

CURRICULUM VITAE

PERSONAL INFORMATION

Mary L. Zupanc, M.D.

Professor, Department of Pediatrics and Neurology
University of California - Irvine
CHOC – Children’s Hospital

Children’s Specialist – Neurology
1201 W. La Veta Ave., Orange, CA 92868
Phone: 714-509-7601
Fax: 714-509-7953
E-mail: mzupanc@choc.org

EDUCATION

- 1979 Doctor of Medicine degree
 University of California at Los Angeles
 Position in graduating class: No.1
- 1974 Bachelor of Science degree in Zoology
 University of Wisconsin – Madison

Postgraduate Training and Fellowship Appointments

- 1986 Magnetoencephalography, Surgical Treatment of Epilepsy, UCLA
 (with Wm. Sutherling, M.D. and Jerome Engel Jr. M.D. PhD.)
- 1986 Neonatal EEG, Stanford University (with Barry R. Tharp, M.D.)
- 1982-1985 Pediatric Neurology Fellowship, University of Wisconsin Hospitals and Clinics,
 Departments of Pediatrics and Neurology, Madison, WI
- 1981-1982 Residency in Pediatrics, Harbor-UCLA Medical Center, Torrance, California (PG3)
- 1979-1981 Residency in Pediatrics, University of Washington School of Medicine, Children's
 Orthopedic Hospital, Seattle, WA (PG1, PG2)

MEDICAL LICENSURE

- 2011-Present State of California: #G44563
- 1981- Present State of Wisconsin: #25058
- 1993- Present State of Minnesota: #36939

1998-2002 State of New York: #211770
1998-2002 State of New Jersey: #MA067943
1979-1983 State of Washington: #18378

BOARD CERTIFICATION

Specialty Boards and Certification Boards

American Board of Psychiatry and Neurology with Special Competence in Child Neurology: Board Certified 1988, Certificate No. 654. Expiration: Lifetime. Maintenance of Certification Exam taken in 2016; Expiration: 2026

American Board of Psychiatry and Neurology-Special Qualifications in Epilepsy: Board Certified 2013; Expiration: 2023

American Board of Psychiatry and Neurology-Special Qualifications in Clinical Neurophysiology: Board Certified 1996. Recertified 2006; Expiration 2016. Recertified 2016; Expiration 2026

American Board of Clinical Neurophysiology: Board Certified 1996. Expiration: Lifetime.

American Board of Pediatrics: Board Certified 1985, Certificate No. 31667. Expiration: Lifetime

National Medical Board Exam: Part I, II, and III – Passed

ACADEMIC APPOINTMENTS

Faculty Appointments

2019-2021 Neuroscience Institute, Co-Medical Director
2019-2021 Chief Neurology Strategy Officer – PSF
2011-Present Professor of Neurology and Pediatrics, University of California, Irvine/CHOC Children’s
2011-2019 Division Chief, Pediatric Neurology, University of California, Irvine/CHOC Children’s
2011-2019 Director, Pediatric Comprehensive Epilepsy Program, CHOC Children’s
2011-2019 Program Director, Pediatric Clinical Neurophysiology Fellowship Program, University of California, Irvine
2011-2019 Program Director for Pediatric Neurology Residency Training Program, University of California, Irvine

2004-2011 Professor of Neurology and Pediatrics, Medical College of Wisconsin, Milwaukee, WI

2001-2004 Associate Professor of Neurology and Pediatrics, Medical College of Wisconsin, Wisconsin, WI

1999-2001 Associate Professor of Neurology and Pediatrics, Columbia University, College of Physicians and Surgeons of Columbia University, New York, NY

1998-1999 Associate Professor of Neurology and Pediatrics, New York University School of Medicine, New York, NY

1993-1998 Associate Professor of Neurology and Pediatrics, Mayo Medical School, Rochester, MN

1993-1998 Consultant, Department of Neurology, Sect of Child Neurology, Division of Epilepsy, Mayo Clinic, Rochester, MN

1991-1993 Associate Professor, Departments of Pediatrics and Neurology, University of Wisconsin Medical School, Madison, WI

1985-1993 Program Director for Residency Training in Child Neurology, University of Wisconsin Medical School, Madison, WI

1985-1991 Assistant Professor, Departments of Pediatrics and Neurology, Medical School, University of Wisconsin, Madison, WI

Other Professional Appointments/Positions

2011-Present Children's Hospital of Orange County, Orange CA
Nature of Affiliation: Full time staff
Medical Director, Neurology
Director, Pediatric Comprehensive Epilepsy Program

2001-2012 Children's Hospital of Wisconsin, Milwaukee, WI
Nature of Affiliation: Full time staff

2001-2011 Froedtert Hospital, Milwaukee, WI
Nature of Affiliation: Consultant

2001-2008 Children's Hospital of Wisconsin, Milwaukee, WI
Nature of Affiliation: Full time staff
Administrative Title: Chief, Division of Pediatric Neurology
Director, Pediatric Comprehensive Epilepsy Program

1999-2001 Columbia Presbyterian Medical Center, New York, New York
Nature of Affiliation: Full time staff
Administrative Title: Director, Pediatric Comprehensive Epilepsy Program, The Neurologic Institute of New York

- 1998-1999 St. Barnabas Medical Center, Livingston, NJ
Nature of Affiliation: Part-time staff
Administrative Title: Director, St. Barnabas Medical Center Pediatric Comprehensive Epilepsy Program
- 1998-1999 New York University Medical Center, New York, New York
Nature of Affiliation: Full time staff
Medical Title: Attending
Administrative Title: Director, NYU-Mt. Sinai Pediatric Comprehensive Epilepsy Program
- 1994-1998 Luther/Midelfort—Mayo Health System, Eau Claire, WI
Nature of Affiliation: Courtesy
- 1993-1998 St. Mary's/Methodist Hospital (Mayo Clinic), Rochester, MN
Nature of Affiliation: Full time staff
Medical Title: Attending
Administrative Title: Director, Pediatric Epilepsy Program
- 1985-1993 St. Mary's Hospital, Madison, WI
Nature of Affiliation: Staff
- 1985-1993 Meriter Hospital, Madison, WI
Nature of Affiliation: Staff
- 1985-1993 University of Wisconsin Hospitals and Clinics, Madison, WI
Director, Pediatric Neurology Fellowship Training Program

Administrative Appointments

- 2019-2021 Neuroscience Institute, Co-Medical Director
UCI Division Chief, Pediatric Neurology
Chief Neurology Strategy Officer - PSF
Professor, Department of Pediatrics and Neurology
University of California – Irvine
CHOC – Children's Hospital
- 2011-2019 Division Chief, Pediatric Neurology, CHOC Children's/ University of California, Irvine
Medical Director, Neurology
Director, Pediatric Comprehensive Epilepsy Program
Program Director, Clinical Neurophysiology Fellowship Program, University of California, Irvine/CHOC Children's
Program Director, Pediatric Neurology Residency Training Program, University of California, Irvine/CHOC Children's
- 2001-2011 Director, Pediatric Comprehensive Epilepsy Program

Program Director, Pediatric Clinical Neurophysiology Fellowship Program
Children's Hospital of Wisconsin, Milwaukee, WI
Medical College of Wisconsin, Milwaukee, WI

- 2001-2007 Co-Director, Clinical Neurophysiology Laboratory
Program Director, Residency Training in Child Neurology
Children's Hospital of Wisconsin, Milwaukee, WI
Medical College of Wisconsin, Milwaukee, WI
- 1999-2001 Director, Pediatric Comprehensive Epilepsy Program, Columbia Presbyterian
Medical Center, The Neurological Institute of New York, New York, New York
- 1998-1999 Director, Pediatric Comprehensive Epilepsy Program, New York University School
of Medicine, New York, NY
- 1993-1998 Director, Pediatric Section of The Division of Epilepsy, Mayo Clinic, Rochester, MN

Educational Administrative Positions

- 2011-2019 Director, Pediatric Comprehensive Epilepsy Program
Program Director, Pediatric Neurology Residency Program, University of California,
Irvine / CHOC Children's
Program Director, Pediatric Clinical Neurophysiology Fellowship Program, University of
California – Irvine / CHOC Children's
- 2001-2011 Director, Pediatric Comprehensive Epilepsy Program
Program Director, Pediatric Clinical Neurophysiology Fellowship Program
Children's Hospital of Wisconsin
Medical College of Wisconsin
- 2001-2007 Program Co-Director, Residency Training in Child Neurology, Medical College of
Wisconsin, Milwaukee, WI
- 1985-1993 Program Director for Residency Training in Child Neurology, University of Wisconsin
Medical School, Madison, WI

Hospital and Clinic Administrative Appointments

- 2019-2021 Neuroscience Institute, Co-Medical Director
UCI Division Chief, Pediatric Neurology
Chief Neurology Strategy Officer - PSF
Professor, Department of Pediatrics and Neurology
University of California - Irvine
CHOC – Children's Hospital
- 2011-2019 Division Chief, Pediatric Neurology, CHOC Children's/ University of California, Irvine
Director, Pediatric Comprehensive Epilepsy Program
Duties: Reorganization of division: mission statement, vision, strategic goals;
Reorganization of clinic and office; Reorganization of EEG lab
- 2001-2011 Director, Pediatric Comprehensive Epilepsy Program

Program Director, Pediatric Clinical Neurophysiology Fellowship Program
Children's Hospital of Wisconsin, Milwaukee, WI
Duties: Reorganization of division: mission statement, vision, strategic goals;
Reorganization of clinic and office; Reorganization of EEG lab

- 1999-2001 Director, Pediatric Comprehensive Epilepsy Program, Columbia Presbyterian Medical Center, The Neurological Institute of N.Y. Chief, Division of Pediatric Neurology
- 1999-1999 Director, Pediatric Comprehensive Epilepsy Program, St. Barnabas Medical Center, Livingston, NJ
- 1998-1999 Director, Pediatric Comprehensive Epilepsy Program, New York University School of Medicine, New York, NY
- 1993-1998 Director, Pediatric Section of The Division of Epilepsy, Mayo Clinic, Rochester, MN

Staff Hospital Privileges

- 2019-Present CHOC Children's, Orange CA
Nature of Affiliation: Full time staff
Administrative Titles:

Professor, Department of Pediatrics and Neurology
University of California - Irvine
- 2011-2019 CHOC Children's, Orange CA
Nature of Affiliation: Full time staff
Administrative Titles:
PSF Neurology Division Chief and Chief Strategy Officer
Medical Director of Neurology
Director of Pediatric Comprehensive Epilepsy Program
Director of Clinical Neurophysiology Laboratory
Program Director, Pediatric Neurology Residency Training Program
Program Director, Pediatric Clinical Neurophysiology Training Program
University of California, Irvine
- 2011-Present University of California, Irvine
Nature of Affiliation: Staff privileges
- 2011-Present CHOC Children's at Mission Hospital
Nature of Affiliation: Staff privileges
- 2001-2012 Children's Hospital of Wisconsin, Milwaukee, WI
Nature of Affiliation: Full time staff
- 2001-2011 Froedtert Hospital
Nature of Affiliation: Consultant

- 1999-2001 Columbia Presbyterian Medical Center, New York, New York
Nature of Affiliation: Full time staff
Administrative Title: Director, Pediatric Comprehensive Epilepsy Program, The Neurologic Institute of New York
- 1998-1999 St. Barnabas Medical Center, Livingston, NJ
Nature of Affiliation: Part-time staff
Administrative Title: Director, St. Barnabas Medical Center Pediatric Comprehensive Epilepsy Program
- 1998-1999 New York University Medical Center, New York, New York
Nature of Affiliation: Full time staff
Medical Title: Attending
Administrative Title: Director, NYU-Mt. Sinai Pediatric Comprehensive Epilepsy Program
- 1994-1998 Luther/Midelfort—Mayo Health System, Eau Claire, WI
Nature of Affiliation: Courtesy
- 1993-1998 St. Mary’s/Methodist Hospital (Mayo Clinic), Rochester, MN
Nature of Affiliation: Full time staff
Medical Title: Attending
Administrative Title: Co-Director, Pediatric Epilepsy Program
- 1985-1993 St. Mary’s Hospital, Madison, WI
Nature of Affiliation: Courtesy
- 1985-1993 Meriter Hospital, Madison, WI
Nature of Affiliation: Courtesy
- 1985-1993 University of Wisconsin Hospitals and Clinics, Madison, WI
Nature of Affiliation: Full time staff
Medical Title: Attending
Administrative Title: Director, Pediatric Neurology Fellowship Training Program

HONORS AND AWARDS

College

- 1974 *Phi Beta Kappa* National Honor Society
1974 *Phi Kappa Phi* National Honor Society
1974 *Mortar Board*, Senior Women's Honor Society and Service Organization
1973 *Crucible*, Junior Women's Honor Society, Honors Convocation Chair
1972 *Sigma Epsilon Sigma*, Sophomore Women's Honor Society
1971 “Outstanding Freshman Chemistry Award,” University of Wisconsin, Madison

Medical School

- 1979 “Janet M. Glasgow Award for Outstanding Academic Achievement”

(First in Class), American Medical Women's Association

1979 “Stafford L. Warren Medal for Outstanding Academic Achievement”
(First in Class), University of California, Los Angeles

1978 *Alpha Omega Alpha* Honor Medical Society

Teaching Awards

2005 Neurology Clinical Teaching Award, Medical College of Wisconsin, Milwaukee, WI

2003 Neurology Clinical Neurophysiology Teaching Award, Medical College of Wisconsin, Milwaukee, WI

2001 Physician of the Year Award, Columbia Presbyterian Hospital, Children’s Hospital of NY, New York, NY

1999 Clinical Teaching Award, Department of Pediatrics and Adolescent Medicine, NYU School of Medicine, New York, NY

1998 Clinical Teaching Award, Department of Pediatrics and Adolescent Medicine, Mayo Medical School, Rochester, MN

1990 Award for Outstanding Clinical Teaching, Department of Pediatrics, University of Wisconsin, Madison

Other Awards

2002-2011 Endowed Chair, Heidi Marie Bauman Chair of Epilepsy, Medical College of Wisconsin

2021 Child Neurology Society, Arnold P. Gold Humanism in Medicine Award

Public Recognition

1999-2019 “The Best Doctors in America”

1996-1998 “Outstanding Physicians in America,” American Health Journal

1994 “Outstanding Physician Award,” Wisconsin Epilepsy Association

1986 “Ten Outstanding Young Women in America”

