Pediatric Grand Rounds Schedule

Pediatric Grand Rounds takes place every Thursday from 12-1 PM, in Oberndorf Auditorium and via Zoom. Watch the Webinar live, or watch prior grand rounds here https://tinyurl.com/PedsGRYouTube or here for sessions prior to 2020

Have an idea for a grand rounds topic or speaker? Email Laiba.Ghufran@ucsf.edu

To evaluate a grand rounds session, scan the QR code or go to: For information about disclosures, CME credits, and planning, see the bottom of this page

For Fall 2023 evaluation pending

Have an idea for a grand rounds topic or speaker? Email Laiba.Ghufran@ucsf.edu

Click the arrow to see past sessions for the current academic year, for prior years see links below

<table>
<thead>
<tr>
<th>Date</th>
<th>Speaker(s)</th>
<th>Title/Topic (hyperlink to presentation if available)</th>
<th>Learning objectives</th>
<th>Speaker information and disclosures</th>
</tr>
</thead>
<tbody>
<tr>
<td>Upcoming sessions</td>
<td></td>
<td></td>
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<tr>
<td>09/07/2023</td>
<td>TBD</td>
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<tr>
<td>09/14/2023</td>
<td>Kayla Karvonen MD</td>
<td>Grumbach Award Lecture</td>
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</tr>
</tbody>
</table>

Click the arrows to see full 2020-2021, 2021-2022, 2022-2023 Schedules

<table>
<thead>
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</thead>
<tbody>
<tr>
<td>09/06/2022</td>
<td>Marie-Coralie Cornet MD</td>
<td>Grumbach Award Lecture: Neonatal Seizures and Encephalopathy - Moving Beyond a One-Size-Fits-All Approach</td>
<td>1. Understand that encephalopathy and seizures in neonates are symptoms of multiple conditions 2. Describe how the underlying etiology of seizures can impact treatment decisions 3. Describe the association between in utero exposure to selective serotonin reuptake inhibitors (SSRIs) and encephalopathy in neonates</td>
<td>No relationships to disclose</td>
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<tr>
<td>09/22/2022</td>
<td>Monica Gandhi MD MPH</td>
<td>COVID-19 in children: History of pandemics and schools; vaccines; public health trust</td>
<td>1. To discuss the history of infectious diseases pandemics and school closures 2. To discuss the epidemiology of COVID in children and the effectiveness/safety of the COVID-19 vaccines down to 6 months 3. To discuss other childhood vaccination setback and trust in public health</td>
<td>No relationships to disclose</td>
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<tr>
<td>09/29/2022</td>
<td>Mandeep Chadha MD &amp; Maude Dull MD</td>
<td>It's Time to Stop Going With The Flow! Reducing overuse of high flow nasal cannula therapy: A collaborative cross-bay QI initiative</td>
<td>1. Describe the pathophysiology and clinical characteristics of children with bronchiolitis. 2. List evidence-based therapies used in management of children admitted with bronchiolitis and acute respiratory failure. 3. Describe how a quality improvement methodology can be used to address overuse of heated high flow nasal cannula therapy for bronchiolitis and reduce length of stay and cost.</td>
<td>No relationships to disclose</td>
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<tr>
<td>10/06/2022</td>
<td>Stephen Long MD</td>
<td>Pearls for management of acute sickle cell disease pain</td>
<td>1. Describe the different types of sickle cell pain 2. Understand how to construct a pain plan for sickle cell patients 3. Describe the role of ketamine in sickle cell pain management</td>
<td>No relationships to disclose</td>
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| 10/13/2022 | Joel Hirschhorn MD PhD           | Miller Lecture: Genetic approaches to understanding human height, weight and other polygenic traits | 1. Appraise the value of different genetic and computational approaches used to identify genes, variants and pathways contributing to polygenic endocrine diseases and quantitative traits  
2. Distinguish between the long-term impact of genetic discoveries on biological understanding and short-term impact of genetic discovery and diagnosis for individual patients  
3. Appreciate the opportunities and challenges of identifying and diagnosing patients with Mendelian disorders and the potential impact of polygenic risk scores in patients with short stature | Speaker is a consultant for Camp4 Therapeutics and grant recipient from Pfizer |
| 10/20/2022 | Amy Gelfand MD                   | Pediatric Migraine 2022: Updates in Diagnosis and Treatment         | 1. To understand how migraine phenotype in children and adolescents differs from that of tension-type headache  
2. To learn which episodic syndromes are associated with migraine in childhood and adolescence  
3. To know when and how to prescribe a triptan to an adolescent with migraine  
4. To understand the potential influence of high school start time on migraine frequency in adolescents  
5. To learn the role of calcitonin gene-related peptide (CGRP) in migraine, and to familiarize learners with currently available CGRP-pathway targeted therapies | No relationships to disclose |
| 10/27/2022 | Elizabeth Rogers MD, Ebunoluwa Adeyuyigbe MBChB, Harish Chellani MD, Bjorn Westrup MD PhD - Moderated by Janna Patterson MD MPH FAAP | Immediate Kangaroo Care (iKMC) to Improve Survival of Low Birth Weight Infants: A Town Hall of International Experts hosted by the American Academy of Pediatrics and Bill and Melinda Gates Foundation | 1. To discuss the findings of the WHO iKMC Study which showed iKMC improved survival for low birth weight infants  
2. To identify challenges for implementation of iKMC as well as strategies to improve uptake of iKMC  
3. To understand the disparate application of KMC and iKMC globally and how the United States is in a position to improve outcomes through scale up of iKMC | Speakers have no relationships to disclose |
| 11/03/2022 | Sohil Sud MD MA                  | A Contagion of Collaboration: The Promise & Potential of Health/Education Partnerships | 1. Learn more about California’s approach and impact in mitigating COVID-19 transmission in K-12 schools  
2. Review lessons learned from developing public health guidance for educational settings  
3. Appreciate the promise and potential of future health/education partnerships  
4. Receive unsolicited career advice from one pediatrician/policymaker | No relationships to disclose |
| 11/10/2022 | Steve Mack PhD                  | Dissecting HLA Association with Type-1-Diabetes in Non-European Populations | 1. Understand the unique complexity of the HLA genomic region.  
2. Discuss the similarities and differences between Type-1 Diabetes associations in different world populations.  
3. Describe some of the challenges associated with the analysis of highly polymorphic genetic data. | Speaker is a consultant for Ossium Health |
<table>
<thead>
<tr>
<th>Date</th>
<th>Authors/Title</th>
<th>Summary/Details</th>
<th>Relationships</th>
</tr>
</thead>
<tbody>
<tr>
<td>11/17/2022</td>
<td>Prachi Singh DO &amp; Anneka Hooft MD MPH</td>
<td>Pediatric perspective on global antimicrobial stewardship</td>
<td>Anneka Hooft is a QI grant recipient with Pfizer. Prachi Singh has no relationships to disclose.</td>
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<tr>
<td>12/01/2022</td>
<td>Wanda Phipatanakul MD MS</td>
<td>Social Determinants of Asthma: Where are we now and into the future?</td>
<td>Speaker is a consultant for Genentech, Novartis, Regeneron, Sanofi, GSK, &amp; Astra Zeneca</td>
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<tr>
<td>12/06/2022</td>
<td>Sanjeev Datar MD PhD</td>
<td>Lymphatic Dysfunction in Congenital Heart Disease with Increased Pulmonary Blood Flow</td>
<td>No relationships to disclose</td>
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<tr>
<td>01/05/2023</td>
<td>Maude Dull MD MSPSL, Jenna Holmen MD MPH, Mary Prahl MD, Ted Axel MD, &amp; Rachel Wattier MD MHS</td>
<td>Respiratory Syncytial Virus: Fresh Takes on an Old Foe</td>
<td>Speakers have no relationships to disclose.</td>
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<tr>
<td>01/12/2023</td>
<td>Lisa Patel MD &amp; Amanda Millstein MD</td>
<td>Climate, Health, and Equity: Our Health Voices and Why Our Advocacy Matters</td>
<td>Speakers have no relationships to disclose.</td>
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| 01/19/2023 | Glenn Rosenbluth MD                            | Sleep, Work Hours, and Physician Performance                         | 1. Describe basic sleep physiology  
2. Identify direct and indirect factors impacting sleep and performance in physicians  
3. Describe interventions which can reduce or mitigate the impact of sleep deprivation | No relationships to disclose |
| 01/26/2023 | Jill Hollenbach PhD MPH                        | The immunogenetics of asymptomatic SARS-CoV-2 infection              | 1. Understand the role of immunogenetic variation in SARS-CoV-2 infection  
2. Understand the implications for prior immunity in COVID-19 disease course | No relationships to disclose |
| 02/02/2023 | Natalie Cvijanovich MD                         | Tales of a Clinical Research Career                                 | 1. Describe variable pathways to clinical research  
2. Understand the application of precision medicine in pediatric sepsis | No relationships to disclose |
| 02/09/2023 | NO GRAND ROUNDS                                |                                                                      |                                                                            |                                                  |
| 02/16/2023 | Anda Kuo MD, Alicia Lieberman PhD, Andy Krackov, Sarah Ismail MPH, Chris Bradley PhD, Dayna Long MD FAAP | TRIADS: A Framework to Talk with Patients about Adverse Childhood Experiences and Create Healing Relationships | 1. Describe the foundational elements of child parent psychotherapy that may be applied in primary care and other medical care settings  
2. Explain the triad of adversity, distress and strengths and the TRIADS framework  
3. Practice the application of TRIADS | Speakers have no relationships to disclose |
| 02/23/2023 | NO GRAND ROUNDS                                |                                                                      |                                                                            |                                                  |
| 03/02/2023 | Shuvo Roy PhD                                 | Artificial Organs using Silicon Nanotechnology                       | 1. Recognize the landscape of opportunities for nanotechnology in organ replacement  
2. Identify unique advantages of semiconductor silicon technology for monitoring and treatment  
3. Describe the operational principles of artificial organs enabled by silicon membranes | Founder/owner of Silicon Kidney |
| 03/09/2023 | Shabnam Peyvandi MD MAS                        | Early life markers of brain health in congenital heart disease: From research to clinical applications | 1. To understand the typical neurodevelopmental outcomes in patients with congenital heart disease  
2. To understand risk factors for neonatal brain injury in patients with CHD  
3. To understand modifiable factors of neurodevelopmental outcomes in CHD | No relationships to disclose |
| 03/16/2023 | Maya Lodish MD MHSc & Ayca Erkin-Cakmak MD MPH | Congenital Adrenal Hyperplasia in Pediatrics: Updates and Novel Therapeutic Approaches | 1. Discuss clinical challenges in the diagnosis and management of congenital adrenal hyperplasia  
2. Assess emerging treatment options in the management of congenital adrenal hyperplasia | Maya Lodish received sponsored research support from Neurscine Biosciences. Ayca Erkin-Cakmak has no relationships to disclose |
03/23/2023  Meg Autry MD  Necessity is the Mother of Invention: The Concept of PRROWESS (Protecting Reproductive Rights of Women Endangered by State Statutes)

