System, Ann Arbor, MI

01/2013 Nerve Transfers, Resident Teaching Conference, Dept. of Physical Medicine and Rehabilitation, University of Michigan, Ann Arbor, MI

03/2013 Brachial Plexus Palsy, Hand Fellowship Conference, University of Michigan, Ann Arbor, MI

03/2013 Applied Clinical Anatomy: The Musculoskeletal System - Upper Extremity Entrapment, M4 Lecture, University of Michigan Medical School, Ann Arbor, MI

04/2013 Nerve Injury and Repair, Hand Fellowship Conference, University of Michigan, Ann Arbor, MI

04/2013 Looking Ahead in Peripheral Nerve Surgery: Application to Spinal Cord Injury, Main Operating Room Nursing Inservice, University of Michigan Health System, Ann Arbor, MI

08/2013 Neonatal Brachial Plexus Palsy, Resident Teaching Conference, Dept of Physical Medicine and Rehabilitation, University of Michigan, Ann Arbor, MI

09/2013 Creation of an Interdisciplinary Brachial Plexus Program, Mott Operating Room Nursing Inservice, University of Michigan Health System, Ann Arbor MI

10/2013 Suturing, Neurosurgery Intern Skills Course, Dept. of Neurosurgery, University of Michigan, Ann Arbor, MI

10/2013 Acute Nerve Injury: Nerve Transfers, Hand Fellowship Conference, University of Michigan, Ann Arbor, MI

01/2014 Neurosurgery as a Career, M1/2 Neurosurgery Interest Group, University of Michigan Medical School, Ann Arbor, MI

01/2014 Peripheral Nerve Anatomy, Neurosurgery Resident Teaching Conference, Dept. of Neurosurgery, University of Michigan, Ann Arbor, MI

03/2014 Applied Clinical Anatomy: The Brachial Plexus, M4 Lecture, University of Michigan Medical School, Ann Arbor, MI

03/2014 Brachial Plexus Anatomy Underlies Treatment, Plastic Surgery Resident Teaching Conference, Division of Plastic Surgery, Dept. of Surgery, University of Michigan, Ann Arbor, MI

07/2014 "Intraspinal Schwannoma" at Department of Neurology Rounds

11/2014 "Anatomy Underlies Treatment of Brachial Plexus Palsy" at Department of Physical Medicine and Rehabilitation Resident Conference, University of Michigan, Ann Arbor, MI, USA

02/2015 "Brachial Plexus and Entrapment Neuropathies," Resident Teaching Conference, Department of Neurosurgery University of Michigan, Ann Arbor, MI, USA

03/2015 "Brachial Plexus," Musculoskeletal Anatomy course for M4, School of Medicine, University of Michigan, Ann Arbor, MI, USA

03/2015 "Nerve complications from Clavicle Fractures," Hand Surgery Fellow Conference, University of Michigan, Ann Arbor, MI, USA

04/2015 "Anatomy of the Brachial Plexus and Peripheral Nerves - Cadaver Dissection," Resident Teaching Conference, Department of Neurosurgery University of Michigan, Ann Arbor, MI, USA

04/2015	"Anatomy of the Brachial Plexus and Peripheral Nerves - Cadaver Dissection," Resident Teaching Conference, Department of Physical Medicine and Rehabilitation, University of Michigan, Ann Arbor, MI, USA
10/2015	"Intraoperative Positioning Peripheral Nerve Injuries," Neuroanesthesia Fellow Teaching Conference, Department of Anesthesiology, University of Michigan, Ann Arbor, MI, USA
11/2015	"Brachial Plexus Clinical Cases," Hand Surgery Conference, University of Michigan, Ann Arbor, MI, USA
01/2016	"Anatomy Underlies the Treatment of Brachial Plexus Palsy," Resident Teaching Conference, Department of Physical Medicine and Rehabilitation, University of Michigan, Ann Arbor, MI, USA
02/2016	"Anatomy Underlies the Treatment of Brachial Plexus Palsy," Pain Fellow Teaching Conference, Department of Anesthesiology, University of Michigan, Ann Arbor, MI, USA
02/2016	"Pursuing a Career in Research in Medicine," Research Methods Course, Department of Kinesiology, University of Michigan, Ann Arbor, MI, USA
02/2016	"Brachial Plexus and Entrapment Neuropathies," Resident Teaching Conference, Department of Neurosurgery, University of Michigan, Ann Arbor, MI, USA
03/2016	"The Brachial Plexus," Musculoskeletal Anatomy Course for M4, University of Michigan Medical School
05/2016	Brachial Plexus Injuries and Reconstruction - Surgical Exposure," Resident Teaching Conference, Division of Plastic Surgery, Department of Surgery, University of Michigan, Ann Arbor, MI USA
11/2016	"Intraoperative Positioning Injuries," Neuroanesthesia Fellow Conference, Department of Anesthesiology, University of Michigan, Ann Arbor, MI

