

Dear ASPNR Board of Directors,

I write to apply for a position as a Junior At Large member of the ASPNR Board of Directors. I am currently an Associate Professor of Radiology at the University of California San Francisco, in the division of Neuroradiology, where I subspecialize in Pediatric Neuroradiology. I have been an active member of ASPNR for the past 7 years, ever since my fellowship training. Through the ASPNR, I have met a wonderful community of friends, colleagues, and mentors, who constantly inspire me to grow in my knowledge and practice. The ASPNR has been instrumental in my career development, and I would be honored to serve on the Board to help plan the organization's growth and trajectory in future years. My specific engagements, including committee and speaker involvement, in ASPNR can be found on my attached CV, highlighted in yellow. I'd like to highlight two particular roles that have been most important:

Since March 2023, I have chaired the Case of the Week committee, which publishes a weekly interesting case submitted by a committee member. The case is shared on the ASPNR website and social media platforms. My role as Chair is to organize a weekly rotation of submissions amongst committee members, to ensure follow-through on a strict timeline, to edit case submissions for style and content, and to work closely with staff from Holland Parlette to ensure smooth, efficient publication. Weekly, after cases are published, I email our committee to congratulate the author and to share their good work with our group. Chairing this committee has been a highlight of my involvement with ASPNR; through this work, I have met so many enthusiastic members of our society and have learned so much from their contributions.

In 2022, I received the ASPNR Guerbet Research Grant. This grant gave me the funding, time and confidence to launch a research career, as well as a platform to develop collaborator relationships with neurologists, neonatologists and statisticians. I mentored a fellow on this work, who has now become a colleague in neuroradiology. My oral abstract scientific presentation on this work was awarded by members of this society with the 2022 ASNR Outstanding Presentation Award in the category of Pediatric Neuroradiology, and the final product of this work is a paper which was recently accepted for publication in *Radiology*. I am most grateful to the society for sponsoring my research career through this grant, and I hope to pay it forward through active involvement and contributions to the society.

Over the years, the ASPNR has inspired and sponsored much of my career trajectory and provided me with many opportunities to learn, grow and mentor as an academic pediatric neuroradiologist. I am immensely grateful to the society for all of its sponsorship and hope to give back by supporting the structure and vision of ASPNR through its Board, so it may continue to grow, gain new members, and benefit the careers of future generations of pediatric neuroradiologists.

**University of California, San Francisco**  
**CURRICULUM VITAE**

**Name:** Yi Li, MD

**Position:** Associate Professor of Clinical Radiology  
Radiology  
School of Medicine

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San Francisco, CA 94143  
Email: yi.li@ucsf.edu

**EDUCATION**

|             |  |                                 |
|-------------|--|---------------------------------|
| 2002 - 2006 | Duke University                        | BS Biology - Magna Cum Laude    |
| 2006 - 2011 | Harvard Medical School                 | MD Cum Laude                    |
| 2011 - 2012 | Beth Israel Deaconess Medical Center   | Preliminary Medicine Internship |
| 2012 - 2016 | University of California San Francisco | Radiology Residency             |
| 2016 - 2017 | University of California San Francisco | Neuroradiology Fellowship       |

**LICENSES, CERTIFICATION**

|      |   |
|------|---|
| 2011 | Massachusetts Medical License   |
| 2011 | Advanced and Basic Cardiac Life Support Certification                             |
| 2013 | California Medical License  |
| 2017 | DEA License   |
| 2017 | Fluoroscopy License   |
| 2017 | Board Certified, American Board of Radiology                                      |
| 2018 | Certificate of Added Qualification in Neuroradiology, American Board of Radiology |
| 2020 | UCSF Diversity, Equity, and Inclusion Champion                                    |

**PRINCIPAL POSITIONS HELD**

|             |   |                        |           |
|-------------|---|------------------------|-----------|
| 2017 - 2018 | University of California, San Francisco | HS Clinical Instructor | Radiology |
| 2018 - 2023 | University of California, San Francisco | Assistant Professor    | Radiology |

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| 2023 - present | University of California, San Francisco | Associate Professor | Radiology |
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### OTHER POSITIONS HELD CONCURRENTLY

|             |      |  |           |
|-------------|------|--|-----------|
| 2019 - 2021 | UCSF | Associate Program Director,<br>Neuroradiology Fellowship | Radiology |
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| 2021 - present | UCSF | Program Director,<br>Neuroradiology Fellowship | Radiology |
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### HONORS AND AWARDS

|      |   |   |
|------|---|---|
| 2002 | University Scholars Program Full Scholarship  | Duke University                               |
| 2006 | Phi Beta Kappa  | Duke University                               |
| 2006 | Magna Cum Laude   | Duke University                               |
| 2009 | Doris Duke Clinical Research Fellowship   | Doris Duke Charitable Foundation              |
| 2010 | Student Abstract Competition Winner for abstract, "MRI of fetuses with ventriculomegaly: can cortical development be used to predict postnatal outcome." Selected as the best abstract presented by a medical student at the ACP Annual Meeting 2010. | American College of Physicians Annual Meeting |
| 2010 | New Investigator Award, awarded for research on correlation between fetal ultrasound and fetal MRI for fetuses with ventriculomegaly  | American Institute of Ultrasound in Medicine  |
| 2011 | Cum Laude   | Harvard Medical School                        |
| 2014 | Cum Laude Award for Educational Exhibit, "Bevacizumab in Recurrent Glioma: Patterns of Treatment Failure and Complications." First author.  | Radiological Society of North America         |
| 2016 | Outstanding Resident Research Award, awarded annually to the graduating resident with the greatest research accomplishments in residency  | UCSF Margulis Alumni Society                  |

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| 2017 | Chief Fellow   | Neuroradiology Section, Department of Radiology, University of California, San Francisco |
| 2018 | Outstanding Fellow/Instructor Teaching Award, awarded annually by the UCSF radiology residents to the fellow/instructor who has provided the greatest contributions to their education               | Department of Radiology, University of California, San Francisco                         |
| 2019 | Finalist for Cornelius G. Dyke Memorial Award for most outstanding scientific paper submitted to the ASNR 2019 annual meeting  | American Society of Neuroradiology   |
| 2019 | Certificate of Merit for Educational Exhibit, "Radiologic Findings of Adrenoleukodystrophy and Their Clinical Importance." *Senior author mentoring a medical student as first author.               | Radiological Society of North America  |
| 2019 | Rahul Desikan Award for Outstanding Junior Faculty Clinical Research, Inaugural recipient; awarded to a junior faculty member for achievements and promise for a research career                     | UCSF Department of Radiology   |
| 2020 | Cum Laude Award for Scientific Poster, "Fetal MRI of Third and Fourth Branchial Sinus Anomalies." *Second author mentoring a fellow as first author.   | American Society of Pediatric Neuroradiology   |
| 2020 | Summa Cum Laude Award for Scientific Poster, "Essential Genomics of Pediatric Diffuse Gliomas for Neuroradiologists." *Second author mentoring a resident as first author.                           | American Society of Neuroradiology   |
| 2022 | Cum Laude Award for Scientific Poster, "Pediatric MOG-Associated Disease: Imaging Features at Presentation and Relapse." *Senior Author.   | American Society of Pediatric Neuroradiology   |
| 2022 | Selected to represent the Society for Pediatric Radiology in the Council for Early Career Investigators in Imaging (CECI2), a society devoted to developing research careers in the imaging sciences | Council for Early Career Investigators in Imaging (CECI2)                                |