1. Describe the current abortion landscape in the US
2. List efforts to help ensure access to abortion
3. Describe PRROWESS and the challenges of operationalizing

No relationships to disclose

03/30/2023  Craig Gundersen PhD  Bramham Lecture: The Critical Role of SNAP in Reducing Food Insecurity in the United States

https://youtu.be/1gB9Fvkss_G

1. Understand how food insecurity is measured in the U.S.
2. Understand the key determinants of food insecurity in the U.S.
3. Understand the Supplemental Nutrition Assistance Program (SNAP, formerly known as the Food Stamp Program)

No relationships to disclose

04/06/2023  Casey Gifford PhD  Defining Complex Mechanisms that Underlie Heart Development and Disease

1. Understand known causes of congenital heart disease
2. Understand complexities of CHD

No relationships to disclose

04/13/2023  NO GRAND ROUNDS

04/20/2023  Beatrice Goilav MD  Implementation of Molecular Diagnostics in the Development of New Therapeutics: Lessons learned from work in Lupus Nephritis

https://youtu.be/SxIDDsEhE_M

1. Understand how implementation of translational research can accelerate the development of targeted therapies.
2. Understand the role of better diagnostic markers to predict outcomes of lupus nephritis.
3. Know what risk factors of disease progression have been identified in recent year.
4. Know about differentiating factors between adult and pediatric patients with lupus and lupus nephritis.