Dissertation Committees

2013	Mostafa Ghannad-Rezaie, Near Infrared Microsensor for Continuous In-vivo Intraocular and Intracranial Pressure Monitoring, University of Michigan, Ann Arbor, MI, Biomedical Engineering, Committee Member
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Committee and Administrative Services

Committee Services

National

2006-2010	Congress of Neurological Surgeons (Scientific Program Committee), Member, Annual Meeting Scientific Program Committee
2008-present	AANS/CNS Disorders of the Spine and Peripheral Nerves (Scientific Program Committee), Member, Annual Meeting Program Committee
2009-2011	AANS/CNS Division of Peripheral Nerves of the Section of Spine and Peripheral Nerves (Secretary), Secretary
2011-2013	AANS/CNS Division of Peripheral Nerves of the Section of the Spine and Peripheral Nerves (Chair-Elect), Chair-Elect
2011-2013	American Society of Peripheral Nerve Surgeons (Nominating Committee Member), Nominating Committee Member
2013-2015	American Society of Peripheral Nerve Surgeons (Executive Council Member-at-large), Member-at-large
2013-2016	AANS/CNS Disorders of the Spine and Peripheral Nerves Executive Committee (Member), Member
2013-2016	AANS/CNS Division of Peripheral Nerves of the Section of Spine and Peripheral Nerves (Chairman), Chairman
2013-present	AANS/CNS Drugs and Devices Committee, Ex-officio member
2017	American Society for Peripheral Nerve - Scientific Program Committee, Chairman

Regional

2014-2016	Michigan Association of Neurological Surgeons (Executive Board Member-at-large), Member-at-large
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Institutional

2007-present	University of Michigan, Director, Brachial Plexus and Peripheral Nerve Program
2008-2012	University of Michigan, Senate Assembly
2008-present	Department of Neurosurgery, University of Michigan, Education Committee
2009-2012	University of Michigan, Medical Director, Department of Neurosurgery / Ambulatory Care Operations Committee
2009-2012	University of Michigan, Undergraduate Scholarship Award Committee

Visiting Professorships and Extramural Invited Presentations

Visiting Professorships

11/2010	Neonatal Brachial Plexus Palsy - Rosenthal Memorial Lecture, Department of Obstetrics and Gynecology Grand Rounds at Sinai-Grace Hospital, Wayne State University School of Medicine/Detroit Medical Center, November 2010, Detroit, MI
02/2012	Brachial Plexus Injury and Peripheral Nerve Surgery in the 21st Century: Improving Outcomes with Multidisciplinary Collaborations, Department of Neurosurgery, University of Texas Southwestern Medical Center, February 2012, Dallas, TX
07/2013	Looking Ahead in Peripheral Nerve Surgery: Improving Functional Outcomes via Interdisciplinary Collaborations, Dept of Neurosurgery, The University of Alabama at Birmingham, July 2013, Birmingham, AL

