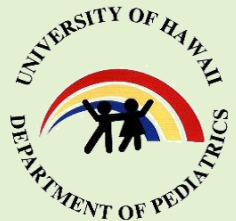


**John A. Burns School of Medicine  
University of Hawaii**

**2021-2022**  
**Department of Pediatrics**  
**ANNUAL REPORT**





<https://www.philpotts.net/portfolio/kapiolani-medical-center-diamond-head-tower/>

The University of Hawai'i John A. Burns School of Medicine was established in 1965 as a two year basic medical sciences program and subsequently became a four year degree program effective 1973. All of the Clinical Science Program are located in the affiliated hospitals with the Department of Pediatrics located at Kapi'olani Medical Center for Women and Children.



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# Message from the Editor



Despite starting early we have once again delayed the release of this annual report. This reflects the challenge of collating information for this report from a multitude of sources. Once again, I am thankful to the assistance of Huanli Hu, who has worked hard on collecting the information and collating it into a beautiful report. I also take this opportunity to thank her, as she will be transitioning from our Department soon after the publication of this report. We wish her the best in the pursuit of her dreams of going to Medical School here.

It is always a rewarding task for me to review and provide editorial oversight for this report. As you will notice there are many stylistic changes to the report this year. If there are areas that should be targeted for inclusion in the future, please let me know.

Please continue to provide feedback about this report and the Departmental website <https://pediatrics.jabsom.hawaii.edu> to make our web presence meaningful and valuable to all.

A handwritten signature in black ink that reads "Balaraman". The signature is fluid and cursive.

**Venkataraman Balaraman, MBBS**

Associate Professor and Vice-Chair, Department of Pediatrics



# Message from the Chair



**The faculty, residents and staff are pleased to share the 2021-2022 annual report of our Department of Pediatrics, University of Hawaii, John A. Burns School of Medicine.** The

last few years have unmistakably exposed inequities faced in our society. Reductions in

life expectancy, losses in employer-based health insurance, double digit rises in families living on day to day survival budgets, increases in positive screens in Social Determinants of Health, and many other parameters that reflect growing disparities in our community, make this the time for Pediatrics. Pediatrics has always focused on lifespan science, and long before “social determinants of health” was coined. It is this foundational knowledge that community greatly influences a child’s outcome and opportunity. We embrace this history and vision of Pediatrics with our commitment to provide medical education as well as the way we practice to be at the forefront of societal change. Health vs health care, health equity, addressing needs outside of the traditional health care system, are firmly aligned as our mission-based kuleana (responsibility).

We remain even more focused on this education of pediatricians to provide the appropriate physician workforce for our state, participate actively in scientific discovery and quality improvement, and partner with all entities involved in pediatric services to be responsible stewards of the pediatric commons.

As the academic arm of our state’s pediatric system of care, we continue to contribute to the science of practice and to narrow the gap between what is known in science and what is practiced. The state counts on us in this trust and in community leadership.

Hawaii is consistently rated by Gallop as one of the top states in the nation for well-being. In part, the strong sense of connectivity with family and community found here promotes our well-being. Our embracement of community and learning from our patients and families by listening to their stories has made community an even bigger influencer of how we recruit for fit in the residents, faculty and staff that join us.

Thus, the core of our department is our people: faculty, residents, students and staff. We are proud of and celebrate their accomplishments herein. Our deepest gratitude is extended to the leadership and staff of Kapi’olani Medical Center for Women & Children, Hawaii Pacific Health; the John A. Burns School of Medicine, University of Hawaii and all pediatric partners in the state. Their support makes our mission to serve Hawaii’s children achievable. Finally, my personal gratitude and mahalo (thank you) is extended to Dr Venkataraman Balaraman, who tirelessly continues as the editor of this year’s report.

A handwritten signature in black ink, appearing to read 'Ken Nakamura'. The signature is fluid and cursive.

**Kenneth T. Nakamura, M.D.**

Professor and Chair, Department of Pediatrics





# **Compensated & Non-Compensated Clinical Faculty Rosters**



## DEPARTMENTAL GOVERNANCE LEADERSHIP

**Kenneth Nakamura, MD**  
Chair

**Venkataraman Balaraman, MBBS**  
Vice Chair  
Associate Chair for Research

**Marissa Fakaosita, MD**

**David Kurahara, MD**

**Wade Kyono, MD**

**Kyra Len, MD**

**Shilpa Patel, MD**

**Kara Wong Ramsey, MD**

**Loren Yamamoto, MD**



# Leadership

## PEDIATRIC RESIDENCY PROGRAM LEADERSHIP

**David Kurahara, MD**  
Program Director

**Jennifer Di Rocco, MD**  
Associate Program Director

**Gina French, MD**  
Associate Program Director

**Marissa Fakaosita, MD**  
Recruitment & Selection Co-Chair

**Marian E. Melish, MD**  
Recruitment & Selection Co-Chair

**Andrew Feng, MD**  
Program Evaluation Committee Chair

## NEONATAL PERINATAL MEDICINE (NPM) FELLOWSHIP PROGRAM LEADERSHIP

**Venkataraman Balaraman, MBBS**  
Program Director

**Lee Brock, MD**  
Associate Program Director  
Assistant Clinical Professor  
Neonatal Perinatal Medicine, Tripler Army Medical Center





# Professors



**David Easa, MD**  
Professor Emeritus  
Am. Lung Assoc. Endowed  
Chair



**David Kurahara, MD**  
Residency Program Director  
Rheumatology



**Marian E. Melish, MD**  
Infectious Diseases



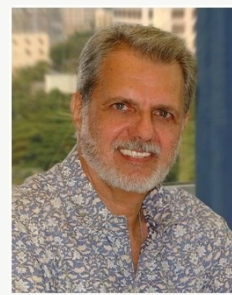
**James E. Musgrave, MD**  
Nephrology



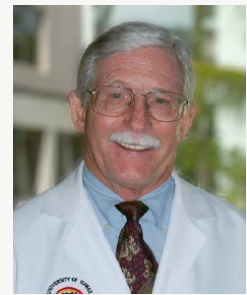
**Kenneth Nakamura, MD**  
Professor & Chair



**Charles Neal, MD, PhD\***  
Neonatal-Perinatal Medicine



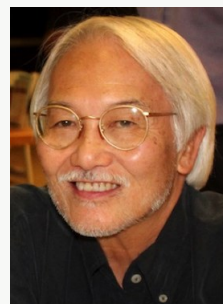
**Raul Rudoy, MD, MPH**  
Professor Emeritus  
Infectious Diseases



**Robert W. Wilkinson, MD**  
Hematology/Oncology



**Loren G. Yamamoto, MD, MPH, MBA**  
Emergency Medicine



**Richard T. Yanagihara, MD, MPH**  
Infectious Diseases

\*Division Chief

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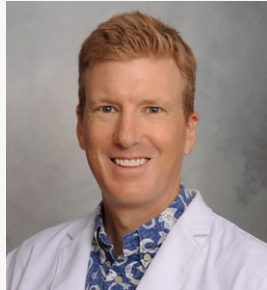
2021-2022



# Associate Professors



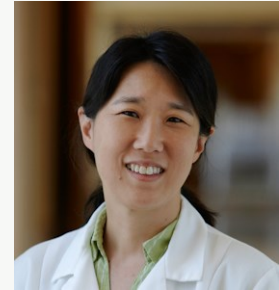
**Andras  
Bratincsak, MD, PhD**  
Cardiology



**Paul J.  
Eakin, MD\***  
Emergency Medicine



**Gina M.  
French, MD**  
Ambulatory Pediatrics



**Lynn M.  
Iwamoto, MD**  
Neonatal-Perinatal  
Medicine



**Jannet J.  
Lee-Jayaram, MD**  
Emergency Medicine



**Kyra A.  
Len, MD**  
Hospitalist



**Sheree  
Kuo, MD**  
Neonatal-Perinatal Medicine



**May  
Okihiro, MD**  
Community Pediatrics



**Shilpa J.  
Patel, MD**  
Hospitalist



**Randal K.  
Wada, MD\***  
Hematology/Oncology

\*Division Chief

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2021-2022



# Professors



**David Easa, MD**  
Professor Emeritus  
Am. Lung Assoc. Endowed  
Chair



**David Kurahara, MD**  
Residency Program Director  
Rheumatology



**Marian E. Melish, MD**  
Infectious Diseases



**James E. Musgrave, MD**  
Nephrology



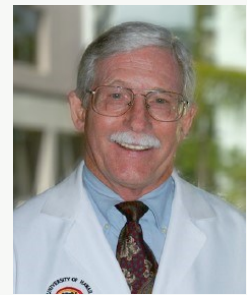
**Kenneth Nakamura, MD**  
Professor & Chair



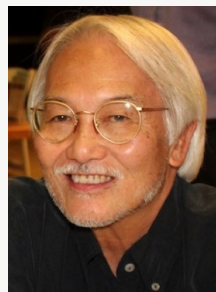
**Charles Neal, MD, PhD\***  
Neonatal-Perinatal Medicine



**Raul Rudoy, MD, MPH**  
Professor Emeritus  
Infectious Diseases



**Robert W. Wilkinson, MD**  
Hematology/Oncology



**Richard T. Yanagihara, MD, MPH**  
Infectious Diseases

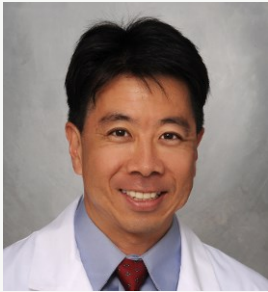
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2021-2022



# Assistant Professors



**Keith Abe, MD**  
Neurology



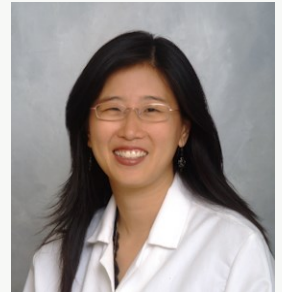
**Teresa Bane-Terakubo, MD**  
Ambulatory Pediatrics



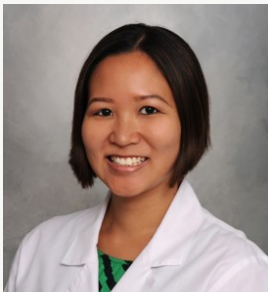
**Maureen O.J. Chang, MD**  
Ambulatory Pediatrics



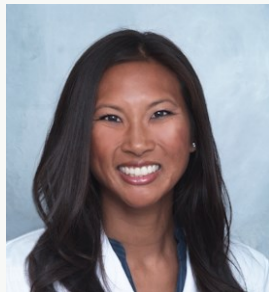
**Rupert Chang, MD**  
Critical Care Medicine



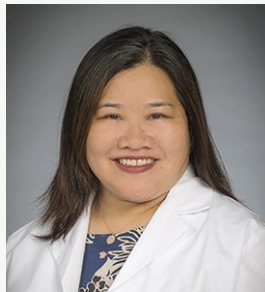
**Selina Chen, MD**  
Hospitalist



**Kelley Chinen Okimoto, MD**  
Hematology/  
Oncology



**Diane P. Ching, MD**  
Hospitalist



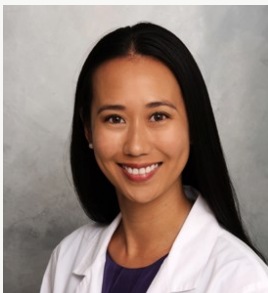
**Natascha Ching, MD**  
Infectious Diseases



**Jennifer Di Rocco, DO**  
Assistant Professor &  
Associate Residency  
Program Director  
Hospitalist



**Megan Doty, MD**  
Neonatal-Perinatal  
Medicine



**Leah Dowsett, MD**  
Genetics



**Marissa Fakaosita, MD**  
Hospitalist



**Andrew Feng, MD**  
Critical Care Medicine



**Pia Francisco-Natanauan, MD**  
Adolescent Medicine



**Darryl W. Glaser, MD**  
Hematology/  
Oncology

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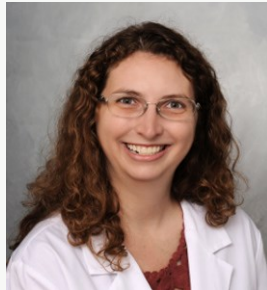
# Assistant Professors



**John Jaime  
Harrington III, MD\***  
Critical Care Medicine



**Travis  
Hong, MD**  
Emergency Medicine



**Jasmin  
Jensen, MD**  
Hematology/  
Oncology



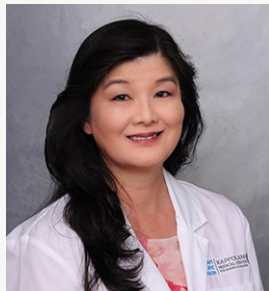
**Jennifer R.  
King, DO**  
Sports Medicine



**Jeremy L.  
King, DO**  
Gastroenterology



**Jessica S.  
Kosut, MD\***  
Hospitalist



**Mae S.I.  
Kyono, MD**  
Hospitalist



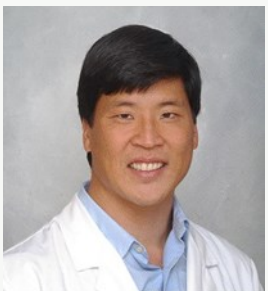
**Wade T.  
Kyono, MD**  
Hematology/  
Oncology



**Rhiana  
Lau, MD\***  
Nephrology



**Anna-Lena  
Lueker, MD**  
Hospitalist



**James C.  
Lin, MD**  
Hospitalist



**Maya  
Maxym, MD**  
Hospitalist



**Desiree  
Medeiros, MD**  
Hematology/  
Oncology



**Joan  
Meister, MD**  
Ambulatory Pediatrics



**Barry M.  
Mizuo, MD**  
Hospitalist

\*Division Chief

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2021-2022



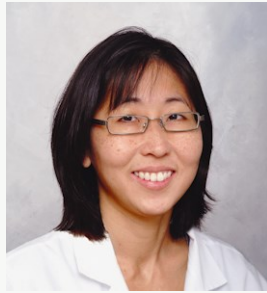
# Assistant Professors



**Kayal Natarajan, MD**  
Child Abuse Pediatrics



**Brenda M. Nishikawa, MD**  
Ambulatory Pediatrics



**Cheryl Okado, MD**  
Hospitalist



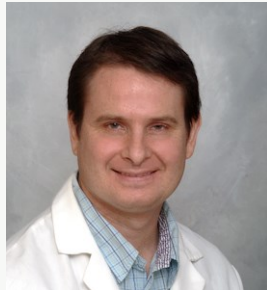
**Jeffrey K. Okamoto, MD\***  
Development/  
Behavior Pediatrics