Speaker is a scientific advisory board member for Chinook Therapeutics

04/27/2023  Chris Stewart MD  Can we address racism in the Child Welfare System?

https://youtu.be/Z7LUZKgKuLw

1. Be able to quantify disproportionality in the Child Welfare System
2. List three potential anti-racist strategies that might be employed in child abuse response

No relationships to disclose

05/04/2023  Matt Zinter MD  The pulmonary microbiome in child health and disease

1. Understand factors that influence the pulmonary microbiome composition.
2. Identify microbiome changes that are associated with disease.
3. Describe frameworks that can be applied to differentiate commensal from pathogenic microbes

Speaker is on an advisory board member for Sobi

05/11/2023  Marsha Treadwell PhD, Manar Zaghlula PhD & Christelle Salomon MS, moderated by Julia Brown PhD  Ethics and Access for Sickle Cell Gene Therapies

https://youtu.be/2oyzrr9BDaQ

1. Articulate the unique challenges of introducing gene therapy in a disease characterized by inequities.
2. Describe the access barriers to sickle cell gene therapies and how this might impact patient care.
3. Appreciate the challenges of discussing curative therapies with patients.

Marsha Treadwell receives royalties from Wolters Kluwer Health and is a consultant for Global Blood Therapeutics. Manar Zaghlula is a stock shareholder with Moderna, Agilent, 10X Genomics, & Intellia Therapeutics. Christelle Salomon & Julia Brown have no relationships to disclose.

