Department of Pediatrics Meeting
September 28, 2021 @ noon
Via Zoom

Lisa Chamberlain, MD, MPH
Associate Chair
Policy & Community Engagement
TOPIC: Office of Child Health Equity

Baraka Floyd, MD
Associate Chair
Diversity, Equity, & Inclusion
TOPIC: Diversity, Equity & Inclusion
Michael Rosen, MD
Director, Stanford Center for Pediatric IBD and Celiac Disease
Professor
Division of Gastroenterology
Ragini Adams, MD  
Clinical Assistant Professor  
Division of  
Hematology/Oncology/Stem Cell Transplantation

Valentin Barsan, MD  
Instructor  
Division of  
Hematology/Oncology/Stem Cell Transplantation

Mara Pavel-Dinu, PhD  
Instructor  
Division of  
Hematology/Oncology/Stem Cell Transplantation
Brandii Criss, MD
Clinical Assistant Professor
Division of Adolescent Medicine

Shivani Gaiha, PhD
Instructor
Division of Adolescent Medicine
Gregory Adamson, MD
Clinical Assistant Professor
Division of Cardiology

Joshua Blinder, MD
Clinical Associate Professor
Division of Cardiology

Kelly Liesse, MD
Clinical Instructor
Division of Cardiology

Annalicia Pickering, MD
Clinical Instructor
Division of Cardiology
David Staudt, MD  
Instructor  
Division of Cardiology

Shikib Mostamand, MD  
Clinical Assistant Professor  
Division of Gastroenterology
Caitlin Billingham, MD
Clinical Instructor
Chief Resident
Division of General Pediatrics

Jonji Barber, MD
Clinical Instructor
Chief Resident
Division of General Pediatrics

Elisa Phillips, MD
Clinical Instructor
Chief Resident
Division of General Pediatrics
Sabrina Braham, MD
Clinical Assistant Professor
Division of General Pediatrics

Pooja Jaeel, MD
Clinical Instructor
Division of General Pediatrics
Matthew Cranshaw, MD  
Clinical Instructor  
Division of Neonatology

Angela Niemi, MD  
Clinical Instructor  
Division of Neonatology
Sara Kibrom, MD
Clinical Assistant Professor
Division of Nephrology

Cissy Xin Si, MD
Clinical Instructor
Division of Pulmonary Medicine
Objective: to discuss ways we support our clinical faculty development and scholarly work.

- Peer Scholarly Communities (Henry Lee)
- Pediatric Coaching and Mentoring Program (Laura Bachrach)
- Center for Pediatric and Maternal Value (Grace Lee)
- MCHRI Quantitative Science Unit and CE grants (Mary Chen)
October 28, 2021
4th Annual Stanford Maternal & Child Health Research Institute Symposium
Online Poster Viewing Oct. 25-26 | Virtual Event

KEYNOTE SPEAKER
Kelle Moley, MD
Deputy Director of Reproductive Health Technologies
Bill & Melinda Gates Foundation
"Global Priorities in Reproductive Health Technologies"

4 Sessions
- Emerging Maternal & Prenatal Health Discoveries
- Scientific Advances in Diversity, Health Equity, & Social Justice
- Innovations in Pediatric Cardiovascular Medicine
- Groundbreaking Research from Rising Scientists

Learn more @ bit.ly/mchri-symposium
3rd Biennial
22q11 Deletion Syndrome Virtual Symposium
November 10, 2021
Arun Gupta
Division of Neonatology
AAP Section on Hospital Medicine Service Award
Danny Chou
Division of Peds Endocrinology
2021 Boulder Peptide Young Investigator Award
Carmin Powell
Faculty Director of Stanford Medicine’s
Black Faculty Affinity Meeting
Caroline Okorie
SCORE (Stanford Clinical Opportunity for Residency Experience) and PRESS (Promoting Resident Experience in the Subspecialties at Stanford).
Catherine Tcheandjieu
Postdoc Research Fellow

Stanford Postdoc Justice Equity Diversity, and Inclusion (JEDI) Champion
<table>
<thead>
<tr>
<th>Title</th>
<th>Authors</th>
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<tr>
<td>&quot;Teaching Pediatric Residents a Communication Framework for Delivering Difficult News: A Randomized-Controlled Trial of Teaching Methods&quot;</td>
<td>&quot;Design and Validation of Simulation-Based Educational Tools and a Novel Assessment of Spiritual Care Competency (ASCC) Tool for Teaching Spiritual Care Skills&quot;</td>
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<td>&quot;Impact of Coaching on Residents’ Sense of Belonging, Inclusion, Wellness, and Professional Identity Formation for Underrepresented and non-Underrepresented in Medicine Residents&quot;</td>
<td>“Scaling Up Coaching: Democratizing Quality Coaching in Medical Education”</td>
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<td>Congratulations to the Stanford Teaching and Mentoring Academy Grants</td>
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Pediatrics Internship Program @Stanford