Extramural Invited Presentations

1. Peripheral Nerve Surgery: 'Must Knows' for Practicing Neurosurgeons, Congress of Neurological Surgeons - Annual Meeting, October 2004, San Francisco, CA
2. Peripheral Nerve Injury, Department of Pharmacology, The Johns Hopkins School of Medicine, October 2004, Baltimore MD
3. Gangliosides as Inhibitors of Nerve Regeneration, Dept. of Neurosurgery, Leiden University Medical Center, April 2005, Leiden, The Netherlands
4. Regeneration Gangliosides as Inhibitors of Nerve, Dept. of Neurosurgery, Leiden University Medical Center, April 2005, Leiden, The Netherlands
5. Surgery for Peripheral Nerve Trauma, Congress of Neurological Surgeons - Annual Meeting, October 2005, Boston, MA
6. Pediatric Peripheral Nerve Injury, Congress of Neurological Surgeons - Annual Meeting, October 2005, Boston, MA
7. Cubital Tunnel and Piriformis Syndrome, American Association of Neurological Surgeons, Annual Meeting, American Association of Neurological Surgeons - Annual Meeting, April 2006, San Francisco, CA
8. Pediatric Brachial Plexus Palsy, Michigan Association of Neurological Surgeons - Annual Meeting, June 2006, Crystal Mountain, MI
9. Pediatric Brachial Plexus Palsy, Congress of Neurological Surgeons - Annual Meeting, October 2006, Chicago IL
10. Carpal Tunnel Release, Congress of Neurological Surgeons - Annual Meeting, October 2006, Chicago, IL
11. Sialidase and Nerve Regeneration, American Society for Peripheral Nerve - Annual Meeting, January 2007, San Juan, Puerto Rico
12. In Vivo Enhancement of Spinal Axon Outgrowth by Sialidase in a Rat Model of Brachial Plexus Avulsion, American Society for Peripheral Nerve - Annual Meeting, January 2007, San Juan, Puerto Rico
13. ABC's of Peripheral Nerve Surgery, Congress of Neurological Surgeon Joint Section of Spine and Peripheral Nerve - Annual Meeting, March 2007, Phoenix, AZ
14. Peripheral Nerve Surgery Must Knows - Is it Entrapment Neuropathy? Or Is it Radiculopathy?, Michigan Association of Neurological Surgeons, June 2007, Mackinac Island, MI
15. Pediatric Brachial Plexus Palsy, Munson Medical Center, August 2007, Traverse City, MI
16. Peripheral Nerve Expert Panel, Congress of Neurological Surgeons - Annual Meeting, September 2007, San Diego, Ca
17. Brachial Plexus Palsy, American Association of Physical Medicine and Rehabilitation - Annual Meeting, September 2007, Boston, MA

18. Laparoscopic Nerve Transection for Post-herniorrhaphy Groin Pain, Kline Festschrift, October 2007, New Orleans, LA
19. Treatment of Peripheral Nerve Entrapment, Congress of Neurological Surgeons - Annual Meeting, October 2007, San Diego, CA
20. Hands-On Peripheral Nerves of the Upper Extremities, American Association of Neurological Surgeons - Annual Meeting, April 2008, Chicago, IL
21. Updates in Peripheral Nerve Surgery, Michigan Association of Neurological Surgeons, June 2008, Mackinac Island, MI
22. Brachial Plexus Palsy Program, Motor City Golf Classic Dinner, University of Michigan, August 2008, Ann Arbor, MI
23. Coffee and Cases, Congress of Neurological Surgeons - Annual Meeting, September 2008, Orlando, FL
24. History and Physical Examination - Principles of Peripheral Nerve Surgery, Congress of Neurological Surgeons - Annual Meeting, September 2008, Orlando, FL
25. Pediatric Brachial Plexus Palsy, American Association for Cerebral Palsy and Developmental Medicine - Annual Meeting, September 2008, Atlanta, Georgia
26. Surgery for Brachial Plexus Injury - Management of Peripheral Nerve and Brachial Plexus Injury, Congress of Neurological Surgeons - Annual Meeting, September 2008, Orlando
27. Diagnosis and Treatment of Neonatal Brachial Plexus Palsy, Michigan Occupational Therapy Association - Annual Meeting, October 2008, Mackinac Island, MI
28. Peripheral Nerve Dissection, Joint Section of Spine and Peripheral Nerve Surgeons - Annual Meeting, March 2009, Phoenix, AZ
29. Hands-On Peripheral Nerve Exposure of the Upper Extremities, American Association of Neurological Surgeons - Annual Meeting, May 2009, San Diego, CA
30. Upper Extremity Peripheral Nerve Entrapments, American Association of Neurological Surgeons - Annual Meeting, May 2009, San Diego
31. What's New in Peripheral Nerve Surgery, Michigan Association of Neurological Surgeons - Annual Meeting, June 2009, Boyne Mountain, MI
32. Paresthesias in the Thigh, American Association of Neurological Surgeons - Annual Meeting, September 2009, San Diego
33. Coffee and Cases with the Masters, Congress of Neurological Surgeons - Annual Meeting, October 2009, New Orleans, LA
34. Patient Evaluation - Principles of Peripheral Nerve Surgery, Congress of Neurological Surgeons - Annual Meeting, October 2009, New Orleans, LA
35. Peripheral Nerve Board Review, Congress of Neurological Surgeons - Annual Meeting, October 2009, New Orleans, LA
36. Looking Ahead in Peripheral Nerve Surgery - Improving Outcomes via Interdisciplinary Collaborations, AANS/CNS Joint Section of Spine and Peripheral Nerve Surgeons - Annual Meeting, February 2010, Orlando, FL
37. Supraclavicular Exposure of the Brachial Plexus, AANS/CNS Joint Section of Spine and Peripheral Nerve Surgeons - Annual Meeting, February 2010, Orlando, FL
38. Updates on Carpal Tunnel Surgery, American Association of Neurological Surgeons - Annual Meeting, May 2010, Philadelphia, PA
39. Hands-on Peripheral Nerve: Practical Course, American Association of Neurological Surgeons - Annual Meeting, May 2010, Philadelphia, PA
40. Looking Ahead in Peripheral Nerve Surgery - Improving Functional Outcomes via Interdisciplinary Collaborations, Michigan Association of Neurological Surgeons - Annual Meeting, June 2010, Traverse City, MI
41. Peripheral Nerve Surgery: The Basics and Beyond, Congress of Neurological of Neurological Surgeons - Annual Meeting, October 2010, San Francisco, CA
42. Patient Evaluation - Peripheral Nerve Board Review, Congress of Neurological Surgeons - Annual Meeting, October 2010, San Francisco, CA
43. Peripheral Nerve Injury and Repair, Pontiac Osteopathic Hospital, November 2010, Pontiac, MI