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| 2022 | 2022 American Society of Neuroradiology Annual Meeting Outstanding Presentation Award in Pediatric Neuroradiology for Scientific Abstract: Quantitative volumetric and regional analysis of neonatal hypoxic-ischemic injury in a large prospective cohort from the HEAL trial | American Society of Neuroradiology                               |
| 2023 | Medical Student Teaching Award, awarded to a faculty member who demonstrates excellence in medical student teaching, mentoring and curriculum innovation   | Department of Radiology, University of California, San Francisco |

## PROFESSIONAL ACTIVITIES

### MEMBERSHIPS

|                |  |
|----------------|--|
| 2006 - 2011    | Massachusetts Medical Society                            |
| 2009 - 2012    | American Institute of Ultrasound in Medicine             |
| 2009 - present | Radiological Society of North America                    |
| 2012 - present | Society for Pediatric Radiology                          |
| 2016 - present | International Society for Magnetic Resonance in Medicine |
| 2016 - present | American Society of Neuroradiology                       |
| 2018 - present | American Society of Pediatric Neuroradiology             |
| 2020 - present | American Society of Functional Neuroradiology            |
| 2021 - present | Newborn Brain Society                                    |
| 2021 - present | International Pediatric Stroke Organization              |

### SERVICE TO PROFESSIONAL ORGANIZATIONS

|                |  |   |
|----------------|--|---|
| 2020 - present | Radiological Society of North America Research and Education Foundation Research Grant Study Section (multiple years: 2020, 2021 and 2022 grant cycle) | Study Section Grant member: 2020-2022, Vice Chair 2023, Chair 2024-2025 |
| 2023 - present | Radiological Society of North America Research & Education Foundation Grant Program Committee  | Member  |
| 2020 - present | American Society of Neuroradiology Young Professionals Committee (YPC)   | Member  |
| 2020 - present | American Society of Neuroradiology Young Professionals Committee "Pearls from the Pros" newsletter   | Director/Founder  |

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| 2020 - present | American Society of Neuroradiology Abstracts and Awards Committee (multiple years: 2020, 2021, 2022 cycles)                         | Scientific Abstract Reviewer, Awards Reviewer             |
| 2020 - 2023    | American Society of Pediatric Neuroradiology Case of the Month Committee  | Member  |
| 2023 - present | American Society of Pediatric Neuroradiology Case of the Week Committee   | Chair   |
| 2021 - 2022    | American Society of Pediatric Neuroradiology Learning Library Committee   | Organizer of Neonatal Injury section; lecture contributor |
| 2019 - 2023    | American Society of Pediatric Neuroradiology Abstracts/Awards Committee   | Member  |
| 2021 - present | American Society of Pediatric Neuroradiology Annual Meeting "Twitter Takeover" social media team (Annual Meetings 2021, 2022, 2023) | Member  |
| 2021 - present | National Comprehensive Cancer Network Pediatric Central Nervous System Cancers Guideline Panel                                      | Member  |
| 2021 - present | American Society of Neuroradiology Fellowship Directors Committee   | Member, YPC Liaison                                       |
| 2021 - present | Society for Pediatric Radiology Neonatal Imaging Committee  | Member  |

### **SERVICE TO PROFESSIONAL PUBLICATIONS**

|                |                               |
|----------------|-------------------------------|
| 2015 - present | Reviewer, Radiology           |
| 2019 - present | Reviewer, JAMA Neurology      |
| 2020 - present | Reviewer, AJNR                |
| 2020 - present | Reviewer, Neurology           |
| 2020 - present | Reviewer, PLOS One            |
| 2020 - present | Reviewer, Pediatric Radiology |
| 2022 - present | Reviewer, Pediatric Research  |

### **INVITED PRESENTATIONS - INTERNATIONAL**

|      |   |                 |
|------|---|-----------------|
| 2021 | International Society for Magnetic Resonance in Medicine/Society for MR Radiographers and Technologists Virtual Meeting on Pediatric MRI, virtual, "Clinical Applications of Diffusion Weighted Imaging in Pediatric Neuroradiology." | Invited Speaker |
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| 2021 | International Pediatric Radiology Congress. Rome, Italy, "Neonatal Diffusion Weighted Imaging."  | Invited Speaker |
| 2022 | American Society of Neuroradiology/Symposium Neuroradiologicum. New York City, New York. "Sequela of HSV1 and HSV2 Central Nervous System Infection."                        | Invited Speaker |
| 2022 | International Society for Magnetic Resonance in Medicine Virtual Meeting on Pediatric MRI, virtual, "Big Data in Pediatric Brain Imaging Research"                           | Moderator       |
| 2022 | Newborn Brain Society, virtual. "MRI of Hypoxic Ischemic Brain Injury: Qualitative and Quantitative Findings"  | Invited Speaker |
| 2022 | American Society of Pediatric Neuroradiology, International Pediatric Neuroradiology Teaching Network, "Update on Congenital and Neonatal Central Nervous System Infection." | Invited Speaker |
| 2023 | International Society for Magnetic Resonance in Medicine Annual Meeting, Toronto, Canada, "Pediatric Autoimmune Encephalitis."   | Invited Speaker |

#### INVITED PRESENTATIONS - NATIONAL

|      |   |                              |
|------|---|------------------------------|
| 2020 | American Society of Pediatric Neuroradiology Annual Meeting, Miami, FL, "Case Presentation: Septo-Optic Dysplasia."                       | Invited Speaker              |
| 2020 | ENT for the PA-C Annual Meeting, San Francisco, CA "Spaces of the Neck" and "Skull Base Anatomy and Pathology."                           | Invited Speaker              |
| 2020 | Pediatric Academic Societies: Neonatal Neurology Research Webinar Series, virtual meeting, "MRI of Mild Hypoxic Ischemic Encephalopathy." | Invited Speaker              |
| 2021 | ENT for the PA-C Virtual Annual Meeting, virtual meeting, "Spaces of the Neck" and "Skull Base Anatomy and Pathology."                    | Invited Speaker              |
| 2021 | Radiology Leadership Institute, virtual meeting, "Choosing an Academic Career," "Fair Pay and Compensation in Academic Radiology."        | Invited Speaker (2 lectures) |
| 2021 | Virtual Grand Rounds speaker at Stony Brook Medicine Department of Radiology (virtual due to Covid-19): "Acute Neonatal Brain Injury."    | Invited Speaker              |
| 2021 | Virtual Visiting Professor at Oregon Health and Science University (virtual due to Covid-19): "Acute Neonatal Brain Injury."              | Invited Speaker              |