**Amanda Schroeffer O'Kelly, MD**  
Ambulatory Pediatrics



**Gina Ramirez, MD**  
Hospitalist



**William Shea, MD**  
Hospitalist



**Sneha L. Sood, MD**  
Neonatal-Perinatal  
Medicine



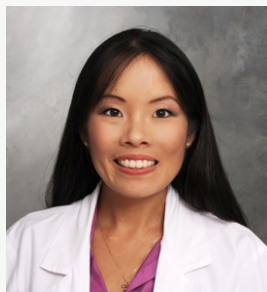
**Len Y. Tanaka, MD, MS**  
Critical Care Medicine



**Alicia Turlington, MD**  
Community Pediatrics



**Tiffany Wang, MD**  
Hospitalist



**Kara Wong Ramsey, MD**  
Neonatal-Perinatal  
Medicine



**Yolanda C. Wu, MD**  
Ambulatory Pediatrics



**Konstantine Xoinis, MD**  
Critical Care Medicine



**Kara S. Yamamoto**  
Rheumatology

\*Division Chief

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2021-2022



# Assistant Professor



**Cherilyn  
Yee, MD**  
Neonatal-Perinatal  
Medicine

# Instructors



**Lindsey  
Heathcock, MD**  
Medical Education



**Rachel  
Palting, DO**  
Medical Education

\*Division Chief

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2021-2022



# CONGRATULATIONS

## 2022 FACULTY PROMOTIONS



**Jennifer Di Rocco, MD**

Promoted to Associate Professor



**Jessica Kosut, MD**

Promoted to Associate Professor



**Shilpa Patel, MD**

Promoted to Professor



**Randal Wada, MD**

Promoted to Professor





**University of Hawaii John A. Burns School of Medicine**  
**Department of Pediatrics**  
**Clinical Faculty 2021-2022**



**Clinical Professors**

Melinda Ashton	Dominic Chow	Ken Nagamori	Kenneth Robbins	Lynn Yanagihara
Rodolfo Begue	Anthony Guerrero	Robert H Pantell	Ronald Sutherland	
Rodney Boychuk	Christine Hara	Vijaya Reddy	Mitsuaki Suzuki	

**Associate Clinical Professors**

Robert Anderson	Vanessa Fidele	Tonya Kratovil	Sada Okumura	Vince Yamashiroya
Kenneth Ash	Edward Fong	Shigeko O. Lau	Michael Sia	Gregory Yim
Robert Bidwell	Ronald H. Hino	Leah McMann	Lenhanh Tran	Tamara Zagustin
Galen Y.K. Chock	Alson Inaba	Bryan Mih	Greg Uramoto	
Robert Durkin	Byron Izuka	Michon Morita	Russell Woo	

**Assistant Clinical Professors**

Bettina Ackermann	Tiffany (Tausala)	Yomna Ibrahim	Dolores Mullikin	Michale Sofer
Toyin Ajose	Coleman-Satterfield	Susan Ingraham	John Nagamine	Allyson A. Spence-
Richard E. Ando, Jr.	Jennifer Concepcion	Julie Ireland	Gail Nakaichi	Shishido
David Ansdell	Ashley Cowan	Jon Ishii	James K. Nakamura	Lauren Staiger
Vernon Azuma	Leo Damasco	Louise Iwaishi	Christopher Naun	Brent Tamamoto
Frank Baum	Joseph D'Angelo	Melanie Jacobson	Camnhung Nguyen	Terri Tanaka
Timothy Beaty	Stephen Darling	Kendra Johnston	Charles Nguyen	Stephen H. Tenby
Eric Boorman	Joseph Dela Cruz	Jeffrey Kam	Kristyn Nishimoto	Carol Titcomb
Dona Brekke	Peter Di Rocco	Sadie Kim	Russell T. Ogawa	Jeffrey Tom
Lee Brock	Kathleen Durante	Emmanuel Kling	Michaela Okihara	Mari Uehara
Jason Brown	(Moniz)	Kevin Kon	Craig Ono	Stephanie Vann
William Brown	Stephanie Eighmy	Douglas Kwock	Sarah Park	Jasmine Waipa
Daniel Buehler	Graham Fedorak	Eugene Lee	Lucio Pascua	Michael Walter
William Burkhalter	Brett Ferguson	Jerome Lee	Jonathan Pellett	Allan Wang
Mark Burnett	Kristin Fernandez	Kit Shan Lee	Colin Petko	Joseph Ward
Miki Cain	Ryan Flanagan	Ryan Lee	Devin Puapong	Rupa Wong
Matthew Careskey	Derek Flores	Stephanie Lim	Josephine Quensell	Robert D. II Wotring
Brigitte Carreau	Camilla Fraga Lovejoy	Blair Limm-Chan	Alexandra Ramnath	Brian Wu
Sean Carroll	Kim Fujinaga	Felicita Livaudais	Cherise Saito	Melissa Yamauchi
Caroline Chang	Grace Galiza	Shelley Loui	Nadine Salle	David Young
Annie (Hsuan-hsiu)	Francisco Garcia	Amy Lumeng	Jennifer Sasaki	Geri Young
Chen	Christopher Gibu	Christopher Lynch	Masafumi Sato	Lynette Young (Nakagawa)
Benetta Chin	Meri M. Guillou	Robin Lynch	Vija Sehgal	Megan Yunghans
Derek Ching	Kristin Hallett	Donna Mah	William Sherman	
Diane L. Ching	R. Michael Hamilton	Brent Matsumoto	Lisa Ann Shigemura	
Michael Ching	Mathew Harrell	Jennifer Mbuthia	Malia Shimokawa	
Darrett Choy	Justin Hino	Keric Menes	James Sim	
Pattaraporn Chun	Carol Hirai	John Misailidis	Monica Singer	
Rachel Coel	Kelley Hutchins	Patricia Morgan	Jonathan Lloyd Sladky	

**Clinical Instructors**

Stephanie Abe	Annabelle Mateo
Chanel Casamina	John Mills
Vinson Diep	Kathleen Morimoto-
Kriselle Gaea Gines	Nishioka
Lee Goerner	Brijit Reis
Laura Hassen	Jonathan Rhine
Jean Kim	Kelsey Rhodes
Jordan Kono	Jodie Toward
Jenny Liu	Jenny Welham
Stefan Mammele	

**Adjunct Professors**

Mary Young  
Yi Zuo

**Adjunct Assistant Professors**

Yoko Akamine  
Aimee Grace

**Adjunct Instructor**

Pamela Almeida  
Kimberly A. Clifton  
Cheryl L. Griffith  
Dana K. Ing  
Tyler Jansen  
Erika Pearson  
Dawn Schaffrick  
Randy Taniguchi  
Tracie Ann Tjapkes

**Clinical Educators**

Akshatha Akshatha  
Kandie George  
Richard Jack  
Kookjae Lee  
Prashant Purohit

**Clinical Educators**

Hazel Abinsay  
Valerie Besenbruch  
Janet Blanchard  
Gail Boltron  
Judd Boloker  
Brenda Camacho  
Jennifer Case  
Raquel Chan-Ikeda  
Lois Chiu  
Cindy Collo  
Shallon Craddock  
Mark Croley  
Chloe Edinger  
Ty DeSilva  
Azriel Dror  
Tawni Gesteuyala  
Peter Gregg  
Robyn Hasegawa  
Alyssa Honda  
Trudy Hong  
Lisa Kahikina  
Steven Kaplan  
Megan Kuba  
Kent Kumashiro  
Jesse Lam  
Sarah Lam  
Jeffrey Lim  
Diana Linderoth  
Carmelita Mangalindan  
Kara Morita  
Mary Rose Nino  
Irene Papaconstadopoulos  
Martin Piette  
Henry Pollack  
Malia Rasa  
Kristine Robinson  
Paul Ross  
Krista Schoppy  
Laura Shumock  
Lauren Stuart  
Alyson Tamamoto  
Courtney Taum  
Tiong Tjeong  
Anne Tran  
Michael Treece  
John Walker





# Divisional Reports



# DIVISION OF COMMUNITY PEDIATRICS



**Gina French, MD**  
*Division Chief*

## DIVISION MEMBERS

### Community Pediatrics

**Teresa M. Bane-Terakubo, MD**

*Assistant Professor, Community Pediatrics*

**Maureen O.J. Chang, MD**

*Assistant Professor, Community Pediatrics*

**Diane Lynne Ching, MD**

*Assistant Clinical Professor, Community Pediatrics*

**Pia Francisco-Natanauan, MD**

*Assistant Professor, Adolescent Medicine*

**Gina M. French, MD**

*Associate Professor, Associate Residency Program*

*Director, Division Chief, Community Pediatrics/*

*Developmental/Behavioral Pediatrics*

**Kristen Brooke Hallett, MD**

*Assistant Clinical Professor, Community Pediatrics*

**Blair Limm-Chan, MD**

*Assistant Clinical Professor, Community Pediatrics*

**Joan Meister, MD**

*Assistant Professor, Community Pediatrics*

**Patricia Morgan, MD**

*Assistant Clinical Professor, Child Abuse and Neglect*

**Kayalvizhi Natarajan, MD**

*Assistant Professor, Child Abuse and Neglect*

**Brenda M. Nishikawa, MD**

*Assistant Professor, Community Pediatrics*

**Jeffrey Okamoto, MD**

*Assistant Professor, Developmental/Behavioral Pediatrics*

**May M. Okihiro, MD**

*Assistant Professor, Community Pediatrics/Hawaii*

*Initiative for Childhood Obesity Research and Education*

**Alicia Turlington, MD**

*Assistant Professor, Community Pediatrics*

**Mari Uehara, MD**

*Assistant Clinical Professor, Community Pediatrics/*

*Developmental/Behavioral Pediatrics*

**Yolanda Wu, MD**

*Assistant Professor, Community Pediatrics*

**Megan Yunghans, MD**

*Assistant Clinical Professor, Community Pediatrics and  
Pediatric Hospital Medicine*

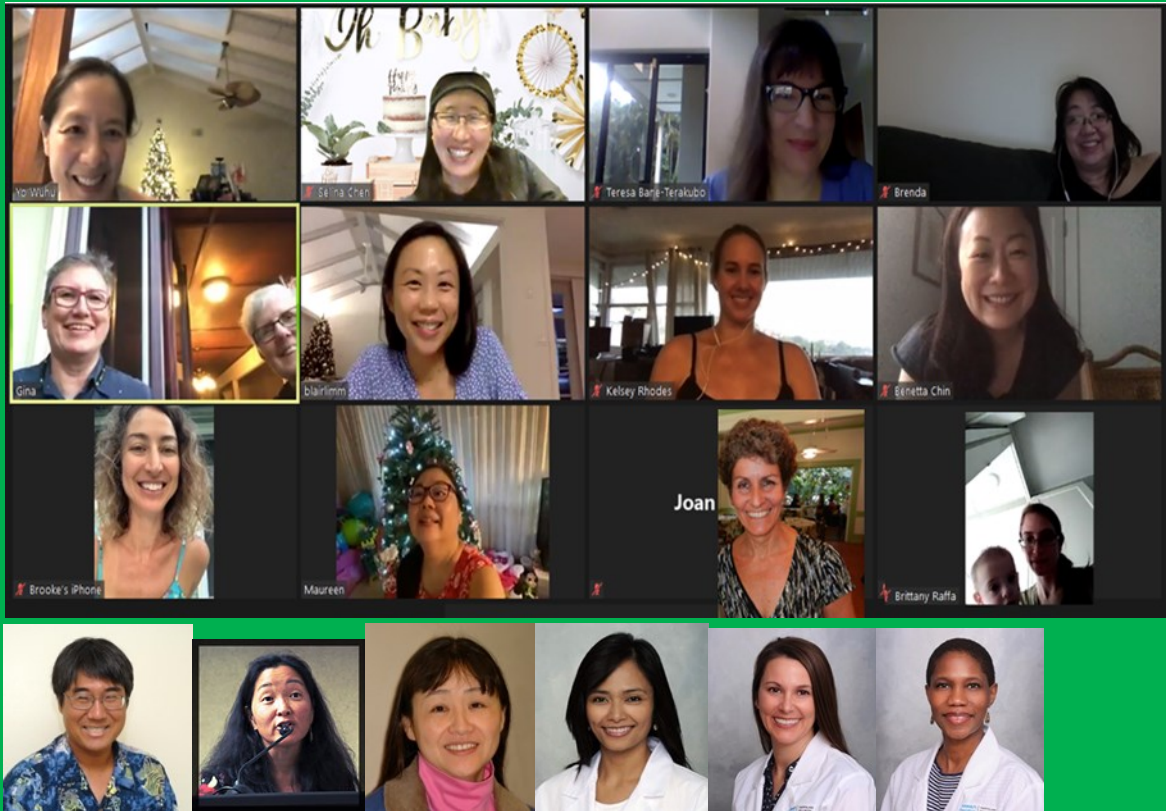
## Division Overview

**T**he Community Pediatrics Division is a team of general pediatricians, ambulatory pediatric subspecialists, researchers, and family advocates who are engaged in a variety of academic and direct service activities that support a common philosophy that pediatrics must aim to treat children as human beings and consider the full context of their lives—their families, communities, cultures, and personal stories. This philosophy is promoted by engaging in clinical care in a variety of hospital and community settings; by

training others about the practical application of community pediatrics; by advocating for policies and practices that will weave these values into the health care system; and by conducting research to develop new ideas and to improve practices. The need for community pediatrics is especially pronounced when looking at underserved and vulnerable children. Therefore, the Division places special emphasis on programs and initiatives that will improve care for these populations.