44. Pediatric Peripheral Nerve Injury and Management, American Society for Peripheral Nerve - Annual Meeting, January 2011, Cancun, Mexico
45. Peripheral Nerve Exposures and Nerve Repair Techniques, Joint Section of Spine and Peripheral Nerve Surgeons - Annual Meeting, March 2011, Phoenix, AZ
46. Peripheral Nerve Injuries, Entrapments and Tumors: Examination and Evaluation, American Association of Neurological Surgeons - Annual Meeting, April 2011, Denver, CO
47. Nerve Reconstruction for Erb's Palsy, World Federation of Neurological Surgeons - Biannual Meeting, September 2011, Porto Galinhas, Pernambuco, Brazil
48. Peripheral Nerve Board Review, Congress of Neurological Surgeons - Annual Meeting, October 2011, Washington D.C.
49. Principles and Practices of Peripheral Nerve, American Congress of Neurological Surgeons - Annual Meeting, October 2011, Washington D.C.
50. Paraspinal Tumors, Joint Section of Spine and Peripheral Nerve Surgeons - Annual Meeting, March 2012, Orlando, FL
51. Infraclavicular Brachial Plexus Exposure - Peripheral Nerve Exposures and Nerve Repair Techniques, Joint Section of Spine and Peripheral Nerve Surgeons - Annual Meeting, March 2012, Orlando, FL
52. Peripheral Nerve Entrapment Syndromes, American Association of Neurological Surgeons - Annual Meeting, April 2012, Miami, FL
53. Evaluation of Patients with Peripheral Nerve Injury, American Association of Neurological Surgeons - Annual Meeting, April 2012, Miami, FL
54. Nerve Reconstruction for Neonatal Brachial Plexus Palsy, Conference on Exploring Shoulder Dystocia and Neonatal Brachial Plexus Injury: Updates on Prevention and Treatment, The Johns Hopkins Hospital, September 2012, Baltimore, MD
55. Timing and Options for Nerve Surgery, Exploring Shoulder Dystocia and Neonatal Brachial Plexus Injury: Updates in Prevention and Treatment, The Johns Hopkins Hospital, September 2012, Baltimore, MD
56. Peripheral Nerve Board Review, Congress of Neurological Surgeons - Annual Meeting, October 2012, Chicago IL
57. Peripheral Nerve Board Review, Congress of Neurological Surgeons - Annual Meeting, October 2012, Chicago, IL
58. History and Physical Examination - Principles of Peripheral Nerve Surgery, Congress of Neurological Surgeons - Annual Meeting, October 2012, Chicago, IL
59. Peripheral Nerve Exposure and Nerve Repair Techniques, AANS/CNS Section on Disorders of the Spine and Peripheral Nerves - Annual Meeting, March 2013, Phoenix, AZ
60. Median Nerve Entrapments, American Association of Neurological Surgeons - Annual Meeting, April 2013, New Orleans, LA
61. Asymptomatic Paraspinal Tumors: Operate or Not, Michigan Association of Neurological Surgeons - Annual Meeting, June 2013, Crystal Mountain, MI
62. Research Updates in Neonatal Brachial Plexus Palsy: Improving outcomes by studying associated conditions and quality of life, Southeastern European Neurosurgical Society - Annual Meeting, October 2013, Belgrade, Serbia
63. Meralgia Paresthetica and Tarsal Tunnel Syndrome, Congress of Neurological Surgeons, October 2013, San Francisco, CA
64. Peripheral Nerve Board Review, Congress of Neurological Surgeons - Annual Meeting, October 2013, San Francisco, CA
65. Nerve Surgery for Neonatal Brachial Plexus Palsy - practical aspects, American Society for Peripheral Nerve, January 2014, Lihue, HI
66. Innovative Technologies in Spine and Peripheral Nerve Surgery - Course Director, Disorders of the Spine and Peripheral Nervous System Annual Meeting, March 2014, Orlando, FL
67. Peripheral Nerve Injuries, Entrapments and Tumors: Examination and Evaluation, American Association of Neurological Surgeons - Annual Meeting, April 2014, San Francisco, CA
68. Peripheral Nerve Entrapment Syndromes: Median Nerve Entrapment, American Association of Neurological Surgeons - Annual Meeting, April 2014, San Francisco, CA