Memberships in Professional and Honorary Societies

Elected/Appointed

Alpha Omega Alpha Honor Medical Society

Professors of Child Neurology

Board of Directors – Alternating Hemiplegia of Childhood Foundation

Board of Directors – Child Neurology Foundation

Councillor of West – Child Neurology Society

Board of Directors – National Association of Epilepsy Centers (NAEC)

Board of Directors – American Association of University Women (AAUW)

Member

American Medical Association

American Medical Women's Association

American Academy of Pediatrics

American Academy of Neurology

American Board of Pediatrics

American Board of Psychiatry and Neurology

Child Neurology Foundation

Child Neurology Society

American Epilepsy Society

Physicians for Social Responsibility

International Physicians for the Prevention of Nuclear War

Editorial or Other Boards

National Editorial Boards

National Tuberous Sclerosis Research Consortium---Invited reviewer, September 2019, 2020, and 2021. Invitation to continue on this committee

Editorial Boards

2004-Present Current Pediatric Review

1998-Present Family Practice Recertification Journal

1995-Present Pediatric Neurology (Journal)

Ad Hoc Reviewer

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|--------------|----------------------------|
| 2007-Present | Journal of Child Neurology |
| 1999-Present | Neurology |
| 1997-Present | Epilepsia |
| 1996-Present | Journal of Epilepsy |
| 1996-Present | Headache Journal |

RESEARCH

Grants

Title: *Efficacy of Felbamate in the Lennox-Gastaut Syndrome*
 Role: Co-Investigator; Awarded by LGS Foundation
 Dates: 2019-2022
 Award: \$75,000

Title: *Mickie's Miracles*
 Role: Secured Donor Gift
 Dates: Spring 2019-Present
 Award: \$1.25 million endowment to CHOC Neuroscience over 5 years

Title: *One Wish Grant to establish CHOC Transition Program*
 Role: Principal Grant Writer
 Dates: Spring 2019-Present
 Award: \$136,000

Title: *Outcomes of Patients with Infantile Spasms treated with ACTHar gel. Or Acthar Gel*
 Role: Investigator initiated research – Mallinckrodt Pharma
 Dates: January 2018-Present
 Award: \$150,000

Title: *Thompson Award for Autism Center*
 Role: Collaboration with multiple partners at CHOC, especially Dr. Maria Minon
 Dates: 2018-Present
 Award: \$10 million

Title: *Anonymous Donor Grant for Epilepsy Center*
 Role: Principal Grant Writer / Principal Investigator
 Dates: 2012-2017
 Award: \$2.5 million over 5 years
 Source: CHOC Children's Hospital of Orange County

Title: *Increasing Access & Awareness of Epilepsy in Underserved Populations in Wisconsin*

Role: *Wisconsin Seizure Control Network*
Principal Investigator
Dates: 2005-2008
Award: \$250,000 per year for 3 years
Source: Department of Health and Human Services

Title: *Functional MRI Of Human Brain Language Systems*
Role: Co-Investigator (PI: Jeffrey R. Binder, M.D.)
Dates: 2002-2011
Source: NIH/NINDS

Title: *Genetics of Epilepsy: Genetic Epidemiology of Familial Epilepsy*
Role: 5% Effort (PI: Ruth Ottman, PhD)
Dates: 1999-2001
Source: NICHD

Title: *Epidemiology of Brain Abnormalities in Febrile Seizures*
Role: 10% Effort (PI: Dale Hersdorffer, PhD and Allen Hauser, MD)
Dates: 1999-2001
Source: NICHD #1RO1HD36867

Title: *Childhood Guillain-Barré Syndrome*
Role: 5% Effort-Co-investigator (PI: JF Mellinger, MD)
Dates: 1997-1998
Source: NIH Grant

Title: *Status Epilepticus Study*
Role: 5% Effort (PI: David Treiman, MD)
Dates: 1989-1993
Source: NIH

Current Research

Title: [1196916-6] 180212 Preventing Epilepsy Using Vigabatrin in Infants with Tuberous Sclerosis Complex (PREVeNT Trial). A randomized, double blind, placebo-controlled seizure prevention clinical trial for infants with Tuberous Sclerosis Complex (TSC)
Role: Principal Investigator

Title: [1425121-3] 190558 Epilepsy Adherence in Children and Technology (eACT)
Role: Co-Investigator

Title: [1384139-2] 190333 - Reasons for Vaccine Hesitancy Among Parents of Children with Seizure Disorders
Role: Co-Investigator

Title: [1287093-1] 180640 - A Multi-Centered Examination of Pediatric Epilepsy Surgery Evaluation in the United States
Role: Co-Investigator

Title: [1240487-1] 180531- Flunarizine (Sibelium) for the Treatment of Alternating Hemiplegia of Childhood
Role: Principal Investigator

Title: [1203283-1] IRB # 180214-A pilot study to assess the effects of treating sub-clinical seizures and the impact of treatment on neurodevelopmental outcomes and mitigating intraventricular hemorrhages in premature infants.
Role: Co-Investigator

Title: [1074106-7] 170538: A Multicenter, Randomized, Double-blind, Parallel Group, Placebo controlled Trial of Two Fixed Doses of ZX008 (Fenfluramine Hydrochloride) Oral Solution as and Adjunctive Therapy in Children and Young Adults with Dravet Syndrome
Role: Principal Investigator

Title: [936681-1] 160773 - Efficacy of felbamate in children with medically refractory epilepsy
Role: Co-Investigator

Title: [932917-9] 160762 - Prospective Study of Early Treatment Response & Outcome Prediction in Infantile Spasms
Role: Co-Investigator

Title: [890759-2] 160333 - INS011-15-054: A Phase 2 Study to Assess the Efficacy and Safety of Cannabidiol Oral Solution for the Treatment of Refractory Infantile Spasms
Role: Principal Investigator

Title: [865306-8] IRB #150853 Seizures & Neurodevelopmental Outcomes in MHCPB
Role: Co-Investigator

Title: [764925-14] 150535 Cognitive Training to Promote Neuroplasticity and Neural Re-Circuitry in Chemotherapy-Associated Cognitive Impairment: A Pilot Study
Role: Co-Investigator

Title: [678590-10] 140781-Quantitative Biomarkers of Hypsarrhythmia for the Diagnosis of Infantile Spasms
Role: Co-Investigator

Title: [553111-6] 1311112 Infantile Spasms Multicenter Database
Role: Principal Investigator

Title: [549026-11] 1312119 Ketogenic Diet as a Complementary Metabolic Therapy in Pediatric Recurrent/Refractory Solid Tumors including Central Nervous System (CNS) Tumors
Role: Co-Investigator

Title: [537812-6] Stiripentol (Diacomit) for the treatment of Dravet Syndrome - IRB

#1310101
Role: Principal Investigator

Title: [510556-1] Epilepsy Surgery Outcomes in Children and Adolescents an Institutional Study at Children’s Hospital of Orange County (CHOC)
Role: Principal Investigator

Title: [510430-1] Health Outcomes of Patients with Infantile Spasms treated with Adrenocorticotrophic Hormone ACTH: A five-year Longitudinal Study
Role: Principal Investigator

Title: [1216195-1] 180320: An Open-Label Extension Trial to Assess the Long-Term Safety of ZX008 (Fenfluramine Hydrochloride) Oral Solution as an Adjunctive Therapy in Children and Young Adults with Dravet Syndrome
Role: Co-Investigator

Previous Research at CHOC

Title: [1164953-1] 1711137: A Two-Part Study of ZX008 in Children and Young Adults with Lennox-Gastaut Syndrome (LGS); Part 1: A Randomized, Double-blind, Placebo-controlled Trial of Two Fixed Doses of ZX008 (Fenfluramine Hydrochloride) Oral Solution as Adjunctive Therapy for Seizures in Children and Adults with LGS, Followed by Part 2: An Open-label extension to Assess Long-Term Safety of ZX008 in Children and Adults with LGS
Role: Principal Investigator

Title: [1146570-2] 1710119: A 12-Month Open-Label, Repeat-Dose Safety Study of NRL-1 in Epilepsy Subjects
Role: Principal Investigator

Title: [731281-5] 150108 - INS011-14-030: A multicenter, open-label, flexible dose study to assess the long-term safety of pharmaceutical Cannabidiol Oral Solution as an adjunctive treatment for pediatric and adult subjects with a treatment-resistant seizure disorder who complete INS011-14-029, INS011-14-024, or INS011-14-025
Role: Principal Investigator

Title: [725065-6] 150107- INS011-14-025: A multicenter, randomized, double-blind, placebo-controlled, interventional study to assess the safety and efficacy of pharmaceutical Cannabidiol Oral Solution as an adjunctive therapy for treatment of subjects with inadequately controlled Dravet Syndrome
Role: Principal Investigator

Title: [724868-6] 1412135- An Open-Label, Safety and Tolerability Study of Chronic Intermittent Use of Diazepam Nasal Spray in Adolescents and Adults with Cluster Seizures-DZNS-EP-1025
Role: Principal Investigator

Title: [716860-6] 150106- INS011-14-024: A multicenter, randomized, double-blind, placebo-

controlled, interventional study to assess the safety and efficacy of pharmaceutical cannabidiol as an adjunctive therapy for treatment of subjects with inadequately controlled Lennox-Gastaut Syndrome
Role: Principal Investigator

Title: [715732-3] 140897- 14362B (CLOVER B): Multi-site, prospective, open-label, long-term, flexible dose, interventional study to evaluate the safety and tolerability of clobazam as adjunctive therapy in pediatric patients aged 1 to 16 years with Dravet Syndrome
Role: Principal Investigator

Title: [683202-3] 140108: USL-P261-301-A Randomized, Double-Blind, Placebo Controlled Trial -Examining the Safety and Efficacy of Midazolam Intranasal Spray (USL261) for the treatment of Intermittent Bouts of Increased Seizure Activity in the Epilepsy Monitoring Unit (EMU)
Role: Principal Investigator

Title: [662365-5] 140896-14362A (CLOVER A)-Multi-site, prospective, randomized, double-blind, placebo-controlled, parallel-group, interventional study to evaluate the efficacy, safety, and tolerability of clobazam as adjunctive therapy in pediatric patients aged 1 to 16 years with Dravet Syndrome
Role: Principal Investigator

Title: [633752-2] National Validation of the PedsQL-Epilepsy Module
Role: Co-Investigator

Title: [493849-1] 130770 Does treatment of neonatal hypoxic ischemic encephalopathy with hypothermia reduce the risk of long-term seizures?
Role: Co-Investigator

Title: [394325-13] 121008 A three-arm, randomized, double-blind, placebo-controlled study of the efficacy and safety of two trough-ranges of everolimus as adjunctive therapy in patients with tuberous sclerosis complex (TSC) who have refractory partial-onset seizures
Role: Principal Investigator

Previous Research

Title: *A Multi-Center Study of Idiopathic Generalized Epilepsy*
Source: Columbia University
Role: Principal Investigator
Dates: 2007-2011

Title: *Double-Blind, Placebo-Controlled, Efficacy and Safety Study of Clobazam (0.25, 0.5 and 1.0 Mg/Kg/Day) In Patients with Lennox-Gastaut Syndrome*
Source: Ovation Pharmaceuticals
Role: Principal Investigator
Dates: 2007-2011

Title: *Childhood Absence Epilepsy Study—Multicenter Trial*
 Source: NIH
 Role: Co-Investigator
 Dates: 2007-2011

Title: *An Open-Label Clinical Study to Evaluate the Safety and Antiepileptic Activity of Ganaxolone In the Treatment of Patients Diagnosed with Infantile Spasms*
 Source: Marinus Pharmaceuticals
 Role: Principal Investigator
 Dates: 2007-2009

Title: *A Double-Blind, Placebo-Controlled, Dose-Ranging Study to Evaluate the Safety, Tolerability, And Antiepileptic Activity of Ganaxolone In Treatment of Patients With Infantile Spasms*
 Source: Marinus Pharmaceuticals
 Role: Principal Investigator
 Dates: 2007-2009

Title: *High Dose Cyclophosphamide for The Treatment of Rasmussen’s Syndrome: A Pilot Study*
 Role: Principal Investigator at Medical College of Wisconsin; joint study with Dr. Eileen Vining at Johns Hopkins University
 Dates: 2005-2009

Title: *Safety and Effectiveness of Open-Label Clobazam In Subjects with Lennox Gastaut Syndrome*
 Source: Ovation Pharmaceuticals
 Role: Principal Investigator
 Dates: 2005-2011

Title: *Increasing Access & Awareness of Epilepsy in Underserved Populations*
 Source: Department of Health and Human Services, 3 years \$250,000/year
 Role: Principal Investigator
 Dates: 2005-2008

Title: *Use of Cytoxan In the Treatment of Rasmussen’s Syndrome*
 IRB: Pending
 Source: No outside funding
 Role: Principal Investigator
 Dates: 2005-2009

Title: *The Use of SISCO In the Evaluation of Children with Refractory Epilepsy*
 IRB: 498-04
 Source: No outside funding
 Role: Principal Investigator
 Dates: 2005-2011

Title: *An Open-Label Evaluation of Lamictal (Lamotrigine) Monotherapy for The*

Treatment of Newly-Diagnosed Typical Absence Seizures in Children and Adolescents

IRB: 497-04
Source: GlaxoSmithKline Pharmaceutical Company
Role: Co-Investigator
Dates: 2005-2008

Title: *A Pilot Study of Topiramate In Childhood Absence Epilepsy*

IRB: 058-05
Source: Ortho-McNeil Pharmaceutical Company
Role: Co-Investigator
Dates: 2005-2008

Title: *A Double-Blind, Randomized, Multi-Center, Placebo-Controlled, Inpatient, Maximum 34-Day Study of Levetiracetam Oral Solution (20-50mg/Kg/Day) As Adjunctive Treatment of Refractory Partial Onset Seizures in Pediatric Epilepsy Patients*

IRB: 361-04
Source: UCB Pharma
Role: Co-Investigator
Dates: 2004-2008

Title: *Quality of Life in Children with Epilepsy: What Constellation of Factors is Important? Proposal for the Development of a Multi-Site Longitudinal Study: A Pilot Study*

IRB: 569-04
Source: Child Neurology Foundation
Role: Co-Investigator
Dates: 2004-2008

Title: *A Multi-Center, Open-Label, Long-Term Follow Up Study of The Safety and Efficacy of Levetiracetam In Children with Partial Onset Seizures*

IRB: 362-04
Source: UCB Pharma
Role: Co-Investigator
Dates: 2004-2008

Title: *A 19-Week, Randomized, Double-Blind, Multi-Center, Placebo-Controlled Safety Study to Evaluate the Cognitive and Neuropsychological Effects of Levetiracetam 20-60mg/Kg/Day, Divided in Twice Daily Dosing, As Adjunctive Treatment in Children 4-16 Years*

