

Stephanie Syu Squires, MD
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GRADUATE MEDICAL EDUCATION

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| 2021 – 2023 | Pediatric Hospital Medicine Fellowship
Stanford University – Stanford Health Care, Palo Alto, CA |
| 2018 – 2021 | Pediatric Residency
University of Wisconsin School of Medicine and Public Health, Madison, WI |

EDUCATION

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| 2014 – 2018 | Medical Doctorate
Tulane University School of Medicine, New Orleans, LA |
| 2008 – 2012 | Bachelor of Science in General Biology, Minor in Art History
University of California San Diego, San Diego, CA |

AWARDS & SCHOLARSHIPS

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| 2021 | Outstanding Senior Resident Award <ul style="list-style-type: none">Awarded to one graduating resident by the University of Wisconsin Pediatrics Residency in Madison, WI |
| 2020 | Clinical Case Competition Finalist <ul style="list-style-type: none">Awarded in recognition of outstanding clinical case abstract and poster presentation at the Virtual 2020 AAP National Conference & Exhibition; Section on Pediatric Trainees for “Refusal to Walk in a Two-Year-Old Girl.” |
| 2019 | Quality Improvement: 2 nd Place <ul style="list-style-type: none">Awarded in recognition of quality improvement presentation for “Infant CPR Education for Caregivers of Patients Admitted for BRUE” at the Academic Pediatric Association Regions 5, 6 Annual Meeting |

GRANTS

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| 2022 | Stanford Maternal and Child Health Research Institute (MCHRI)
Clinical Trainee (MD) Support Grant <ul style="list-style-type: none">Title: Exploring Caregiver and Provider Perspectives on Transitions from Hospital to Home for Children with Medical Complexity and Limited English Proficiency. PI: Squires S, Co-investigators: Hoang K, Grajales L, Halpern-Felsher B, Sanders L. Amount: \$136,000 |
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GRANTS CONTINUED

- 2022 Lucile Packard Foundation for Children's Health
- Title: Exploring Caregiver and Provider Perspectives on Transitions from Hospital to Home for Children with Medical Complexity and Limited English Proficiency. PI: **Squires S**, Co-investigators: Hoang K, Grajales L, Halpern-Felsher B, Sanders L. Amount: \$17,250
- 2020 Pediatric Hospital Medicine Resident Travel Grant
- Awarded funding to attend Pediatric Hospital Medicine Conference, Florida 2020. *Transitioned to PHM 2020 Virtual due to COVID-19.*
- 2019 Friends of UW Health Grant
- Awarded funding to purchase American Health Association Infant CPR education kits for patients admitted with BRUE in support of QI Project conducted at the American Family Children's Hospital, Madison, WI.

RESEARCH AND QUALITY IMPROVEMENT EXPERIENCE

Quality Improvement Projects

- 2021 – present QI Lead, A Quality Improvement Initiative to Improve Discharge Medication Education on a Pediatric Cardiology Unit
Stanford Children's Health – Lucile Packard Children's Hospital, Stanford, CA
- Lead for collecting and disseminating data for a quality improvement study targeted towards improving the discharge medication process on a Pediatric Cardiology unit. SMART goal: Increase percentage of patients on Pediatric Cardiology unit receiving high quality medication list in low health literacy formatting, in their preferred language, and the day before discharge from 17% to 50% over a 1 year period.
- 2020 – 2021 Resident representative, Evaluation of PICC line placement and utilization – subcommittee of CLABSI review committee
University of Wisconsin, Department of Pediatrics, Madison, WI
- Selected as resident representative for a multi-disciplinary review committee dedicated to evaluating rise in CLABSI rates at the American Family Children's Hospital seen in 2020. Subcommittee developed to optimize understanding and workflow for PICC line placement and utilization.
- 2019 – 2021 Resident representative, Kawasaki Disease Clinical Practice Guideline Workgroup
University of Wisconsin, Department of Pediatrics, Madison, WI
- Selected as a resident representation for a multi-specialty initiative to develop a clinical practice guideline, order set, and parent discharge instructions to support guideline-recommended management of pediatric patients admitted for Kawasaki Disease.