69. Nerve transfer from ulnar fascicle to musculocutaneous branch to biceps improves supination and potentially external rotation, Toronto Brachial Plexus Workshop, May 2014, Toronto, Ontario, Canada
70. Hosted Interdisciplinary Conference on "Neonatal Brachial Plexus Palsy: Moving the Science Forward" with M Grimm and B Gonik, Wayne State University, May 2014, Detroit, MI, USA
71. Optimal Treatment of Peroneal Ganglion Cysts, Michigan Association of Neurological Surgeons - Annual Meeting, May 2014, Crystal Mountain, MI
72. Surgical Repair of the Brachial Plexus, American Society of Neurophysiological Monitoring, September 2014, Ann Arbor, MI, USA
73. Peripheral Nerve Entrapment Syndromes: Diagnosis and Management - Carpal Tunnel Syndrome, Congress of Neurological Surgeons, October 2014, Boston, MA, USA
74. Interdisciplinary Treatment of Brachial Plexus and Peripheral Nerve Disorders, Michigan State Medical Society, October 2014, Detroit, MI, USA
75. Peripheral Nerve Anatomy and Surgery (Cadaver Course), Congress of Neurological Surgeons, October 2014, Boston, MA, USA
76. Peripheral Nerve Board Review - History and Physical Exam, Congress of Neurological Surgeons, October 2014, Boston, MA, USA
77. Spine Section Cadaveric Instruction, Congress of Neurological Surgeons - Disorders of the Spine and Peripheral Nerves Annual Meeting, March 2015, Phoenix, AZ, USA
78. "When to refer urgently – traumatic brachial plexus and peripheral nerve injury", Michigan Association of Neurological Surgeons Annual Meeting, May 2015, Bay Harbor, MI, USA
79. Peripheral Nerve Injuries, Entrapments and Tumors: Examination and Evaluation course, American Association of Neurological Surgeons Annual Meeting, May 2015, Washington, DC, USA
80. Imaging Advances Can Affect the Treatment and Surgical Strategy for Neonatal Brachial Plexus Palsy, World Federation of Neurological Surgeons Interim Meeting, September 2015, Rome, Italy
81. Peripheral nerve exposure and anatomy for oral boards- cadaver (Emergency Cases), Congress of Neurological Surgeons Annual Meeting, September 2015, New Orleans, LA, USA
82. Peripheral Nerve Board Review - Moderator and gave "Injury/Repair", Congress of Neurological Surgeons Annual Meeting, September 2015, New Orleans, LA, USA
83. Perinatal/maternal factors associated with persistence (and/or resolution) of Neonatal Brachial Plexus Palsy, German-South American Meeting of Peripheral Nerve Surgery, November 2015, Guenzburg, Germany
84. Neonatal Brachial Plexus Palsy- Management and Outcome, American society for Peripheral Nerve Annual Meeting, January 2016, Scottsdale, AZ, USA
85. Spine/Peripheral Nerve Cadaver Lab, Congress of Neurological Surgeons - Disorders of the Spine and Peripheral Nerves Annual Meeting, March 2016, Orlando, FL, USA
86. Patient Misconceptions and Patient Expectations Concerning Lumbar Degenerative Spinal Disease, James Rae Conference, Department of Physical Medicine and Rehabilitation, University of Michigan, April 2016, Ann Arbor, MI, USA
87. Peripheral Nerve Entrapment Syndromes - Ulnar Neuropathy, American Association of Neurological Surgeons Annual Meeting, April 2016, Chicago, IL, USA
88. Peripheral Nerve Injuries, Entrapments and Tumors: Examination and Evaluation - History and Physical Exam, American Association of Neurological Surgeons, April 2016, Chicago, IL, USA
89. AANS/NREF Peripheral Nerve Course for Residents - Lower Extremity Anatomy and Entrapments, American Association of Neurological Surgeons, April 2016, Baltimore, MD, USA
90. Peripheral Nerve Board Review - Moderator, Congress of Neurosurgery Annual Meeting, September 2016, San Diego, CA, USA
91. Neurocritical Care and Neurosurgical Emergencies Update - Peripheral Nerve Emergencies, Congress of Neurological Surgeons Annual Meeting, September 2016, San Diego, CA, USA
92. Surgery/ SRS for Benign Tumors Course - Peripheral Nerve Tumors, Congress of Neurological Surgeons Annual Meeting, September 2016, San Diego, CA, USA
93. "Brachial plexus surgical anatomy: Supraclavicular and infraclavicular access" and "Nerve transfer for upper plexus lesions.", Copenhagen Peripheral Nerve Surgery Course, September 2016, Copenhagen, Denmark, EU