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| 2021 | American Society of Neuroradiology Annual Meeting, virtual meeting, "Young Professionals Society: Diversity, Equity and Inclusion"                               | Moderator   |
| 2021 | American Society of Functional Neuroradiology, Santa Fe, New Mexico, "Advanced Head and Neck Imaging."   | Moderator   |
| 2021 | Radiological Society of North American Annual Meeting 2021, Chicago, IL, "Controversies in Pediatric Stroke Imaging."  | Invited Speaker                                     |
| 2021 | UCLA-American College of Radiology Career Symposium, "Choosing an Academic Career."  | Invited Speaker                                     |
| 2022 | American Society of Pediatric Neuroradiology Annual Meeting, Miami, FL, "Infrasellar Craniopharyngioma"  | Case of the Day<br>Poster Presentation              |
| 2022 | American Society of Pediatric Neuroradiology Annual Meeting, Miami, FL, "Pediatric Temporal Bone"  | Moderator   |
| 2022 | Society for Pediatric Radiology Improving Pediatric Radiology Protocols Course, virtual, "Optimizing Protocols: CT Brain"  | Invited Speaker                                     |
| 2022 | American Society of Neuroradiology Annual Meeting, New York City, New York. "HSV1 and HSV2: Spectrum of Disease."  | Invited Speaker                                     |
| 2022 | American Society of Functional Neuroradiology Annual Meeting, Maui, Hawaii. "Quantitative Imaging in Neonatal Brain Injury."                                     | Invited Speaker                                     |
| 2022 | American Society of Functional Neuroradiology Annual Meeting, Maui, Hawaii. "Promoting Diversity in Advanced Functional Neuroimaging."                           | Panelist/Speaker                                    |
| 2022 | American Society of Pediatric Neuroradiology eLearning Library, online. "Normal Brain Maturation."   | Invited Speaker                                     |
| 2023 | American Society of Pediatric Neuroradiology Annual Meeting, New Orleans, LA, "Quantitative ADC Biomarker of Hypoxic Ischemic Injury: Correlation with Outcome." | Guerbet Grant<br>Recipient talk;<br>Invited Speaker |

#### INVITED PRESENTATIONS - REGIONAL AND OTHER INVITED PRESENTATIONS

|      |   |                 |
|------|---|-----------------|
| 2014 | Bay Area Pediatric Radiology Society Fall Meeting: President's Invited Lecture, San Francisco, CA, "Pediatric Vascular Malformations"   | Invited Speaker |
| 2017 | UCSF Memory and Aging Center Grand Rounds, San Francisco, CA, "Regional TSC1 and TSC2 Gene Expression: Implications for Cerebellar Development in Patients with Tuberous Sclerosis Complex" | Invited Speaker |



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| 2018 | UCSF Department of Pediatric Neurology Teaching Rounds, San Francisco, CA, "Polymicrogyria: Imaging and Embryology"                           | Invited Speaker |
| 2018 | UCSF Division of Pediatric Emergency Medicine Teaching Conference, San Francisco, CA, "CT and MRI of Subarachnoid Hemorrhage"                 | Invited Speaker |
| 2018 | UCSF Division of Pediatric Intensive Care Morbidity and Mortality Conference, "MRI Safety in Cardiac Surgery Patients"                        | Invited Speaker |
| 2019 | UCSF Division of Pediatric Intensive Care Morning Conference, "Introduction to Neuroradiology"  | Invited Speaker |
| 2019 | UCSF Department of Neurology Teaching Conference, "Supratentorial Ependymomas"  | Invited Speaker |
| 2019 | UCSF Neonatal Intensive Care Nursery Teaching Conference, "Acute Neonatal Brain Injury"   | Invited Speaker |
| 2019 | UCSF Division of Pediatric Infectious Disease Teaching Conference, "Congenital and Perinatal CNS Infections"                                  | Invited Speaker |
| 2019 | UCSF Division of Pediatric Neurology Teaching Conference, "Pediatric Hydrocephalus"   | Invited Speaker |
| 2020 | UCSF Department of Radiology Continuing Medical Education Course, Yosemite, CA (*canceled one month prior due to Covid-19)                    | Invited Speaker |
| 2020 | UCSF Department of Neurology Teaching Conference, "Imaging of Hydrocephalus"  | Invited Speaker |
| 2020 | UCSF Neonatal Intensive Care Nursery Teaching Conference, "Congenital and Perinatal CNS Infections"   | Invited Speaker |
| 2020 | UCSF Division of Pediatric Infectious Disease Teaching Conference, "Congenital and Perinatal CNS Infections"                                  | Invited Speaker |
| 2021 | UCSF Division of Pediatric Neurology Teaching Conference, "Granulomatous Amoebic Encephalitis: Review of 2 Cases"                             | Invited Speaker |
| 2021 | UCSF Division of Pediatric Intensive Care Morbidity and Mortality Conference, "Case of Progressive CNS Vasculopathy From Bleomycin Toxicity." | Invited Speaker |
| 2021 | UCSF Division of Pediatric Intensive Care Teaching Conference, "Introduction to Neuroradiology."  | Invited Speaker |
| 2022 | UCSF Division of Pediatric Neurology Teaching Conference, "Rasmussen's Encephalitis"  | Invited Speaker |

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| 2022 | UCSF Newborn Brain Research Institute, "Quantitative Imaging of Hypoxic Ischemic Encephalopathy"                   | Invited Speaker |
| 2022 | UCSF Neonatal Intensive Care Nursery Teaching Conference, "Neonatal Brain Injury"                                  | Invited Speaker |
| 2022 | UCSF Neonatal ICN Training Class lecture, " Neonatal Brain Imaging: Practical Approach and Imaging Interpretation" | Invited Speaker |

## UNIVERSITY AND PUBLIC SERVICE

### UNIVERSITY SERVICE

#### SCHOOL OF MEDICINE

|                |  |                          |
|----------------|--|--------------------------|
| 2019 - present | Neonatal MRI Quality Improvement Committee                       | Radiology Representative |
| 2020 - present | Newborn Brain Research Institute                                 | Member                   |
| 2021 - 2021    | Pediatric Hematology/Oncology Faculty Search Interview Committee | Interviewer/Member       |
| 2021 - 2022    | Child Neurology Faculty Search Interview Committee               | Interviewer/Member       |

#### DEPARTMENTAL SERVICE

|                |   |   |
|----------------|---|---|
| 2017 - present | Clinical Competency Committee, Neuroradiology Section   | Member  |
| 2017 - present | Program Evaluation Committee, Neuroradiology Section  | Member  |
| 2018 - present | "Scan Without Anesthesia Program" Committee, UCSF Benioff Children's Hospital   | Member  |
| 2019 - present | Neuroradiology Fellowship, Department of Radiology, Neuroradiology Section  | Associate Program Director 2019-2021, Program Director 2021-present |
| 2019 - 2019    | Neuroradiology Faculty Search Committee, Department of Radiology, Neuroradiology Section (multiple years: 2019, 2020, 2023, 2022, 2023) | Member  |
| 2020 - present | Trainee Administrative Review Committee   | Member  |
| 2020 - present | Postgraduate Education Committee  | Member  |
| 2020 - present | Department Childcare Taskforce  | Member  |