IRB: 360-04
Source: UCB Pharma
Role: Co-Investigator
Dates: 2004-2008

Title: *An Open-Label, Long-Term Safety Study of Zonisamide As Adjunctive Therapy*

Source: *in Children with Partial Seizures*
 Elan Pharmaceutical
 Role: Co-Investigator
 Dates: 2003-2004

Title: *A Double-Blind, Randomized, Multicenter, Parallel Group Study of the Safety and Efficacy of Zonisamide 5mg/Kg/Day Vs. 12mg/Kg/Day as Adjunctive Therapy in Children with Partial Seizures*
 Source: Elan Pharmaceutical
 Role: Co-Investigator
 Dates: 2003-2004

Title: *Pediatric Epilepsy Database*
 Source: GlaxoSmithKline, \$12,000
 Role: Development of Database and Midwestern Pediatric Epilepsy Consortium
 Dates: 2002-2011

Title: *Neurological Monitoring of Pediatric Patients Following High Risk Surgical Procedures*
 Source: Children's Hospital of New York
 Role: 5% Effort-Co-investigator (PI: P Trinkaus, MD)
 Dates: 1999-2001

Title: *Open Label Dose Titration Assessment of The Use of a Slow, Low Dose Titration Schedule of Zonegram (Zonisamide)*
 Source: Elan Pharmaceutical
 Role: 5% Effort (PI: Mary Zupanc, MD)
 Dates: 1999-2001

Title: *Assessing the Safety and Efficacy of Diastat For the Treatment of Febrile Seizures*
 Source: Elan Pharmaceutical
 Role: 5% Effort (PI: Mary Zupanc, MD)
 Dates: 1999-2001

Title: *Epidemiology of Brain Abnormalities in Febrile Seizures*
 Source: NICHD #1RO1HD36867
 Role: 10% Effort (PI: Dale Hersdorffer, PhD and Allen Hauser, MD)
 Dates: 1999-2001

Title: *Lamotrigine Drug Study-Multicenter Double-Blinded Study of The Efficacy and Safety of Lamotrigine Monotherapy in Patients with Partial Seizures*
 Source: GlaxoSmithKline Pharmaceutical
 Role: 5% Effort (PI: Mary Zupanc, MD)
 Dates: 1998-2001

Title: *SPECT Scan Imaging in The Pre-Surgical Evaluation of Children with*

Intractable Epilepsy
 Source: KIDS Foundation
 Role: 25% Effort (PI: Mary Zupanc, MD)
 Dates: 1998-1999

Tiagabine Drug Study
 Role: 5% Effort-Co-investigator (PI: Elson So, MD)
 Dates: 1995-1997

Multiple Compassionate Use of Flunarizine For Patients with Alternating Hemiplegia of Childhood
 Source: University of Wisconsin, Madison
 Role: 10% Effort (PI: Mary Zupanc, MD)
 Dates: 1993-1998

Topiramate Drug Study
 Source: Ortho-McNeil Pharmaceutical
 Role: 5% Effort (PI: Mary Zupanc, MD)
 Dates: 1993-1995

IND: Gabapentin for Intractable Pediatric Epilepsy
 Source: FDA
 Role: 5% Effort (PI: Mary Zupanc, MD)
 Dates: 1993

IND: Felbamate For Intractable Pediatric Epilepsy
 Source: FDA
 Role: 5% Effort (PI: Mary Zupanc, MD)
 Dates: 1992-1993

IND: 5-Hydroxy tryptophan For Treatment of Anoxic Myoclonus
 Source: FDA
 Role: 5% Effort (PI: Mary Zupanc, MD)
 Dates: 1989-1999

IND: Flunarizine For Treatment of Alternating Hemiplegia
 Source: FDA
 Role: 10% Effort (PI: Mary Zupanc, MD)
 Dates: 1989-1998

Magnetoencephalography and Biomagnetism Project
 Source: University of Wisconsin, Madison
 Role: 20% Effort (PI: Jon Cameron, PhD)
 Dates: 1985-1992

PUBLICATIONS

Original Peer Reviewed Articles

1. Zupanc ML, Mink J, Tilton A et al. More than the Sum of our RVUs: Child Neurology in the 21st Century. *Neurology* 2020; 94:1-8. Doi: 10.1212/WNL.00000000000008784.
2. Varni J, Kellerman T, Mucci G, **Zupanc ML** et al. Peds QL Cognitive Functioning Scale in Youth with Epilepsy: Reliability and Validity. Submitted to *Epilepsy and Behavior*. October 2019.
3. Wagner JL, Mueller, Mucci G, M, **Zupanc ML**, et al. Vulnerabilities to antiepileptic drug (AED) side effects in youth with epilepsy. *Epilepsy Behav.* 2019 June 7; 97:22-28.
4. Shih, JJ, **Zupanc ML**, Fountain N, et al. Indications and Methodology for Video-Electroencephalographic Studies in the Epilepsy Monitoring Unit. *Epilepsia* 2018 Jan; 59(1):27-36. DOI: 10.1111/epi.12938. Epub 2017 Nov. Review.
5. **Zupanc ML**, Taraman S, Tran LH, et al. Cost Effectiveness of Multidisciplinary Team Approach in Intractable Epilepsy Patients. Paper submitted to *Epilepsia*.
6. Modi, AC, Mucci GA, **Zupanc ML**, et al. Validation of the PedsQL Epilepsy Module: A pediatric epilepsy-specific health-related quality of life measure. *Epilepsia* 2017: 1-11.
7. Marcuccilli C, **Zupanc ML**. Pharmacogenetics in Pediatric Population. Pending publication in *New England Journal of Medicine* 2017.
8. **Zupanc, ML**, Cnaan A, Shinnar S, Arya R, Adamson PC, Clark PO, Dlugos D, Hirtz DG, Masur D, Glauser TA; Childhood Absence Epilepsy Study Group. 2017. Second monotherapy in childhood absence epilepsy.
9. **Zupanc ML** and Tran LH. Neurocognitive Co-Morbidities in Pediatric Epilepsy: Lessons in the Laboratory and Clinical Profile. *Seminars in Pediatric Neurology* 2017 Nov; 24(4):276-281. Epub 2017 Oct 6.
10. **Zupanc, ML**, Shinnar RC, Shinnar S, Cnaan A, Clark P, Dlugos D, Hirtz DG, Hu F, Liu C, Masur D, Weiss EF, Glauser TA; Childhood Absence Epilepsy Study Group. Pretreatment behavior and subsequent medication effects in childhood absence epilepsy. *Neurology*. 2017 Oct 17;89(16):1698-1706. Epub 2017 Sep 15.
11. Modi AC, Junger KF, Mara CA, Kellermann T, Barrett L, Wagner J, Mucci GA, Bailey L, Almane D, Guilfoyle SM, Urso L, Hater B, Hustzi H, Smith G, Herrmann B, Perry MS, **Zupanc ML**, Varni JW. Validation of the PedsQL Epilepsy Module: A pediatric epilepsy-specific health-related quality of life measure. *Epilepsia*. 2017 Nov;58(11):1920-1930. doi: 10.1111/epi.13875. Epub 2017 Sep 13.
12. Rosewich H, Sweney MT, DeBrosse S, Ess K, Ozelius L, Andermann E, Andermann F, Andrasco G, Belgrade A, Brashear A, Ciccociola S, Egan L, George AL Jr, Lewelt A, Magelby

- J, Merida M, Newcomb T, Platt V, Poncelin D, Reyna S, Sasaki M, Sotero de Menezes M, Sweadner K, Viollet L, **Zupanc ML**, Silver K, Swoboda K. Research conference summary from the 2014 International Task Force on *ATPIA3*-Related Disorders. *Neurol Genet*. 2017 Mar 2;3(2):e139. eCollection 2017 Apr.
13. Veenstra A, **Zupanc ML**, et al. The Impact of Bilingualism on the Working Memory in Pediatric Epilepsy. *Epilepsy and Behavior*; 2016: 6-10.
 14. Knupp K and the Pediatric Epilepsy Research Consortium (**Zupanc ML**, et al). Response to Treatment in a Prospective National Infantile Spasms Cohort. *Ann Neurol* 2016; 79:475-484.
 15. Brown L, **Zupanc ML**, et al. The neurologist's role in supporting transition to adult health care. *Neurology* August 23, 2016 vol. 87 no. 8 835-840.
 16. **Zupanc, ML**, Arya R, Gillespie CW, Cnaan A, Devarajan M, Clark P, Shinnar S, Vinks AA, Mizuno K, Glauser TA; Childhood Absence Epilepsy Study Group. Obesity and overweight as CAE comorbidities and differential drug response modifiers. *Neurology*. 2016 Apr 26;86(17):1613-21. Epub 2016 Mar 30.
 17. **Zupanc, ML**, Shinnar S, Cnaan A, Hu F, Clark P, Dlugos D, Hirtz DG, Masur D, Mizrahi EM, Moshé SL, Glauser TA; Childhood Absence Epilepsy Study Group. Long-term outcomes of generalized tonic-clonic seizures in a childhood absence epilepsy trial. *Neurology*. 2015 Sep 29;85(13):1108-14. Epub 2015 Aug 26.
 18. **Zupanc ML**, Tran, LH. "Considerations For The Long-Term Treatment Of Tuberous Sclerosis Complex Patients with Everolimus." *Pediatr Neurol*. 2015 Jul;53 (1):23-30. doi:10.1016/j.pediatrneurol.2014.10.024.
 19. O'Connor S, **Zupanc ML**, et al. "Treatment of Status Epilepticus with Ketogenic Diet." *Pediatr Neurol*. 2014 Jan;50(1):101-3. Epub 2013 Nov 25.
 20. Swoboda K, Viollet L, **Zupanc ML**, et al. Alternating Hemiplegia of Childhood: Retrospective Genetic Study and Preliminary Genotype-Phenotype Correlations in 187 subjects from the US AHCF registry. Pending publication in *Nature Genetics*.
 21. Wagner JL, Levisohn PM, Onufer CN, Uchegbu GC, Fletcher L, **Zupanc ML**, Browne M. Project Access: Strategies to improve care for children and youth with epilepsy: illustrations of recommendations in the IOM report on the epilepsies. *Epilepsy Behav*. 2013 Oct;29 (1):121-7.
 22. Lin JS, Lew SM, Marcuccilli CJ, Mueller WM, Matthews AE, Koop JI, **Zupanc ML** (Senior Author.) Corpus callosotomy in multistage epilepsy surgery in the pediatric population. *J Neurosurg Pediatr* 2011 Feb; 7(2):189-200.
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25. **Zupanc ML**, dos Santos Rubio EJ, Werner R, Schwabe M: Epilepsy Surgery Outcomes – Quality of Life and Seizure Control at Children’s Hospital of Wisconsin. *Pediatr Neurol* 2010; 42:12-20.
26. **Zupanc ML**. Clinical evaluation and diagnosis of severe epilepsy syndromes of early childhood. *J Child Neurol* 2009 Aug; 24(8Suppl):6S-14S
27. Wheless, JW, Carmant, L, Bebin, M, Conry, JA, Chiron, C, Elterman, RD, Frost, M, Paolicchi, JM, Shields, W, Thiele, EA, **Zupanc, ML**, Collins, SD: Magnetic Resonance Imaging Abnormalities Associated with Vigabatrin in Patients with Epilepsy. *Epilepsia*, 2009; 50(2): 195-205.
28. **Zupanc, ML**. Antiepileptic Drugs and Hormonal Contraceptives in Adolescent Women with Epilepsy. *Neurology* 2006, 66 (Suppl 3): S37-S45.
29. Pellock, JM, Faught, E, Leppik, IE, Shinnar, S, **Zupanc, ML**. Felbamate: Consensus of Current Clinical Experience. *Epilepsy Research* 2006, 71: 89-101.
30. **Zupanc ML**: The first seizure in childhood-Don’t just do something, stand there! *Neurology*, 2005; 64(5): 774-775.
31. Meador, KJ, **Zupanc, ML**: Neurodevelopment Outcomes of Children born to mothers with epilepsy. *Cleveland Clinic Journal of Medicine*, 2004; 71 Suppl 2: S38-41.
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33. **Zupanc, ML**: Infantile Spasms: Expert Opinion on Pharmacotherapy, 2003; 4(11): 2039-2048.
34. **Zupanc, ML**: Emergency Management of Status Epilepticus. *Family Practice Recertification Journal* 2002; 24(8): 57-64.
35. **Zupanc, ML**: Treatment of Infantile Spasms. In: *Current Treatment Options In Neurology*, May 2001; 3(3): 289-300.
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37. Axelrod, FB, **Zupanc, ML**, Hilz, MJ, and Kramer, EL: Ictal SPECT during crisis in Familial Dysautonomia. *Neurology* 2000; 55: 122-125.
38. Goldsmith, IL and **Zupanc, ML**: Long Term Seizure Outcome in patients with Lennox-Gastaut Syndrome. *Epilepsia* 2000; 41(4): 395-399.
39. Mikati, MA, Kramer, U, **Zupanc, ML**, Shanahan, RJ. Alternating hemiplegia of childhood: clinical manifestations and long-term outcome. *Pediatric Neurology* 2000; 23(2): 134-41.

40. Koehn, M and **Zupanc, ML**: Unusual Presentations of Rasmussen's Syndrome. *Pediatric Neurology* 1999; 21: 839-842.
41. O'Brien, TJ, **Zupanc, ML**, Mullan, BP, O'Conner, MK, Brinkman, B.H. Cicora, KM, and So, EL: The Practical Utility of Performing Peri-ictal SPECT in the evaluation of Children with Partial Epilepsy. *Pediatric Neurology*, 1998; 19: 15-25.
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48. Kienzle, GD, Breger, RK, Chun, RW, **Zupanc, ML**, Sackett, JF, et al: Sydenham's chorea: MRI manifestations in two cases. (see comments). *Ajnr: Am. J of Neuroradiology*, 1991; 12: 73-76.
49. **Zupanc, ML**, Dobkin, JD, and Perlman S: The use of SPECT Brain Imaging in Children with Alternating Hemiplegia. *Pediatric Neurology*, 1991; 7: 35-38.
50. **Zupanc, ML**, Handler, EG, Levine RL, et al: Rasmussen's Encephalitis: Epilepsia Partialis Continua Secondary to Chronic Encephalitis. A Case Study with Magnetic Resonance Imaging and Positron Emission Tomography: A review of the literature. *Pediatric Neurology*, 1990; 6: 397-401.
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52. DiMauro, S, Moraes, C, **Zupanc, ML**, et al: Mitochondrial DNA Deletions in Progressive External Ophthalmoplegia and Kearns-Sayre Syndrome. *New England Journal of Medicine*,

1989; 320: 1293-1299.