RESEARCH AND QUALITY IMPROVEMENT EXPERIENCE CONTINUED

- 2019 – 2021 Lead, Improving Resident Training and Comfort of ACGME Required Procedures within the Neonatal Intensive Care Unit
University of Wisconsin, Department of Pediatrics, Madison, WI
- Identified a lack of resident comfort in and opportunities to improve the performance of ACGME required procedures within the NICU. Initiated activities within the NICU to improve resident accountability and compiled procedure videos and instructions for residents to view prior to each rotation across UW Pediatric residency program. SMART goal: Improve the percent of senior resident perceived competency from 25% to 50% for ACGME required procedures within the NICU over a 1 year period.
- 2018 – 2021 Lead, Infant CPR Education for Caregivers of Patients Admitted for BRUE
University of Wisconsin, Department of Pediatrics, Madison, WI
- Led a multidisciplinary team of nurses, residents and attendings with the goal of improving AAP-recommended provisioning of infant CPR education to caregivers prior to discharge. Led biweekly meetings to identify root causes of failure to provide this education and developed an intervention bundle, including a new electronic health record order, bedside tablet training video, and staff training on new process. Met SMART goal of increasing Infant CPR education from 32% to 50% over a 1 year period.
- Clinical Research***
- 2021 – present Principal Investigator, Stanford University School of Medicine
“Exploring Caregiver and Provider Perspectives on Transitions from Hospital to Home for Children with Medical Complexity and Limited English Proficiency”
- Initial exploratory qualitative research study to identify discharge needs that promote caregiver self-efficacy after discharge for children with medical complexity and limited English proficiency to support a successful transition from hospital to home.
- Summer 2015 Research Assistant – NIDDK Summer Research Program
Massachusetts General Hospital, Harvard Medical School
Principal Investigator: Steven K. Grinspoon MD
“Lipolysis Inhibition Via Acipimox and Metabolomic Analysis of Ceramides in Muscle”
- Analyzed study data assessing the effect of Acipimox on mitochondrial function and changes in the lipid and metabolomics profile specifically correlation of decreased ceramide levels and improvements in insulin sensitivity.
- 2013 – 2014 Research Assistant
Tulane University School of Medicine, Department of Endocrinology
Principal Investigator: Vivian Fonseca, MD
- Processed lab specimens, led data entry, and assisted with patient recruitment for clinical trials.

Basic Science Research

2010 – 2011

Research Assistant

University of California San Diego, Department of Rheumatology, Allergy & Immunology

Principal Investigator: Eyal Raz, MD

- Research on colon cancer with primary roles including mouse handling and collection of mice colon tissue samples, cell culture, and ELISA assays. Also performed PCR, Western Blots, and data analysis.

Peer-reviewed publications

1. Thethi T, Sigel A, Japa S, Katalenich B, Liu S, Nguyen T, Larrazolo J, **Syu S**, Carefoot E, McDuffie R, Fonseca V. Racial and sex differences in the polymorphisms of the endocannabinoid receptor genes in obesity. *Journal of Diabetes and its Complications*. 2020 July 17. doi.org/10.1016/j.jdiacomp.2020.107682.
2. **Syu S**, Story C, Waldron SR, Steele RW. Bone Pain in a Preadolescent Girl. *Clin Pediatr*. 2018 Apr;57(4):494-497.
3. Makimura H, Stanley TL, Suresh C, De Sousa-Coelho AL, Frontera WR, **Syu S**, Braun LR, Looby SE, Feldpausch MN, Torriani M, Lee H, Patti ME, Grinspoon SK. Metabolic Effects of Long-term Reduction in Free Fatty Acids with Acipimox in Obesity: A Randomized Trial. *J Clin Endocrinol Metab*. 2016 Mar; 101(3): 1123–1133.
4. Thethi TK, Parks R, Katalenich B, Chhabra P, McCaw J, **Syu S**, Nguyen T, Larrazolo J, Munshi K, Waddadar J, Nagireddy P. Case of Thyrotoxic Periodic Paralysis in a Caucasian Male and Review of Literature. *Case Rep Med*. 2014;2014:314262.

Poster Presentations

1. **Squires S**, Chadwick WA, “Improving Discharge Medication Education on a Pediatric Cardiology Unit”, Virtual Works in Progress Presentation at Academic Pediatric Association Regions 9 & 10, January 29, 2022
2. Condit P, Matharu P, **Squires S**, Cowan E, “Perceived Resident Competency in ACGME-Required NICU Procedures” Midwest Society for Pediatric Research Conference, October 13 – 15, 2021
3. **Syu S**, Davis M, Desantes K. “Refusal to Walk in a Two-Year-Old Girl.” Pediatric Hospital Medicine Conference, July 23-26, 2020, Orlando, FL. *Transitioned to PHM 2020 Virtual due to COVID-19*. Virtual 2020 AAP National Conference & Exhibition; Section on Pediatric Trainees, October 2-6, 2020.
4. **Syu S**, Boland R, Kelly M, Terry E, Krivanec A, Bogenschutz M, Ritchie J, Brenson M, Collier R, Butteris S, Ehlenbach M, Nackers K, Sklansky D, Tiedt K, Shadman K, Webber S, Nacht C, Allen A. “Identifying opportunities to improve the care of children with Kawasaki Disease in concordance with national guidelines.” University of Wisconsin’s Pediatrics Research Week, May 25-29, 2020, Madison, WI.