# DIVISION OF COMMUNITY PEDIATRICS



Pictured from first row left to right: Yolanda Wu, Selina Chen, Teresa Bane-Terakubo, Brenda Nishikawa; second row left to right: Gina French, Blair Limm-Chan, Kelsey Rhodes, Benetta Chin; third row left to right: Brooke Hallett, Maureen Chang, Joan Meister, Brittany Raffa; fourth row left to right: Jeffrey Okamoto, May Okihiro, Mari Uehara, Pia Francisco-Natanauan, Megan Yunghans, Patricia Morgan

## Clinical Activities

- Outpatient pediatrics
- Normal Nursery Care
- Multidisciplinary Clinics
- Shriners Hospital
- Clinical care of incarcerated youth
- Developmental consultation
- Adolescent Consultation
- Child Abuse and Neglect

CDC Act Early Ambassador for Hawaii—Jeffrey Okamoto

Hawaii Initiative for Childhood Obesity Research and Education (HICORE)—May Okihiro

Teach Back Pilot in Primary Care –HPH health literacy initiative—Gina French

## Projects and Grants

Hawaii Maternal & Child Health Leadership Education in Neurodevelopmental & Related Disabilities (Hawaii MCH LEND) Program—May Okihiro

Support for Early Childhood State Systems Through the Act Early Network—Jeffrey Okamoto



# DIVISION OF NEONATAL-PERINATAL MEDICINE



**Charles Neal, MD, PhD**  
*Division Chief*

## DIVISION MEMBERS

### Neonatologists

**Akshatha, MD**

*Clinical Educator*

**Kenneth M. Ash, MD**

*Associate Clinical Professor of Pediatrics*

**Venkataraman Balaraman, MBBS**

*Associate Professor of Pediatrics and Vice Chair*

**Pattaraporn Chun, MD**

*Assistant Clinical Professor of Pediatrics*

**Megan Doty, MD**

*Assistant Professor of Pediatrics*

**Kandie George, MD**

*Clinical Educator*

**Christopher Gibu, MD**

*Assistant Clinical Professor of Pediatrics*

**Carol Hirai, MD**

*Assistant Clinical Professor of Pediatrics*

**Lynn M. Iwamoto, MD**

*Associate Professor of Pediatrics*

**Richard Jack, MD**

*Clinical Educator*

**Melanie Jacobson, MD**

*Assistant Clinical Professor of Pediatrics*

**Emmanuel Kling, MD**

*Assistant Clinical Professor of Pediatrics*

**Sheree Kuo, MD**

*Associate Professor of Pediatrics*

**Charles R. Neal, MD, PhD**

*Professor of Pediatrics, Division Chief and Medical Director*

**Alexandra Ramnath, MD**

*Assistant Clinical Professor*

**Kara Wong Ramsey, MD**

*Assistant Professor of Pediatrics*

**Sneha L. Sood, MD**

*Assistant Professor of Pediatrics*

**Cherilyn Yee, MD**

*Assistant Professor of Pediatrics*

### Neonatal Hospitalists

**Stephanie Abe, MD**

*Clinical Instructor*

**Ashley Cowan, MD**

*Assistant Clinical Professor*

**Jean Kim, MD**

*Clinical Instructor*

**Sadie Kim, MD**

*Assistant Clinical Professor*

**Kent Kumashiro, MD**

*Clinical Educator*

**Jerome Lee, MD**

*Assistant Clinical Professor*

**Kit Shan Lee, MD**

*Assistant Clinical Professor*

**Annabelle Mateo, MD**

*Clinical Instructor*

**John Mills, MD**

*Clinical Instructor*

**Camnhung Nguyen, MD**

*Assistant Clinical Professor*

**Jim Mueggenberg, MD**

### Neonatal Nurse Practitioners

**Pamela Almeida, NNP**

*Adjunct Instructor*

**Janet Blanchard, NNP**

*Clinical Educator*

**Kimberly Clifton, NNP**

*Adjunct Instructor*

**Cheryl Griffith, NNP**

*Adjunct Instructor*

**Dana Ing, NNP**

*Adjunct Instructor*

**Jaymie Pinho, NNP**

*Assistant Clinical Professor*

**Kristine Robinson, NNP**

*Clinical Educator*

**Dawn Schaffrick, NNP**

*Adjunct Instructor*

**Laura Shumock, NNP**

*Clinical Educator*

**Misty Smith, NNP**

*Assistant Clinical Professor*

**Randy Taniguchi, NNP**

*Adjunct Instructor*

**Maria Tereza Untanu, NNP**



## Division Overview

The Neonatal Intensive Care Unit (NICU) at Kapi'olani Medical Center for Women and Children (KMCWC) consist of 70 single family rooms, with a capacity of 84 beds. Admissions range from 950-1000 year with 150-175 of these being very low birth weight infants. Our daily census remains in the 66-70 range. The neonatology division maintains a very close working relation with the Maternal Fetal Medicine group at KMCWC. Weekly conferences are held with the neonatologists, maternal fetal medicine specialists and their fellows. The NICU measures its outcomes using the Vermont Oxford Network (VON) database, benchmarking to Type C units with similar risk profiles. Our NICU continues to rank above the top quartile on all of its major VON measures. In addition to 24-hour in-house coverage in the NICU and Labor & Delivery at KMCWC, the division also provides 24-hour consultation coverage for Level II neonatal services at Queen's Medical Center. We also provide telephone advice to Pediatricians on our neighbor islands and the Pacific Rim. To further our outreach with local and neighbor island providers, our group travels to provide in-person neonatal resuscitation training.

Neonatal Transport Services remain very active, bringing babies from all neighbor islands and within O'ahu to KMCWC for care. A small number of our transports are taken to Kaiser Hospital. There were also several outgoing neonatal transports last year, to the mainland and to Straub Hospital for cardiac catheterizations. The neonatal division provides ongoing supervision and training for our highly qualified transport nurses and respiratory therapists.

Our NICU Medical Follow-up Clinic provides care that encourages development of high-risk infants, including the assessment and monitoring of growth and nutritional needs, as well as management

of the ongoing medical issues after hospital discharge. We provide clinical management, care coordination with multidisciplinary and inter-professional care teams. We also offer a developmental assessment to infants who are at risk for growth failure and developmental delays due to prematurity, low birth weight, and complex medical problems during the newborn period. Clinic visits are in person with a large portion through a Telehealth platform, especially for neighbor island families and those with limited access to KMCWC.

In addition to the NICU Medical Follow-up Clinic, we also monitor developmental milestones of high-risk infants up to 2 years old through the NICU Neurodevelopmental Follow-up Clinic, where we provide serial developmental assessments. In partnership with Rehabilitation Services, Kim Clifton, NNP and Jaymie Pinho, NNP, we are increasing the number of babies seen annually. We also have a strong collaboration with Dr. Mari Uehara of Developmental Behavioral Pediatrics in caring for infants with developmental delays. The current Director for both NICU Medical and Neurodevelopmental Follow-up Clinic is Dr. Pattaraporn Chun.

The Pulmonary Hypertension (PH) Team is a multidisciplinary collaboration between Neonatology, Pediatric Critical Care, Pediatric Cardiology and Pediatric Pulmonology. Dr. Sheree Kuo spearheaded the development and evolution of this team and she remains an active leader in the interdisciplinary Pediatric Pulmonary Hypertension Clinic. In this clinic, patients are seen by intensivists (either neonatology or pediatric critical care), a pediatric cardiologist and a pediatric pulmonologist. Additional ancillary services available in PH clinic include dietary counseling, physical and occupational therapy and speech therapy.



The Hanuola ECMO program at KMCWC is the only pediatric extracorporeal life support program in Hawai'i. Drs. Len Tanaka, Sheree Kuo and Jaime Harrington serve as Medical Director and Associate Medical Directors for Hanuola. The program is a cooperative collaboration between Neonatology, Pediatric Critical Care and Pediatric Surgery. In addition to Dr. Kuo, Drs. Christopher Gibu, Richard Jack, Charles Neal and Alex Ramnath are ECMO certified physicians, helping to provide 24/7 consultation and treatment services in the NICU. In 2020, Hanuola was awarded the ELSO Center of Excellence in Life Support, a Gold Level designation.

Our accredited joint fellowship program with Tripler Army Medical Center is one of three military neonatology fellowships in the USA. There is one fellow in our program in 2021-2022: Dr. Laura Borruso. Fellow conferences are held weekly. We continue to participate in the Western Interstate Fellows QI Tele-Conference, which includes five neonatal fellowship programs with Dr Lynn Iwamoto as Site Director.

Several members of the Neonatology Division are involved in a variety of research projects. These include pharmaceutical sponsored trials, clinical studies and quality improvement projects. The division continues to participate with faculty support at the annual HPH Summer Student Research Program. The Optimist trial closed for enrollment in 2020 and has published its findings (primary investigator Dr. Sheree Kuo). The POPS-2 study of Drug Pharmacokinetics (co-investigator Dr. Megan Doty) and ICAF study of extended administration of caffeine in preterm babies (co-investigators Drs. Alexandra Ramnath and Charles Neal) are presently closed for enrollment. The second phase of NOVI, known as NOVI-ECHO (Neurobehavioral Outcomes of Very Preterm Infants and Environmental Influences of Child Health Outcomes) is an ongoing NIH-funded

longitudinal study (primary investigator Dr. Charles Neal). The Hawai'i IDEa Center for Pediatric and Adolescent Clinical Trials (HIPACT) is an NIH funded multicenter clinical trials grant, funded under the ECHO umbrella. The HIPACT group has completed enrollment in a Neonatal Opioid Withdrawal Syndrome (NOWS) study in the NICU (co-investigators Dr. Charles Neal, Dr. Akshatha and Dr. Kara Wong-Ramsey).

Each division member remains active in Hospital and Pediatric Department Committees, as well as all levels of medical school and resident education.

This coming academic year Dr. Camille Heber and Dr. Barbara Baglietto Jacquemin will be joining our group as neonatal hospitalists.

### **Correspondence may be sent to:**

Charles R. Neal, MD, PhD  
Professor of Pediatrics and Neonatology Division  
Director  
University of Hawaii John A. Burns School of Medicine  
Neonatology Clinical Section Chief  
Kapiolani Medical Specialists  
Medical Director, Newborn Intensive Care Unit  
Kapiolani Medical Center for Women & Children  
1319 Punahou St.  
Honolulu, Hawaii 96826  
Office: (808) 983-8670  
Fax: (808) 983-6392  
cneal@kapiolani.org



# DIVISION OF PEDIATRIC EMERGENCY MEDICINE



**Paul Eakin, MD**  
*Division Chief*

## DIVISION MEMBERS

### **Pediatric Emergency Medicine**

**Benetta Chin, MD**

*Assistant Clinical Professor of Pediatrics*

**T. Tausala Coleman-Satterfield, MD**

*Assistant Clinical Professor of Pediatrics*

**Peter J. Di Rocco, MD**

*Assistant Clinical Professor of Pediatrics*

**Paul J. Eakin, MD**

*Associate Professor of Pediatrics*

**Francisco J. Garcia, MD**

*Assistant Clinical Professor of Pediatrics*

**Travis K.F. Hong, MD**

*Assistant Professor of Pediatrics*

**Alson S. Inaba, MD**

*Associate Clinical Professor*

**Jannet J. Lee-Jayaram, MD**

*Associate Professor of Pediatrics*

**Masafumi Sato, MD**

*Assistant Clinical Professor of Pediatrics*

**Loren G. Yamamoto, MD, MPH, MBA**

*Professor of Pediatrics*

**Lynette L. Young, MD**

*Assistant Clinical Professor of Pediatrics*

## Division Overview

The Pediatric Emergency Medicine Division is responsible for: around the clock medical care for pediatric patients with urgent and emergent conditions, pediatric hospital sedation, quality improvement, administration, nursing education, medical student and resident education, and pre-hospital (EMS) education.

University of Hawai'i John A. Burns School of Medicine / Kapi'olani Medical Center Contributions: Problem Based Learning (PBL) tutoring, ward attending, Grand Rounds, Pediatric Resident conferences, student preceptoring, student exams, research, continuing medical education, contribution to educational and life support programs sponsored by the American Academy of Pediatrics (AAP), the American College of Emergency Physicians (ACEP), and the American Heart Association (AHA). The Emergency Medicine Division contributes to the Academy of Pediatrics, the American College of Emergency Physicians,

and the American Heart Association. The Division also contributes substantial faculty resources towards medical student and resident education and has been recognized for teaching excellence on multiple occasions.

The PEM division is responsible for scheduling 24/7 attending pediatric physician coverage for the pediatric emergency medical service, utilizing PEM Fellowship trained / Board certified Pediatric Emergency Physicians who care for over 30,000 pediatric patients annually. They also provide 24-hour Pediatric Code Blue coverage for KMCWC.

This division collectively has published countless research papers, chapters, received numerous awards and accomplishments in medical education, academic research, and community service. Since 2014, The PEM group has been employed by US Acute Care Solutions, the largest physician owned emergency medicine group in the country, headquartered in Canton, Ohio (usacs.com).