53. **Zupanc, ML** and Sutula, TP: Status Epilepticus, Part II: Management. Family Practice Recertification 1987; 9: 62-86.
54. **Zupanc, ML** and Sutula, TP: Status Epilepticus, Part I: Diagnosis. Family Practice Recertification 1987; 9: 25-36.

Chapters

1. Zupanc ML. Progressive Myoclonic Epilepsy. Cerebellum 2018 and 2020.
2. Zupanc ML and Tran LH. Antiepileptic Drugs—Adverse Idiosyncratic Drug Effects. Antiepileptic Drug Therapy 2018. Ed. Erik St.-Louis. In press.
3. Zupanc ML. Sports and Epilepsy. Chapter in DeLee and Drez Orthopedic Sports Medicine 2018.
4. Zupanc ML, Tran LH, and Mower A. Pediatric Epilepsy Surgery. Chapter 78. In Pediatric Neurology: Practice and Principles. Eds. Swaiman, Pearl, Ashwal, Ferriero, Schor. 2017
5. **Zupanc, ML**, Tran, L, Mower, A. Pediatric Epilepsy Surgery. In: Pediatric Neurology. K. Swaiman, A. Ashwal, D. Ferriero, N. Schor, editors. Mosby, Inc.1999, revised 2006, 2010, 2014, 2018.
6. **Zupanc ML**, McGlodrick P, and Wolf SM. New Onset Partial Epilepsy in Adolescence. Controversies in Caring for Women with Epilepsy—Sorting Through the Evidence. Eds. Hayden C and Sazgar M. 2016.
7. Otallah SI, **Zupanc, ML**, Goodkin, HP: Sports and Epilepsy. In: DeLee & Drez Orthopedic Sports Medicine, 4e. 2014. Elsevier 2016.
8. **Zupanc ML**, Legros B. Progressive Myoclonic Epilepsy. Cerebellum, 2004 and 2012;3(3):156-71.
9. **Zupanc, ML**. Epilepsy in Women: Special considerations for adolescents. International Review of Neurobiology. 2008; 83:91-111.
10. **Zupanc, ML**: Treatment of Epilepsy in Infancy and Childhood. In: Neurology Therapeutics. John Noseworthy, ed, 2003 and 2007.
11. **Zupanc, ML**: Epilepsy in Infancy and Childhood. In: Conn's Current Therapy, 2001 and 2007. Harcourt Health Sciences Publications, Philadelphia, PA 918-928.
12. **Zupanc, ML**: Epilepsy and Sports Participation. In: Orthopedic Sports Medicine: Principles and Practice. David Drez, Jr., MD, Editor. W.B. Saunders Co., 1993, 2000, 2007.
13. Joseph, SA and **Zupanc, ML**: Cerebrovascular Diseases. In: Gellis & Kagan's Current Pediatric Therapy, 2005. Elsevier Science

14. **Zupanc, ML:** Pediatric Neurology. In: Educational Review Manual in Pediatrics, 3rd Edition; 2002, 2005.
15. **Zupanc, ML:** Neonatal Seizures. Pediatric Clinics of North America, 2004; 51(4): 961-78.
16. **Zupanc, ML:** Neurocutaneous Disorders of Childhood. In: Gellis & Kagan's Current Pediatric Therapy, 2002. Elsevier Science 441-446.
17. **Zupanc, ML:** Cerebrovascular Diseases. In: Gellis & Kagan's Current Pediatric Therapy, 2002. Elsevier Science 463-466.
18. **Zupanc, ML:** Early Onset Epilepsy. In: Contributor to Pediatric Neurology. Continuum: Lifelong learning in Neurology, American Academy of Neurology, Lippincott Williams & Wilkins, Philadelphia, PA. Sept. 1999
19. **Zupanc, ML:** Spirochetal and Rickettsial Diseases. In: Principles of Child Neurology. Bruce Berg, MD, Editor. McGraw Hill, 1996, pg. 797-820.
20. **Zupanc, ML,** Perlman, SB, Rust RS: Single Photon Emission Computed Tomography Studies in Alternating Hemiplegia of Childhood. Alternating Hemiplegia of Childhood. Frederick Andermann, MD, Jean Aicardi, MD, and Federico Vigevano, MD, Editors. Raven Press, 1994, pg. 99-108.
21. **Zupanc, ML** and Chun, RWM: Spirochetal and Rickettsial Diseases. In: Neurological Manifestations of Pediatric Infectious Diseases. Bruce Berg, MD, Editor. Butterworth Publishing, 1992, pg. 285-298.
22. **Zupanc, ML:** "Madame Klumpke. In: Founders of Child Neurology. Stephen Ashwal, MD, Editor, Normal Publishing, 1990, pg. 215-220.

Non-Peer Reviewed Published Articles

1. **Zupanc, ML** US News, One Family's Journey to Overcome Epilepsy, Oct. 31, 2016
2. **Zupanc, ML.** Case Study: Surgical Treatment of Refractory Seizures in a Child with a History of AVM and Intracranial Hemorrhage. Neurology Advisor, December 2015.
3. **Zupanc, ML.** New York Times article re: my experience as a patient undergoing brain surgery (Summer 2015).
4. **Zupanc, ML:** Felbamate: Update in Treatment of Pediatric Epilepsy. Exceptional Parent Magazine, 2003.
5. **Zupanc, ML:** Advances in the Treatment of Pediatric Epilepsy. Exceptional Parent Magazine. October 1999:66-69.
6. **Zupanc, ML:** Caring for the patient. Pharos, Alpha Omega Alpha Honor Medical Society. 1997;

60(3): 48.

7. **Zupanc, ML** and Cascino, G: Epilepsy Surgery for Medically Intractable Seizure Disorders. Mayo Clinic Update, Fall 1994.
8. **Zupanc, ML**: Physicians' Role in the Prevention of Nuclear War. Lancet, 1989, Vol. 1, No. 8628:48.

Abstracts

Presented and Published

1. **Zupanc, ML**. Time to Referral for Epilepsy Surgery Evaluation is Longer in Older Children with Intractable Epilepsy – A Potential Opportunity for Improvement. Accepted for Poster Section Dec. 7, Poster #1.346. Will be presented as part of Pediatric Highlights Session, Dec. 9. American Epilepsy Society, Dec. 2019.
2. **Zupanc, ML**. Characteristics of Patients Referred for Pediatric Epilepsy Surgery Evaluation in the US: Early Findings from the Pediatric Epilepsy Research Consortium (PERC) Epilepsy Surgery Subgroup. Accepted for Poster Session Dec.7, Poster #1.353. American Epilepsy Society, Dec. 2019.
3. Segal, A, Allen, J, **Zupanc, ML**, Mucci, G. (2018). Progressive Neurological Deficit: A Case Study of Presumed Rasmussen's Encephalitis. Power presented at the American Academy of Pediatric Neuropsychology Annual Conference, April 2018, Las Vegas, NV.
4. Dhar VJ, **Zupanc ML**. Neurodevelopment Evaluation of Outcomes in Selective Body Cooling vs. Whole Body Cooling in the Treatment of Hypoxic-Ischemic Encephalopathy in Neonates. Presented at Neonatal Conference in San Francisco. Spring 2017.
5. **Zupanc ML**, Tran L, Mower A, et al. Cost Effectiveness of Multi-Disciplinary Team Approach in Intractable Epilepsy Patients. Cleveland Clinic Foundation International Epilepsy Symposium - October 2014 and American Epilepsy Society - December 2014. Represented 2015.
6. L.E. Barrett, A. Veenstra, A. Alpern, G. Mucci, J. Romain, **ML. Zupanc** & J. Lin. Age of Diagnosis Impacts Lateralization Profile in Pediatric Focal Epilepsy. American Epilepsy Society, 2015.
7. Mucci G, Kulzer R, Romain J, Hamilton A, **Zupanc ML**, & Lin JJ. Abstract publication on the Journal of Pediatric Neuropsychology, Vol. 1. The pediatric intracarotid amygdalotomy procedure (PIAP). Poster presented at the 1st Annual Meeting of the American Academy of Pediatric Neuropsychology, Chicago, IL, 2014
8. Mucci G, **Zupanc ML**, Lin, J, et al. Memory in Monolingual and Bilingual Pediatric Epilepsy Patients. Poster presented at American Epilepsy Society, Seattle 2014.
9. Mucci G, **Zupanc ML**, Lin J, et al. Executive Functioning in Monolingual and Bilingual Pediatric Epilepsy Patients. Poster presented at American Epilepsy Society, Seattle 2014.

10. Lin, J, Grace Mucci, Ph.D., Ashley Hanratty, M.A, Melissa Connolly, M.A, Alexandra Martinez, M.A, **Mary L. Zupanc, M.D.**, Jack J. Lin, M.D. Receptive and Expressive Language Functioning in Bilingual and Monolingual Pediatric Epilepsy Patients. CHOC Children's Hospital. University of California, Irvine. Poster presented at American Epilepsy Society Annual Meeting in San Diego 2012.
11. Melissa Connolly, M.A. Ashley Hanratty, M.A. Grace Mucci, Ph.D., Alexandra Martinez, M.A., **Mary L. Zupanc, M.D.**, Jack J. Lin, M.D. Neurocognitive Trends in Bilingual Versus Monolingual Pediatric Epilepsy Patients. CHOC Children's Hospital. University of California, Irvine. Poster presented at American Epilepsy Society Annual Meeting in San Diego 2012.
12. Lew SM, Matthews AE, Mueller WM, **Zupanc ML**. "Forty consecutive hemispherectomies: evolution of technique, outcomes, complications, and lessons learned." Annual Meeting of the American Society of Pediatric Neurosurgeons, February 2, 2011, J Neurosurg: Pediatr.
13. Lin, J, **Zupanc, ML**, Lew, SL, Hecox, KE, Marcuccilli, CJ, O'Connor, SE, Schwabe, MJ, Sharif, U, Chico, MS, Effener, K, Werner, R: Corpus Callosotomy and Focal Resection in Multistage Epilepsy Surgery in Intractable Pediatric Epilepsy Population. American Epilepsy Society Annual Meeting in Seattle, WA, 2008.
14. Ramos-Platt, L, **Zupanc, ML**, Marcuccilli, CJ, O'Connor, SE, Schwabe, MJ, Sharif, U, Jacobson, RD, Werner, R. Chico, M, Eggener, I: Felbamate as an Effective Treatment in Myoclonic-Astatic Epilepsy of Dose: A Report of 8 Patients. American Epilepsy Society Annual Meeting in Seattle, WA, 2008.
15. O'Connor, SE, **Zupanc, ML**, Chico, M, Eggener, K: Successful Treatment of Refractory Status Epilepticus with the Ketogenic Diet. American Epilepsy Society Annual Meeting in Seattle, WA, 2008.
16. Wheless, JW, Carmant, L, Bebin, M, Conry, JA, Chiron, C, Elterman, RD, Frost, M, Paolicchi, JM, Shields, W, Thiele, EA, **Zupanc, ML**, Collins, SD: Magnetic Resonance Imaging Abnormalities in Infants Treated with Vigabatrin for Infantile Spasms. American Epilepsy Society Annual Meeting in Seattle, WA, 2008.
17. Twanow, J, Marcuccilli, CJ, **Zupanc, ML**: Eating Epilepsy (Reflex Epilepsy) in an 18 month old Hmong Girl: A Case Report and Review of the Literature. American Epilepsy Society in Seattle, WA 2008.
18. Twanow, JDE, Ramos-Platt, LK, Amlie-Lefond, CM, **Zupanc, ML**: Poster Presentation: Contralateral Electrodecrement Seen in a Developmentally Delayed Child During Episodes of Alternating Hemiplegia Out of Sleep. American Epilepsy Society (AES) Annual Meeting in Philadelphia, PA, December 2007.
19. Ramos, LK, **Zupanc, ML**, Amlie-Lefond, CM, Jacobson, RD. Poster Presentation: EMG/NCV and Muscle/Nerve Biopsy Findings in a Child with Scurvy. American Academy of Neurology (AAN) Annual Meeting in Boston, MA, May 2007.
20. Ramos, LK, **Zupanc, ML**, Chico, M: Poster Presentation: Cardiomyopathy and Status

Epilepticus. American Academy of Neurology (AAN) Annual Meeting in Boston, MA, May 2007.

21. **Zupanc, ML**: Epilepsy Surgery Outcomes-Seizure Control and Quality of Life at Children's Hospital of Wisconsin, 2002-2005. American Epilepsy Society Meeting, December 2006. Published in *Epilepsia*.
22. **Zupanc, ML**: Outcome of Epilepsy Surgery at Children's Hospital of Wisconsin. American Epilepsy Society Meeting, December 2004. Published in *Epilepsia*.
23. **Zupanc, ML**, Werner, R, Arentz, L: Efficacy of Felbamate in the Treatment of Medically Refractory Epilepsy in Children. To be presented to the American Epilepsy Society Annual Meeting. Boston, Massachusetts. Published in *Epilepsia*, December 2003.
24. **Zupanc, ML**, Burns, JR, Kramer, E, and Devinsky, O: Utility of Peri-ictal SPECT in Pediatric Patients with Intractable Partial Epilepsy. American Epilepsy Society Meeting, December 2006. Published in *Epilepsia*.
25. **Zupanc, ML** and Sandok, EK: Comparison of preoperative and postoperative EEGs in the prediction of postoperative seizure outcome in children who have had temporal lobectomies for intractable epilepsy. Child Neurology Society Meeting, 1998. Abstract: *Annals of Neurology*, 1998.
26. Vaisleib, II, Buchhalter, JR, and **Zupanc, ML**: Inpatient Versus Outpatient Initiation of Ketogenic Diet, Mayo Clinic Experience (1967-1975). American Epilepsy Society Meeting, December 1997. Published in *Epilepsia* 1997; 38: 195.
27. Laoprosert, P and **Zupanc, ML**: Malformations of Cortical Development and Surgical Outcome in Children and Adults. American Epilepsy Society Meeting, December 1997. Published in *Epilepsia* 1997;38: 78.
28. Goldsmith, IL and **Zupanc, ML**: Long Term Seizure Outcome in 35 Patients with Lennox Gastaut Syndrome. American Epilepsy Society Meeting, December 1997. Published in *Epilepsia* 1997; 38(8):185.
29. O'Brien, TJ, **Zupanc, ML**, Mullan, BP, O'Conner, MK, Cicora, KM, and So, EL: The Practical Utility of Performing Peri-ictal SPECT in the Evaluation of Children with Partial Epilepsy. Child Neurology Society Meeting, 1997. *Annals of Neurology* 1997;42: 503.
30. So, EL, O'Brien, TJ, Mullan, BP, Bohnen, NI, Jack, CR, Cascino, GD, **Zupanc, ML**, Hanson, DP, Trenerry, MR, and Sharbrough, FW: Seizure Localization in Intractable Partial Epilepsy by Subtraction Ictal SPECT Co-Registered to MRI: A Study of 47 Consecutive Patients. American Epilepsy Society Meeting, December 1996. Published in *Epilepsia* 1996, 37(5):124.
31. O'Brien, TJ, So, EL, Mullan, BP, Bohnen, NI, Jack, CR, Cascino, GD, **Zupanc, ML**, Hanson, DP, Trenerry, CR, and Sharbrough, FW: Extent of Resection of Ictal Subtraction SPECT Focus

is an Important Determinant of Epilepsy Surgery Outcome. American Epilepsy Society Meeting, December 1996. Published in *Epilepsia* 1996, 37:1 82.