MANUSCRIPTS, PRESENTATIONS, AND ABSTRACTS CONTINUED

5. Allen A, Boland R, **Syu S**, Terry E, Krivanec A, Bogenschutz M, Ritchie J, Brenson M, Collier R, Butteris S, Ehlenbach M, Nackers K, Sklansky D, Tiedt K, Webber S, Nacht C, Kelly M. "Variability in diagnosis, treatment and follow up of children with Kawasaki Disease at two Midwest hospitals." Pediatric Academic Societies' Meeting, April 29- May 6, 2020, Philadelphia, PA. *Cancelled due to COVID-19*
6. **Syu S**, Smith W, Koffarnus K, Horsley W, Walker H, Sklansky D, Shadman K, Kelly M. "Infant CPR Education for Caregivers of Patients Admitted for BRUE." Pediatric Academic Societies' Meeting, April 27-30, 2019, Baltimore, MD.

Panel Presentations

1. **Syu, S.** "Research During Residency." University of Wisconsin's PUBLISH Pathway Retreat, February 17-18, 2021, Madison, WI.
2. **Syu, S.** "Taking a Scholarly Approach to Quality Improvement." University of Wisconsin's Pediatrics Research Week, May 27-31, 2019, Madison, WI.

Journal Blog Contributions

1. **Squires S**, Kelly M. (2021, September) Hospital Pediatrics – Exploring Parent and Provider Perspectives on Causes of Pediatric Readmission [Blog post]
<https://www.aappublications.org/news/2021/09/14/parent-provider-perspectives-pediatric-readmissions-hospitalpediatrics>
2. **Syu S**, Kelly M. (2020, July) Hospital Pediatrics – Understanding Provider Documentation for Children with Medical Complexity [Blog post]
<https://www.aappublications.org/news/2020/07/29/provider-documentation-children-medical-complexity-hospitalpediatrics>

EDITORIAL SERVICE

Peer Review Abstract

January 2022 Pediatric Academic Societies Conference 2022

Peer Review Manuscript

August 2020 Reviewed manuscript: (#2020-0080) for *Hospital Pediatrics*

LEADERSHIP AND SERVICE EXPERIENCE

2022 – present American Pediatric Association (APA) Patient and Family Centered Care Special Interest Group (SIG) Co-Chair

- Lead efforts to support individuals and programs that aspire to advance the field of patient- and family-centered care through clinical practice, education, quality improvement, and research.
- Develop and host an engaging, informative, and inspiring workshop at the annual Pediatric Academic Societies meeting to facilitate collaboration and networking opportunities for other SIG members interested in patient and family-centered care

LEADERSHIP AND SERVICE EXPERIENCE CONTINUED

2022 – present	Fellow’s Council Pediatric Hospital Medicine Representation Stanford University School of Medicine <ul style="list-style-type: none">• Fellow-led committee to form new initiatives, social opportunities and projects that support all fellows
2020 – 2021	Lead Resident in Quality and Safety University of Wisconsin, Pediatrics Residency <ul style="list-style-type: none">• Facilitate development of ongoing Quality and Safety Pediatric Residency Curriculum. Attend hospital meetings for patient safety and participate in Root Cause Analysis workgroups.
2020 – 2021	Board Review Coordinator University of Wisconsin, Pediatrics Residency <ul style="list-style-type: none">• Organize Board Review sessions with faculty and pediatric residents to review AAP PREP questions related to various topics on a bi-weekly basis.
2019 – 2020	National Program Delegate, District VI AAP - Section of Pediatric Trainees (SOPT) <ul style="list-style-type: none">• Act as liaison between SOPT and the University of Wisconsin Pediatric residency program and provide information regarding updates, grants, opportunities, and information about annual SOPT advocacy project. Also attend National AAP convention to vote on resolutions and learn about current updates within the program
2015 – 2016	Behavioral Interviews Director Tulane University School of Medicine, Admissions Department <ul style="list-style-type: none">• Oversaw all scheduling and behavioral interviewing for a standardized patient scenario as part of the medical student interview.
2014 – 2018	Class representative Tulane University School of Medicine <ul style="list-style-type: none">• Acted as a liaison between students and professors regarding any issues that may arise regarding courses or clerkships. Compiled course evaluations and worked with faculty to improve medical student education.

PROFESSIONAL ASSOCIATIONS

2021 – present	Academic Pediatric Association
2019 – present	AAP – Section on Hospital Medicine
2018 – present	American Academy of Pediatrics

CERTIFICATIONS

2021	Society for Pediatric Sedation Course
2021	Pediatric Fundamental Critical Care Support Course Society of Critical Care Medicine
2020	Basic Certificate in Quality and Safety Institute for Healthcare Improvement (IHI)

LICENSURE

2021 – 2023	California Medical License
2021 – 2031	American Board of Pediatrics – Board Certified
2020 – 2022	Pediatric Advanced Life Support (PALS)
2020 – 2022	Neonatal Resuscitation Program (NRP)