# DIVISION OF PEDIATRIC HEMATOLOGY AND ONCOLOGY



**Randal Wada, MD**  
*Division Chief*

## DIVISION MEMBERS

### **Pediatric Hematology and Oncology**

**Darryl Glaser, MD**

*Assistant Professor of Pediatrics*

**Kelley Chinen Okimoto, MD**

*Assistant Professor of Pediatrics*

**Kelley Hutchins, DO, MPH**

*Assistant Clinical Professor of Pediatrics*

**Jasmin Jensen, MD**

*Assistant Professor of Pediatrics*

**Wade Kyono, MD**

*Assistant Professor of Pediatrics*

**Stephanie S. Lim, MD**

*Assistant Clinical Professor of Pediatrics*

**Desiree Medeiros, MD**

*Assistant Professor of Pediatrics*

**Randal Wada, MD**

*Associate Professor of Pediatrics, Division Chief*

**Robert Wilkinson, MD**

*Professor of Pediatrics*

## Specialty Clinics

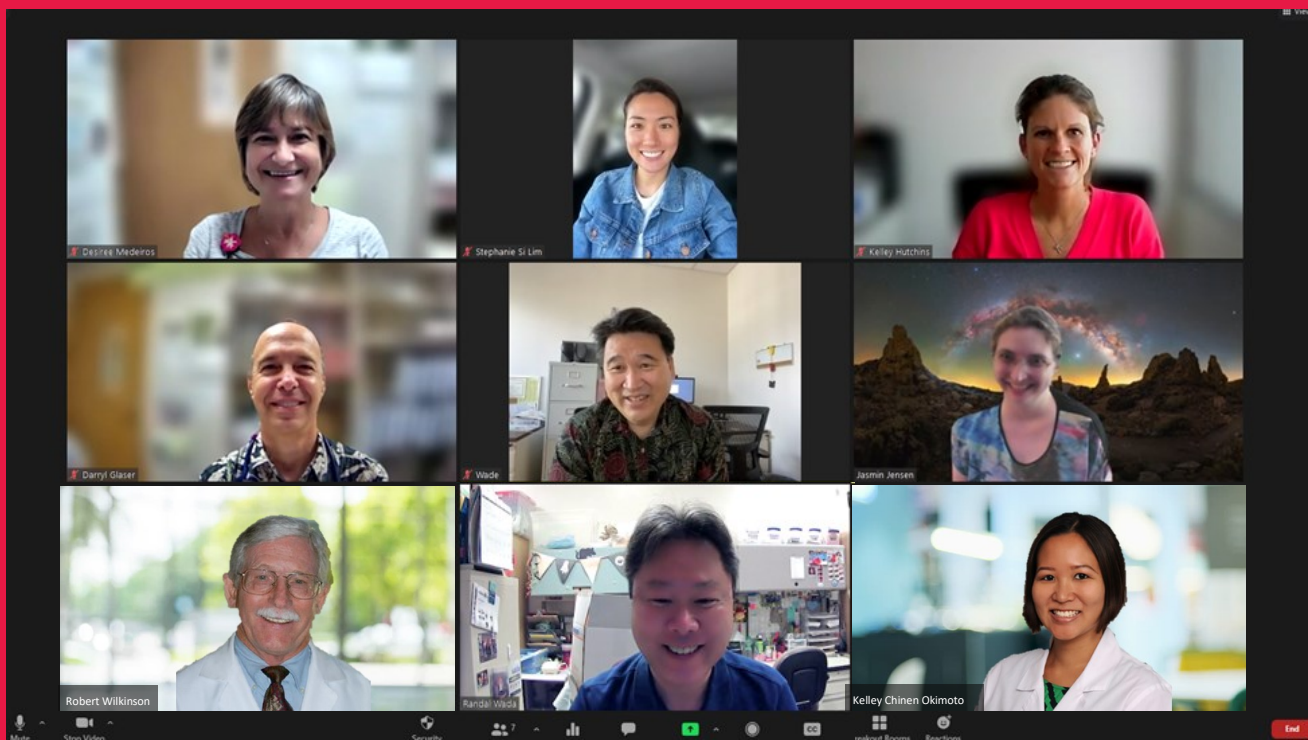
The Division staff a number of specialty clinics that are available to Hawai'i's children and adolescents. These include the Hemophilia and Thrombosis Treatment Center of Hawaii, Coagulopathy Clinic, Bone Marrow Transplant Clinic, Complex Vascular Anomalies Clinic, Long-Term Follow-up (LTFU) Clinic for survivors of childhood cancer, and an Adolescent and Young Adult LTFU clinic. There are several neighbor island Hemophilia Outreach clinics.

## Program/Faculty Updates

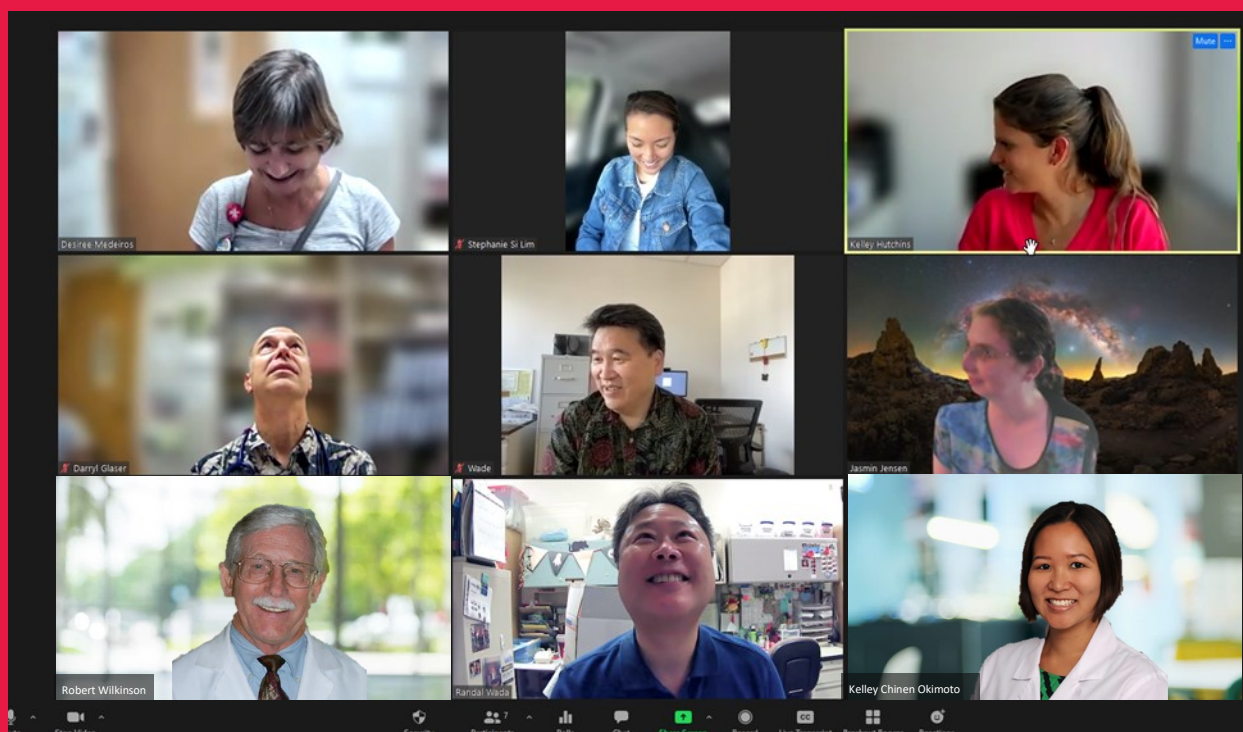
Kelley Chinen Okimoto, MD is an Assistant Professor in the Department of Pediatrics. She is serves on multiple hospital-based committees and is a member of the Children's Oncology Group.

Kelley Hutchins, DO, MPH serves as the Pediatric Representative for the OME QDIO MANTLE Faculty Development Project. She has also begun to volunteer for Make-A-Wish Hawaii.





Pictured (top and bottom): Left to right (top row): Desiree Medeiros, Stephanie Lim, Kelley Hutchins; left to right (middle row): Darryl Glaser, Wade Kyono, Jasmin Jensen; left to right (bottom row): Robert Wilkinson, Randal Wada, Kelley Chinen Okimoto



# DIVISION OF PEDIATRIC HOSPITALIST MEDICINE



**Jessica Kosut, MD**  
*Division Chief*

## DIVISION MEMBERS

### **Pediatric Hospitalist**

**Selina S.P. Chen, MD, MPH**

*Assistant Professor of Pediatrics*

**Diane P. Ching, MD**

*Assistant Professor of Pediatrics*

**Jennifer Di Rocco, DO, Med**

*Assistant Professor of Pediatrics*

**Marissa Fakaosita, MD**

*Assistant Professor of Pediatrics*

**Jordan Kono, MD**

*Clinical Instructor of Pediatrics*

**Jessica S. Kosut, MD**

*Assistant Professor of Pediatrics and Division Chief*

**Mae Kyono, MD**

*Assistant Professor of Pediatrics*

**Kyra A. Len, MD**

*Associate Professor of Pediatrics*

**James C. Lin, MD**

*Assistant Professor of Pediatrics*

**Anna-Lena Lueker, MD**

*Assistant Professor of Pediatrics*

**Maya Maxym, MD**

*Assistant Professor of Pediatrics*

**Barry M. Mizuo, MD**

*Assistant Professor of Pediatrics*

**Cheryl Okado, MD**

*Assistant Professor of Pediatrics*

**Shilpa Patel, MD**

*Associate Professor of Pediatrics*

**Gina Ramirez, MD**

*Assistant Professor of Pediatrics*

**William P. Shea, MD, MA**

*Assistant Professor of Pediatrics*

**Jennifer Sasaki, MD**

*Assistant Clinical Professor of Pediatrics*

**Tiffany Wang, MD**

*Assistant Professor of Pediatrics*

## DIVISION OVERVIEW

**T**he Division of Pediatric Hospitalist Medicine remains a core group of 18 hospitalists, many of whom not only work as pediatric hospitalists but who also take on a variety of roles at Kapiolani Medical Center, at the John A. Burns School of Medicine and at the broader system level of Hawaii Pacific Health. Three years ago, the American Board of Pediatrics granted Pediatric Hospital Medicine subspecialty board status and our division has already had members sit for and pass this examination with more slated to take the exam this year.

The past two years has brought new challenges with the pandemic as the division learned to care for a variety of presentations of COVID, including the multi-system inflammatory condition of childhood (MIS-C), as well as the other effects of COVID including children who had not been seen by medical providers for some time.



## MISSION STATEMENT

As the cornerstone of inpatient pediatric care at Kapi`olani Medical Center for Women & Children, the Pediatric Hospitalist Division is committed to excellence. In this role, we strive to provide excellent inpatient pediatric care to the children of the State of Hawai'i and the Pacific Islands/ Pacific Rim, provide a base for emerging research initiatives in inpatient pediatric care, and remain innovative educators in pediatrics through the University of Hawai'i John A. Burns School of Medicine and through the Pediatric Residency Program.

## TEACHING

The pediatric hospitalist division continues to prioritize the mentoring and development of future physicians, in particular future pediatricians. Our division members hold University of Hawai'i faculty appointments and teach a variety of learners from visiting students from medical schools and universities all over the world to our own JABSOM medical students and Hawai'i Residency Program trainees.

Our division members continue to gain recognition not only within the program but also beyond. Dr. Kyra Len was presented with the prestigious University of Hawaii Regents Medal for Excellence for Teaching. Dr. Barry Mizuo also was inducted to the Alpha Omega Alpha Society as an Alumni Inductee. And Dr. Diane Pan received the Medical Student Teaching Award this past year.

Dr. Jennifer DiRocco has transitioned into her new role as the Pediatric Residency Program Director, while Dr. Marissa Fakaosita has been named as Assistant Program Director. Dr. Fakaosita brings experience as a former chief resident, leading the resident recruitment, as well as her work in the development of individualized educational plans.

Dr. Kyra Len continues in her role as Department of Pediatrics, Medical Student Director, and ensures that JABSOM medical students are provided exceptional experiences in each of their clerkships and guides our group in constant building of our pediatric clerkship experience. She is supported in these endeavors by numerous members of the hospitalist group, including Dr. Barry Mizuo, the Pediatric Clerkship Director, Dr. Diane Ching, the inpatient medical student rotation director, and Drs. Marissa Fakaosita and Jordan Kono who oversee the fourth year sub-internship elective.

Dr. Tiffany Wang has taken on the role as Chair of the Pediatric Education Committee ensuring our pediatric residents receive a diverse, well-rounded pediatric experience. Dr. Gina Ramirez supports her in this role as the inpatient pediatric medical director, continuing to refine the inpatient ward curriculum.

Our hospitalists take on roles to inspire medical students whether they are interested in pursuing a career in pediatrics or not. Numerous division members are POD-visitors, preceptors during the pediatric clerkship, longitudinal clinical mentors (LCM), advisors for the Pediatric Interest Group (PIG), interviewers for the medical school, simulation based session leaders, and Practice Based Learning (PBL) tutors.



2022 Board of Regents Medal for Excellence in Teaching—  
Dr. Kyra Len. Photo Courtesy: University of Hawaii



## RESEARCH, QUALITY, AND PROCESS IMPROVEMENT INITIATIVES

The pediatric hospitalist division is uniquely situated to conduct outcomes research and implement meaningful quality improvement initiatives in the pediatric inpatient realm. Division members have been active throughout the year in institutional, local and national research and QI Projects.

Dr. Jennifer Sasaki joined forces with Dr. Rhiana Lau, pediatric nephrologist, to address the issue of acute kidney injury in pediatric patients who are admitted to the hospital. This work brings awareness to the issue and also makes recommendations and interventions based on when patients are on nephrotoxic medications or are seen to have elevation in their creatinine.

Dr. Cheryl Okado, as part of the American Academy of Pediatrics, Value in Inpatient Pediatrics Network, brought the national collaborative REVISE 2.0 to Kapiolani. REVISE is a quality-improvement project for the management of fever in infants less than 60 days of age. The goal of this study is to reduce the number of lumbar punctures that need to be done in qualifying infants between 29 and 60 days of age, increase discharge from the Emergency Department, reduce the number of infants admitted to the hospital, decrease antibiotic use, and improve antibiotic stewardship.

Dr. Marissa Fakaosita and Dr. Jessica Kosut were part of the American Academy of Pediatrics national collaborative looking to reduce the use of high-flow oxygen in infants with mild to moderate bronchiolitis. With collaboration with our emergency department colleagues, pulmonologists and pediatric intensivists, nationally we were able to reduce the use of high flow oxygen in these patients by 30%.

And to ensure that our division is up to date on the latest literature and evidence based practices, Drs. Jordan Kono and Jennifer Di Rocco oversee the division's educational sessions including journal club and case review forum. This past year, highlights of these sessions included a session on implicit bias by Dr. Maya Maxym and a session on the utilization of an Indigenous Framework of health to care for the patients we serve by Dr. Shilpa Patel.

Dr. Maya Maxym is involved in Diversity, Equity and Inclusion (DEI) curriculum development through the American Pediatric Association and is conducting

educational sessions for our division members, as well as the pediatric residents and nurses with plans for expansion across the medical center. She is joined in this work by Dr. Marissa Fakaosita who with Dr. Maxym, co-chair the Department of Pediatrics DEI Taskforce.



# DIVISION OF PEDIATRIC INTENSIVE CARE



**Jaime Harrington, MD**  
*Division Chief*



**Rupert Chang, MD**  
*Medical Director*

## DIVISION MEMBERS

### CORE DIVISION MEMBERS

**Rupert K.S. Chang, MD**

*Assistant Professor of Pediatrics and Medical Director*

**Andrew K. Feng, MD**

*Assistant Professor of Pediatrics*

**John (Jaime) Harrington, MD**

*Assistant Professor and Division Chief*

**Prashant Purohit, MBBS**

*Hawaii Health Partners/Pediatric Critical Care*

**Len Y. Tanaka, MD, MS**

*Assistant Professor of Pediatrics*

**Konstantine P. Xoinis, MD**

*Assistant Professor of Pediatrics*

### ADJUNCT MEMBERS

**James (Jimmy) Kyle, MD**

*Hawaii Health Partners/Pediatric Critical Care*

**Chris Naun, MD**

*Hawaii Health Partners/Pediatric Critical Care*

**Phil Verhoef, MD**

*Kaiser/Pediatric and Adult Critical Care*

## DIVISION OVERVIEW

**T**he Pediatric Intensive Care Unit is a 14-bed acute care unit with the capacity to open an additional 4 to 6 beds for intermediate level care patients. Since the opening of the new PICU in the Diamond Head Tower in September, 2016, patients are now all cared for in private rooms, and families have sufficient space to stay with their children during their PICU stay.