05/18/2023  NO Grand Rounds- Research Day
<table>
<thead>
<tr>
<th>Date</th>
<th>Presenter(s)</th>
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</tr>
</thead>
<tbody>
<tr>
<td>05/25/2023</td>
<td>Stephen Gitelman MD</td>
<td>Altering the course of Type 1 Diabetes: The Journey With Teplizumab &lt;br&gt; <a href="https://youtu.be/QhHPuMH4wbo">https://youtu.be/QhHPuMH4wbo</a></td>
<td>Speaker is on the advisory board for Abata, Avotres, Genentech, GentiBio, &amp; Sana Biotechnologies; DSMB member at Diamyd; Received funding to support clinical trials from Provention Bio</td>
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<td>06/01/2023</td>
<td>Sallie Permar MD PhD</td>
<td>Tooley Lecture: Ending pandemics through enhancing early life immunity &lt;br&gt; <a href="https://youtu.be/3fsTEo-ENKY">https://youtu.be/3fsTEo-ENKY</a></td>
<td>Speaker is a CMV Vaccines consultant for Moderna, Merck, Dynavax, Hoopika, Pfizer, and GSK</td>
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<td>06/08/2023</td>
<td>Emily Levy MD</td>
<td>Influenza-related Critical Illness: Strategies for Severe Influenza in Children &lt;br&gt; <a href="https://youtu.be/bBIl-hk9atU">https://youtu.be/bBIl-hk9atU</a></td>
<td>No relationships to disclose</td>
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<td>06/15/2023</td>
<td>Lisa Grossman Liu MD PhD, Meron Meshesha MD MPH, Olivia Molineaux MD, Josten Overall MD MPH, Kelly Walters MD &amp; Rebecca Webb MD moderated by Joslyn Nolasco MD</td>
<td>Quality Improvement Projects in Resident Clinics at UCSF Pediatric Primary Care West Bay: Improving MyChart access for Limited English Proficiency Patients &lt;br&gt; <a href="https://youtu.be/rvz32clg5aA">https://youtu.be/rvz32clg5aA</a></td>
<td>Speakers have no relationships to disclose</td>
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| 06/22/2023 | Nicole Penwell MD MPH & Khyati Brahmbhatt MD | Early Recognition, Consistent Messaging, and Functional Rehabilitation: Strategies for Managing Pediatric Somatization | 1. Introduce the UCSF somatic symptom and related disorder inpatient clinical pathway  
2. Review key strategies for managing somatic symptom and related disorders (“functional disorders”) in the inpatient setting and beyond  
3. Explore sample scripts for explaining somatoform disorders to patients /families | Speakers have no relationships to disclose                                                                                       |
| 06/29/2023 | Stefan Friedrichsdorf MD                     | Software problems unrelated to a hardware problem? Explaining chronic pain to kids and their parents. | 1. Discuss pathophysiology explaining development of chronic pain in children with and without tissue injury  
2. Explore successful interdisciplinary rehabilitative and psychological treatment choices and appreciate very low importance of pharmacotherapy in treating chronic pain  
3. Review “Broken Smoke Detector” and other analogies to explain chronic pain to kids and their parents | Speaker has no relationships to disclose                                                                                      |
| 09/09/2021 | Krysten North MD MPH                         | The Low birthweight Infant Feeding Exploration (LIFE) study in India, Malawi, and Tanzania | 1. Know common beliefs and practices related to feeding low birthweight infants in India, Malawi, and Tanzania  
2. Identify WHO goals for optimal breastfeeding  
3. Understand the association between early feeding and growth throughout infancy | No relationships to disclose                                                                                               |
| 09/23/2021 | VyVy Young MD (& Sarah Schneider MS CCC-SLP) | Finding Their Voice: Pediatric Gender-Affirming Voice Care | 1. Obtain a comprehensive history specifically related to gender-related voice issues  
2. Describe the benefits of a multi-disciplinary evaluation for gender-related voice concerns  
3. Briefly discuss the treatment options that may be appropriate to address gender-related voice issues | Sarah Schneider is a royalties recipient with MedBridge. VyVy Young has no relationships to disclose. |
<table>
<thead>
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</tr>
</thead>
</table>
| 09/30/2021 | Mindy Ju MD MA                 | Exploring the Power of Simulation to Create an Inclusive Learning and Working Environment | 1. Describe the benefits of simulation as an educational and research modality  
2. Understand how simulation can be used to address issues around inclusivity | No relationships to disclose |
| 10/07/2021 | Adjoa Anyane-Yeboa MD MPH      | Understanding Health Disparities in Gastroenterology: The Path To Equity | 1. Describe how inequities in the social determinants of health result in health disparities  
2. Identify disparities in pediatric gastroenterology  
3. Identify solutions to achieve health equity in gastroenterology | No relationships to disclose |
| 10/14/2021 | Francisco Sylvester MD         | Vitamin D: "D-light" or "D-bunked"                                    | 1. Be familiar with the canonical pathways of vitamin D metabolism  
2. Be able to describe the relationship between calcium intake and vitamin D sufficiency  
3. Become familiar with possible extraskeletal effects of vitamin D | Speaker is a scientific advisor with Landos Biopharma |
| 10/28/2021 | Christine Ma MD                | Solving the Housing Crisis: How Kids are Being Forgotten              | 1. Identify the scope of housing insecurity for children and its impact on their health  
2. Describe disparities in the inclusion of children in discussions on solving housing problems  
3. Articulate the role that health care providers can serve in addressing the housing crisis | No relationships to disclose |
| 11/4/2021  | Rhea Boyd MD MPH               | A Pandemic of the Unequal: Challenging Notions of Hesitancy and Confronting Access Barriers | 1. Identify racial inequities in COVID vaccine uptake and access, for children and adults  
2. Describe the structural barriers that limit COVID vaccine acceptance and uptake  
3. Name strategies that can advance racial equity in COVID vaccine distribution, acceptance and uptake | No relationships to disclose |
| 11/18/2021 | Naike Bochatay PHD             | From Conflict to Collaboration: Interprofessional Relationships in Clinical Environments | 1. Describe the social identity perspective as a lens to study interprofessional relationships  
2. Compare and contrast different sources of and responses to conflict in clinical environments  
3. Understand how educational interventions informed by the social identity perspective can foster collaborative clinical environments | No relationships to disclose |
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<thead>
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<th>Speaker</th>
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<th>Key Points</th>
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</thead>
</table>
| 12/2/2021  | Joanna Halkias MD                | Early Life Immunity: Not just a younger version of the adult          | 1. Identify perinatal immune adaptations and their functions  
2. Recognize the risk factors for preterm birth and inflammatory injury in the premature infant  
3. Understand the role of host-microbial interactions in early life immune development | No relationships to disclose                     |
2. Learn about the impacts of white matter injury | No relationships to disclose                     |
| 12/16/2021 | Michelle Guy MD                  | Mitigating Healthcare Disparities Through Improved Medical Note Writing Skills in the Era of Open Notes | 1. Analyze language in the medical record and categorize it as anti-biased vs stigmatizing  
2. Recognize how implicit bias and stigmatizing language may perpetuate healthcare disparities  
3. Consider how you might give a colleague or learner feedback on a note you recognize has stigmatizing language | No relationships to disclose                     |
| 1/6/2022   | Camara-Jones MD MPH PhD          | Confronting Racism Denial: Tools for naming racism and moving to action | 1. Use the Dual Reality allegory to communicate to others that racism exists  
2. Define racism as a system with three impacts  
3. Name three key principles for achieving health equity | No relationships to disclose                     |
| 1/13/2022  | Dayna Long MD FAAP & Neeta Thakur MD MPH | PEARLS on Screening for Social Adversity in Primary Care: the Why & How | 1. Understand the evidence connecting adverse childhood experiences (ACEs) with poor health  
2. Discuss the process to develop and implement a screen for ACEs in pediatric primary care with families and practicing providers. | Speaker is an honorarium recipient from Merck CORE & Janssen Scientific Affairs/Population Health Research |