94. Primary Surgical Strategy for Neonatal Brachial Plexus Palsies, World Federation of Neurological Surgeons THEORETICAL & PRACTICAL INTERNATIONAL COURSE IN PERIPHERAL NERVE & BRACHIAL PLEXUS SURGERY, November 2016, Leon, Spain, EU
95. Diagnosis and General Management of Neonatal Brachial Plexus Palsies, World Federation of Neurological Surgeons THEORETICAL & PRACTICAL INTERNATIONAL COURSE IN PERIPHERAL NERVE & BRACHIAL PLEXUS SURGERY, November 2016, Leon, Spain, EU

Other

1. Nerve Surgery for Neonatal Brachial Plexus Palsy, University of Michigan Orthotics and Prosthetics Center Centennial Celebration and Educational Seminar, University of Michigan, October 2012, Ann Arbor, Michigan
2. Neonatal Brachial Plexus Palsy: Moving the Science Forward (Conference Organizer), Wayne State University and the University of Michigan (sponsored by NIH-R15 Award), May 2014, Detroit, MI
3. Hosted the Sunderland Society International Meeting with John McGillicuddy, MD, Sunderland Society for Peripheral Nerve, June 2015, Ann Arbor, MI, USA
4. Neonatal Brachial Plexus Palsy: Diagnosis and Management, Neonatology Conference, University of Michigan, November 2015, Ann Arbor, MI, USA

Seminars

1. Updates in Neonatal Brachial Plexus Palsy Research, Neonatal Neurology Grand Rounds, University of Michigan, March 2014, Ann Arbor, MI

Patents

Granted

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| 02/2007 | Compositions and methods for enhancing axon regeneration, USPA 20070031397-A1, Co-inventor, Submitted on 05/2006 |
| 09/2000 | Compounds for stimulating nerve growth, US 06114126, Co-inventor, Submitted on 06/1998 |
| 10/1999 | Compounds for stimulating nerve growth, US 05962434, Co-inventor, Submitted on 08/1996 |