## RESEARCH AND CREATIVE ACTIVITIES

### RESEARCH AWARDS - CURRENT

- |  |                        |  |   |
|--|------------------------|--|---|
| 1. R01NS111166<br>NIH/NINDS<br>Neonatal Seizure Registry Developmental<br>Functional Evaluation (NSR-DEV)  | Co-Investigator        | 5 % effort<br>3/15/2020<br>\$ 1,319,755<br>direct/yr 1 | Glass/Shellhaas (PI)<br>2/29/2024<br>\$ 4,612,339 total |
| <p>The aim of this study is to examine early childhood neurodevelopmental outcomes and parent well-being in children with a history of neonatal seizures.</p> <p>I am a co-investigator and review neonatal and early childhood MRIs for seizure etiology and evolution of injury. These MRI findings will contribute to multiple papers evaluating how MRI predicts neurodevelopmental outcome.</p>   |                        |  |   |
| 2.<br>Society for Pediatric Radiology Young Investigator<br>Award<br>Fractional Anisotropy and Functional Recovery in<br>Infants with Brachial Plexus Birth Injury   | Principal Investigator | 9 % effort<br>1/1/2022<br>\$ 30,000 direct/yr 1        | Li (PI)<br>12/31/2022<br>\$ 30,000 total                |
| <p>The overall objective of this study is to prospectively investigate the predictive value of MR neurography with DTI in a population of infants with BPBI, in an effort to better understand the physiology of peripheral nerve injury and repair and to predict functional outcomes, and in particular, the need for surgical repair.</p> <p>I am the Principal Investigator and will ensure study design and completion.</p>   |                        |  |   |
| 3.<br>American Society of Pediatric Neuroradiology<br>Hypoxic Ischemic Encephalopathy Outcome<br>Prediction with Quantitative ADC Analysis (HIP-<br>ADC)   | Principal Investigator | 2/1/2022<br>\$ 20,000 direct/yr 1                      | Li (PI)<br>1/31/2023<br>\$ 20,000 total                 |
| <p>The long term goal of this application is to determine the correlation between automated quantitative ADC measurements and 2-year HIE functional outcomes, using an existing repository of neonatal brain MRIs obtained at 5 days of age when diffusion weighted imaging (DWI) is most sensitive to acute hypoxic ischemic injury. Our central hypothesis is that infants with larger volumes of acute brain injury, and injury in a basal ganglia/thalamic pattern, will demonstrate more severe cognitive and/or motor impairment at 24 months.</p> <p>I am the Principal Investigator and will ensure study design and completion.</p> |                        |  |   |
| 4. 1R01DC019167-01A1<br>NATIONAL INSTITUTE ON DEAFNESS AND<br>OTHER COMMUNICATION DISORDERS<br>Neural mechanisms of speech motor control in<br>Autism Spectrum Disorders   | Co-Investigator        | 5% % effort<br>08/02/2021                              | Demopoulos (PI)<br>5/31/2026                            |

The objective of this study is to characterize the specific processes in the speech motor system in participants with ASD in order to understand the factors that lead to impaired speech. The long-term goal is to identify new directions for novel approaches to treatment that target the specific barriers to speech for individuals with ASD.

I provide qualitative image interpretation and analysis for the imaging component of this study, with the eventual hope of correlating MRI features with clinical outcomes.

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| 5. 814693 | Co-Investigator   | 2% % effort                           | Kim (PI)               |
|           | American Heart Association Bugher Foundation  | 01/01/2021                            | 12/30/2024             |
|           | Project 1: Predictors of Growth, Recurrence, and High-Risk Features in Pediatric Brain Arteriovenous Malformation | \$ 193,004 direct/yr<br>1 direct/yr 1 | \$ 828,864 total total |

Project 1 aims to identify imaging and biological factors associated with AVM growth, recurrence, and development of high-risk features in children diagnosed with brain AVM.

I will review Vessel Wall Imaging MRI from prospectively enrolled subjects, advise the team of notable MRI findings, and collaborate with other imaging specialists to evaluate imaging findings in a cohort of pediatric patients with arteriovenous malformations.

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| 6. Private Donation | Co-Investigator  |                           | Fullerton (PI)     |
|                     | Marc and Lynne Benioff   | 4/1/2022                  | 4/30/2027          |
|                     | Charting New Frontiers in Pediatric Stroke Treatment: the Benioff Endovascular Therapy in Childhood (BET-C) Initiative | \$ 680,000 direct/yr<br>1 | \$ 3,400,000 total |

The goal of the BET-C initiative is to determine whether endovascular thrombectomy (EVT) should be offered in children with arterial ischemic stroke and large artery occlusion. This multicenter pilot study will identify clinical and imaging predictors of EVT benefit and harm.

I am the lead lead neuroradiologist on this study and co-investigator, leading the efforts to determine the role of advanced perfusion imaging in stratifying pediatric patients with acute arterial ischemic stroke.

**RESEARCH AWARDS - PAST**

|    |   |              |                 |
|----|---|--------------|-----------------|
| 1. | Principal Investigator  | 100 % effort | Li (PI)         |
|    | Doris Duke Clinical Research Fellowship   | 7/1/2009     | 6/30/2010       |
|    | MRI of Fetal Ventriculomegaly: Can Cortical Development Predict Post-natal Outcome in Fetuses with Ventriculomegaly |              | \$ 27,000 total |

Prospective cohort study of fetuses with ventriculomegaly, enrolled at the time of ultrasound diagnosis of ventriculomegaly. All patients underwent subsequent fetal MRI. Fetuses were followed for outcome, and those with live birth outcome underwent yearly clinical neurodevelopmental follow-up until 5 years of age.

In conjunction with attending radiologists, I rated the appearance of sulci on fetal MRI in this population of fetuses with ventriculomegaly and correlated cortical development with postnatal neurodevelopmental outcome.

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| 2. | Principal Investigator | 100 % effort | Li (PI) |
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Harvard Medical School Office of Enrichment Programs 9/1/2007 9/1/2008  
Research Grant

MRI of Fetal Ventriculomegaly: Callosal Dysgenesis in Fetuses with Ventriculomegaly \$ 10,000 total

Prospective cohort study of fetuses with ventriculomegaly, enrolled at the time of ultrasound diagnosis of ventriculomegaly. All patients underwent subsequent fetal MRI. Fetuses were followed for outcome, and those with live birth outcome underwent yearly clinical neurodevelopmental follow-up until 5 years of age.

In conjunction with attending radiologists, I rated the appearance of the corpus callosum on fetal MRI in this population of fetuses with ventriculomegaly and correlated callosal dysgenesis with postnatal neurodevelopmental outcome.