| 1/27/2022  | Justin Bullock MD MPH            | Why N+1 Matters for Equity in Medical Education                       | 1. Discuss intersecting social forces which disproportionately impact minoritized individuals in medicine  
2. Practice anticipatory conversations to preempt microaggressions  
3. Apply a framework of inclusion to disability in medical training | No relationships to disclose                     |
| 2/3/2022   | Sunitha Kaiser MD MSc            | Using Implementation Science to Improve Pediatric Hospital Care       | 1. Understand the goals and methods of health services research and implementation science  
2. Review examples of successful, large-scale interventions to improve hospital care quality  
3. Describe important areas of future work in improving care and outcomes for hospitalized children | No relationships to disclose                     |
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| 2/17/2022  | Tippi Mackenzie MD               | Fetal therapies for patients with genetic conditions                                        | 1. Explain the rationale for fetal therapy in genetic diseases  
2. Explain ways to treat fetuses with alpha thalassemia major  
3. Understand risk/benefit considerations for fetal therapy in patients with lysosomal storage diseases | Speaker is a SAB member of Acrigen and is a research grant recipient from BioMarin & Novartis |
| 2/24/2022  | Diego Bohórquez, PhD             | Bramham Lecture: Sugar: A gut choice                                                        | 1. To learn principles about the neural basis of sugar preference.  
2. To learn principles about Neuropod cells and the transformation of food into feelings.  
3. To learn principles about the structure of scientific discovery. | No relationships to disclose                                                                                              |
| 3/3/2022   | Valerie Gribben MD               | Vaping Myths and Misconceptions                                                              | 1. Understand the basics of vaping and e-cigarettes  
2. Recognize how prevalent vaping is among teens and pre-teens  
3. Recognize the influence of vape culture on-line  
4. Discuss techniques to help teens quit vaping | No relationships to disclose                                                                                              |
| 3/10/2022  | Mark Walters MD                  | Curative therapies for Hemoglobin Disorders                                                   | 1. Examine the current results of allogeneic HCT for sickle cell disease and recipient/donor features that affect outcomes.  
2. Differentiate the types of gene and genomic therapy approaches in sickle cell disease.  
3. Compare the benefits vs. safety risks associated with gene therapies for sickle cell disease. | Speaker is a consultant for AllCells Inc., BioLabs Inc., Vertex Pharmaceuticals, & Ensoma Inc. |
2. Describe methods that can be used to facilitate effective communication between patients and providers.  
3. Discuss an adverse event that could be prevented by effective communication between patients, families and providers. | No relationships to disclose                                                                                              |
| 3/24/2022  | Madhusmita Misra MD MPH          | Oligomenorrhea in Young Athletes: Consequences and Management Dilemmas                      | 1. Know the impact of low energy availability on menstrual and bone outcomes in athletes  
2. Manage oligomenorrhea in athletes  
3. Discuss strategies to optimize bone health of athletes | Speaker is a consultant for Sanofi, on the scientific advisory board of Ipsen, & both a consultant and on the advisory board for Abbvie |
<table>
<thead>
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</thead>
<tbody>
<tr>
<td>3/31/22</td>
<td>Addison Cuneo MD</td>
<td>Unspeakable: the path towards doing no harm in pediatric chronic illness</td>
<td>1. Become familiar with concepts of medical traumatic stress.&lt;br&gt;2. Understand the unique triggers, manifestations, and functional impairments of medical traumatic stress in pediatric onset chronic illnesses.&lt;br&gt;3. Recognize first steps you can take towards integrating trauma-informed and medical trauma minimizing care into your practice.</td>
<td>No relationships to disclose</td>
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<td>4/7/22</td>
<td>Sarah Roberts CHI™ - Spanish</td>
<td>How Partnering with Interpreters can Promote Health Equity and Social Justice</td>
<td>1. Describe how interpreting services are fundamental to the mission and vision of the Department of Pediatrics&lt;br&gt;2. Identify how partnering with interpreters as subject matter experts can support the patient care goals of providers&lt;br&gt;3. Give examples of best practices for partnering with interpreters in the areas of research, education, and patient care, with the overarching values of social justice and health equity</td>
<td>No relationships to disclose</td>
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<td>4/14/22</td>
<td>Mercedes Paredes MD PhD</td>
<td>Postnatal Cortical Development: A Late Path to Neurodevelopmental Disorders</td>
<td>1. Recognize the challenges of diagnosing and management of neurodevelopmental disorders&lt;br&gt;2. Understand the unique features of human cortical development&lt;br&gt;3. Describe how postnatal brain development could contribute to neurological and neuropsychiatric disease</td>
<td>No relationships to disclose</td>
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<tr>
<td>4/21/22</td>
<td>Anita Moon-Grady MD</td>
<td>How Smart is Our Future? Artificial Intelligence and Congenital Heart Disease Imaging</td>
<td>1. Understand the basic concepts of Artificial Intelligence and Machine Learning&lt;br&gt;2. Be more aware of the pitfalls of current obstetric screening for congenital heart disease&lt;br&gt;3. Understand the potential application of Deep Learning to imaging in medicine</td>
<td>No relationships to disclose</td>
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<tr>
<td>4/28/22</td>
<td>Glenn Rosenbluth MD</td>
<td>Patient Safety 2.0 - Disparities, interventions, and opportunities</td>
<td>1. Describe the basic epidemiology of medical errors and preventable adverse events&lt;br&gt;2. Describe how we get data about safety events, including what we can learn from patient and families&lt;br&gt;3. Discuss disparities in safety events Identify strategies to improve patient safety in diverse populations</td>
<td>No relationships to disclose</td>
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<tr>
<td>Date</td>
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| 5/5/2022   | Robert Pantell MD                     | The 2021 AAP Febrile Infant Guideline: Looking Under the Hood        | 1. Identify the role of new and emerging biomarkers for risk stratification of febrile infants  
2. Implement new age-based recommendations for diagnosing and treating febrile infants  
3. Understand the development process and limitations of clinical practice guidelines | No relationships to disclose |
| 5/12/2022  | David Kessler MD JD moderated by Raphael Hirsch MD | A conversation with Dr. David A. Kessler, Chief Science Officer, US Covid-19 Response, on COVID19 vaccine development and where we are with vaccinating young children | 1. Understand the rationale for current recommendations for COVID19 vaccination in adults and children  
2. Describe challenges in COVID vaccine development for young children  
3. List efforts to improve access and uptake of vaccines across different populations in the US | Former board member of Immucor |
2. Recognize the path from bench to bedside for effective therapy, and the importance of accurately modeling target populations  
3. Realize that there is no silver bullet, and likely a combination of therapies will be required to optimize outcomes | No relationships to disclose |
| 6/2/2022   | Evelyn Mok-Lin MD & James Smith MD MS | Fertility preservation options in pre-pubertal patients with ovaries & Fertility Preservation and Restoration for Children, Adolescents, and Young Adults | 1. Understand fertility preservation options for people with ovaries  
2. Describe Ovarian Tissue Cryopreservation (OTC) and possible egg cryo | Evelyn Mok-Lin has no relationships to disclose, James Smith serves as an advisor to Fellow Health, Posternity Health, & Inherent Bio |
| 6/9/2022   | Benjamin Chaffee DDS MPH PhD          | Kids and Cannabis in California                                       | 1. Describe recent trends in the use of cannabis among adolescents in California and nationally  
2. Identify the health risks associated with cannabis use by adolescents  
3. Recognize how adolescents' perceptions, motivations, and intentions differ between tobacco, nicotine, and cannabis products | No relationships to disclose |
Quality Improvement Projects in Resident Clinics at UCSF Mount Zion and UCSF China Basin
https://youtu.be/FcOjfrlhR4w