Bibliography

Peer-Reviewed Journals and Publications

1. Gordon GB, Prochaska HJ, Yang LY: Induction of NAD(P)H:quinone reductase in human peripheral blood lymphocytes. *Carcinogenesis* 12(12): 2393-6, 1991. PM1660793
2. Yang LJ, Zeller CB, Shaper NL, Kiso M, Hasegawa A, Shapiro RE, Schnaar RL: Gangliosides are neuronal ligands for myelin-associated glycoprotein. *Proc. Natl. Acad. Sci. U.S.A.* 93(2): 814-818, 1996. PM8570640
3. Schnaar RL, Longo P, Yang LJ, Tai T: Distinctive ganglioside patterns revealed by anti-ganglioside antibody binding to differentiating CG-4 oligodendrocytes. *Glycobiology* 6(3): 257-263, 1996. PM8724133
4. Yang LJ, Zeller CB, Schnaar RL: Detection and isolation of lectin-transfected COS cells based on cell adhesion to immobilized glycosphingolipids. *Anal. Biochem.* 236(1): 161-167, 1996. PM8619482
5. Collins BE, Yang LJ, Mukhopadhyay G, Filbin MT, Kiso M, Hasegawa A, Schnaar RL: Sialic acid specificity of myelin-associated glycoprotein binding. *J. Biol. Chem.* 272(2): 1248-1255, 1997. PM8995428
6. Collins BE, Yang LJ, Schnaar RL: Lectin-mediated cell adhesion to immobilized glycosphingolipids. *Meth. Enzymol.* 312: 438-446, 2000. PM11070892
7. Cowan Jr JA, Barkhoudarian G, Yang LJ, Thompson BG: Progression of a posterior communicating artery infundibulum into an aneurysm in a patient with Alagille syndrome. *Case report. J. Neurosurg.* 101(4): 694-696, 2004. PM15481729
8. Yang LJ, Anand P, Birch R: Limb preference in children with obstetric brachial plexus palsy. *Pediatr. Neurol.* 33(1): 46-49, 2005. PM15876521
9. Yang LJ, Gala VC, McGillicuddy JE: Superficial peroneal nerve syndrome: an unusual nerve entrapment. *Case report. J. Neurosurg.* 104(5): 820-823, 2006. PM16703890