We admit approximately 600 children per year with a vast array of medical and surgical problems, ranging from sepsis to congenital heart disease, and respiratory failure. Patients from all over the Pacific are transported to the Kapi'olani PICU, and we have an active, well-trained, transport team. In addition to

caring for patients at Kapi'olani, our physicians assist in the care of critically ill children at Kaiser Moanalua Medical Center. We are also involved in the care of Medically Fragile children throughout the State.



The PICU team provides complex care to the critically ill patients in our PICU. Continuous renal replacement therapy, plasmapheresis, high-frequency ventilation, and nitric oxide therapy are among the therapies available to our patients. The Hanuola ECMO program has successfully treated many neonatal and pediatric patients since 2007. In 2010, our program was recognized as a Center of Excellence for this type of life support. In September of 2017, ELSO, the national ECMO organization, increased our designation to Gold Level. August 1995, saw the start of “Heart Week.” Until recently, Dr. John Lamberti flew in 5 times a year for over 20 years, to provide open heart surgical coverage for the congenital heart disease program and back-up for select interventional cardiac catheterization patients conducted at Straub Hospital, with our transport team ferrying the cath patients back and forth. Post-procedural care for these patients was provided in the PICU. August 2021, saw the start of Louis Capecci, Cardiothoracic Surgery based locally, for continual pediatric congenital heart surgical needs with cases scheduled 2 weeks of every month. In December 2022 we anticipate the opening of the Kapi’olani Catheterization Suite so in-house cardiac catheterizations can be provided.

We also anticipate Kapi’olani earning Level 1 Children’s Surgical Verification (the sole state recipient, one of approximately 50 nationwide) early in this coming year. Pediatric trauma statewide is preferentially routed to us. Depending on acuity, the PICU or the wards will be the destination for those patients after initial stabilization.

At Kaiser Moanalua, the Kapi’olani PICU physician group provides critical care coverage in the Kaiser PICU several days a month. In addition to the management of critically ill patients, we provide inpatient procedural sedation services. Further, the

PICU staff provides consultative services for pediatric trauma patients at the Queens Medical Center.

Community services include assisting in the medical care of Medically Fragile Children in the community. Members of the PICU staff play an integral role in returning many Medically Fragile Children to their homes, and help provide the medical support necessary to keep them there. We also maintain a close working relationship with the medical staff at Kulana Malama, the Pediatric Nursing Facility in Ewa. We have collaborated in the transitioning of care of Medically Fragile children from the acute setting in the PICU, to the convalescent setting at Kulana Malama.

The members of the Division are active both in education of pediatric residents and in clinical research activities. Active QI projects under the guidance of our Medical Director Dr. Chang in collaboration with PICU supervisor, Jaclyn “Nicki” Mundell, RN, include the prevention of ventilator associated pneumonia, IV line infections, catheter related UTI’s, and skin breakdown. Dr. Feng is the local PI for an international study coordinated out of CHOP, “PROSpect Trial” on pediatric ARDS. Members in the division have areas of interest and expertise that enhances the care provided – Dr. Harrington in CRRT, Dr. Tanaka in ECMO, Dr. Purohit in Pharmacokinetics, Dr. Xoinis in Delirium screening and pediatric transport medicine.



# DIVISION OF PEDIATRIC SPECIALTY



**Rhiana Lau, MD**  
Division Chief



**Kara Yamamoto, MD**  
Associate Division  
Chief

## DIVISION MEMBERS

### Pediatric Cardiology

**Andras Bratincsak, MD, PhD**

*Associate Professor of Pediatrics*

**Dona Brekke, DO**

*Assistant Professor of Pediatrics*

**D. Venudhar Reddy, MB, BS, MPH**

*Emeritus Professor of Pediatrics*

**Melissa Yamauchi, MD, MPH**

*Assistant Clinical Professor of Pediatrics*

### Pediatric Complex Care

**Pamela Almeida, PhD, APRN, NNP-BB, CPNP-PC**

*Adjunct Instructor*

### Pediatric Endocrinology

**Jennifer Cunanan, MD**

*Assistant Clinical Professor*

**Eludrizza Tabisola-Nuesca, FNP-C, CDE**

**Greg Uramoto, MD**

*Associate Clinical Professor of Pediatrics*

### Pediatric Gastroenterology

**Camilla Fraga Lovejov, MD**

*Assistant Clinical Professor of Pediatrics*

**Jeremy L. King, DO**

*Assistant Professor of Pediatrics*

### Medical Genetics

**Leah Dowsett, MD**

*Assistant Professor of Pediatrics*

**Susheela Jayaraman, MS, MA, CGC**

**Joshua Webster, CGC**

### Pediatric Infectious Disease

**Rodolfo E. Bégué, MD**

*Clinical Professor of Pediatrics*

**Natascha Ching, MD**

*Assistant Professor of Pediatrics*

**Marian Melish, MD**

*Professor of Pediatrics*

**Sarah Park, MD**

*Assistant Clinical Professor of Pediatrics*

**Bryscen Makana Prothero, APRN**

**Richard Yanagihara, MD, MPH**

*Professor of Pediatrics*

### Pediatric Nephrology

**Susan Ingraham, MD, PhD**

*Assistant Clinical Professor of Pediatrics*

**Rhiana L.A. Lau, MD\***

*Assistant Professor of Pediatrics*

**James E. Musgrave, MD**

*Professor of Pediatrics*

### Pediatric Neurology

**Keith Abe, MD**

*Assistant Professor of Pediatrics*

**Nicole Hodgeboom, CPNP, APRN**

**Sada Okumura, MD**

*Associate Clinical Professor of Pediatrics*

**Aileen Tanaka, MD**

### Pediatric Physiatry

**Tamara Zagustin, MD**

*Associate Clinical Professor of Pediatrics*

### Pediatric Pulmonology

**Timothy Beaty, MD**

*Assistant Clinical Professor of Pediatrics*

**Edward Fong, MD**

*Associate Clinical Professor of Pediatrics*

**Brian Wu, MD**

*Assistant Clinical Professor of Pediatrics*

### Pediatric Rheumatology

**David K. Kurahara, MD**

*Professor of Pediatrics*

**Kara S. Yamamoto, MD\*\***

*Assistant Professor of Pediatrics*

### Pediatric Sleep Medicine

**Rajesh Daniels, MD**

### Pediatric and Adolescent Sports Medicine

**Rachel Coel, MD, PhD**

*Assistant Clinical Professor of Pediatrics*

**Jennifer R. King, DO**

*Assistant Professor of Pediatrics*

**Christopher Lynch, MD**

*Assistant Clinical Professor*

*\*Division Chief*

*\*\*Associate Division Chief*







Pictured (top row left to right): Pamela Ameida, Timothy Beaty, Rhiana Lau, Christopher Lynch, Susan Ingraham; (second row left to right): Edward Fong, Jennifer King, Jennifer Concepcion, Kara Yamamoto, Aileen Tanaka; (third row left to right): Susheela Jayaraman, Eludrizza Tabisola-Nuesca, James Musgrave, Leah Dowset, Marian Melish, Rodolfo Begue, Natascha Ching, Bryscen Prothero

## DIVISION OVERVIEW

The Pediatric Specialty Division is comprised of individuals with fellowship and/or additional specialized training in a diverse array of pediatric subspecialties. All of the division members participate in the residency, medical student, and other student teaching programs. Many have been recognized for excellence in teaching with University of Hawai'i Pediatric Residency and Medical Student teaching awards. Many of our division members are active in quality improvement and clinical research activities, which often involve medical students and residents. The majority of the division are employed by Hawai'i Pacific Health Medical Group (HPHMG). As a group, we provide services for pediatric patients across the state and Pacific Basin region. Our division collaborates on strategies to improve care for pediatric patients across our specialties as well as within the ambulatory and hospital settings.

Pediatric Specialty clinics are held at the Kapi'olani office tower and the Hale Pawa'a building. Some division members also provide care at other Hawai'i Pacific Health (HPH) facilities and clinics, Kaiser facilities, and neighbor island outreach clinics. Comprehensive clinical services in all specialties have expanded to also include telemedicine services. Hospital services primarily occur at Kapi'olani Medical Center for Women and Children (KMCWC); however, some of our specialties also provide consultative services at other Oahu facilities, including Kaiser Moanalua Hospital and Queen's Medical Center.



## PEDIATRIC CARDIOLOGY

Pediatric Cardiology is offered as an elective for MS3 students during Pediatric clerkship, MS4 students and Pediatric residents.

## PEDIATRIC COMPLEX CARE

The Pediatric Complex Care Clinic is a multi-disciplinary clinic that provides family centered, high quality and developmentally appropriate, health care services that continue uninterrupted as the individual moves along within systems of services, from infancy to adulthood. The clinic also provides on-going care coordination with multiple specialists, primary care providers and other community partners to promote the healthy development and well-being of children with medical complexity

## PEDIATRIC ENDOCRINOLOGY

Pediatric Endocrinology is offered as an elective for Pediatric residents.

## PEDIATRIC GASTROENTEROLOGY

Pediatric Gastroenterology is offered as an elective for Pediatric residents.

## MEDICAL GENETICS

Hawai'i Community Genetics offers inpatient clinical services to KMCWC and Pali Momi, as well as outpatient clinical services at Hāle Pawa'a. Through a partnership with the Department of Health we are also able provide neighbor island outreach, hemoglobinopathy clinic, and management services for our patients with metabolic diseases. Our group provides comprehensive genetics services including coordinating screening for genetic diseases involving single gene and chromosomal disorders, congenital anomalies, inborn errors of metabolism, multifactorial conditions, and common disorders with hereditary factors. We have routine clinics for general pediatric and adult indications, inborn errors of metabolism, hereditary cancer, cleft and craniofacial disorders, and neurogenetic indications. Genetics collaborates regularly with many community providers and multiple subspecialists to provide care to patients throughout the islands.

Medical Genetics is offered as an elective for preclinical students in MD5, MS3 students during the Pediatric Clerkship, MS4 students, Pediatric residents, Ob/Gyn residents, and MFM fellows. We also provide learning opportunities for genetic counseling students and community learners.

## PEDIATRIC INFECTIOUS DISEASES

The Section of Infectious Diseases (ID) is very active clinically, academically and in service to Kapi'olani Medical Center and the Hawai'i community. Led by Dr. Marian Melish, they provide inpatient and outpatient services and significant support to the community in the form of telephone consultations. The ID and Cardiology Sections run the Kawasaki Disease Diagnosis and Treatment Program, following children through their acute illness, convalescence and until transition to adult care. The ID Section supports Infection Control and Clinical Epidemiology efforts at Kapi'olani Medical Center, of which Dr. Melish is Medical Director. Dr. Ching is the Physician Leader of the Kapi'olani Antibiotic Stewardship Program (KASP). The ID Section offers sub-internships and observerships, which are popular among senior medical students from Hawai'i, nationally and internationally. The Section also focuses on developing academic and career mentoring of pediatric residents, pharmacy residents, medical students and pre-medical students. All members provide educational lectures to medical students, pediatric residents, and our community of health care providers through the Departments of Pediatrics and Obstetrics-Gynecology Grand Rounds, Hawai'i Health Partners, Hawai'i American Academy of Pediatrics and Hawai'i Immunization Coalition. The highlight of our community education activity is the Annual Aloha Pediatric Infectious Diseases Conference, originally founded by Dr. Raul Rudoy, former Chair of the Department of Pediatrics and a Pediatric ID physician.

Our group has been actively involved during the COVID-19 pandemic through clinical diagnosis and management of pediatric patients with COVID-19 and Multisystem Inflammatory Syndrome in Children associated with COVID-19 (MIS-C), including education of clinicians and patients during the roll out of Pediatric COVID-19 vaccination. Dr. Ching led a Pediatric group developing the MIS-C diagnostic and treatment protocol. We developed the Hawai'i Pacific Health (HPH) COVID-19 Therapeutics Protocol with our HPH ID colleagues. We provided education to the health care community and public for COVID-19 and served on a Hawai'i Department of Health advisory board. Finally, Dr. Yanagihara is the principal investigator of a National Institutes of Health funded community-engagement project focused on increasing COVID-19 testing among non-Native Hawaiian Pacific Islanders in Hawai'i and Guam.



## PEDIATRIC NEPHROLOGY

Pediatric Nephrology offers consultative services at KMCWC and other hospitals, as well as nephrology clinic at the Hale Pawa'a office and neighbor island outreach clinics. Our clinic provides comprehensive pediatric nephrology services including general nephrology, chronic kidney disease, dialysis, and post renal transplant care. Pediatric Nephrology collaborates regularly with Pediatric Urology and other pediatric subspecialty services to provide comprehensive, multi-disciplinary care to patients. Unique specialized services offered include 24-hour ambulatory blood pressure monitoring.

A Pediatric Nephrology rotation is offered to Pediatric residents. A combined nephrology and rheumatology elective is offered to Pediatric residents and MS4 students.

## PEDIATRIC NEUROLOGY

The Pediatric Neurology service provides consultative services for outpatients at Hale Pawa'a and inpatients at KMCWC. Our patients range from premature infants to adolescents and our cases involve the full spectrum of pediatric neurologic problems, from seizures/epilepsy, developmental delay, headaches, neurocutaneous disorders, encephalitis, cerebrovascular disorders, and less common demyelinating diseases, neuromuscular disorders, movement disorders and rare neurogenetic disorders. Providers participate in the Pediatric Complex Care clinic and in an out-reach clinic in Hilo. We also support electroencephalography at KMCWC for the coordination and interpretation of routine and prolonged video-EEG studies. Pediatric neurology rotations are offered as an elective to pediatric residents, and other shadowing/learning opportunities are available to medical students at various stages in their training.

## PEDIATRIC PHYSIATRY

Pediatric Physiatry offers both outpatient and inpatient services in a multi-disciplinary approach for pediatric patients with disabilities resulting from disease or injury. Our focus is to develop a comprehensive program to place the pieces of a child's life together: medically, socially, emotionally and educationally.