1. To understand how staff, residents and faculty can collaborate on a practice-wide QI project to adopt a new developmental screening tool at the 9 month well child visit
2. To describe improvements in lead screening rates among 2-year olds
3. To discuss reductions in disparities in the rates of completion of adolescent immunizations by age 13 years

No relationships to disclose
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| 10/01/2020 | Alysia Cirona-Singh MD                           | Speaking the Unspeakable: Patient Death from the Perspective of a Physician Parent | 1. Have a deepened understanding of their professional role in caring for families facing end of life in a pediatric patient  
2. Have greater problem-solving skills when navigating systems-related issues as they pertain to specific clinical situations  
3. Be equipped with a greater understanding about how to identify and manage their own feelings regarding end of life issues in a pediatric patient | No relationships to disclose                                                             |
| 10/06/2020 | Daniel Woolridge, MD, MPH, MS                    | Pushing for Diversity: The Curious Case of California and Affirmative Action | 1. Review the history of Affirmative Action in California and understand the role of Ballot Proposition 209 in shaping the state and national narrative around diversity  
2. Elucidate the impact bans on Affirmative Action have on the medical profession  
3. Provide education on how civic engagement, particularly within the state of California, impacts state and national politics | No relationships to disclose                                                             |
| 10/15/2020 | Hannah Glass MDCM MAS                           | Evidence-Based Practice Change for Acute Seizures in Newborns        | 1. Describe current treatment approaches for acute symptomatic neonatal seizures  
2. Explain new data from the Neonatal Seizure Registry regarding treatment duration and impact on outcomes  
3. Explain new data from the Neonatal Seizure Registry on well-being for parents of children who survived neonatal seizures | Spouse is stock owner with Elemeno Health                                                  |
| 10/22/2020 | Jason Pomerantz MD; Margaret (Peg) Langham PNP; Glenni Rosenbluth MD; Ophir Klein MD PhD; Alice Goodwin DDS, PhD | The UCSF Craniofacial Center – a (re)introduction to complex interprofessional team care | 1. Explain the basic elements of cleft and craniofacial team care  
2. Understand clinical findings and potential treatments in craniofacial disorders | Jason Pomerantz, Margaret Langham, Alice Goodwin & Glenni Rosenbluth have no relationships to disclose. Ophir Klein is a consultant for Stemodontics. |
| 10/29/2020 | Diane Slivka MD & Elizabeth Rogers MD            | Healing for the Medical Profession: Our Path Forward                | 1. Describe the implications of burnout on clinical, organizational and individual outcomes  
2. Describe examples of organizational and individual factors on the work experience  
3. Implement one next step toward improving the work experience | Speakers have no relationships to disclose                                                |
| 11/05/2020 | Atul Butte MD PhD                               | Precisely Practicing Medicine from 700 Trillion Points of Data       | 1. What are the different forms of artificial intelligence?  
2. What does electronic health record data look like, and how can we use this kind of data to assess health care quality?  
3. How can we use electronic health record data to predict what happens next to patients? | See link for all speaker disclosures                                                      |
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| 11/12/2020 | Khyati Brahmbhatt MD, Arpi Bekmezian MD, & Nora Pfaff MD | Suicide Risk in Pediatric Hospital Settings: What Can We Do?                                 | 1. Understand the scope of the problem of suicide in children and adolescents  
2. Learn about a suicide risk assessment and management clinical pathway  
3. Become familiar with the outcomes of implementation of the pathway at BCH-SF | Speakers have no relationships to disclose |
| 11/19/2020 | Speaker Panel moderated by Anda Kuo MD & Felicie Standley MSW | Life after the election – What we as a pediatric community can and should do                  | 1. Discuss the impact of the election results on the wellbeing of children and health equity  
2. Describe ways in which the pediatric community can help through advocacy and action | Speakers have no relationships to disclose |
| 11/26/2020 | NO GRAND ROUNDS: Thanksgiving Holiday                |                                                                                             |                                                                                                     |                                                   |
| 12/03/2020 | Betsy Crouch MD PhD                                   | A New Neurovascular Progenitor in the Human Brain: Novel Perspective on Early Brain Development & Injury | 1. Identify the ganglionic eminences in the mid-gestation human brain and explain their major role in neurodevelopment  
2. Describe the epidemiological risk factors for germinal matrix hemorrhage (GMH)/intraventricular hemorrhage (IVH) in preterm infants  
3. Explain the current understanding of the pathogenesis of GMH/IVH | Speaker is an Amgen grant recipient |
| 12/10/2020 | Alejandro Sweet-Cordero MD                            | Precision Medicine for Advanced Pediatric Cancers: the UCSF experience                         | 1. Understand the utility of next generation sequencing DNA panels for diagnosis, germline cancer predisposition detection and treatment of pediatric cancers  
2. Understand the potential utility of RNA seq analysis for pediatric cancer  
3. Understand what is a mutational signature and how it can help us determine the evolution of pediatric cancers over time | Speaker has no relationships to disclose |
| 12/17/2020 | Joel Ernst MD, Ayanna Bennett MD MS, & Erica Pan MD MPH- moderated by Ted Ruel MD | Pediatric Considerations for SARS-CoV-2 Vaccines                                             | 1. Understand the immunologic mechanisms of current SARS-CoV-2 vaccine  
2. Learn about the epidemiology of SARS-CoV-2 vaccines among children in our region  
3. Learn about how California state DPH plans to prioritize and distribute SARS-CoV-2 vaccines | Joel Ernst is stockholder with Gilead & Regeneron. Erica Pan, Ayanna Bennett, & Ted Ruel have no relationships to disclose. |
| 12/24/2020 | NO GRAND ROUNDS: Christmas Holiday                    |                                                                                             |                                                                                                     |                                                   |
| 12/31/2020 | NO GRAND ROUNDS- New Year Holiday                     |                                                                                             |                                                                                                     |                                                   |
| 01/07/2021 | Robert Morris, Jr                                     | The Genius of Dyslexia – Understanding your Patients, Families, and Colleagues                | 1. Discuss what constitutes diversity, expanding the view beyond gender and race  
2. Describe constructive engagement for sustainable change & discuss how UCSF can better serve patients, families, and employees  
3. Understand how to look beyond the obvious and find value and opportunity for constructive change and evolution | No relationships to disclose |
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| 01/14/2021 | Emily Frank MD FAAP & Donald Woodson MA | Igniting the Spark through Extending the Pipeline [https://youtu.be/lqIUoIP7o3cY](https://youtu.be/lqIUoIP7o3cY) | 1. Illuminate the ways in which UCSF has been impacting Oakland youth health literacy, health advocacy, and career development outside the walls of the clinic and hospital  
2. Inspire viewers to consider ways to personally and collectively broaden and deepen this work | Emily Frank is a stockholder with MMM & Honeywell. Donald Woodson has no relationships to disclose tinyurl.com/ucsfvolunteers                                      |
| 01/21/2021 | Rachel Zoffness PhD           | A Biopsychosocial Approach to Pediatric Pain Medicine [https://youtu.be/spYsa8E6_Y4U](https://youtu.be/spYsa8E6_Y4U) | 1. Describe the biopsychosocial model of pain  
2. Examine how to “explain pain” to youth and families using neuroscience and metaphor  
3. Name 2 strategies used in Cognitive Behavioral Therapy (CBT) to help youth manage pain | No relationships to disclose                                                                                                                               |
| 01/28/2021 | Alma Martinez MD MPH, Efrat Lelkes MD, Jeff Fineman, MD & Maggie Montoya MD, Moderated by Elizabeth Rogers MD & Laura Rubinos MD | How mentorship shaped my career: Perspectives on the value of mentoring relationships [https://youtu.be/sAo5M7Jxj6w](https://youtu.be/sAo5M7Jxj6w) | 1. Discuss the benefits of a longitudinal mentorship relationship in the transition from residency to fellowship to faculty  
2. Discuss strategies for addressing common challenges in mentorship  
3. Describe best practices for establishing an effective mentorship relationship | Speakers have no relationships to disclose                                                                                                                  |
| 02/04/2021 | Patricia Hametz MD            | Surging in Place: Outcomes and Lessons Learned from the COVID-19 Transformation of a Children’s Hospital [https://youtu.be/ylUTD6zRoMg](https://youtu.be/ylUTD6zRoMg) | 1. To explain different models of expanding surge capacity within a children’s hospital in a pandemic  
2. To identify challenges for pediatric staff to meeting the healthcare needs of adult patients during a pandemic  
3. To understand the factors associated with the successful transformation of a pediatric inpatient unit into an adult COVID-19 unit. | No relationships to disclose                                                                                                                               |
| 02/11/2021 | Mike Pitt MD                  | Say What? Diagnosing and Treating the 7 Types of Jargon Overuse [https://youtu.be/edAuFUUpkO8](https://youtu.be/edAuFUUpkO8) | 1. Describe why jargon is used and why it is problematic  
2. Recognize the seven types of jargon that are used in clinical practice and provide examples of each  
3. Identify jargon heavy clinical scenarios and suggest modifications to improve clarity | Speaker is founder of Q-Rounds Jack’s Basket  
| 02/18/2021 | Lars Bode, PhD                | Bramham Lecture: Human Milk Oligosaccharides: Recent Advances and Discoveries [https://youtu.be/-pUe9__dgyU](https://youtu.be/-pUe9__dgyU) | 1. Understand the structural complexities of human milk oligosaccharides  