10. Yang LJ, Lorenzini I, Vajn K, Mountney A, Schramm LP, Schnaar RL: Sialidase enhances spinal axon outgrowth in vivo. *Proc. Natl. Acad. Sci. U.S.A.* 103(29): 11057-11062, 2006. PM16847268
11. Watt AJ, Niederbichler AD, Yang LJ, Chung KC: Wilhelm Heinrich Erb, M.D. (1840 to 1921): a historical perspective on Erb's palsy. *Plast. Reconstr. Surg.* 119(7): 2161-2166, 2007. PM17519716
12. Ulgen BO, Brumblay H, Yang LJ, Doyle SM, Chung KC: Augusta Déjerine-Klumpke, M.D. (1859-1927): a historical perspective on Klumpke's palsy. *Neurosurgery* 63(2): 359-366, 2008. PM18797367/PMC-
13. Yang LJ, Schnaar RL: Axon regeneration inhibitors. *Neurol. Res.* 30(10): 1047-1052, 2008. PM19079979 /PMC-
14. Song JW, Yang LJ, Russell SM: Peripheral nerve: what's new in basic science laboratories. *Neurosurg. Clin. N. Am.* 20(1): 121-131, 2009. PM19064185
15. Ziewacz John E, Song Jae W, Blaivas Mila, Yang Lynda J S: Radiation-induced meningeal osteosarcoma of tentorium cerebelli with intradural spinal metastases. *Surg Neurol Int* 1: 14, 2010. PM20657695 /PMC2908355
16. Bowerson M, Nelson VS, Yang LJ: Diaphragmatic paralysis associated with neonatal brachial plexus palsy. *Pediatr. Neurol.* 42(3): 234-236, 2010. PM20159438/PMC-
17. Ibrahim M, Parmar H, Yang L: Horner syndrome associated with contusion of the longus colli muscle simulating a tumor. *J Neuroophthalmol* 30(1): 70-72, 2010. PM20182213/PMC-
18. Jacobson JA, Fessell DP, Lobo Lda G, Yang LJ: Entrapment neuropathies I: upper limb (carpal tunnel excluded). *Semin Musculoskelet Radiol* 14(5): 473-486, 2010. PM21072726/PMC-
19. Squitieri L, Steggerda J, Yang LJ, Kim HM, Chung KC: A national study to evaluate trends in the utilization of nerve reconstruction for treatment of neonatal brachial plexus palsy [outcomes article]. *Plast. Reconstr. Surg.* 127(1): 277-283, 2011. PM21200221
20. Ross DA, Sagher O, Yang L, Ross AM: Radical Resection of Adult Low Grade Oligodendroglioma without Adjuvant Therapy: Results of a Prospective Treatment Protocol *Journal of Cancer Therapy* 2: 235-242, 2011.
21. Song JW, Wolf Jr JS, McGillicuddy JE, Bhangoo S, Yang LJ: Laparoscopic triple neurectomy for intractable groin pain: technical report of 3 cases. *Neurosurgery* 68(SUPPL. 2): 339-346, 2011. PM21336213
22. Malessy MJ, Pondaag W, Yang LJ, Hofstede-Buitenhuys SM, le Cessie S, van Dijk JG: Severe obstetric brachial plexus palsies can be identified at one month of age. *PLoS ONE* 6(10): e26193, 2011. PM22043309
23. Hervey-Jumper SL, Justice D, Vanaman MM, Nelson VS, Yang LJ: Torticollis associated with neonatal brachial plexus palsy. *Pediatr. Neurol.* 45(5): 305-310, 2011. PM22000310
24. Rezaie M, Yang LJS, Chronis N: A Near Infrared Opto-mechanical Intracranial Pressure Microsensor *IEEE/ASME Journal of Microelectromechanical Systems* 21(1): 23-33, 2012.
25. Murphy KM, Rasmussen L, Hervey-Jumper SL, Justice D, Nelson VS, Yang LJ: An Assessment of the Compliance and Utility of a Home Exercise DVD for Caregivers of Children and Adolescents With Brachial Plexus Palsy: A Pilot Study. *PM R* 4(3): 190-197, 2012. PM22088854
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28. Yang LJ, Chang KW, Chung KC: Methodologically rigorous clinical research. *Plast. Reconstr. Surg.* 129(6): 979e-988e, 2012. PM22634695
29. Yang LJ, Chang KW, Chung KC: A systematic review of nerve transfer and nerve repair for the treatment of adult upper brachial plexus injury. *Neurosurgery* 71(2): 417-429, 2012. PM22811085
30. Yang LJ: Relation of muscle size to function in neonatal brachial plexus palsy. *Dev Med Child Neurol* 54(11): 973, 2012. PM22845805
31. Squitieri L, Larson BP, Chang KW-C, Yang, LJ-S, Chung KC: Understanding Quality of Life and Patient Expectations Among Adolscents with Neonatal Brachial Plexus Palsy: A Qualitative and Quantitative Pilot Study *Journal of Hand Surgery* 38(12): 2387-97, 2013. PM24416766

32. Ward JP, Yang LJ, Urquhart AG: Surgical decompression improves symptoms of late peroneal nerve dysfunction after TKA. *Orthopedics* 36(4): e515-9, 2013. PM23590795
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37. Chang KW, Justice D, Chung KC, Yang LJ: A systematic review of evaluation methods for neonatal brachial plexus palsy. *Journal of neurosurgery. Pediatrics*: 2013. PM23931766
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41. Rasmussen L, Justice D, Chang KW, Nelson VS, Yang LJ: Home Exercise DVD Promotes Exercise Accuracy by Caregivers of Children and Adolescents With Brachial Plexus Palsy. *PM & R : the journal of injury, function, and rehabilitation* 5(11): 924-30, 2013. PM23770351
42. Burns PB, Kim HM, Gaston RG, Haase SC, Hammert WC, Lawton JN, Merrell GA, Nassab PF, Yang LJ, Chung KC: Predictors of Functional Outcomes After Simple Decompression for Ulnar Neuropathy at the Elbow: A Multicenter Study by the SUN study group. *Archives of physical medicine and rehabilitation*: 2013. PM24252584
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