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| 3. A128345 | Co-Investigator (with Leo Sugrue)                              | 20 % effort            | Dale (UCSD) (PI)   |
|            | Subcontract from the ABCD research consortium                  | 6/1/2016               | 5/31/2026          |
|            | Adolescent Brain Cognitive Development (ABCD) - USA Consortium | \$ 100,000 direct/yr 1 | \$ 1,000,000 total |

The ABCD study is the largest long-term study of brain development and child health in the United States. The ABCD Research Consortium consists of a Coordinating Center, a Data Informatics and Analysis Center, and 19 research sites across the country which will recruit approximately 10,000 children ages 9-10 and follow them into early adulthood. Integrating structural and functional brain imaging with genetics, neuropsychological, behavioral, and other health assessments, the ABCD Study will increase our understanding of the many factors that can enhance or disrupt a young person's life trajectory. Structural MRI provides detailed anatomic visualization of neuroanatomic structures of the developing human brain. Our objective is to neuroradiologically evaluate structural MRI scans from subjects in the ABCD study to identify abnormalities of the cerebral cortex, deep gray nuclei and posterior fossa. Specifically: We will perform neuroradiological reads to identify morphometric abnormalities on T1 and T2-weighted MRI scans. We will use neuroradiologic evaluation, post-processing and statistical analyses to evaluate the relationship between normal and abnormal development of brain regions, cognitive testing and genetic/genomic markers.

I contributed to neuroradiological assessment of structural imaging, data and image analysis, and writing manuscripts.

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| 4. 5000-140026-2012295 | Co-Investigator   |                     | Wu (PI)   |
|                        | SOM Faculty Learning and Development Fund   | 7/1/2017            | 6/30/2019 |
|                        | Training a Team of Neonatal Brain Injury Researchers in the use of the Wash U Neonatal Brain MRI Scoring System for Hypoxic-Ischemic Encephalopathy (HIE) | \$ 5000 direct/yr 1 |           |

The main goal of this grant is to train UCSF faculty members to use a Washington University brain MRI scoring system that evaluates severity of brain injury in newborn infants with hypoxic-ischemic encephalopathy.

I trained to use the Wash U Neonatal Brain MRI Scoring System to apply to a multicenter cohort of patients enrolled in a clinical trial with mild hypoxic ischemic encephalopathy.

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|----|-----------------|-------------|-----------------------|
| 5. | Co-Investigator | 10 % effort | Shellhaas/ Glass (PI) |
|----|-----------------|-------------|-----------------------|

Pediatric Epilepsy Research Foundation 9/1/2017 8/31/2019  
 Neonatal Seizure Registry II – Spasm Prediction After  
 Symptomatic neonatal seizures (NSRII – SPASM)

The main goal of this grant is to assess clinical and radiologic predictors of infantile spasm in a cohort of neonates with seizures due to acquired neonatal brain injury.

I created a scoring system for rating imaging findings on MRIs of neonates enrolled in the study and scored all MRIs obtained as part of the study.

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| 6. | Principal Investigator   | 40 % effort           | Li (PI)          |
|    | Radiological Society of North America                                    | 7/1/2019              | 6/30/2021        |
|    | MRI and Short-term Outcomes from the Neonatal Seizure Registry (NSR-MRI) | \$ 76,000 direct/yr 1 | \$ 152,000 total |

The overall objective of this grant application is to characterize imaging predictors of short-term neurologic prognosis in neonates after onset of acute symptomatic seizures. Our central hypothesis is that specific locations and patterns of injury will correlate with worse neurologic outcome, as defined by a higher burden or severity of neonatal seizures, as well as the development of post-neonatal epilepsy.

I am the Principal Investigator on the grant and am responsible for the conception and execution of the grant, including data analysis and publication.

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|----|-----------------|-----------------|------------|---|
| 7. | NIH R61AT009864 | Co-Investigator | 5 % effort | Tymofiyeva<br>(contact<br>PI)/Yang (PI) |
|    | NIH NCCIH       |                 | 7/1/2019   | 6/30/2021                               |

Neural mechanisms of meditation training in healthy and depressed adolescents: An MRI connectome study

The goal of this R61/R33 randomized controlled clinical trial is to determine the neural mechanism by which meditation exerts its positive effect on emotional health of healthy and depressed adolescents.

I evaluated the structural neuroimaging for the subjects in this cohort.

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|----|---|-----------------------|-----------------|
| 8. | Principal Investigator  |                       | Li (PI)         |
|    | UCSF Department of Radiology Seed Grant   | 1/1/2021              | 1/1/2022        |
|    | Evaluation of Mechanical Properties of the Developing Brain through MR Elastography | \$ 30,000 direct/yr 1 | \$ 30,000 total |

The goal of this project is to establish a protocol for scanning neonatal brains with MR elastography and to collect preliminary data on the stiffness of normal neonatal brains, as well as brains with acute ischemic injury.

I am the Principal Investigator and solely responsible for the research conducted in this study.

## PEER REVIEWED PUBLICATIONS

1. Li Y, Sansgiri RK, Estroff JA, Mehta TS, Poussaint TY, Robertson RL, Robson CD, Feldman HA, Barnewolt C, Levine D. Outcome of fetuses with cerebral ventriculomegaly and septum pellucidum leaflet abnormalities. AJR Am J Roentgenol. 2011 Jan; 196(1):W83-92. PMID: 21178039. PMCID: PMC3755483

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12. Bonham LW, Karch CM, Fan CC, Tan C, Geier EG, Wang Y, Wen N, Broce IJ, **Li Y**, Barkovich MJ, Ferrari R, Hardy J, Momeni P, HÄ¶glinger G, MÄ¶ller U, Hess CP, Sugrue LP, Dillon W, Schellenberg GD, Miller BL, Andreassen OA, Dale AM, Barkovich AJ, Yokoyama JS, Desikan RS. CXCR4 involvement in neurodegenerative diseases. *Transl Psychiatry*. 2018 Apr 11; 8(1):73. PMID: 29636460.
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## BOOKS AND CHAPTERS

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## OTHER PUBLICATIONS

1. "Isolated Sulfite Oxidase Deficiency." Case of the Month, *American Society of Pediatric Neuroradiology*. <https://asprn.org/case-of-the-month-january-2020/>
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3. "Vigabatrin Associated Brain Abnormalities." Society for Pediatric Radiology unknown case # 293. Published in May 2022. <https://www.pedrad.org/Education/Unknown-Case>

4. "Vigabatrin Associated MRI Abnormalities." Case of the Month, American Society of Pediatric Neuroradiology. <https://asprn.org/case-of-the-month-April-2022/>
5. "Teenager with Seizure and Aphasia: Myelin Oligodendrocyte Glycoprotein Associated Disease." Case of the Week #156, American Society of Pediatric Neuroradiology. <https://asprn.org/learning/cases/teenager-with-seizure-and-aphasia/>

## CONFERENCE ABSTRACTS

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10. Li Y., Lee M.M., Worters P.W., MacKenzie J.D., Laszik Z., Courtier J. Diffusion Tensor Imaging in Pediatric Renal Transplants: Testing a Potential Non-Invasive Alternative to Biopsy. Podium Presentation, International Pediatric Radiology 7th Conjoint Meeting and Exhibition. May 15-20, 2016. Chicago, Illinois.

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20. **Li Y.**, Desikan R., Dale A., Jernigan T., Dougherty R., Sugrue L. Structural MRI Findings in a Group of Typically Developing Adolescents Enrolled in the Adolescent Brain Cognitive Development (ABCD) Cohort. Oral Scientific Presentation, American Society of Neuroradiology Annual Meeting 2018; June 2-7, 2018; Vancouver, British Columbia, Canada.
21. **Li Y.**, Li Z., Ammanuel S., Gillan D., Shah V. Efficacy of a Lumbosacral Spine Phantom in Improving Trainee Proficiency and Confidence in CT-guided Spine Procedures. Oral Scientific Presentation, American Society of Neuroradiology Annual Meeting 2018; June 2-7, 2018; Vancouver, British Columbia, Canada.