2. List at least 3 potential mechanisms of action of how human milk oligosaccharides may work  
3. Understand how a broad spectrum of in vitro, in vivo and clinical studies is required to fully assess the benefits of human milk components | No relationships to disclose                                                                                                                              |
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<tr>
<td>02/25/21</td>
<td>Duncan Henry MD &amp; Lindsay Braun MD</td>
<td>Complex Care – Problems, Priorities, Programs, and Possibilities</td>
<td>Identify characteristics of children with medical complexity and discuss relevant healthcare metrics associated with this population. Describe care management models designed to support children with medical complexity and their families. Analyze the impact of one model of complex care &amp; identify opportunities for expansion of complex care services at UCSF.</td>
<td>No relationships to disclose</td>
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<tr>
<td>03/04/21</td>
<td>Rabbi Michael Lezak &amp; Isoke Femi</td>
<td>Truth, Justice and Reconciliation: Connecting the Dots from Alabama to San Francisco</td>
<td>1. Understand Glide’s soulful, heart-centered approach to our healing justice work. 2. To see ourselves as active, hopeful, healing players on the local justice stage.</td>
<td>No relationships to disclose</td>
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<td>03/11/21</td>
<td>Michael Harris PhD</td>
<td>Innovative Intervention for the Biggest Losers in Diabetes: NICH Work(s)!</td>
<td>1. Describe the current care model for youth with diabetes and how underrepresented and underserved populations are not well served by our current care model. 2. Understand novel intervention (ie, NICH) for youth with diabetes and how it is implemented to address SDoH, specifically disparities in health care access for underrepresented and underserved populations. 3. Identify primary outcomes of NICH including reducing costs, improving care, and improving health and describe current effort to implement NICH to youth in the Bay Area (UCSF and Stanford).</td>
<td>No relationships to disclose</td>
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<tr>
<td>03/18/21</td>
<td>Ridhaa Sachidanandan &amp; Jeannette Lager MD MPH</td>
<td>Dysmenorrhea in Adolescents: Diagnoses and Treatment</td>
<td>1. Identify a differential diagnosis for dysmenorrhea. 2. Discuss treatment options (both medical and surgical) for Endometriosis: the most common cause of secondary dysmenorrhea in adolescents. 3. Emphasize the importance of a multidisciplinary approach to pelvic pain.</td>
<td>No relationships to disclose</td>
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<td>03/25/21</td>
<td>Rebecca Smith-Bindman MD</td>
<td>Computed Tomography: A Medical Triumph Fostering a Silent Epidemic</td>
<td>1. To understand the largest source of radiation dose from medical imaging. 2. To understand the use of advanced imaging in the U.S. and in particular in children. 3. To understand the potential risks associated with CT, particularly in children.</td>
<td>Speaker is the founder of Alara Imaging</td>
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<td>04/01/21</td>
<td>Laurel Leslie MD MPH</td>
<td>Easing the emotional dis-ease of children with chronic medical conditions and their families</td>
<td>1. Review bidirectional links between pediatric chronic medical conditions (CMC) and emotional health and resilience. 2. Learn about a new educational initiative, the Roadmap Project, that supports children with CMCs and their families and promotes behavioral mental health (BMMH). 3. Identify strategies for attending to BMMH among children with chronic conditions and their families.</td>
<td>No relationships to disclose</td>
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| 04/08/2021 | CARE Panel & Guest Residents Co-Hosted by Camilla Cribb Fabersunne MD MPH & Corina Iacopetti MD MA | UCSF De-escalation Program Development: a Case Study of Challenges and Opportunities in Anti-Racism Work | 1. Describe the structural racism present in behavioral response policies and hospital use of security/police
2. Analyze challenges to anti-racism endeavors that recur when translating theory into practice, including the tension between safety and comfort
3. Apply "Racism as a Root Cause" approach to evaluating the de-escalation task force process aimed at eliminating racial disparities in security calls
4. Recognize the integral relationship-building component of equity work by highlighting transdisciplinary voices from the de-escalation team |
|            |                                      |                                                                      | Speakers have no relationships to disclose                                   |
| 04/15/2021 | Adam Schickedanz MD PhD              | Poverty, Purpose, and Practice                                       | 1. Define scarcity
2. Identify the effects of scarcity on behavior
3. Describe how interventions that provide slack help overcome scarcity and the scarcity mindset |
|            |                                      |                                                                      | No relationships to disclose                                                  |
| 04/22/2021 | Lena Winestone MD                    | Pediatric Cancer Outcome Disparities: Understanding Barriers to Health Equity | 1. Understand that pediatric cancer disparities are pervasive and not disease-specific
2. Describe the role that access to care across the continuum of cancer services plays in contributing to disparities
3. Consider the various determinant of access to care including insurance, socioeconomic status, and race/ethnicity as determinants of outcome disparities in pediatric oncology |
|            |                                      |                                                                      | No relationships to disclose                                                  |
| 04/29/2021 | Meredith Russell PNP & Janet Lee MD MPH MAS | The Future is Now: Increasing Access to Care for Transgender Youth Using Telehealth | 1. Identify the barriers that transgender/gender diverse youth face in accessing gender-affirming care
2. Describe how telehealth was implemented to increase convenience of follow-up and reduce hours missed from other activities compared to clinic visits while maintaining high patient satisfaction
3. Understand the factors impacting the future of telehealth post SARS-CoV-2 pandemic |
<p>|            |                                      |                                                                      | Janet Lee is an advisory board member for Ultragenyx. Meredith Russell has no relationships to disclose. |</p>
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<th>Relationships disclosed?</th>
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| 05/06/2021 | Nicole Bush PhD                                                             | The Biological Embedding of Early Life Stress and Paths to Resilience: Interdisciplinary, Intergenerational Developmental Health | 1. Learn about various biological mechanisms for social determinants of health, beginning in utero and early childhood  
  2. Learn about individual difference and contextual factors and interventions that can buffer children and families from the negative health risks associated with exposure to toxic stress  
  3. Learn about interdisciplinary approaches to assessment of and addressing health risks associated with adversity exposure | No relationships to disclose |
| 05/13/2021 | NO GRAND ROUNDS UCSF Advances Week                                           |                                                                     |                                                                                           |                         |
| 05/20/2021 | David Blauvelt MD                                                            | Grumbach Lecture: SiMOx: A Silicon Nanopore Membrane Oxygenator for an Artificial Placenta | 1. Describe how an artificial placenta may reduce mortality and lung disease in extremely preterm infants  
  2. Identify the limitations of hollow-fiber membrane technology and strategies to address these limitations  
  3. Outline the advantages of a rigid, flat semi-permeable membrane for an artificial placenta oxygenator | No relationships to disclose |
| 05/27/2021 | Mark Ghaly MD MPH                                                            | Charting a new course for Children, Youth and Young Adult BH in California – A Post-Pandemic Opportunity | 1. Behavioral health impacts of Covid on young people  
  2. How State Budget process works and HHHS Agency Responsibilities  
  3. Plan for Transformed Children’s and Young Adult’s Behavioral Health System in CA | No relationships to disclose |
| 06/03/2021 | Steven Fishman MD                                                            | Tooley Lecture: Vascular Anomalies: Lessons Learned From Our Patients | 1. Distinguish vascular tumors from malformations  
  2. Understand surgical approaches to vascular anomalies  
  3. Articulate pharmacologic options for treating vascular anomalies | No relationships to disclose |
| 06/10/2021 | Melanie Baskind MD, Laura Deering MD, Lyndsey Hunter-Adamson MD, Cassidy Mellin MD, Martha Muna MD, Billy Nguyen MD, Daniel Pique MD PhD, Anya Platt MD, Caitlin Royse MD, Sonja Swenson MD, Tina Tan MD- Led by John Takayama MD MPH | Quality Improvement Projects in Resident Continuity Clinics at UCSF Mount Zion and UCSF China Basin | 1. To describe resident QI projects to improve screening practices (anemia, food insecurity)  
  2. To examine how residents improved their self care during the pandemic  
  3. To discuss resident participation in a practice-wide QI project to improve immunization rates  
  4. To understand how to involve families in selecting QI projects | John Takayama is a stock shareholder with Omnicell Inc, Wal-Mart Stores, and Proctor & Gamble; M. Baskind, L. Deering, L. Grant, L. Hunter-Adamson, C. Mellin, M. Muna, T. Nguyen, D. Pique, A. Platt, C. Royse, S. Swenson, & T. Tan have no relationships to disclose |
| 06/17/2021 | Juli Tomaino MD                                                              | Introduction to FDA: History, Regulations, and Clinical Trial Design  | 1. Understand the role of the FDA  
  2. Describe the design elements of adequate and well-controlled clinical trials  
  3. Recognize the basic aspects of drug development in the pediatric population | No relationships to disclose |
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| 06/24/2021 | Amy Beck MD        | Childhood Obesity Through the Lens of Health Equity                   | 1. Describe how structural inequities contribute to the childhood obesity epidemic  
2. Understand how the COVID-19 pandemic has exacerbated structural inequities and led to rising rates of childhood obesity among disadvantaged populations  
3. Understand potential interventions to reduce child sugar-sweetened beverage consumption and counteract the impact of predatory marketing practices | No relationships to disclose |