32. **Zupanc, ML**, Abrahamson, KD, Cascino, GD, and Sharbrough, FW: Efficacy of Surgery on Seizure Control and Resultant Quality of Life in Pediatric Patients: Mayo Clinic Experience, 1988-1994. American Epilepsy Society Meeting, December 1996. Published in *Epilepsia* 1996, 37: 105.
33. **Zupanc, ML** and Schroeder, VM: Behavioral Changes in Children on Gabapentin, American Epilepsy Society Meeting, December 1995. Published in *Epilepsia* 1995, 36: 73.
34. **Zupanc, ML**, Cicora, KM, Cascino, GD, and Sharbrough, FW: Morbidity and Mortality in Mayo Clinic Epilepsy Monitoring Unit. American Epilepsy Society Meeting, December 1995. Published in *Epilepsia* 1995, 36: 150.
35. Sunku, AJ, Cascino, GD, Sharbrough FW, and **Zupanc, ML**: Surgical Treatment of Intractable Epilepsy in Children. American Epilepsy Society Meeting, December 1994. Published in *Epilepsia* 1994, 35(Supp 8): 139.
36. Kramer, U, Mikati, MA, **Zupanc, ML** and the U.S. Alternating Hemiplegia Group: Alternating Hemiplegia of Childhood-Clinical Manifestations. Child Neurology Society Meeting, 1994. *Annals of Neurology* 1994, 36: 526.
37. Bale, James, Ashwal, S, Goldstein, M, and members of Child Neurology Society Ethics Committee (**M. Zupanc**). The Child Neurologist As Expert Witness: Results of the Child Neurology Society Questionnaire. Child Neurology Society Meeting, 1994. *Annals of Neurology* 1994 36: 528.
38. Coulter, O, Ashwal, S, Leicher, C, **Zupanc, ML**, et al: Ethical Issues in Managed and Rationed Care for Children with Severe Neurological Disabilities: Results of the Questionnaire Sent to members of the Child Neurology Society. Child Neurology Society Meeting, 1994. *Annals of Neurology* 1994, 36: 510.
39. Edgar, T, Lotz, B, **Zupanc, ML**, and Rust, RS: Congenital Muscular Dystrophy: Presentation in Male or Female Infants. Child Neurology Society Meeting, 1993 *Annals of Neurology* 1993, 34: 489.
40. Rust, RS, Thomas, MA, **Zupanc, ML**, Bianco, JA, and Turski, P: H-Volume Localized In Vivo MR Spectroscopy and Single Photon Emission Computed Tomography in Alternating Hemiplegia. Child Neurology Society Meeting, 1992. *Annals of Neurology* 1992, 32: 452.
41. **Zupanc, ML** and Chun, RWM: Familial Paroxysmal Dystonic Choreoathetosis Mount and Reback: A New Treatment Option. Child Neurology Society Meeting, 1991. *Annals of Neurology* 1991, 30: 504.
42. **Zupanc, ML**, Dobkin, JD, and Perlman, S: Iodine-123 Iodoamphetamine SPECT Brain Imaging in a Child with Alternating Hemiplegia. Child Neurology Society Meeting, 1989. *Annals of Neurology* 1989, 26: 454.
43. **Zupanc, ML**: Mitochondrial Encephalomyopathies: A case report of a patient with a

combination of Kearns-Sayre Syndrome and MELAS Syndrome. Child Neurology Society Meeting, 1989. Annals of Neurology 1989, 26: 436.

Teaching/Educational Material

1. Core Curriculum, Nurses-5W, Epilepsy Monitoring Unit, 2011-Present
2. **Zupanc, ML.** American Epilepsy Society – Epilepsy Fellowship Teaching Modules. 2018-19.
3. Waseem M, **Zupanc ML.** Infantile Spasms: Early Recognition and Treatment [online course]. PediaLink. American Academy of Pediatrics. http://bit.ly/infantile_spasms. Published 5/1/2018.
4. Anonymous Donor – Multidisciplinary Epilepsy Program - \$2.5 Million over 3 years with physicians, Nurse Practitioners, Pharmacist, Dietician, Social Work, Psychologist, and Psychiatrist. Goal: To improve seizure outcome and improve quality of life in our pediatric patients.
5. **Zupanc, ML.** Brain Trust. Children’s Hospitals Today. Children’s Hospital Association, Winter 2017, p 5.
6. **Zupanc ML** and Mower A. Child Neurology Foundation Website: Pediatric Epilepsy Surgery (Tutorial for parents and primary care providers). 2015. Updated 2019.
7. CHOC Epilepsy Educational Materials, particularly the Epilepsy Surgery Handbook and the Epilepsy Patient Care Handbook—Updated 2019.
8. **Zupanc, ML:** American Academy of Pediatrics and Child Neurology Foundation. Infantile Spasms CME-Webinar. Dec 2016.
9. **Zupanc, ML:** American Academy of Emergency Room Physicians and Child Neurology Foundation. Infantile Spasms CME-Webinar. Dec 2016.
10. Development of Pediatric Residency Program – Teaching Curriculum 2011-2019
11. Development / Initiation of Pediatric Clinical Neurophysiology Fellowship Training Program and Development of Curriculum 2014-2019
12. **Zupanc ML.** One Family’s Journey to Overcome Epilepsy. US News. October 31, 2016.
13. Epilepsy Educational Materials – Epilepsy Patient Care Handbook (English, Spanish, Vietnamese, Hmong), General Information regarding Seizures and Epilepsy; Epilepsy Syndromes; Diagnostic Tests; Epilepsy Seizure Action Plan; Antiepileptic Drugs. (Family education.) 2016. Brochures and Handouts plus SPECT 2018.
14. Development / Initiation of Pediatric Comprehensive Epilepsy Program 2019
 - a. Tuberos Sclerosis Complex Alliance Clinic
 - b. Multidisciplinary Epilepsy Clinic
 - c. Epilepsy Surgery Program
 - d. Dravet Syndrome Center of Excellence

e. Ketogenic Diet Clinic

15. Website: www.wisconsinseizure.net, 2008-2011
16. **Zupanc, ML:** Hmong Video – Epilepsy: Qaug Dlaab Peg Hab Chualeeg, 2008 Audio Visual Gold Award. National award “Recognizing excellence in AV production.”
17. Hmong Video – Epilepsy: Qaug Dlaab Peg Hab Chualeeg, 2008 Audio Visual Gold Award. National award “Recognizing excellence in AV production”.
18. *Manual of Pediatric Neurology*, for Pediatric Residents, 2002/2005
19. **Zupanc, ML:** Antiepileptic Medications, Pregnancy and Contraception. PrimePractice, 1994, vol. 1, issue 2. (CD-ROM).
20. **Zupanc, ML:** Current Treatment for Febrile Seizures. PrimePractice, 1994, vol. 1, issue (CD-ROM).
21. **Zupanc ML:** “Pediatric Neurologist’s Aid in Diagnosing Hypotonia.” *UW Building Blocks* newsletter, Spring 1992
22. **Zupanc ML** and Fost N: *Status Epilepticus Handbook for Pediatric Residents*. 1992
23. *Handbook for Pediatric Neurology Residents: A Compilation of Pediatric Neurology Articles*, 1992

Book Reviews

1. Infantile Spasms - Book Review
Pediatric Neurology, 1995.
2. Quality of Life in Epilepsy - Book Review
Mayo Clinic Proceedings, 1995.
3. Mental Retardation: Definition, Classification and Support Systems -
Book Review. *Pediatric Neurology*, 1993, 9:416.
4. Traumatic Transtentorial Herniation and Its Management - Book Review.
Pediatric Neurology, 1991, 7:229.
5. Coronary and Cerebral Vascular Disease - Book Review
Pediatric Neurology, 1990, 6:357.

PROFESSIONAL ACTIVITY

Invited Lectures, Workshops, Presentations

International-Invited

Title: *Multiple Lectures on Pediatric Neurology and Epilepsy*
Meeting/Event: Medical Mission---Arpan Global
Location: Vietnam
Date: April 2019
Details: Epilepsy: seizure types, epilepsy syndromes, and infantile epileptic encephalopathies; etiologies for pediatric epilepsy and suggested diagnostic work-up; antiepileptic medications—mechanisms of action, dosages, and side effects; other epilepsy therapies including epilepsy surgery and ketogenic diet; emerging trends in treatment.
General pediatric neurology: Neuromuscular disorders—spinal muscular atrophy, muscular dystrophy and others; approach to the hypotonic baby; developmental delays---basic approach and diagnostic evaluation; brain and spinal cord tumors; inflammatory disorders including acute disseminated encephalomyelitis, Guillain Barre syndrome, and transverse myelitis; inborn errors of metabolism; genetic disorders.

Title: *Multiple Lectures on Pediatric Neurology and Epilepsy*
Meeting/Event: Medical Mission---Arpan Global
Location: Armenia
Date: May 2017
Details: Epilepsy: seizure types, epilepsy syndromes, and infantile epileptic encephalopathies; etiologies for pediatric epilepsy and suggested diagnostic work-up; antiepileptic medications—mechanisms of action, dosages, and side effects; other epilepsy therapies including epilepsy surgery and ketogenic diet; emerging trends in treatment.
General pediatric neurology: Neuromuscular disorders—spinal muscular atrophy, muscular dystrophy and others; approach to the hypotonic baby; developmental delays---basic approach and diagnostic evaluation; brain and spinal cord tumors; inflammatory disorders including acute disseminated encephalomyelitis, Guillain Barre syndrome, and transverse myelitis; inborn errors of metabolism; genetic disorders.

Title: *Epilepsy in the Neonate—Why it is Different from Children and Adults*
Meeting/Event: Epilepsy Society of the Caribbean
Location: St. Lucia, W.I.
Date: May 2014

Title: *Pediatric Ketogenic Diet*
Meeting/Event: International Ketogenic Diet Symposium
Location: Edinburgh, Scotland
Date: September 2010

Title: *Pediatric Epilepsy*
Meeting/Event: International Epilepsy Symposium

Location: New Delhi, India
Date: February 2010

Title: *Pediatric Epilepsy: New Updates on Epilepsy Syndromes and Antiepileptic Medication – Pediatric Epilepsy Surgery*

Meeting/Event: International Pediatric Symposium
Location: Rzeszow, Poland
Date: June 2008

Title: *Monitoring Patients on The Ketogenic Diet*
Meeting/Event: International Ketogenic Diet Symposium
Location: Phoenix, Arizona, USA
Date: April 2008

Title: *Efficacy of Ketogenic Diet in Medically Refractory Patients*
Meeting/Event: Slovenian Physician's Congress
Location: Ljubljana, Slovenia
Date: May 2006

Title: *Outcomes of Epilepsy Surgery in The Pediatric Patient With Medically Refractory Epilepsy*
Meeting/Event: Slovenian Physician's Congress
Location: Ljubljana, Slovenia
Dates: May 2005

Title: *Neonatal Seizures/Symptomatic Generalized Epilepsies Of Childhood*
Meeting/Event: Second Caribbean Congress on Epilepsy
Location: Montego Bay
Dates: November 2003

Title: *Inter-Ictal and Ictal Electroencephalograms May Not Predict Postoperative Outcome in Temporal Lobectomies in Children*
Meeting/Event: International Child Neurology Society Meeting,
Location: Ljubljana, Slovenia
Date: September 1998

Title: *Physiologic Effects of Sports in Women and Girls*
Meeting/Event: Intl Symposium on the Development of Sports for Girls and Women
Location: Caracas, Venezuela
Date: August 1995

Title: *SPECT Brain Imaging in Alternating Hemiplegia*
Meeting/Event: Alternating Hemiplegia of Childhood Symposium
Location: Rome, Italy
Date: January 1992

National-Invited

Title: *Infantile Spasms*
 Meeting/Event: Grand Rounds, University of Rochester
 Location: Rochester, New York
 Date: September 2019

Title: *Lennox Gastaut Syndrome*
 Meeting/Event: Grand Rounds, Duke University
 Location: Durham, North Carolina
 Date: October 2019

Title: *Finding Answers: The Importance of Communicating with Your Clinician*
 Meeting/Event: Global Genes Summit
 Location: San Diego, CA
 Date: September 2019

Title: *Epilepsy*
 Meeting/Event: CURE Day of Science
 Location: CHOC Children's Hospital of Orange County
 Date: September 2019

Title: *Sex as a Biologic Variable; why is it important to child neurologists*
 Meeting/Event: Symposium: Child Neurology Society Annual Meeting
 Location: Kansas City, MO
 Date: October 2017

Title: *Pediatric Epilepsy Surgery*
 Meeting/Event: Grand Rounds, Rush University Medical Center
 Location: Chicago, Illinois
 Date: May 2016

Title: *Neonatal Seizures*
 Meeting/Event: Perinatal symposium
 Location: Pomona, California
 Date: May 2016

Title: *Three lectures, one describing seizure types; a second lecture on antiepileptic medications/rescue medications; third lecture on co-morbidities associated with epilepsy, including cognitive and psychosocial problems*
 Meeting/Event: California Nurses Association Meeting
 Location: Fresno, California
 Date: February 2016

Title: *Symposium on Transitioning Pediatric Neurology Patients to Adult Care*
 Meeting/Event: Child Neurology Society Meeting
 Location: National Harbor, Maryland
 Date: October 2015

Title: *Pediatric Epilepsy-Surgical Treatment, VNS, Refractory Seizures Epilepsy in Special Populations (Series of Lectures)*

- 7 lectures, including two case studies; criteria for epilepsy surgery; pediatric epilepsy surgery; refractory seizures; social aspects of epilepsy; special issues in adolescents and epilepsy; genetic and metabolic conditions associated with epilepsy.