22. Wu X., **Li Y.**, Glastonbury C., Cha S. Involvement of the Olfactory Apparatus in CNS Glial Tumors. Oral Scientific Presentation, American Society of Neuroradiology Annual Meeting 2018; June 2-7, 2018; Vancouver, British Columbia, Canada.
23. Aboian M., Solomon D.A., Kline C., Vardapetyan A., Tong E., **Li Y.**, Felton E., Braunstein S., Mueller S., Cha S. Diffusion Characteristics of Pediatric Diffuse Midline Gliomas with Histone H3 H27M Mutation using Apparent Diffusion Coefficient Histogram Analysis. Poster Presentation, Society for Neuro-Oncology 22nd Annual Meeting; November 16-19, 2017; San Francisco, California.
24. Mikhail M., **Li Y.**, Richie M., Lahue S., Cha S. Nocardia - No Problem! Imaging Features and Case Series of Intracranial Nocardia. Electronic Poster Presentation; American Roetgen Ray Society Annual Meeting, May 5-10, 2019; Honolulu, Hawaii.
25. **Li Y.**, Xu D., Chetty S., Glenn O.A. Fetal MRI Diagnosis of Intracranial Tumors with Pathologic Confirmation. Poster Presentation; American Society of Pediatric Neuroradiology Annual Meeting, January 18-20, 2019; New Orleans, Louisiana.
26. Soderlund K., **Li Y.**, Glenn O.A. LUMBAR Syndrome: Fetal and Post-Natal Clinical and Imaging Findings. Poster Presentation; American Society of Pediatric Neuroradiology Annual Meeting, January 18-20, 2019; New Orleans, Louisiana.
27. Lahue S., Mikhail M., **Li Y.**, Cha S., Richie M. Clinical and pathological characteristics of adults with central nervous system nocardiosis. Podium Presentation; American Academy of Neurology Annual Meeting, May 4-10, 2019; Philadelphia, Pennsylvania.
28. **Li Y.**, Bollen A., Solomon D., Cha S. Systemic and Craniospinal Rosai-Dorfman Disease with Intraparenchymal, Intramedullary and Leptomeningeal Disease. Excerpta Podium Presentation, American Society of Neuroradiology Annual Meeting 2019; May 18-23, 2019; Boston, Massachusetts.
29. **Li Y.**, Nillo R., Olaru M., Tanikella R., Desikan R., Pfefferbaum A., Sugrue L. Periventricular Nodular Heterotopia: Prevalence and Significance in Typically Developing Adolescents. Oral Scientific Presentation, American Society of Neuroradiology Annual Meeting 2019; May 18-23, 2019; Boston, Massachusetts.
30. **Li Y.**, Xu D., Chetty S., Glenn O.A. Fetal MRI Diagnosis of Intracranial Tumors with Pathologic Confirmation. Electronic Educational Exhibit, American Society of Neuroradiology Annual Meeting 2019; May 18-23, 2019; Boston, Massachusetts.
31. Oladipo A., **Li Y.**, Gandhi S., Shum D. "Too Much Water in the Head:" Multi-Modality Imaging Review of Fetal Ventriculomegaly, Intracranial Cystic Masses, and Mimics. Educational Exhibit, Radiological Society of North America Annual Meeting 2019. December 1-7, 2019. Chicago, Illinois.
32. Jo J.E., Gupta N., **Li Y.** Congenital Spinal Anomalies: What the Neurosurgeon Wants to Know. Educational Exhibit, Radiological Society of North America Annual Meeting 2019. December 1-7, 2019. Chicago, Illinois.
33. Chan M.W., Chen Y., Gillon S., Glastonbury C.M., **Li Y.** Brain on Fire: Understanding Autoimmune Encephalitis. Educational Exhibit, Radiological Society of North America Annual Meeting 2019. December 1-7, 2019. Chicago, Illinois.
34. Sosa N., **Li Y.** Radiologic Findings of Adrenoleukodystrophy and Their Clinical Importance. Educational Exhibit, Radiological Society of North America Annual Meeting 2019. December 1-7, 2019. Chicago, Illinois.

35. Laguna B.A.\*, **Li Y.**, Shah V., Courtier J.L. You're Getting on my Nerves: A Review of Current and Future Applications of DTI Tractography of the Central and Peripheral Nervous System. Educational Exhibit, Radiological Society of North America Annual Meeting 2019. December 1-7, 2019. Chicago, Illinois. (\*Second author mentoring a trainee.)
36. Villanueva-Meyer J.E., Shin D., **Li Y.**, Alcaide Leon B.S., Banerjee S., Brau A., Level R.M., Glastonbury C.M. Denoising MR Images of the Cervical Spine: Multi-reader Assessment of a Deep Learning Approach. Scientific Abstract, Radiological Society of North America Annual Meeting 2019. December 1-7, 2019. Chicago, Illinois.
37. LaHue S.C., Mikhail M., **Li Y.**, Cha S., Richie M. Clinical and pathological characteristics of adults with central nervous system nocardiosis. Scientific Abstract, American Academy of Neurology Annual Meeting 2019. May 4-10, 2019. Philadelphia, Pennsylvania.
38. Glass HG, Grinspan ZM, **Li Y**, McNamara NA, Chu C, Abend NS, Thomas C, Chang T, Massey SL, McCulloch CE, Lemmon M, Shellhaas RA. A New Risk Prediction Tool for Infantile Spasms after Acute Symptomatic Neonatal Seizures. Scientific Abstract, American Epilepsy Society Annual Meeting 2019. December 6-10, 2019. Baltimore, Maryland.
39. Mashhood A\*, **Li Y**, Mamlouk M, Feldstein V, Glenn OA. Fetal MRI Diagnosis of Third and Fourth Branchial Sinus Anomalies. Scientific Poster, American Society of Pediatric Neuroradiology Annual Meeting 2019. January 10-12, 2020. Miami Beach, Florida. (\*Second author mentoring a trainee)\*Cum Laude Award
40. Mashhood A, Mamlouk M, Lindan C, **Li Y**, Barkovich AJ, Glenn OA. Fetal MRI of Walker Warburg Syndrome. Scientific Poster, American Society of Pediatric Neuroradiology Annual Meeting 2019. January 10-12, 2020. Miami Beach, Florida.
41. Zapala M, **Li Y**, Belisario J, Phelps AS, Courtier JL, Vlases C. Virtual reality simulations of pediatric MRI exams increase anticipatory knowledge and reduce nervousness in a pediatric cohort. Scientific Abstract, Society for Pediatric Radiology 2020 Annual Meeting & Postgraduate Course. May 9 - 15, 2020. Miami, Florida.
42. Junn J\*, **Li Y**, Soderlund K, Matthieu J, Glastonbury CM. A Review of Atypical or Uncommon Causes of CNS Vasculopathy and Vasculitis. Educational Exhibit, American Society of Neuroradiology 58th Annual Meeting. May 30-June 4, 2020. Las Vegas, Nevada. (\*Second author mentoring a trainee)
43. Junn J\*, **Li Y**, Soderlund K, Matthieu J, Glastonbury CM. Understanding Causes of Neuropathy in the Pediatric Population. Educational Exhibit, American Society of Neuroradiology 58th Annual Meeting. May 30-June 4, 2020. Las Vegas, Nevada. (\*Second author mentoring a trainee)
44. **Li Y**, Yuh E, Strober J, Gupta N, Chin CT. Fractional Anisotropy Predicts Recovery in Pseudomeningoceles from Brachial Plexus Birth Injury. Scientific Abstract, American Society of Neuroradiology 58th Annual Meeting. May 30-June 4, 2020. Las Vegas, Nevada.
45. Treister D, Glenn OA, Lindan C, Gallegher R, Glass HC, **Li Y**. Neonatal Presentation of Glutaric Aciduria Type 2. Electronic Poster, American Society of Neuroradiology 58th Annual Meeting. May 30-June 4, 2020. Las Vegas, Nevada.