This UCSF CME educational activity was planned and developed to: uphold academic standards to ensure balance, independence, objectivity, and scientific rigor; adhere to requirements to protect health information under the Health Insurance Portability & Accountability Act of 1996 (HIPAA); and, include a mechanism to inform learners when unapproved or unlabeled uses of therapeutic products or agents are discussed or referenced.

The University of California San Francisco, School of Medicine (UCSF) is accredited by the Accreditation Council for Continuing Medical Education to provide continuing medical education for physicians.

UCSF designates this live activity for a maximum of 40 AMA PRA Category 1 credit(s)™. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

To earn CME credits, you must:
1. Sign in at Grand Rounds by scanning your badge at the door
1a. If viewing online, session must be livestreamed (watched in real time) in its entirety
2. Complete the evaluation
3. Claim your CME credits by logging in here: https://meded.ucsf.edu/continuing-education
4. Having trouble? Email Laiba.Ghufran@ucsf.edu

Planning Committee Members

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<tr>
<td>James Bayrer</td>
<td>No relationships to disclose</td>
</tr>
<tr>
<td>Betsy Crouch</td>
<td>Grant recipient from Amgen to investigate adult brain endothelial cells</td>
</tr>
<tr>
<td>Brian Feldman</td>
<td>No relationships to disclose</td>
</tr>
<tr>
<td>Mel Heyman</td>
<td>Panel member at Gilead and stock shareholder with Amgen. Receives research support/grants from Janssen, AbbVie, Shire, Takeda, Genentech, and Mallinckrodt. Advisor/reviewer for Genentech.</td>
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<tr>
<td>James McGuire</td>
<td>No relationships to disclose</td>
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<tr>
<td>Meg McNamara</td>
<td>No relationships to disclose</td>
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<tr>
<td>Elizabeth Rogers</td>
<td>No relationships to disclose</td>
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<tr>
<td>Meredith Russell</td>
<td>No relationships to disclose</td>
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<tr>
<td>Sandrijn van Schaik</td>
<td>No relationships to disclose</td>
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<tr>
<td>Lydia Tinajero-Deck</td>
<td>No relationships to disclose</td>
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