Meeting/Event: Kiffin Penry Pediatric Epilepsy Preceptorship, Wake Forest Medical Center
 Location: Raleigh, North Carolina
 Dates: Annually – 2000-2018

- This is a nationally recognized and awarded lecture series

Title: *Symposium on Adverse Effects/Risks vs. Benefits of Epilepsy Surgery*
 Meeting/Event: American Epilepsy Society
 Location: Seattle, Washington
 Date: December 2014

Title: *The Healing Art of Medicine*
 Meeting/Event: Commencement Speech, Neurology, University of Minnesota Medical School.
 Location: Minneapolis, MN
 Date: June 2013

Title: *Antiepileptic Drug Therapies*
 Meeting/Event: American Health Pharmacists Association
 Location: Baltimore, MD
 Date: June 2012

Title: *Chair, Women with Epilepsy, Special Interest Group*
 Meeting/Event: American Epilepsy Society
 Date: 2009-2012

Title: *New Therapies for Epilepsy*
 Meeting/Event: Child Neurology Society Symposium, Symposium Organizer
 Date: November 2012

Title: *Felbamate In Treatment Of Medically Refractory Epilepsy Of Childhood*
 Meeting/Event: American Epilepsy Society; Satellite Symposium
 Location: Seattle, Washington
 Date: December 2008

Title: *Refractory Epilepsies of Childhood/Severe Myoclonic Epilepsy Of Infancy*
 Meeting/Event: Child Neurology Society/Satellite Symposium
 Location: Santa Clara, CA
 Date: November 2008

Title: Visiting Professor
 Meeting/Event: Three days of lectures on Epilepsy, Grand Rounds, Rounds with Residents
 Location: Case Western University, Cleveland Clinic
 Date: September 2008

Title: *Pediatric Epilepsy: Survival Guide for The Busy Primary Care Provider*
 Meeting/Event: Pediatric Grand Rounds, Southwestern Children's Hospital

Location: St. Petersburg, FL
 Date: January 2008

Title: *Felbamate-Its Efficacy in Medically Refractory Patients*
 Meeting/Event: Symposia; Child Neurology Society; American Epilepsy Society
 Location: WI, IL, ND, SD, OH, LA, TX, NY, FL
 Date: 2006-200

Title: *Women and Epilepsy*
 Meeting/Event: Multiple small evening symposia
 Location: WI, IL, MN, NY
 Date: 2005-2006

Title: *Epilepsy and Seizures—How To Approach Children With Epilepsy*
 Meeting/Event: Edward Traisman Memorial Lecture, Children’s Memorial Hospital,
 Northwestern University
 Location: Chicago, Illinois
 Date: November 2006

Title: *The Generalized Epilepsies-Chair of Symposium*
 Meeting/Event: Child Neurology-Major Symposium
 Location: Los Angeles, CA
 Date: October 2006

Title: *Women and Epilepsy*
 Meeting/Event: Rainbow Babies Hospital
 Location: Cleveland, Ohio
 Date: June 2005

Title: *Epilepsy and Seizures: Survival Guide for the Busy Pediatrician*
 Meeting/Event: Editor’s Choice Conference
 Location: Children’s Hospital of Wisconsin, Milwaukee, WI
 Date: June 2005

Title: *Generalized Epilepsy Syndromes-Treatment*
 Meeting/Event: Child Neurology Society Meeting-General Symposium
 Location: Toronto, Canada
 Date: October 2004

Title: *The Benign Childhood Epilepsies*
 Meeting/Event: International Epilepsy Symposium
 Location: Cleveland Clinic, Cleveland, Ohio
 Date: July 2004

Title: *Pediatric Epilepsy Case Presentations-Round Table*
 Meeting/Event: Critical Issues in the Evaluation and Management of Children and Adults

- with Epilepsy, Rush Presbyterian Medical Center
 Location: Chicago, Illinois
 Date: June 2003
- Title: *Catastrophic Pediatric Epilepsy-New Strategies for Treatment*
 Meeting/Event: Epilepsy: From the Dark Ages to the Neuroscience Era
 Location: Medical College of Wisconsin, Milwaukee, Wisconsin
 Date: May 2003
- Title: *Women and Epilepsy and Complicated Pediatric Epilepsy*
 Meeting/Event: Merritt-Putnam Lecture/Northwestern University
 Location: Chicago, Illinois
 Date: March 2003
- Title: *Epilepsy in Women: The Biological Basis of the Female Experience*
 Meeting/Event: Multiple meetings across the country
 Location: New York, Miami, Houston
 Date: February 2003, May 2003, September 2003
- This is a nationally recognized and awarded lecture series
- Title: *Populations- Women Drug Selection in Age-Based and Gender-Based*
 Meeting/Event: Merritt-Putman Lecture
 Location: Chicago, Illinois
 Date: November 2002
- Title: *Epilepsy in Adolescence-Special Issues*
 Meeting/Event: Grand Rounds, Children's Hospital of Philadelphia
 Location: Philadelphia, Pennsylvania
 Date: February 2002
- Title: *Women and Epilepsy: Across the Reproductive Cycle*
 Meeting/Event: Multiple meetings across the country
 Location: Washington, DC; Atlanta, Georgia; Richmond, Virginia; Durham, North Carolina; Kansas City, Kansas; Tampa, Florida; Houston, Texas
 Dates: October-July, 1999-2001
- This is a nationally recognized and awarded lecture series
- Title: *Pediatric Neurology: Epilepsy, Paroxysmal Spells, Headaches, Hypotonia (Series of Lectures)*
 Meeting/Event: American Academy of Pediatrics Annual Meeting
 Location: San Antonio, Texas
 Date: December 2001
- Title: *Age Dependent Epileptic Encephalopathies*
 Meeting/Event: University of Virginia
 Location: Richmond, Virginia
 Date: November 2000
- Title: *Refractory Epilepsy In Children*

Meeting/Event: Case Western Reserve University
Location: Cleveland, Ohio
Date: November 2000

Title: *Pediatrics in Review (PREP)*
Meeting/Event: Neurological Disorders Lecture Series
Location: San Diego, California
Date: October 1999

Title: *Pediatrics in Review (PREP)*
Meeting/Event: Neurological Disorders Lecture Series
Location: Philadelphia, Pennsylvania
Date: May 1999

Title: *Update in Pediatric Epilepsy*
Meeting/Event: Albany Medical Center
Location: Albany, New York
Date: April 1999

Title: *The Cutting Edge: Pediatric Epilepsy Surgery*
Meeting/Event: Neurology Grand Rounds, University of Alabama
Location: Birmingham, Alabama
Date: November 1998

Title: *Challenges in Pediatric Epilepsy*
Meeting/Event: Merritt-Putnam Lecture
Location: New York, New York
Date: March 1998

Title: *Update in SPECT Brain Imaging In Alternating Hemiplegia*
Meeting/Event: Alternating Hemiplegia of Childhood Symposium
Location: Seattle, Washington
Date: May 1997

Title: *Pediatric Epilepsy Surgery*
Meeting/Event: Pediatric Grand Rounds, Nemour Children's Hospital
Location: Jacksonville, Florida
Date: January 1996

Title: *Selected Pediatric Epilepsy Surgery Cases*
Meeting/Event: Cleveland Clinic Epilepsy Conference
Location: Cleveland, Ohio
Date: October 1995

Title: *Alternating Hemiplegia of Childhood*
Meeting/Event: Cleveland Clinic Pediatric Grand Rounds

Location: Cleveland, Ohio
Date: October 1995

Title: *Alternating Hemiplegia of Children*
Meeting/Event: Neurology Grand Rounds, State University of New York
Location: Syracuse, New York
Date: February 1993

Title: *Effects of Television On Children*
Meeting/Event: Grand Rounds, Harbor UCLA Medical Center
Location: Los Angeles, California
Date: October 1981

Regional/local

Title: *Infantile Epileptic Encephalopathy; Lennox Gastaut Syndrome; Metabolic and Genetic Disorders that produce Epilepsy; Pediatric EEG*
Meeting/Event: Resident Lecture Series – CHOC Children’s Hospital of Orange County
Location: Orange, California
Date: January 2017 to June 2021

Title: *Infantile Spasms, Infantile Epileptic Encephalopathies, Lennox-Gastaut Syndrome, Antiepileptic Drug Therapies, Epilepsy Surgery*
Meeting/Event: Brain Bits – CHOC Children’s Hospital of Orange County
Location: Orange, California
Date: January 2017 to June 201

Title: *Epilepsy Diagnoses that Pediatricians/PCPs Should Not Miss*
Meeting/Event: Grand Rounds, CHOC Children’s Hospital of Orange County
Location: Orange, California
Date: October 2017

Title: *Emerging Trends in Pediatric Epilepsy*
Meeting/Event: Grand Rounds, CHOC Children’s Hospital of Orange County
Location: Orange, California
Date: November 2016

Title: *Leaving the Nest. Improving Transitions of Care*
Meeting/Event: Grand Rounds, CHOC Children’s Hospital of Orange County
Location: Orange, California
Date: October 2016

Title: *Voodoo, Witchcraft, and Mythology*
Lecture with Dr. Taraman on the alternative therapies, including the use of

Meeting/Event: marijuana in patients with epilepsy
 Location: Grand Rounds, CHOC Children's Hospital of Orange County
 Date: Orange, California
 July 2016

Title: *Effects of Epilepsy / Seizures in the Developing Brain*
 Meeting/Event: Neurology Grand Rounds, University of California, Irvine
 Location: Orange, California
 Date: August 2013

Title: *Epilepsy and Emergency Seizure Management*
 Meeting/Event: Orange County School Nurse Symposium
 Location: CHOC Children's
 Date: June 2013

Title: *Series of lectures; Paroxysmal episodes in childhood, Approach to the developmentally delayed child, & Seizure types*
 Meeting/Event: American Academy of Pediatrics: Current Advances in Pediatrics Conference
 Location: Newport Beach, CA
 Date: November 2012

Title: *Lennox Gastaut Syndrome*
 Meeting/Event: Neurology Grand Rounds, University of California, Irvine
 Location: Orange, California
 Date: April 2012

Title: *Epilepsy and Emergency Seizure Management*
 Meeting/Event: Orange County School Nurse Symposium
 Location: CHOC Children's
 Date: June 2012

Title: *Understanding Epilepsy: What you should know about seizures*
 Meeting/Event: Orange County School Nurse Symposium
 Location: CHOC Children's Hospital of Orange County
 Date: December 2011

Title: *Epilepsy for the Pediatrician – A Guide*
 Meeting/Event: Pediatric Grand Rounds, CHOC Children's
 Location: Orange, California
 Date: August 2011

Title: *Epilepsy Surgery in the Pediatric Population*
 Meeting/Event: Neurology Grand Rounds, University of California, Irvine
 Location: Orange, California
 Date: August 2011

Title: *Sports Medicine Conference – Concussion in Children and Adolescents*
 Meeting/Event: Pediatric Grand Rounds, CHOC Children's

Location: Orange, California
 Date: May 2011

Title: *Management of Seizure in the Emergency Department*
 Meeting/Event: Innovations in Pediatric Emergency Care Conference
 Location: CHOC Children's Hospital of Orange County
 Date: January 2011

Title: *New Approaches in The Treatment of Pediatric Epilepsy*
 Meeting/Event: Epilepsy Foundation of Central and Northeast Wisconsin
 Location: Stevens Point, WI
 Date: April 2009

Title: *Antiepileptic Drug Therapy in The Treatment of Pediatric Epilepsy*
 Meeting/Event: Pediatric Best Practices
 Location: Egg Harbor, WI
 Date: July 2008

Title: *Update in Pediatric Epilepsy*
 Meeting/Event: Pediatric Grand Rounds
 Location: Gurney, Illinois
 Date: September 2004

Title: *Update-Pediatric Epilepsy*
 Meeting/Event: Wisconsin Neurological Society Annual Meeting
 Location: Wisconsin Dells, WI
 Date: October 2003

Title: *Evaluation of Hypotonic Infant*
 Meeting/Event: St. Barnabas Pediatric Symposium
 Location: Livingston, New Jersey
 Date: January 2003

Title: *Pediatric Epilepsy*
 Meeting/Event: Grand Rounds, St. Agnes Hospital
 Location: Waukegan, Illinois
 Date: February 2002

Title: *Treatment of Pediatric Epilepsy*
 Meeting/Event: Grand Rounds, St. Joseph's Hospital
 Location: Marshfield, WI
 Date: September 2002

Title: *New Strategies and Treatments in Pediatric Epilepsy*
 Meeting/Event: Grand Rounds, Kenosha Children's Hospital
 Location: Kenosha, Wisconsin
 Date: October 2002

Title: [30 presentations: Case Presentations, Women and Epilepsy, Status

Meeting/Event: Epilepticus, First Seizure, Febrile Seizures, Headaches, Pediatric Epilepsy, Antiepileptic Drug Interactions]
 Pediatric Grand Rounds, Teaching Conferences, CME Courses, Children's Hospital of Wisconsin, Neurology Grand Rounds
 Location: Milwaukee, Wisconsin
 Date: 2001-2009

Title: *Adolescence and Epilepsy-Precautions & Pitfalls*
 Meeting/Event: Pediatric Grand Rounds, Medical College of Wisconsin
 Date: May 2005

Title: *Advances in Pediatric Epilepsy*
 Meeting/Event: Pediatric Grand Rounds, Medical College of Wisconsin
 Date: February 2004

Title: *Pediatric Headaches: What A Pain!*
 Meeting/Event: Starkey Davis Lectures, Medical College of Wisconsin
 Date: October 2002

Title: *First Unprovoked Seizures-To Treat or Not to Treat*
 Meeting/Event: Pediatric Grand Rounds, Medical College of Wisconsin
 Date: September 2002

Title: *Pediatric Epilepsy: The Cutting Edge*
 Meeting/Event: Pediatric Grand Rounds, Medical College of Wisconsin
 Date: January 2002

Title: *Pediatric Epilepsy Surgery*
 Meeting/Event: Variety Club, Milwaukee, Wisconsin
 Date: December 2001
 *Multiple Presentations for Children's Hospital of Wisconsin Foundation (>30)