## PEDIATRIC PULMONOLOGY

Pediatric Pulmonology is offered as an elective for Pediatric residents. In addition to their clinic at Hale Pawa'a, our pediatric pulmonologists also participate in the Pediatric Complex Care clinic.

## PEDIATRIC RHEUMATOLOGY

Pediatric Rheumatology specializes in the care of children with rheumatologic conditions such as Systemic Lupus Erythematosus and related conditions (Sjogren's syndrome, scleroderma, mixed connective tissue disease), Juvenile Arthritis, Spondyloarthritis, Juvenile Dermatomyositis, Acute Rheumatic Fever, and other inflammatory diseases in children or adolescents.

## PEDIATRIC SLEEP MEDICINE

Pediatric Sleep Medicine is a new specialty to our division, offering specialized consultative and diagnostic services for pediatric sleep disorders.

## PEDIATRIC AND ADOLESCENT SPORTS MEDICINE

The Pediatric and Adolescent Sports Medicine Department continues to be active in both the medical and the sports community. The physicians provide medical coverage for Castle High School, Hawaii Baptist Academy, Kamehameha Schools, Le Jardin, and Roosevelt High School. They also provide medical care for Chaminade University, Hawai'i Pacific University and University of Hawai'i Baseball. The physicians provide medical consultation for Hawai'i Concussion Assessment and Management Program and the Hawai'i High School Athletic Association Sports Medicine Advisory Committee.

Current projects also include working with Team Up for Sports Safety, a national organization invested in reducing death from heat stroke and sudden cardiac death in athletes, collaborating with state organizations to provide continuing education for athletic trainers, and collaborating with other providers to provide baseline concussion testing for professional surfers.

Rotations are offered for medical students, pediatric residents, family medicine residents and sports medicine fellows as well as shadowing opportunities for high school and college students. The department remains active in the Summer Student Research Program at HPH.





# **Training Program Highlights**



# University of Hawaii Pediatric Residency Program

## Graduate Career Selections for the Class of 2022



**Hanna Distel, M.D.**  
2022-23 UH Pediatric Chief Resident, JABSOM  
Pediatrician, Hawaii Pacific Health  
Honolulu, HI



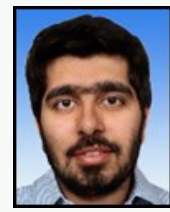
**Lauren Ishida, M.D.**  
General Pediatrics  
Pediatrician, Kaiser Permanente  
Kapolei, HI



**Matthew Lim, M.D.**  
2022-23 UH Pediatric Chief Resident, JABSOM  
Pediatrician, Hawaii Pacific Health  
Honolulu, HI



**Jenny Liu, M.D.**  
General Pediatrics  
Pediatrician, Queen Emma Clinics  
Honolulu, HI



**Jaikaran Man Singh, M.D.**  
Pediatric Cardiology Fellowship  
Fellow, University of Nebraska  
Omaha, NE



**Erika Noel, M.D.**  
General Pediatrics  
Pediatrician, Hawaii Pacific Health  
Kauai, HI



**Jihyun Park, M.D.**  
Pediatric Cardiology Fellowship  
Fellow, University of California San Diego  
San Diego, CA

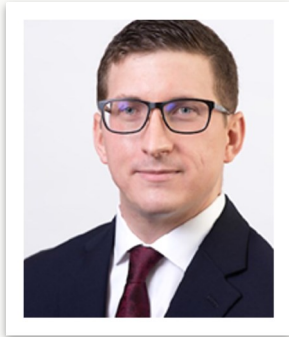


**Daniel Truong, D.O.**  
Sports Medicine Fellowship  
Fellow, University of Colorado  
Aurora, Colorado

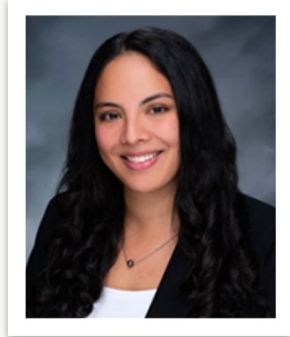




# 2022-2023 Incoming Interns



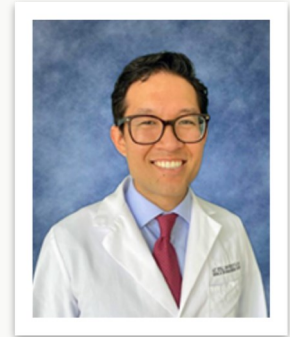
**Jacob Atkins, DO**  
Univ. of the Incarnate  
Word School of  
Osteopathic Medicine



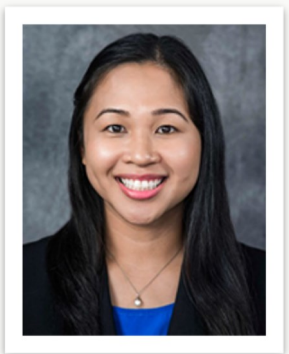
**Nanea Cavaco, MD**  
University of Hawai'i  
John A. Burns School of  
Medicine



**Monica Joglekar, MD**  
Geisinger Commonwealth  
School of Medicine



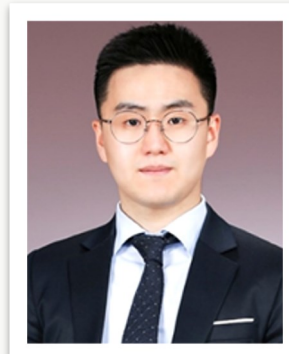
**Zachary Kim, DO**  
AT Still University School of  
Osteopathic Medicine in Arizona



**Arlene Kiyohara, MD**  
University of Hawai'i  
John A. Burns School of  
Medicine



**Garrett Kuwada, MD**  
University of Hawai'i  
John A. Burns School of  
Medicine



**YeunHo Lee, MD**  
Kyunghee Univerisity



**Daisuke Sato, MD**  
Yamaguchi University





# University of Hawai'i Pediatric Residency Program

## 2021-2022 Pediatric Residency Program



Hawaii Residency  
PROGRAMS, INC.

### PGY-2



**Nelly  
Martinez, M.D.**



**Carrie  
Ip, M.D.**



**Barbora  
Kadecka, M.D.**



**Surabhi  
Khasgiwala, M.B.,B.S.**



**Chattip  
Prueksapraopong, M.D.**



**Kornkanok  
Saringkarisate, M.D.**



**Ayush  
Gowda, M.B.,B.S**

### PGY-1



**Anirban  
Dutta, M.B.,B.S.**



**Mari  
Grief, M.D.**



**Youngtae  
Kang, M.D.**



**Rachel  
Kwon, D.O.**



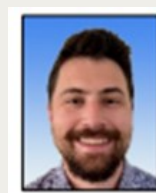
**Tiffany  
Lau, M.D.**



**Thanaporn  
Ratchataswan, M.D.**



**Mari  
Ueno, M.D.**



**Joshua  
Umland, D.O.**



# Resident Honors & Awards

July 1, 2021—June 30, 2022

## Hanna Distel, M.D.

- **PICU Resident Award**

## Carrie Ip, M.D.

- **Chief Award**—for a resident based on his/her exemplary qualities and performance

## Barbora Kadecka, M.D.

- **George William Starbuck Award**—for an upper-level resident in recognition of his/her outstanding educational achievements, and who has demonstrated an interest in psychosocial problems, demonstrating humanity, concern for social issues, child health and welfare
- **Calvin CJ Sia Award**— for an upper-level resident in recognition of his/her community pediatrics advocacy efforts

## Tiffany Lau, M.D.

- **Reddy Sponsored Chairman's Book Award**—for an outstanding first year resident

## Matthew Lim, M.D.

- **21st Annual Research Day Third Place**—Topic: A Child with Hemophagocytic Lymphohistiocytosis and Suspected X-Linked Lymphoproliferative Disease Associated with c.131G>A Variant of Unknown Significance

## Jenny Liu, M.D.

- **The Ralph Platou Award**—for an upper-level resident that exemplifies qualities of Dr. Platou, demonstrating an interest in general pediatrics, serving as a role model for pediatric practice

## Jaikaran Man Singh, M.D.

- **21st Annual Research Day First Place Award**—Topic: A Retrospective Analysis of Outcomes for Pediatric Myocarditis in Hawaii

## Erika Noel, M.D.

- **The Ralph Platou Award**—for an upper-level resident that exemplifies qualities of Dr. Platou, demonstrating an interest in general pediatrics, serving as a role model for pediatric practice
- **Nightingale Award**—for an outstanding resident in recognition of his/her excellence in nursing, dedication and outstanding patient care
- **Drs. Nathaniel and Clara Ching Pediatric Infectious Disease Excellence Award**—for a Pediatric resident recipient that is recognized for making a significant contribution to the medical literature of Infectious Diseases and/or the completion of an Infectious Diseases project benefiting keiki at Kapiolani Medical Center for Women and Children

## Jihyun "Polly" Park, M.D.

- **Academic Excellence Award** for an upper-level resident that demonstrates strong academic qualities in Pediatrics
- **21st Annual Research Day Second Place Award**—Topic: Z-Scored-Based ECG Interpretation in Athletes
- **Kenneth Ash NICU Award**—for recognition of a resident's exceptional dedication to NICU patients and their families, colleagues, and the medical profession, exemplifying Kenneth M. Ash, M.D.

## Kornkanok Saringkarisate, M.D.

- **Drs. Nathaniel and Clara Ching Pediatric Infectious Disease Excellence Award**—for a Pediatric resident recipient that is recognized for making a significant contribution to the medical literature of Infectious Diseases and/or the completion of an Infectious Diseases project benefiting keiki at Kapiolani Medical Center for Women and Children

## Daniel Truong, D.O.

- **Resident Achievement Award**—for a senior level resident in recognition of his/her outstanding educational achievements & who is a role model for other residents in commitment to teaching and service
- **Hospitalist Award**—for the resident who: 1) Demonstrates a positive attitude working on the Pediatric Wards; 2) Demonstrates ability to use feedback for sustained improvement that is reflected in patient care; 3) serves as a role model for other residents on the Pediatric Wards in terms of leadership, teamwork, and commitment to outstanding patient care; 4) Demonstrates composure and professionalism at all times





# Resident Research Infrastructure

## Aloha and greetings from the Resident Research Directors!

As Research Directors, we encourage and support the scholarly activity by the residents of University of Hawaii Pediatric Residency Program. Our desire is to train tomorrow's physicians and healthcare leaders by providing opportunities to practice important skills, like how to develop research ideas, establish goals, practice critical thinking, incorporate feedback, and effectively communicate findings through abstracts at various conferences and by publications. Exploring the ideas of today will help advance pediatric medicine, leading to a healthier future for all children.

First of all, many thanks to our pediatric residents! The success of our research curriculum continues to build upon their hard work, passion and dedication.

Mahalo nui loa to all the faculty members for mentoring, supporting, and encouraging our residents' scholarly activity.

To support the scholarly activities, we meet with the residents at least every quarter. We review and provide directions in their research work. We help identify and establish their network with the appropriate research mentors. We often help them manage any obstacle that come in their research journey. We also invite internal and external guest lecturers to discuss our resources at Hawaii Pacific Health Research Institution (HPHRI) and University of Hawaii at Manoa and JABSOM. We also conduct educational didactics via lectures on statistics, grant writing, research design, manuscript writing and many more.

Every year our pediatric residents present their abstracts at various conferences and publish their work in renowned and well-respected journals. This is reflective of dedication and commitment of our residents and their mentors.

This year on May 25th, 2022, we celebrated our 21st Annual Raul Rudoy Research Day. We had a total of 8 scientific presentations. This special time reflected the ongoing commitment to research and scholarly activity of the Pediatric Residency Program.



**21st Annual Raul Rudoy  
Pediatric  
Research Day**

Nan, Inc. Auditorium  
Kapiolani Medical Center for Women and  
Children  
Wednesday, May 25, 2022  
12:30-5:00 pm

RSVP required by May 10th to [peds@hawaii.edu](mailto:peds@hawaii.edu)  
for provided lunch. This is a hybrid event. More  
information on Zoom and surveys to follow upon  
reservation.



I would like to take a moment and introduce our Research Director Team members below.



**Kenneth Nakamura, MD**  
Professor & Pediatrics Dept. Chair,  
Neonatal-Perinatal Medicine



**Venkataraman Balaraman, MBBS**  
Dept. Vice Chair & Neonatologist,  
KMCWC,  
Neonatal-Perinatal Medicine  
Program Director



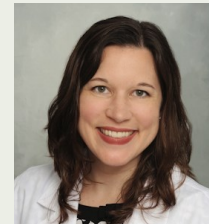
**David Kurahara, MD**  
Professor, Dept of Pediatrics  
Pediatric Rheumatologist, KMCWC  
Program Director  
Resident Research Co-Director



**Prashant Purohit, MBBS, FAAP**  
Pediatric Intensivist, KMCWC  
Resident Research Director and  
PICU Rotation Director



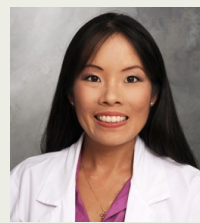
**Loren Yamamoto, MD, MPH, MBA**  
Professor, Dept of Pediatrics  
Emergency Medicine, KMCWC  
Residency Research Co-Director



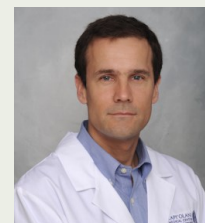
**Jennifer Di Rocco, DO, MEd**  
Assistant Professor, Dept of Pediatrics  
Pediatric Hospitalist, KMCWC  
UH Pediatric Residency Program  
Associate Director  
Resident Research Co-Director



**Akshatha, MD**  
Clinical Supervisor, Dept of Pediatrics  
Neonatologist, KMCWC  
Resident Research Co-Director



**Kara Wong-Ramsey, MD**  
Assistant Professor, Dept of Pediatrics  
Neonatologist, KMCWC  
Resident Research Co-Director



**Andras Bratincsak, MD, PhD**  
Associate Professor, Dept of Pediatrics  
Pediatric Cardiologist, KMCWC  
Resident Research Co-Director



**Rodolfo Bague, MD**  
Clinical Professor, Dept of Pediatrics  
Pediatric Infectious Diseases, KMCWC  
Resident Research Co-Director



A warm mahalo to our wonderful keynote speakers, Dr. Andras Bratincsak, Dr. Cass Nakasone and Dr. Russell Woo. They shared their knowledge, expertise and their research journey with us on the 21st Annual Research Day. We were honored to have them, and we will continue to invite such honorable speakers every year on the Annual Research Day.