46. Taliaferro AS\*, **Li Y**, Solomon D, Cha S. Introducing high-grade neuroepithelial tumor with BCOR alteration: differentiating from other pediatric brain tumors. Scientific Abstract, American Society of Neuroradiology 58th Annual Meeting. May 30-June 4, 2020. Las Vegas, Nevada. (\*Second author mentoring a trainee)
47. **Li Y**, Norton M, Sherr E, Gano D, Glenn OA. Fetal MRI Diagnosis of Walker Warburg Syndrome at 3 Tesla. Electronic Poster, American Society of Neuroradiology 58th Annual Meeting. May 30-June 4, 2020. Las Vegas, Nevada.
48. Petrucci S\*, **Li Y**, Solomon D, Cha S. Essential Genomics of Pediatric Diffuse Gliomas for Neuroradiologists. Educational Exhibit, American Society of Neuroradiology 58th Annual Meeting. May 30-June 4, 2020. Las Vegas, Nevada. (\*Second author mentoring a trainee)
49. George E\*, **Li Y**, Sherr E, Glenn OA. Fetal and Postnatal Imaging in Segmental Callosal Agenesis. Electronic Poster, American Society of Neuroradiology 58th Annual Meeting. May 30-June 4, 2020. Las Vegas, Nevada. (\*Second author mentoring a trainee)
50. Nillo RM\*, **Li Y**, Rauschecker AM, Hess CP, Dale AM, Sugrue LP. Pineal Cysts: Prevalence and significance in a large sample of typically developing adolescents. Scientific Abstract, American Society of Neuroradiology 58th Annual Meeting. May 30-June 4, 2020. Las Vegas, Nevada. (\*Second author mentoring a trainee)
51. **Li Y**, Wisnowski J, Mathur A, McKinstry R, Chang T, Van Meurs K, Wu TW, Ahmad K, Goodman A, Chalak L, Wu Y. Mild Hypoxic Ischemic Encephalopathy (HIE): Brain MRI Findings After Hypothermia. Scientific Podium Presentation, Pediatric Academic Societies. April 29-May 6, 2020. Philadelphia, PA. (\*canceled one month prior due to Covid-19)
52. Junn J, Gillon S, **Li Y**. "What the Heck Is This?" Oral Presentation. American Society of Head and Neck Radiology. September 9-13, 2020.
53. Cornet MC, Simmons R, **Li Y**, Baker A, Fullerton H, Hetts S, Glass H. Mild Hypoxic-Ischemic Encephalopathy (HIE): Predictors and Timing of MRI Brain Injury. Poster Presentation, Pediatric Academic Societies 2021 Virtual Meeting. May 1, 2021. Virtual Meeting.
54. Vesoulis ZA, Trivedi SB, Morris HM, McKinstry R, **Li Y**, Mathur AM, Wu YW. Machine learning to optimize MRI prediction of motor outcomes after HIE. Poster Presentation, Pediatric Academic Societies 2021 Virtual Meeting. May 1, 2021. Virtual Meeting.
55. **Li Y**, Wisnowski J, Chalak L, Mathur A, McKinstry R, et al. Mild Hypoxic-Ischemic Encephalopathy (HIE): Predictors and Timing of MRI Brain Injury. Poster Presentation, Pediatric Academic Societies 2021 Virtual Meeting. May 1, 2021. Virtual Meeting.
56. Ramachandran A, Rajagopalan P, Lindan C, Cordoro K, Kim S, Glenn OA, **Li Y**. Neuroimaging Manifestations of Parry Romberg Syndrome and Linear Morphea. Educational Exhibit, American Society of Neuroradiology 59th Annual Meeting. May 22-26, 2021. Virtual Meeting.
57. Galstyan A, Wietstock S, **Li Y**. MR Imaging of Mitochondrial Encephalopathy, Lactic Acidosis, Stroke-like Episodes (MELAS) and other Mitochondrial Cytopathies with CNS Involvement. Educational Exhibit, American Society of Neuroradiology 59th Annual Meeting. May 22-26, 2021. Virtual Meeting.
58. Chaudhari G, Chen JV, Rauschecker A, **Li Y**. Using Multimodal Deep Learning to Predict Infant Brain Age from Normal Myelination Patterns. Scientific Presentation, American Society of Neuroradiology 59th Annual Meeting. May 22-26, 2021. Virtual Meeting.