Title: [7 Grand Rounds presentations re: Neurology, Pediatric Neurology, Pediatric Epilepsy]
 Meeting/Event: Grand Rounds, Columbia University
 Location: New York, New York
 Date: 1998-2001

Title: [5 Grand Rounds presentations re: Pediatric Epilepsy]
 Meeting/Event: Pediatric Grand Rounds/Conferences, Columbia University
 Location: New Jersey
 Date: 1998-2000

Title: *Seizures in Infants and Children*
 Meeting/Event: Fall Epilepsy Update Series, Wisconsin Epilepsy Association and Franciscan

Location: Skemp Healthcare System
 Lacrosse, Wisconsin
 Date: October 1997

Title: *Febrile Seizures-An Update*
 Meeting/Event: Nursing Continuing Medical Education, Mayo Graduate School
 Location: Rochester, Minnesota
 Date: May 1997

Title: *Women's Issues in Epilepsy*
 Meeting/Event: Symposium sponsored by Epilepsy Foundation of Minnesota
 Location: Rochester, Minnesota
 Date: May 1997

Title: *Update in Pediatric Epilepsy-The Cutting Edge*
 Meeting/Event: Grand Rounds, St. Cloud Hospital
 Location: St. Cloud, Minnesota
 Date: March 1997

Title: *Non-Epileptic Spells*
 Meeting/Event: Epilepsy Foundation of Minnesota Conference-Moving Forward in the
 Care of Patients with Seizure Disorders
 Location: Rochester, Minnesota
 Date: April 1996

Title: *Update in Pediatric Epilepsy*
 Meeting/Event: Epilepsy Foundation of Minnesota Conference: "Moving Forward in the
 Care of Patients with Seizure Disorders"
 Location: Rochester, Minnesota
 Date: April 1996

Title: *Perspectives on Women in Medicine-Witches, Midwives, And Nurses*
 Meeting/Event: University of Minnesota, Department of History of Medicine
 Location: Minneapolis, Minnesota
 Date: April 1996

Title: *Recent Trends in The Management Of Pediatric Epilepsy*
 Meeting/Event: Annual Conference of the Epilepsy Foundation of Minnesota
 Location: Minneapolis, Minnesota
 Date: October 1995

Title: *Classification and Recognition of Childhood Seizure Disorders*
 Meeting/Event: Minnesota Electroencephalography Technician Conference
 Location: Rochester, Minnesota
 Date: September 1995

Title: *Pediatric Epilepsy Update*
 Meeting/Event: Continuing Education-Nursing Department, Medical Center

Location: Rochester, Minnesota
Date: March 1995

Title: *Advances in Pediatric Epilepsy: New Approaches to An Old Disease*
Meeting/Event: Epilepsy Foundation of Minnesota and Continuing Education in Nursing
Location: Rochester, Minnesota
Date: April 1994

Title: *Febrile Seizures*
Meeting/Event: Pediatric Grand Rounds, Olmsted County Medical Center
Location: Rochester, Minnesota
Date: March 1994

Title: [50 Presentations re: Pediatric Epilepsy, Pediatric Neurology, Mitochondrial Cytopathies, Alternating Hemiplegia of Childhood]
Meeting/Event: University of Wisconsin Conferences, Grand Rounds
Location: Madison, Wisconsin
Date: 1985-1994

Title: [23 Presentations re: Pediatric Epilepsy, Pediatric Neurology, Mitochondrial Cytopathies]
Meeting/Event: Depts of Neurology and Pediatrics Grand Rounds, University of Wisconsin
Location: Madison, Wisconsin
Date: 1985-1994

Title: *Epileptic Syndromes and Childhood Epilepsies*
Meeting/Event: Current Trends in Epilepsy, Wisconsin Epilepsy Association
Location: LaCrosse, Wisconsin
Date: September 1993

Title: *Update on Febrile Seizures*
Meeting/Event: Continuing Medical Education Conference
Location: Beloit, Wisconsin
Date: June 1993

Title: *Children with Multiple Handicaps and Prescription Medications*
Meeting/Event: Association for Education and Rehabilitation for the Blind and Visually Impaired
Location: Milwaukee, Wisconsin
Date: June 1993

Title: *Seizure Disorder-First Response*
Meeting/Event: Emergency Medical Technician Association, Statewide
Location: Milwaukee, Wisconsin
Date: January 1993

Title: [24 Grand Rounds presentations re: Epilepsy, Alternating Hemiplegia of Childhood, Mitochondrial Cytopathies]

Meeting/Event: Neurology Grand Rounds, Mayo Clinic
Location: Rochester, Minnesota
Date: 1993-1998

Membership/Leadership in National/regional Professional Societies

2007-Present American Board of Psychiatry and Neurology Committee for Child Neurology – Neurology Maintenance of Certification Examination

1986-2013 American Board of Psychiatry and Neurology, Board Examiner
1987-Present Professors of Child Neurology

Child Neurology Foundation

- 2018-Present CNF Content Review Committee
- 2016-Present Board of Directors & Executive Board
- 2014-2017 Website Development
- 2014-Present Child Neurology Foundation Committee for Transition Member to establish national standards, guidelines, and materials for transitioning adolescent with neurological disorders to adult neurologists.
- 2001-Present Chairperson, Child Neurology Foundation, Career Development Committee

Child Neurology Society

- 2016-2019 Councilor of the West, Child Neurology Society
- 2014-2016 Membership Committee
- 2011-2014 Legislative Committee
- 2011-2014 Electronics Committee
- 2012-2014 Symposium Organizer for Child Neurology Society Meeting – New Therapies for Epilepsy
- 2001-2012 Chairperson, Child Neurology Society Training Committee

American Epilepsy Society

- 2017-2021 AES Fellowship Curriculum Committee
- 2014-2016 Nominating Committee
- 2009-2012 Women with Epilepsy - Special Interest Group

National Association of Epilepsy Centers (NAEC)

- 2016-2020 Board of Directors

Orange County Medical Association

- 2014-2020 Chair, Pediatric Committee

Pediatric Epilepsy Research Consortium

- 2016-2021 Chair, Lennox-Gastaut Syndrome Study Group
- 2016-Present Board of Directors, Finance

Alternating Hemiplegia of Childhood Foundation

- 2016-Present Board of Directors

American Academy of Neurology

- 2007-2015 United Council for Neurologic Subspecialties Committee, Vice Chair
- 2006-2014 United Council for Neurologic Subspecialties Committee Member

Physicians for Social Responsibility

- 2003-2008 Physicians for Social Responsibility, Board of Directors
1987-1990
- 2004-2006 Executive Board, National Board of Directors
- 2003-2008 Member, National Board of Directors, Physicians for Social Responsibility
- 1992-1993 Editor of Newsletter, Physicians for Social Responsibility
- 1987-1990 Member, National Board of Directors, Physicians for Social Responsibility
- 1986-1988 Member, National House of Delegates, Physicians for Social Responsibility
- 1985-1992 Co-president, Physicians for Social Responsibility
- 1984-1985 Secretary, Physicians for Social Responsibility

Regional/Local/Appointed Leadership and Committee Positions

Hospital/CHOC Medical Foundation Committees

2019-2021 Neuroscience Institute, Co-Medical Director
 2019-Present UCI Division Chief, Pediatric Neurology
 2019-2021 Chief Neurology Strategy Officer - PSF
 2011-2021 PSF Leadership Meeting
 2011-2019 Division Chief, Pediatric Neurology
 2012-2021 PSF/CS Inpatient Division Council Committee
 2014-2021 CS Practice Management Committee
 2015-2021 Medical Foundation Strategic Planning and Programmatic Growth Committee
 2015-2021 CHOC Evidence Based Medical Committee
 2011-2021 CS Specialty/Ambulatory Task Force Committee
 2015-2017 CHOC Ethics Committee

Regional

2015-2020 Chair, Pediatrics Committee, Orange County Medical Association
 2011-Present Epilepsy Foundation of America, Professional Advisory Board, Orange County and Los Angeles
 2020-Present Epilepsy Foundation of America, Board of Directors
 1999-2001 Epilepsy Foundation of New York City, Professional Advisory Board
 1994-1999 Epilepsy Foundation of Minnesota, Professional Advisory Board
 1992-1993 State Director-Wisconsin, American Medical Women's Association (Appointed)
 1991-1994 Secretary, Board of Directors, Epilepsy Foundation of South-Central Wisconsin, Madison
 1989-1993 Professional Advisory Committee for Epilepsy Foundation of South Central Wisconsin, Madison
 1988-1993 Board of Directors, Wisconsin Epilepsy Association
 1988-1993 Special Olympics Medical Advisory Committee, State of Wisconsin
 1988-1993 Reorganization Committee of the Wisconsin Chapter of the American Women's Medical Association
 1985-1993 Member, Wisconsin Department of Motor Vehicles Medical Review Board

Local

- 1992-1993 Editor of Newsletter, Physicians for Social Responsibility, Madison, WI
- 1985-1992 Co-president, Physicians for Social Responsibility, Madison, WI
- 1984-1985 Secretary, Physicians for Social Responsibility, Madison, WI

National Elected/Appointed Leadership and Committee Positions

Neurology

Child Neurology Foundation

- 2018-Present CNF Content Review
- 2016-Present Board of Directors & Executive Board
- 2014-2017 Website Development
- 2014-Present Child Neurology Foundation Committee for Transition Member to establish national standards, guidelines, and materials for transitioning adolescent with neurological disorders to adult neurologists.
- 2001-Present Chairperson, Child Neurology Foundation, Career Development Committee

Child Neurology Society

- 2016-2019 Councilor of the West, Child Neurology Society
- 2014-2016 Membership Committee
- 2011-2014 Legislative Committee
- 2011-2014 Electronics Committee
- 2012-2014 Symposium Organizer for Child Neurology Society Meeting – New Therapies for Epilepsy
- 2001-2012 Chairperson, Child Neurology Society Training Committee
- 1997-2002 Chair, Membership Committee, Child Neurology Society
- 1991-1995 Ethics Committee, Child Neurology Society

American Epilepsy Society

- 2017-2021 AES Fellowship Curriculum Committee
- 2014-2016 Nominating Committee
- 2009-2012 Women with Epilepsy - Special Interest Group
- 1997-2007 CME Committee, American Epilepsy Society
- 1997-2001 Technology Task Force, American Epilepsy Society

National Association of Epilepsy Centers (NAEC)

- 2016-2020 Board of Directors

Orange County Medical Association

- 2014-2020 Chair, Pediatric Committee

Pediatric Epilepsy Research Consortium

- 2016-2021 Chair, Lennox-Gastaut Syndrome Study Group
- 2016-Present Board of Directors, Finance

Alternating Hemiplegia of Childhood Foundation

- 2016-Present Board of Directors

American Academy of Neurology

- 2007-2015 United Council for Neurologic Subspecialties Committee, Vice Chair
- 2006-2014 United Council for Neurologic Subspecialties Committee Member

Physicians for Social Responsibility

- 2003-2008 Physicians for Social Responsibility, Board of Directors
1987-1990
- 2004-2006 Executive Board, National Board of Directors
- 2003-2008 Member, National Board of Directors, Physicians for Social Responsibility
- 1992-1993 Editor of Newsletter, Physicians for Social Responsibility
- 1987-1990 Member, National Board of Directors, Physicians for Social Responsibility
- 1986-1988 Member, National House of Delegates, Physicians for Social Responsibility
- 1985-1992 Co-president, Physicians for Social Responsibility
- 1984-1985 Secretary, Physicians for Social Responsibility

2007-2015 Member, Maintenance of Certification Examination Committee for Child Neurology, American Board of Psychiatry and Neurology

2001-2015 National Advisory Boards for UCB Pharma, MedPointe, GlaxoSmithKline, Cyberonics, Lundberg, Questcor

1986-2013 American Board of Psychiatry and Neurology, Board Examiner

Medical School

1984-1985 Housestaff Association Executive Board, University of Wisconsin-Madison

1982-1984 Neurology Representative, Housestaff Association Executive Board, University of Wisconsin, Madison

1977-1979 Admissions Committee, UCLA School of Medicine

1977-1978 Social Chairperson, Medical School Class

1976-1979 Organizer and Member, UCLA Committee for the Status of Women in Medicine

1976-1977 Yearbook Staff, UCLA School of Medicine

1975-1976 UCLA Educational Policy and Curriculum Committee

Residency

2000-2001 Executive Council, Babies and Children's Hospital Columbia University

1999-2001 Babies and Children's Hospital Conscious Sedation Committee, Columbia

University

- 1998-1999 Children's Services Council, NYU School of Medicine
- 1998- 1999 Program Director's Council, Department of Pediatrics, NYU School of Medicine
- 1997-1998 Women's Advisory Council, Mayo Clinic Chair, Task Force on Establishment of Office for Women
- 1997-1998 East 9 Practice Committee, Mayo Clinic
- 1982-1984 Neurology Representative, Housestaff Association Executive Board, University of Wisconsin, Madison
- 1980-1981 Co-chairperson, Housestaff Association, University of Washington
- 1979-1981 Residency Selection Committee, COHMC (Children's Orthopedic Hospital), Seattle, WA

Faculty

- 2006-2011 Medical College of Wisconsin, IRB Committee
- 2002-2005 Medical College of Wisconsin, Admissions Committee
- 2002-2011 Departmental Appointments and Promotions Committee, Medical College of Wisconsin
- 2002-2011 Residency Selection Committee, Medical College of Wisconsin
- 2002-2011 Departmental Section Chiefs Committee, Medical College of Wisconsin
- 1996-1998 Pediatric Council, Mayo Clinic
- 1996-1998 Task Force, Pediatric Conscious Sedation, Mayo Clinic
- 1995-1998 Outreach Committee, Department of Pediatrics, Mayo Clinic
- 1993-1998 Education Committee, Department of Pediatrics, Mayo Clinic
- 1993-1998 Education Committee, Department of Neurology, Mayo Clinic
- 1993-1998 Hospital Practice Committee, Neurology Department, Mayo Clinic
- 1991-1993 Research and Development Committee, Neurology Department, University of Wisconsin Medical School, Madison, WI
- 1991-1993 Member, Pharmacy and Therapeutics Committee, University of

- Wisconsin Hospitals, Madison, WI
- 1989-1992 University of Wisconsin Medical School Admissions Committee
- 1989-1992 Subcommittee of Screening and Assessment for Early Intervention Program, University of Wisconsin, Madison, WI
- 1989-1992 Commission on Women's Issues, University of Wisconsin, Madison. Coauthor of document entitled, "Improving the Status of Women in Medicine at University of Wisconsin Medical School."
- 1987-1991 Departmental Practice Plan Committee, Neurology Department, University of Wisconsin, Madison
- 1987-1988 Medical Board, University of Wisconsin Hospitals