Once again, I would like to thank everyone who joined us and supported to make this day successful, and I appreciate dedication and commitment of our pediatric residents and their mentors.

### **Prashant Purohit, MD, FAAP**

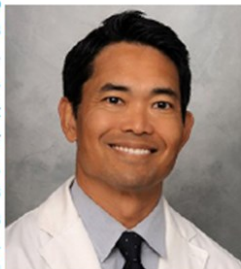
Attending Physician, Pediatric Critical Care Medicine,  
Department of Pediatrics,  
Kapiolani Medical Center for Women and Children,  
Resident Research Director, University of Hawaii, Department of Pediatrics  
Honolulu, HI

## Keynote Speakers



**Andras Bratincsak, MD, Ph.D.**, is a pediatric and adult congenital cardiologist at Hawai'i Pacific Health in Honolulu and an associate professor of pediatrics at the University of Hawai'i. He is a native of Hungary, completed his medical school in Hungary followed by a PhD in neuroscience at the National Institutes of Health. After the pediatric residency at the University of Hawai'i he finished a pediatric cardiology fellowship program at the University of California in San Diego with subspecialty training in interventional cardiology, electrophysiology and adult congenital cardiology. He is board certified in pediatrics, pediatric cardiology and adult congenital heart disease. He has a special interest in heart rhythm problems and interventional cardiology.

**Cass Nakasone, MD**, has been practicing as an orthopedic surgeon at Straub since 2005. He specializes in minimally invasive joint replacement surgery. His specific professional interests are in total, partial, and revision knee replacement surgeries and in direct anterior approach total hip replacements and revisions. Dr. Nakasone has performed over 3000 total knee and over 3000 direct anterior approach total hip replacements and has served as faculty instructor for surgical courses throughout the west coast and Japan related to partial knee, total knee and total hip replacement surgery. Dr. Nakasone has hosted surgeons from Japan, Australia, India and the U.S. who want to see advanced techniques in joint replacement surgery, served as surgical design consultant for three implant systems and is involved in several research studies evaluating surgical technologies.



**Russell Woo, MD**, is a nationally recognized pediatric surgeon who specializes in minimally invasive surgery for infants and children. He is a graduate of the Yale University School of Medicine. Dr. Woo completed a residency in general surgery at Stanford University as well as research fellowships in surgical robotics and biotechnology innovation. He then completed his subspecialty fellowship training in pediatric surgery at Children's Hospital Los Angeles and the USC Keck School of Medicine. Dr. Woo has been a practicing pediatric surgeon at Kapi'olani Medical Center for Women and Children since 2009, where he currently serves as the Chair of the Quality Council and Vice-Chair of Perioperative Services. He is also an active faculty member of the Department of Surgery at the University of Hawai'i, John A. Burns School of Medicine where he serves as an Associate Professor of Surgery and the Associate Chair for Research.



# 2021-2022 Pediatric Resident Rural Rotation

The Department of Pediatrics offered two types of rural health experiences for Pediatric residents during the 2021-2022 academic year:

Neighbor island shadowing: The original aim of neighbor island shadowing was to provide an opportunity for Pediatric interns to spend a day on a neighbor island to provide them with an introduction to rural healthcare as well as to stimulate interest in neighbor island Individualized Educational Unit (IEU) rotations during their second and third year. However, because Pediatric residents were unable to travel during the COVID pandemic the focus of the 2021-2022 academic year was on senior residents who had missed this opportunity during internship, recognizing that it is important that all Pediatricians have exposure to rural health care. The Pediatric residents would either go with the Neonatology team and participate in neonatal resuscitation training for nurses, respiratory therapists and physicians at a neighbor island hospital and then spent the remainder of the day with a community Pediatrician or spend a full day shadowing a neighbor island Pediatrician if there was no scheduled hospital training.

Neighbor island IEU: Pediatric residents can choose to spend 2-4 weeks on a neighbor island working in a rural hospital and/or with community Pediatricians during their second and third year as one of their IEU rotations.

The goals of the rural health experiences are:

1. To familiarize Pediatric residents with available resources and Pediatric providers on the neighbor islands to better facilitate care for neighbor island patients.
2. To encourage Pediatric residents to consider practice on a neighbor island.

Neighbor island shadowing:

Resident	Location	Date	Comments
Matthew Lim	Hilo	3/8/22	Dr. Darrett Choy, community Pediatrician and Dr. Craig Burger, Pediatric hospitalist Hilo Medical Center
Nelly Guterrez	Hilo	4/1/22	Dr. Jennifer Case, Pediatric Hospitalist, Hilo Medical Center
Lauren Ishida	North Hawaii	12/10/22	Neonatal resuscitation training with Neonatal team, Paniolo Pediatrics practice.



# 2021-2022 Pediatric Resident Rural Rotation

## Neighbor island IEU:

Resident	Location	Rotation Dates	Comments
Hanna Distel	Hilo	4/8/21 - 4/21/21	Hilo Medical Center Pediatric hospitalists
Jenny Liu	Hilo	6/3/21 - 6/16/21	Hilo Medical Center Pediatric Hospitalists, site visits to Kona Community Hospital, North Hawaii Community Hospital and Bay Clinic.
Jaikaran Man Singh	North Hawaii	4/22/21 - 5/5/21	North Hawaii Community Hospital Pediatric hospitalists and Paniolo Pediatrics outpatient clinic
Erika Noel	Kauai	3/25/21 - 4/7/21	Kauai Medical Group
Carrie Ip	Hilo	2/10/22 - 3/9/22	Dr. Brenda Camacho, Community Pediatrician

Travel costs for neighbor island shadowing were covered by external grant funding. Neighbor island IEU rotations received funding support from HPAREF. In addition, accommodations in Hilo and Waimea, on the island of Hawaii, were provided for free through Hilo Medical Center, North Hawaii Community Hospital and by the Rural Health Association. A car was available for Pediatric residents in Hilo through the Rural Health Association and a Pediatric practice in Waimea, Paniolo Pediatrics, donated a car rental for Dr. Man Singh's IEU rotation in Waimea. Dr. Erika Noel arranged her own accommodations on Kauai and HPAREF funded the remainder of her costs.

In addition to the neighbor island experiences already described, Dr. Lauren Ishida and Dr. Erika Noel, both third year Pediatric residents, went on a site visit to Molokai on 5/22/22 as part of their telemedicine IEU to better understand the needs of the community and whether telemedicine could provide some solutions. Although both residents have graduated there continue to be ongoing discussions. Their travel to Molokai was funded by external grants.





# Medical Student Activities



# PEDIATRIC INTEREST GROUP (PIG)

## PEDIATRIC INTEREST GROUP

Highlights of our events from previous years

Any Questions? Contact Us:  
[UHPediatricInterestGroup@gmail.com](mailto:UHPediatricInterestGroup@gmail.com)



### Injection workshop

Learn how to inject needles on each other using intramuscular, subcutaneous, and intradermal techniques!

### Ultrasound Workshop

Visit Kapiolani and learn how to perform thoracic, abdominal, and pelvic ultrasound examinations on each other!

### Pediatrics Career Night

Speak to various pediatric specialists including cardiologists, nephrologists, sports medicine physicians, neurologists, ER, rheumatologists, pulmonologists, and more!

### Phlebotomy Workshop

Learn the proper technique to perform a venipuncture and practice drawing blood from each other!

### Chest X-Ray (CXR) & Asthma Workshop

Learn basic CXR-reading techniques and how to use various asthma gadgets ... Extremely helpful for your MD2 Cardio/Pulm unit!

### Splinting Workshop

Learn the different types of pediatric fractures and practice splinting your hands, wrists, arms, feet, and legs!

### NICU Tour & Ventilation/Intubation Workshop

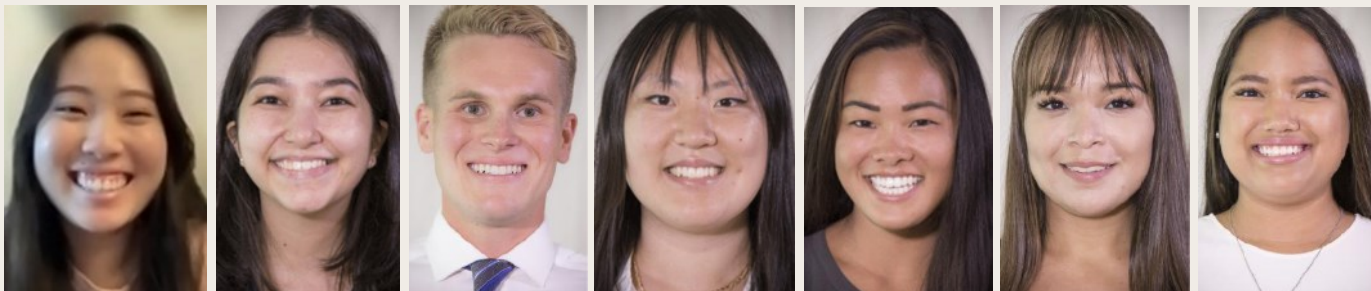
Get a tour of the Neonatal ICU at Kapiolani and learn how to ventilate/intubate newborns, children, and adults!

### Other Events You Can't Miss

- Annual PIG Bake Sale
- Kid's Fest at Bishop Museum
- Pediatrics Residency Panel

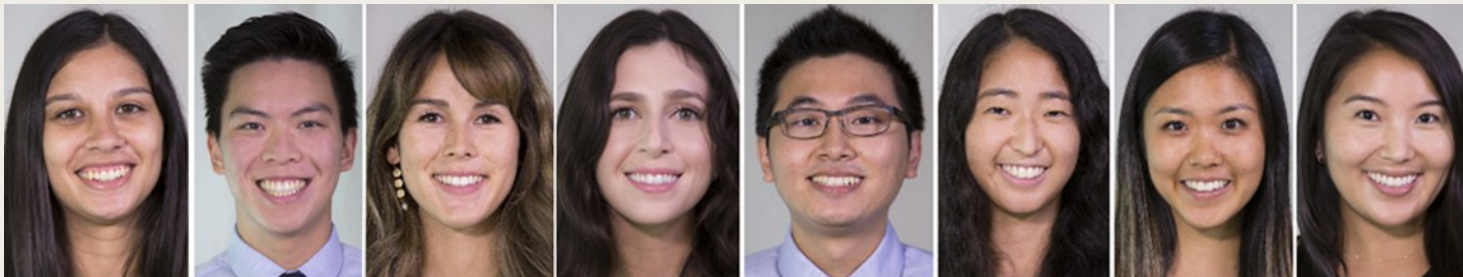
Join the JABSOM Pediatric Interest Group on Facebook

Current MS1 (soon to be MS2) PIG Officers:

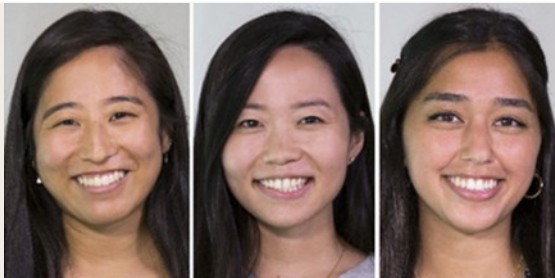


Carley Kida (VP) Erika Ryckman (VP) Riley Parks (S/T) Michelle Lu (EC) Kerri Nino (EC) Carly Coleman (book) Ashley Lee (Book)

Current MS2 (soon to be MS3) PIG Officers:



Anna-Kaelle Ramos Nathaniel Villaneuva Michelle Stafford Emily Leibovitch Collin Liang Jaimee Kato Erica Shin Maya Matsumoto



Kellie Goya Tori Teramae Ashley Shirriff



## Pediatrics Interest Group (PIG)

**T**he PIG is among the most active interest groups at UH JABSOM. PIG officers are elected at the beginning of the school year. MS1 PIG officers work with the MS2 PIG officers to plan and host PIG activities for the school year.

In the school year 2021 to 2022, in the midst of the COVID-19 variant surges, the PIG hosted the following activities:

**Aug 2021:** By Zoom: Election of new officers (VPs: Carly Kida and Erika Ryckman, Sec/Treas Riley Parks, Event Coordinators Michelle Lu and Kerri Niino, Children's Book Distribution Service Project coordinators Carly Coleman and Ashley Lee), meet Dept of Pediatrics faculty, Pediatrics Trivia Game. Faculty: Jessica Kosut, Barry Mizuo, Marissa Fakaosita, Kara Wong-Ramsey, Kyra Len, Prashant Purohit, Travis Hong, Loren Yamamoto

**Oct 2021:** By Zoom: Splint workshop. Students were provided with pre-packages splint kits containing cast padding, stockinette, OrthoGlass, and elastic wraps. Students were instructed in the application of short arm volar, thumb spica, long arm posterior, upper extremity sugar tong, long leg posterior, and lower extremity stirrup splints. Students then broke up into smaller Zoom groups to apply splints to their partners under faculty guidance. Faculty: Dan Murai, Joan Meister, Rachel Coel, Brenda Nishikwa, Jessica Kosut, Kyra Len, Kristyn Nishimoto, Loren Yamamoto

**Nov 2021:** By Zoom: Chest x-ray and Asthma gadgets workshop. Students were taught how to read a chest X-ray and shown multiple abnormal pediatric chest X-rays. Students taught how to use asthma inhalation devices including, HFA inhalers, spacers, dry powder inhalers, peak flow meters, nebulizers. Students were provided with placebo HFA inhalers. Students then broke up into smaller Zoom groups to demonstrate their inhaler technique under faculty guidance and critique. Faculty: Edward Fong, Barry Mizuo, Loren Yamamoto

**Jan 2022:** By Zoom: Pediatrics Social with Faculty. Students picked up bento dinners at pre-designated sites, then joined a Zoom "Social" with faculty. Students participated in games for valuable prizes that included Gimme Gimme scavenger hunt, and "Been There, Done That".

**Feb 2022:** By Zoom: Interesting X-rays workshop. Students were instructed on general principles of reading x-rays. Examples of chest, abdomen, hips, neck, and extremity X-rays were shown.

**Feb 2021:** We had to skip this one in 2022, but we did host this in Feb 2021: By Zoom: Injection workshop. Students were provided with an injection kit that included syringes, needles, a saline vial, alcohol pads, gauze, bandages, and a mini sharps disposal unit. Students were shown how to perform intramuscular (IM), subcutaneous (SQ), and interdermal injections. Between each of these, students broke up into smaller groups to perform these on a partner under faculty guidance/supervision. Students moved between the big group to learn the next injection type and the small groups to perform the injection on their partners.