59. **Li Y**, Wisnowski J, Chalak L, Mathur A, McKinstry R, et al. Mild Hypoxic-Ischemic Encephalopathy (HIE): Antecedents and Timing of MRI Brain Injury. Poster Presentation, Child Neurology Society 2021 Annual Meeting. September 29, 2021. Boston, MA.
60. Chaudhari GR, Chen JV, **Li Y**, Rauschecker A. Comparison of Machine Learning Approaches for Predicting Delayed Infant Brain Myelination from T1 & T2 MRIs. Poster Presentation. 18th Annual UCSF Imaging Research Symposium. November 3, 2021
61. Chen JV, Chaudhari GR, Rauschecker A, **Li Y**. Infant Brain Age Evaluation Using A Convolutional Neural Network Assessing White Matter Myelination on Brain MRI. Oral Abstract Presentation. 18th Annual UCSF Imaging Research Symposium. November 3, 2021
62. Pisani Petrucci S, **Li Y**, Cha S. Imaging Features of Molecularly-defined Ependymal Tumors: Essential Classification Updates. Educational Exhibit, Radiological Society of North America Annual Meeting 2021. November 28- December 2, 2021. Chicago, Illinois.
63. George E, Lindan C, Early H, Russ J, Validrighi A, Francisco C, **Li Y**. Clinical and MR Imaging Findings in Children with Myelin Oligodendrocyte Glycoprotein (MOG) Antibody-Associated Disease. Scientific Abstract, Radiological Society of North America Annual Meeting 2021. November 28- December 2, 2021. Chicago, Illinois.
64. Gillon S, Chan M, Glastonbury CM, **Li Y**. Clinical and MR Imaging Findings in a Large Population of Autoimmune Encephalitis. Scientific Abstract, Radiological Society of North America Annual Meeting 2021. November 28- December 2, 2021. Chicago, Illinois.
65. Baker A, Caton T, Narsinh K, Dowd CF, **Li Y**, Courtier J, Halbach V, Amans M, Cooke DL, Higashida R, Hetts SW. Multimodality Imaging of Pediatric High Flow Vascular Malformations in the Brain and Spine. Educational Exhibit, Radiological Society of North America Annual Meeting 2021. November 28- December 2, 2021. Chicago, Illinois.
66. **Li Y**, Wisnowski J, Chalak L, Mathur A, McKinstry R, Licon G, Mayock D, Chang T, Van Meurs K, Wu T-W, Ahmad K, Goodman A, Wu Y. Mild Hypoxic-Ischemic Encephalopathy (HIE): Antecedents and Timing of MRI Brain Injury. Oral Abstract Presentation. American Society of Pediatric Neuroradiology Annual Meeting 2022. January 7-9, 2022. Miami, FL.
67. George E, Lindan C, Glenn OA, Early H, Mamlouk M, Russ J, Validrighi A, Francisco C, **Li Y**. Pediatric MOG-Associated Disease: Imaging Features at Presentation and Relapse. Poster Presentation. American Society of Pediatric Neuroradiology Annual Meeting 2022. January 7-9, 2022. Miami, FL. \* Cum Laude Award
68. Russ JB, George E, Valdrighi A, Lindan C, Early H, Mamlouk M, Waubant E, Francisco C, **Li Y**. Surveying the clinical and radiographic heterogeneity of pediatric anti-MOG-associated disease. Oral Abstract Presentation. American Academy of Neurology Annual Meeting, virtual. April 22-26, 2022.
69. Lambing H, Gano D, **Li Y**, Bach A, Girvan O, Rogers EE, Ferriero DM, Barkovich AJ, McCulloch C, Glass HC. Conventional Neonatal MRI Predicts Gross Motor Disability at Four Years in Children with Neonatal Encephalopathy. International Newborn Brain Conference, February 10-12, 2022.
70. Liao EN, Fung A, Lawless L, Czechowicz J, Ho M, Luu K, Meyer L, Nadaraja G, Virbalas J, Weinstein J, Tsai T, **Li Y**, Chan DK. Predictors Of Success For Natural Sleep MRI - Internal Auditory Canal In Children From 0 To 12 Months Old. American Society of Pediatric Otolaryngology Annual Meeting. April 29- May 1, 2022. Dallas, Texas.

71. Calabrese E, Gillon S, Wisnowski J, Mathur A, McKinstry R, Juul S, Wu Y, **Li Y**. Quantitative volumetric and regional analysis of neonatal hypoxic-ischemic injury in a large prospective cohort from the HEAL trial. American Society of Neuroradiology Annual Meeting 2022, oral scientific abstract presentation, May 16-18, 2022.  
**\*Presented at the annual meeting on behalf of the first author and was recipient of the 2022 Outstanding Oral Presentation Award.**
72. Nguyen CO, Sipes BS, Jakary A, Namasvi J, **Li Y**, Freimer D, Yang TT, Tymofiyeva O. Structural brain connectivity correlates of optimism in adolescents. Organization for Human Brain Mapping 2022, Glasgow, Scotland, June 19-23, 2022.
73. Sojoudi A, Narsinh K, Kim H, **Li Y**, Mukherjee P, Mahuvakar S, Roland J, Hetts S, Fox C, Fullerton H, Saloner D. Quantification of Post-Surgical Hemodynamic Changes in Pediatric Brain Arteriovenous Malformation Using 4D-Flow Magnetic Resonance Imaging. Society for Magnetic Resonance Angiography 34th Annual International Conference. Los Angeles, CA. August 23-26, 2022.
74. Mehta N, Vassar R, Epps L, Wietstock S, Amorium E, McCulloch C, Lambing H, Glass H, **Li Y**. Diffusion MRI Correlates with Outcome After Pediatric Out of Hospital Cardiac Arrest. NeuroCritical Care Society Annual Meeting, San Antonio, TX, October 17-21, 2022.
75. **Li Y**, Scheffler A, Barkovich A, Chang T, Massey S, Abend N, Lemmon M, McCulloch C, Shellhaas R, Glass H. Neonatal Brain MRI and Short-Term Outcomes after Acute Provoked Seizures. Oral Abstract Presentation, Radiological Society of North America Annual Meeting 2022, Chicago, IL, November 27- December 1, 2022.
76. Calabrese E, Gillon S, del Bosque A, Wisnowski J, Mathur A, McKinstry R, Juul S, Wu Y, **Li Y**. Deep Learning Segmentation Quantification and Localization of Neonatal Hypoxic Ischemic Injury in a Large Prospective Cohort from the HEAL Trial. Oral Abstract Presentation, Radiological Society of North America Annual Meeting 2022, Chicago, IL, November 27- December 1, 2022.
77. Chaudhari G, Chen J, Glenn O, **Li Y**, Raucher A. Evaluation and Clinical Validation of a Deep Learning Algorithm for Predicting Delayed Myelination in Infant Brains from MRI. Oral Abstract Presentation, Radiological Society of North America Annual Meeting 2022, Chicago, IL, November 27- December 1, 2022.
78. Baker A, Vassar R, Mehta N, Wietstock S, Amorim E, George E, Lindan C, Glenn O, **Li Y\***. Patterns of MRI Brain Injury in Children after Out-of-Hospital Cardiac Arrest. Oral Abstract Presentation, American Society of Pediatric Neuroradiology Annual Meeting 2023, New Orleans, LA, January 13-15, 2023. **\*Senior author mentoring trainee as first author, who received the Inaugural ASPNR Charlotte and Thierry Huisman Travel Award.**
79. George E, Cohen R, Argili E, Parks K, Song J, **Li Y**, Sherr E, Glenn OA. Genetics and Outcomes in Prenatally Diagnosed Dysgenesis of the Corpus Callosum. Poster Presentation, American Society of Pediatric Neuroradiology Annual Meeting 2023, New Orleans, LA, January 13-15, 2023.
80. Chawla S, Weinsheimer S, Nelson J, McCulloch CE, Ablu A, Gupta N, Cooke D, Hetts S, Saloner D, **Li Y**, Fox C, Fullerton H; Kim H. Interleukin Plasma Levels and Risk of Hemorrhage in Pediatric Brain Arteriovenous Malformation Patients. International Stroke Conference. Feb 8-10, 2023. Dallas, TX.

81. George E, Vassar R, Mogga A, Li Y, Gano D, Norton M, Glenn O. Fetal Brain Parenchymal Hemorrhage: Etiology, Imaging Findings, and Outcomes. American Society of Neuroradiology Annual Meeting 2023. April 29-May 3, 2023. Chicago, IL.
82. Wisnowski JL, Monsell S, Li Y, Comstock BA, Heagerty PJ, Glass HC, Juul SE, Wu YW, Mckinstry RC, Mathur AM. Does acuity of injury modify the association between MRI injury score and neurodevelopment outcome at 2 years of age? Pediatric Academic Societies 2023. April 27-May 1, 2023. Washington DC.