EDUCATION / TEACHING ACTIVITIES

Course Instructor

- 2011-Present Monthly teaching lectures to the EEG technologists
- 2011-Present Weekly Professor Rounds to pediatric and adult residents
- 2015-Present Monthly Neonatal Rounds with the perinatologists
- 1985-Present Faculty Mentor for residents, fellows, and junior faculty
- 1998-1999 Co-Instructor, Pediatric Residency Core Curriculum, NYU School of Medicine, New York, New York
- 1994-1998 Co-Instructor, Clinical neurophysiology Technician Course, Mayo Clinic, Rochester, Minnesota
- 1994-1998 Co-Instructor, Clinical Neurophysiology Course, Continuing Medical Education, Mayo Clinic, Rochester, Minnesota
- 1988 "Anticonvulsant Drugs". Second Year Pharmacology Course, University of Wisconsin Medical School, Madison, Wisconsin
- 1985-1992 Co-Instructor, Neuropathology Course. University of Wisconsin Medical School, Madison, Wisconsin

Students, Residents, Faculty or Fellows Mentored

| Yearly CHOC Attending Epileptologist Teaching Duties (July 2014 – Present) | | | |
|---|------------------------|----------------------------|------------------------|
| Activity & Weeks per Year | Avg Number of Students | Hours per week per student | Student Hours per Year |
| CHOC Epilepsy Unit Epilepsy Fellow | 1 | 15 | 180 |

| | | | |
|--|---|--------|------|
| Teaching 12 weeks per year | | | |
| CHOC Epilepsy Unit Pediatric Resident Teaching 12 weeks per year | 4 | 3 | 144 |
| CHOC Epilepsy Unit EEG Tech Didactics 50 weeks per year | 8 | 1 | 400 |
| CHOC Outpatient Clinic Pediatric Neurology Teaching Continuity Clinic 24 weeks per year | 1 | 5 | 120 |
| CHOC EEG Reading Epilepsy Fellow & Pediatric Neurology Resident Teaching 4 weeks per year | 2 | 10 | 80 |
| Professor Rounds 50 weeks per year | 4 | 1 | 200 |
| Monday Morning Report 50 weeks per year | 8 | 1 | 400 |
| Thursday Noon Conference 50 weeks per year | 8 | 1 | 400 |
| Friday Noon Epilepsy Surgical Conference 50 weeks per year | 8 | 1 | 200 |
| | | Total: | 2124 |

2011-Present University of California, Irvine / CHOC Children's

Child Neurology Division Faculty:

Tallie Baram, MD PhD
Joseph Donnelly, MD
Amanda Fernandez, MD
Anjalee Galion, MD
Autumn Ivy, MD, PhD
Thomas Megerian, MD
Andrew Mower, MD
Don Phillips, MD
Daniel Shrey, MD
Maija Steenari, MD
Sharief Taraman, MD
Julian Thomas, MD

Minodora Totoiu, MD, PhD
Anne Tourney, MD

Child Neurology Residents

Rohini Coorg, MD
Anjalee Galion, MD
Sharon Kim, MD
Maija Steenari, MD
Megan Waldrop, MD
Leann Hoang, MD
Rachel Peterson, MD
Virginia Liu, MD
Vi Tran, MD

Suman Ghosh, MD
Guojun Zhang, MD
Monika Garg, MD
Alshareef Ameen, MD
Rita Marshall, MD
David Adams, MD
Genieve Cruz, MD
Desiree Leviym, MD
Janetta Arellano, MD

Pediatric Neurophysiology Residents

| | | | |
|-----------|---------------------|-----------|--------------------|
| 2013-2014 | Daniel Shrey, MD | 2013-2014 | Maija Steenari, MD |
| 2015-2016 | Joshua Loeb, MD | 2016-2017 | Olivia Kim, MD |
| 2016-2017 | Neggy Rismanchi, MD | 2018-2019 | Tammy Yuen, MD |
| 2019-2020 | Clare Skora, MD | | |

2000-2011 *Medical College of Wisconsin, Milwaukee*

Child Neurology Divisional Faculty

| | |
|------------------------------|------------------------|
| Catherine Amlie-Lefond, MD | Kurt E. Hecox, MD, PhD |
| Richard D. Jacobson, MD, PhD | S. Anne Joseph, MD |
| Charles Marcuccilli, MD, PhD | Sunila E. O'Connor, MD |
| Michael J. Schwabe, MD | Uzma Sharif, MD |
| Harry T. Whelan, MD | |

Medical Students – Specific Mentor for these students

1995-1996 Kathleen Mayercheck Abrahamson, Medical Student

1996-1998 Adrienne Forstner-Barthell, Medical Student

Residents

University of Wisconsin

Steven Carter Goins, MD
Terrance S. Edgar, MD

Mayo Clinic

| | |
|------------------------|--------------------------------------|
| Gesina F. Keating, MD | Faculty at Northwestern University |
| Inna I. Vaisleib, MD | Faculty at Pittsburgh Medical School |
| Monica Beran-Koehn, MD | Faculty at Marshfield Clinic |

| | |
|------------------------|--|
| Deepak Lachwani, MD | Faculty at Cleveland Clinic |
| Ian Goldsmith, MD | Faculty at Baylor University |
| Pramote Laoprasert, MD | Faculty at University of Colorado Medical Center |

Columbia Presbyterian Medical Center

| | |
|---------------------|--|
| Roser Pons, MD | Faculty at Columbia University |
| Robert Fryer, MD | Faculty at Columbia University |
| Andrew Kim, MD | Faculty at Columbia University |
| Kathryn McVicar, MD | Faculty at Montifiore/Albert Einstein Medical School |

Medical College of Wisconsin – Adult and Pediatric Neurology Residents

| | |
|-----------------------|-------------------------------|
| Tracy Purath, MD | Sophos Geroulis, MD |
| Zachary Webb, MD | Santiago Ortega Gutierrez, MD |
| Dennis Ostrosky, MD | Prem Kandish, MD |
| Diana Fernandez, MD | Linga Reddy, MD, PhD |
| Edgar Evangelista, MD | Victor Szeder, MD, PhD |
| Shervin Eshraghi, MD | Joshua Morrison, MD |
| Richard Temes, MD | Eliza Oлару, MD |
| Smita Patel, DO | Dhruvil Pandya, MD |
| Douglas Woo, MD | Katie Spangler, MD |
| Marcus Chacon, MD | Jennifer Connelly, MD |
| Errol Gordon, MD | Kara Tower, MD |
| Jesse Corry, MD | Sima Patel, MD |
| Michael Connor, DO | Rehan Sajjad, MD |
| Samiya Rashid, MD | Rajul Parikh, MD |
| John Broderick, MD | Nitin Butala, MD |
| Colleen Vanderkolk | Justin Moon, MD |
| Thomas Wolfe, MD | Margo Block, MD |
| Amy Mellor, MD | Sophos Geroulis, MD |
| Leigh Ramos, MD | Dorota Telega, MD |
| Jaime Twanow, MD | Guojun Zhang, MD, PhD |
| Yuo Gon, MD | |

Clinical Neurophysiology / Epilepsy Fellows

| | |
|----------------------|--|
| Alison Pack, MD | Faculty at Columbia University |
| Anil Mendiratti, MD, | Faculty at Columbia University |
| Laura Karoukian, MD | Faculty at University of Southern California |
| Linda Leary, MD | Faculty at Columbia University |
| Tina Shin, MD | |
| Helmi Chin, MD | |
| Kelly Knapp, MD | Faculty at University of Colorado Medical Center |
| Leigh Ramos, MD | Faculty at University of Southern California |
| Dorota Telega, MD | Private practice |
| Jaime Twanow, MD | Private practice |

Educational Resources/Program Development

1. Development / Initiation of Pediatric Comprehensive Epilepsy Program 2015
 - a. Tuberous Sclerosis Complex Alliance Clinic

- b. Multidisciplinary Epilepsy Clinic
 - c. Epilepsy Surgery Program
 - d. Dravet Syndrome Center of Excellence
 - e. Ketogenic Diet Clinic
2. Epilepsy Educational Materials – Epilepsy Patient Care Handbook (English, Spanish, Vietnamese, Hmong), General Information regarding Seizures and Epilepsy; Epilepsy Syndromes; Diagnostic Tests; Epilepsy Seizure Action Plan; Antiepileptic Drugs. (Family education.) 2015
 3. Anonymous Donor – Multidisciplinary Epilepsy Program - \$2.5 Million over 3 years with physicians, Nurse Practitioners, Pharmacist, Dietician, Social Work, Psychologist, and Psychiatrist. Goal: To improve seizure outcome and improve quality of life in our pediatric patients.
 4. Website of Child Neurology Foundation – Pediatric Epilepsy Surgery 2015
 5. Development of Pediatric Residency Program – Teaching Curriculum 2011-2016
 6. Development / Initiation of Pediatric Clinical Neurophysiology Fellowship Training Program and Development of Curriculum 2014-2016
 7. Core Curriculum, Nurses-5W, Epilepsy Monitoring Unit, 2011-Present
 8. Website: www.wisconsinseizure.net, 2008-Present
 9. Hmong Video – Epilepsy: Qaug Dlaab Peg Hab Chualeeg, 2008 Audio Visual Gold Award. National award “Recognizing excellence in AV production”.
 10. *Manual of Pediatric Neurology*, for Pediatric Residents, 2002/2005
 11. Zupanc ML: “Pediatric Neurologist’s Aid in Diagnosing Hypotonia.” *UW Building Blocks* newsletter, Spring 1992
 12. Zupanc ML and Fost N: *Status Epilepticus Handbook for Pediatric Residents*. 1992
 13. *Handbook for Pediatric Neurology Residents: A Compilation of Pediatric Neurology Articles*, 1992

UNIVERSITY AND PUBLIC SERVICE

Current

- | | |
|--------------|---|
| 2011-Present | Epilepsy Support Network – frequent speaker |
| 2017-2020 | Participation in Transformational Idea Projects for the Neuroscience Institute, including 3D printing of the brain, to more appropriately plan epilepsy surgeries |
| 2017-Present | Lectures for community pediatricians |

2011-Present Orange County School Nurses Association – Advisor / Lecturer

2011-Present Member, Epilepsy Foundation of America, Professional Advisory Board, Orange County and Los Angeles County

2011-Present Professional Advisory Board, Epilepsy Foundation of Greater Los Angeles

2014-Present Committee member, Child Neurology Foundation Transition Committee

2015-2020 Chair, Pediatrics Committee, Orange County Medical Association

2015-Present Finance Committee member, Pediatric Epilepsy Research Consortium

2015-Present Board of Directors, Alternating Hemiplegia of Childhood Foundation

2015-2020 Board of Directors, National Association of Epilepsy Centers

2016-Present Board of Directors, Child Neurology Foundation

Previous

2003-2006 CURE (Citizens United for Research in Epilepsy) Scientific Advisory Board, Chicago, Illinois

1998-2001 Epilepsy Foundation of New York City, Member of Professional Advisory Board

1994-1999 Epilepsy Foundation of Minnesota, Member Professional Advisory Board

1991-1993 Secretary, Board of Directors, Wisconsin Epilepsy Association, Madison

1989-1993 Professional Advisory Committee for South Central Wisconsin Epilepsy Association

1988-1993 Board of Directors, Wisconsin Epilepsy Association

1992-1993 State Director - Wisconsin, American Women’s Association

1992-1993 Editor of Newsletter, Physicians for Social Responsibility, Madison, WI

1988-1992 Reorganization Committee of Wisconsin Chapter of the American Women’s Medical Association

1988-1992 Special Olympics Medical Advisory Committee, State of Wisconsin

1985-1993 Member, Wisconsin Department of Motor Vehicles Medical Review Board

1985-1992 Co-president, Physicians for Social Responsibilities, Madison Chapter

1984-1985 Secretary, Physicians for Social Responsibilities, Madison Chapter

Other Community Service Activities

| | |
|-------------|---|
| 1991 – 2001 | Girl Scout Leader |
| 1997 – 1998 | Executive Vice-President, Board of Directors, River Trails Girl Scout Council |
| 1999 - 2001 | Soccer Coach - Girls Intramural Sports |

Diversity

Development of the CHOC Children's / University of California, Irvine Comprehensive Epilepsy Program, we strive to work with our diverse community to bring increased access and awareness of epilepsy to these communities via:

- 1) Community Outreach (churches, schools, support networks) to increase access and awareness of epilepsy in underserved/minority populations.
 - 2006-2016 - Hmong
 - 2006-2016 - Native American Indians
 - 2006-Present - Spanish
 - 2011-Present - Vietnamese
- 2) The Epilepsy Support Network and Epilepsy Foundation of America are committed to increasing knowledge of epilepsy in our diverse population. Interpreters are present at most meetings. We are frequent speakers at these meetings.
- 3) Publication of educational materials, videos, etc. regarding epilepsy in different languages: English, Spanish, Vietnamese, and Hmong.
- 4) During each medical mission, I saw multiple patients each day for one week, evaluating patients for neurological problems, providing assessments, ordering diagnostic studies, and making suggestions for medical/surgical treatments. These evaluations were conducted with medical students, residents, and attending physicians. In addition, I gave multiple lectures to medical students, pharmacy students, graduate students, residents and attending physicians—on a variety of topics, encompassing multiple pediatric neurological conditions and pediatric epilepsy.

Title: *Multiple Lectures on Pediatric Neurology and Epilepsy*
Meeting/Event: Medical Mission---Arpan Global
Location: Vietnam
Date: April 2019

Title: *Multiple Lectures on Pediatric Neurology and Epilepsy*
Meeting/Event: Medical Mission---Arpan Global
Location: Armenia
Date: May 2017

- 5) I have recruited a very diverse clinical faculty in the division of pediatric neurology. We have grown from 4 pediatric neurologists to 16 full time pediatric neurologists (representing multiple subspecialties) and one full time nurse practitioner. We are still recruiting additional faculty. Our faculty have multiple different ethnic, religious, and cultural backgrounds. Among our faculty, we represent all parts of the United States and the world,

including Egypt, India, Philippines, Vietnam, Korea, Romania, Slovenia, Finland, and the United Kingdom. We are multilingual, with most of our faculty fluently speaking two languages. Our religious backgrounds are equally diverse: Hindu, Buddhist, Christian/Catholic, Muslim, Jewish. As a result of this diversity, we feel comfortable with patients from all backgrounds.