- 31 rising junior and senior high school students from Bay Area
  - 90% URM by race/ethnicity, first-gen, low-income status
- 17 faculty labs participating as mentors
- 25 Stanford undergrad, med, & grad students serving as near peer mentors

115 faculty, staff, trainees participating in the program!!
Background:
For an estimated 28 generations, a Brazilian family has possessed a haplotype that contains TP53-RT37H and XAX-3.134 alleles. TP53-RT37H refers to the germline substitution at serine codon 134 of TP53, a tumor suppressor. XAX-3.134 refers to the mutation of the X-linked inhibitor of apoptosis where the glutamic acid at position 134 is changed to a stop codon. Both of these mutations result in the malfunctioning of vital genes that prevent cancer proliferation. Clonal hematopoiesis of indeterminate potential (CHIP) is defined as the clonal expansion of blood cell populations as a result of somatic mutations in leukocyte-associated genes, resulting in increased risk for acute myelogenous leukemia (AML) and coronary artery disease. The study aims to identify CHIP in the family members with TP53-RT37H and XAX-3.134 alleles or other variants.

Hypothesis:
Individuals who possess the germline TP53-RT37H and XAX-3.134 alleles have a higher risk of developing CH.

Methods:
Samples for this study were obtained from 44 family members aged 45-85 at the Hospital de Clínicas de São Paulo. A WES panel was used on the isolated samples. After the sequencing libraries were prepared, the samples were sequenced on an Illumina NovaSeq 6000. Reads were aligned by GATK and variants were called using GATK and CleanUpVCF. GATK was used to sort and filter the variant data. To limit the number of false positives in the samples, the following parameters were used:
- Depth = 100
- MAF < 0.01
- Frequency in the general population > 0.2

Results:
The WES data identified 239 genetic variants in 13 different genes known to be associated with CH. Consistent with literature, all the variants were in TP53, XAX, and CHIP-related genes.

Conclusions:
CHIP appears to be a hereditary disorder that is genetically driven. The study suggests a higher risk for developing CH in family members with TP53-RT37H and XAX-3.134 alleles.

Next Steps:
While the preliminary results of this study have provided new insights into potential interactions between germline TP53-RT37H and CHIP, additional evidence is needed to confirm any conclusions. The study highlights the importance of sequencing families with similar genetic backgrounds to understand the full spectrum of CHIP.

Objectives:
Understand the relationship between germline TP53-RT37H and XAX-3.134 alleles and CHIP risk in the family.

Methods:
Samples from 44 family members were sequenced on an Illumina NovaSeq 6000. Variants were called using GATK and CleanUpVCF. To limit false positives, depth = 100, MAF < 0.01, and frequency in the general population > 0.2 were used.

Results:
A total of 239 genetic variants in 13 genes were identified, with TP53, XAX, and CHIP-related genes being affected.

Conclusions:
The study suggests a higher risk for developing CH in family members with TP53-RT37H and XAX-3.134 alleles.

Next Steps:
Further studies are needed to confirm the findings and understand the full spectrum of CHIP in families with similar genetic backgrounds.
Goals and Achievements
Updates for FY21-22
Thank you

Priyanka Moodlyar
Associate Director of Clinical Operations
FY21-22 G&A updates

Feedback from Chair’s office

- Dashboard/Data Export to review questions related to DEI, COVID and Dept. Support
- Attestation for MedHub Evals

Changes based on survey results

- Auto-save the form to avoid timeout
- PDF format- function not easily visible
- Asking for help/FAQ’s
- Formatting of text to enable the use of bullet points
- Accessing prior year evaluations
- Provide timelines on the form
FY21-22 G&A Review timelines

**September 1\(^{st}\), 2021**
Department Finance will send out an email with details regarding process so divisions can start scheduling Faculty evaluation meetings

**September 22\(^{nd}\), 2021**
Department Finance will send cFTE file to Division Managers and Division Chiefs

**September 27\(^{th}\), 2021**
Divisions confirms review of cFTE data file

**September 30\(^{th}\), 2021**
Department Finance sends file to IRT to pre-populate the G&A portal

**October 18\(^{th}\) - December 17\(^{th}\), 2021**
G&A application is *live* for faculty to complete their evaluation form, and establish individual meeting with their Chiefs

**January 3\(^{rd}\) – February 11\(^{th}\), 2022**
Chair meets with Division Chiefs to review Goals and Achievements of individual faculty
G&A website

https://pediatricsga.stanford.edu/
Department of Pediatrics Meeting

Topic: Department Year-End Finance Report

October 21, 2021 @ noon
Via Zoom

Michael Propst, MBA
Associate Chair & Director of Finance & Administration

Surabhi Agrawal
Director of Finance