**Apr 2022:** By Zoom: Pediatric Specialty Career night. Students picked up Bento dinners at JABSOM, then joined this event by Zoom. UH JABSOM Pediatric faculty in nearly every specialty and subspecialty faculty (in primary care pediatrics, nursery, hospitalist pediatrics, neonatology, pediatric intensive care, pediatric emergency medicine, pediatric cardiology, pediatric pulmonology, pediatric gastroenterology, pediatric nephrology, pediatric endocrinology, pediatric neurology, pediatric hematology/oncology, pediatric rheumatology, adolescent medicine, child abuse, developmental/behavioral pediatrics, sports medicine, genetics) joined the students for this event. Students rotated through pairs of subspecialties every 10 minutes in small groups of 3 to 4 students to ask questions to the faculty. At the end of this, all students and faculty returned to the big group. Faculty then broke up into three groups and students could join any of these group for the final 20 minutes of the event.

**May 2022:** By Zoom: Residency Match with MS4/Resident Panel. Students joined a panel of MS4s and pediatric residents who discussed their decisions to select pediatrics as their careers, MS4 electives, residency application processes and experiences. Three of our Pediatrics residents joined the session: Dr. Mari Grief, Dr. Nelly Gutierrez, Dr. Erika Noel.

In previous (non-COVID) years, the PIG has hosted workshops/events that include: phlebotomy, suturing. Service projects included: Hawaii Pacific Health's Kids fest. Annual fund raisers include the PIG bake sale. PIG officers have successfully obtained additional funding from the UH Student Activity & Program Fee Board (SAPFB) and from Pediatrics Faculty donations.

COVID is down, but not out. We hope that COVID vaccination and control measures will continue to control COVID so that we can get together and have more Pediatrics Interest Group activities in-person with faculty. We are looking for a group of MS1 officers to continue the Pediatrics Interest Group traditions and activities. The pediatrics faculty will help you with most of the difficult stuff (e.g., funding and getting the doctors to show up.)

Hope to meet you all soon.

Sincerely yours,

Loren Yamamoto, MD, MPH, MBA, FAAP, FACEP

Pediatrics Interest Group Faculty Advisor

Professor of Pediatrics, University of Hawaii John A. Burns School of Medicine

Former Chief of Staff and Pediatric Emergency Medicine Attending Physician, Kapi`olani Medical Center For Women & Children



## MEDICAL STUDENT PRECEPTORS

### 2021-2022 Longitudinal Clinical Mentors

Christopher Lynch, David Kurahara, Edward Fong, Jannet Lee-Jayaram, Jennifer Di Rocco, Jennifer King, Jessica Kosut, Joan Meister, Marian Melish, Barry Mizuo, Pia Francisco-Natanauan, Rachel Coel, Selena Chen, Travis Hong

### 2021-2022 Learning Community Mentors

Daniel Murai, Jannet Lee-Jayaram  
Kyra Len, Mark Pian, Travis Hong

### 2021-2022 Problem-Based Learning (PBL) Tutors

Ashley Cowan, Venkatataraman Balaraman, Barry Mizuo, Cheryl Okado, Emmanuel Kling, James Musgrave, Jordan Kono, Kyra Len, Len Tanaka, Loren Yamamoto, Tiffany Wang, Travis Hong

### 2021-2022 Outpatient Preceptors

Alyson Tamamoto, Alyssa Honda, Blair Limm-Chan, Brenda Nishikawa, Brent Ferguson, Brent Matsumoto, Brent Tamamoto, Brit Reis, Caroline Chang, Cherise Saito, Cindy Colo, Darret Choy, Derek Flores, Derrick Ching, Felicitas Livaudais, Gina French, Irene Papaconstadopoulos, Jenny Welham, Jodie Toward, Jon Ishii, Justin Hino, Kathleen Morimoto-Nishioka, Kelsey Rhodes, Kriselle Gines, Kristin Hallett, Kristyn Nishimoto, Laura Hassen, Malia Rasa, Maureen Chang, Michael Treece, Michael Walter, Nicole Sun, Paul Ross, Raquel Chan Ikeda, Robert Wotring, Robyn Hasegawa, Ronald Hirokawa, Steven Kaplan, Tawni Gesteuyala, Teresa Bane-Terakubo, Terri Tanaka, Trudy Hong, Valerie Besenbruch, Vinson Diep, Yolanda Wu



2022 Convocation. Photo courtesy of: Kyra Len, MD





# Departmental Educational Activities



# Department of Pediatrics

2021-2022

## Thursday Grand Rounds

2021		
<b>July</b>		
1-Jul	CHAIR	Martha Smith Tribute
8-Jul	HOSP	Cheryl Okado and Jordan Kono - Updates in Pediatric Hospital Health
15-Jul	CARD	Dona Brekke - The Skinny on Cholesterol
22-Jul	NICU	Akshatha - Eat, Sleep, Console for NOWS, The Science of Nurture
29-Jul	PEDS	Blair Limm-Chan - Disruption of Calcium and Phosphorus Levels in Rickets
<b>August</b>		
5-Aug	HEM/ONC	Stephanie Lim CAR T Cell Therapy: New Light on the Horizon
12-Aug	PICU	John Harrington - Now What: Post PICU Care and Management, or Karen Management?
19-Aug	Psych	Taryn Park - A is for App: The Basics of Electronic Usage Among Youth and the Parenting Hacks to Manage It
26-Aug	ED	Teresa Calzone-Salterfield - Unintentional Injuries in Children: Review of Common Exposures and Discussion of Recent Trends
<b>September</b>		
2-Sep	ORTHO	William Burkhalter (confirmed 5/14/21)
9-Sep	ID	Rodolfo Begue - Pregnant and Having a Baby During COVID-19
16-Sep	ENDO	Jennifer Concepcion - Turner Syndrome
23-Sep		No Grand Rounds
30-Sep	HEM/ONC	Guy Young (CHLA) - Current and Future Treatments for Hemophilia
<b>October</b>		
7-Oct		Emmanuel Kling - Neonatal Emergencies
14-Oct	NICU	Sherec Kuo - Quality Improvement Initiatives to Decrease Necrotizing Enterocolitis - A Decade Long Odyssey
21-Oct		Annie Chen - But This Child is Not Dying!
28-Oct	HOSP	Darryl Haines/Marina Holick - "Thank You, Heal!" - How Real Generalists Succeeding in Resolving the Way We Diagnose Infection
<b>November</b>		
4-Nov	DENT	Tuan Pham - Dental Trauma
11-Nov		Holiday
18-Nov	VP	Daniel Mulrooney, St. Jude Children's Research Hospital - Cardiovascular Health After Childhood Cancer
25-Nov		Holiday
<b>December</b>		
2-Dec	PEDS	Benetta Chin / Quynh Doan - Follow your HEARTSmap: A Novel Psychosocial Evaluation Instrument for Children and Youth
9-Dec	NEURO	Keith Abe - Seizures? Epilepsy? Or not?
16-Dec	VP	May Okihiro - MCH LEND Hawaii: Celebrating 25 years of supporting Children and Youth with Special Healthcare Needs and their Families
23-Dec	RHEUM	Kara Yamamoto - Management & Health Maintenance for Children With Rheumatologic Conditions - Challenges & Lessons Learned In Living with COVID-19
30-Dec		No grand rounds

2022		
<b>January</b>		
6-Jan	RES	Polly Park / Jaikaran Singh (Dr. Bratincsak) - Cardiac and non-cardiogenic causes of syncope (tentative)
13-Jan	URO	Ronald Sutherland - Kidney Stones in Kids? Not Kidding!
20-Jan	ED	Lynette Young - Evaluation and management of well-appearing febrile infants?
27-Jan	GI	Camilla Fraga Lovejoy - Back to Basics - Constipation. Poop - The Final Frontier
<b>February</b>		
3-Feb	RES	Erika Noel / Lauren Ishida (Dr. Kyra Len) - Medical Education during COVID-19
10-Feb	CARD	Andras Bratincsak - Congenital Heart Center
17-Feb	ENT	Aimee Grace and Kamuela Enos - Kulia e Uli: UH Center for Indigenous Innovation and Health Equity
24-Feb	NEPHR	Rhiana Lau / Jennifer Sasaki - Pediatric Nephrotoxic Acute Kidney Injury Quality Initiative
<b>March</b>		
3-Mar	RES	Daniel Truong / Hanna Distel - It's Getting Hot in Here... So What?
10-Mar	DERM	Allyson Spence-Shishido - Atopic Dermatitis: A Practical Approach
17-Mar	HOSP	Cancelled rescheduled to 5/12
24-Mar	NICU	Megan Doty - The Late Preterm Infant: More Than Just a Small Term Infant
31-Mar	ANESTH	Matt Corcoran - Ultrasound Can Be Dangerous! Let's Make Ultrasound Guided Peripheral IV's Safer for the Keiki at KMCWC
<b>April</b>		
7-Apr	PULM	Brian Wu - EVALI (E-cigarette/Vaping Associated Lung Injury)
14-Apr	RES	Matthew Lim / Jenny Liu (Dr. Jennifer Di Rocco) - The State of the Pediatric Workforce in Hawaii
21-Apr	PHYS	Tamara Zagustin - Supporting Walk and Roll in All Children
28-Apr	SPORTS	Jennifer King - She throws like a girl... you better back up
<b>May</b>		
5-May	GENE	Leah Dowsett - Improving the Diagnostic Odyssey in Rare Disease Patients
12-May	ID	Mae Kyono & Natascha Ching - Various Presentations of COVID-19 in Pediatric Patients
19-May	SURG	Russell Woo (verbally confirmed w/ Dr. Bratincsak) - Updates on Pediatric Surgical Services at Kapiolani
26-May	PEDS	Gina French - What's Up With Bullies? Who Are They? Can We Do Anything About Them?
<b>June</b>		
2-Jun	OB/GYN	Shandhini Raidoo (virtual) - Adolescent Sexual Health: The Pain of Puberty for Providers and Families
9-Jun	COMPLEX	Jasmin Jensen - Multidisciplinary Management for Complex Vascular Anomalies
16-Jun	VP	Patricia Morgan - Understanding Child Neglect
23-Jun	WCC	





# Pediatric Research



**\$42.37M**

*In extramural funding*

**\$251 K**

*In intramural funding*

**268**

*Total faculty members*

**79**

*Journal publications*

**103**

*Presentations*



# Departmental Research Report

## Departmental Research Report (2021-2022):

### Leadership Update.

Venkataraman Balaraman, MBBS was named to the permanent position of Associate Chair for Research in the Department effective January 2022.

### Grants and Researchers:

The Departmental faculty have established a good track record in procuring extra-mural grants for many research and service products. For the past several years, the cumulative amounts of these grants have been in excess of \$ 1 million annually and the department ranks very highly among the other JABSOM departments in attracting these funds. Active PI's with grants for research and service contracts in the Department include, Venkataraman Balaraman, Andras Bratincsak, Rachel Coel, Marissa Fakaosita, Pia Francisco Natanauan, Jessica Kosut, Sheree Kuo, Wade Kyono, Kyra Len, Marian Melish, Charles Neal, Cheryl Okado, May Okihiro, Kara Wong Ramsey, Loren Yamamoto, and Richard Yanagihara.

### IDEA States Pediatric Clinical Trials Network (ISPCTN) Research

Currently we are in the second funding cycle for this as a site to recruit patients in IDEA states sponsored pediatric clinical trials. Active projects under collaboration (not all funded under ISPCTN) are:

1. Eat Sleep Console (ESC) approach for management of newborns with Neonatal Opioid Withdrawal Syndrome (NOWS). The site Junior Investigators leading this are Drs. Akshatha and Kara Wong Ramsey under the guidance of Dr. Charles Neal. The site enrolled over 35 patients into the study. Even as the study is entering the long term follow up phase, the primary outcomes of interventions during hospitalization are completing evaluation and being readied for publication. (ISPCTN and NRN collaboration under the HEAL initiative)
2. MoveUP study – Improving Pediatric COVID-19 Vaccine Uptake Using an mHealth Tool. Actively recruiting patients from two HPH based clinics – Pediatric Clinic at KMCWC and KMC Clinic at Lihue, Kauai. Dr. Kelsey Rhodes in the site PI for this study. (ISPCTN sponsored)

3. Bronchiolitis Recovery and the Use of High Efficiency Particulate Air (HEPA) Filters. Active recruitment is expected in the winter to coincide with the expected peak of viral bronchiolitis. Dr. Brian Wu is the site PI for this study. (ISPCTN sponsored)
4. Post-Acute Sequelae of COVID-19 (PASC-RECOVER) is actively recruiting patients at Kapiolani Medical Center for Women and Children. Drs. Jessica Kosut and Travis Hong lead this study at Kapiolani Medical Center and we have done well with recruiting over 30 Pediatric and Young adult patients into this protocol.

### Biomedical Research and Innovation Center (BRIC at HPH)

Two of the Departmental faculty members Drs. Andras Bratincsak and Russell Woo along with Dr. Cass Nakasone provide leadership to this center. The center sponsors a one-year program in clinical research to interested faculty and is a pathway for faculty development. Funding for the program comes from HPH Medical Group with optimized use of all of HPH wide shared resources supporting research. Two of the Departmental members were BRIC supported faculty this year – Maya Maxym and Kelley Hutchins.

The Program is actively developing web-based resources to support faculty needs for research.

### HPH Summer Student Research Program (HPH SSRP)

This program sponsored by HPH to engage college students in an eight week curriculum in the area of Biomedical Research and exposure to practice of medicine in Hawai'i. 12-14 students are selected annually. They work with Research mentors primarily on clinical projects. This year several pediatric faculty members were research mentors to the students – Jennifer King, Wade Kyono, and Loren Yamamoto.

### Children's Oncology Group (COG) Protocols

Dr. Wade Kyono acts as the site PI for all pediatric oncology studies done under the auspices of COG at Kapi'olani Medical Center for Women and Children



# Extramural Research and Training Grants and Contracts

## EXTRAMURAL GRANTS

### Venkataraman Balaraman, MD

Title	Role	Funding Source	Award Date	Project Period	Dollars Awarded	Type of Grant
Ola HAWAII	Other	NIH	9/21/2017	09/21/2017 - 06/30/2022	23,105,067.00	Research
HIPACT2	PI	NIH	9/1/2020	09/01/2020 - 08/31/2025	1,250,000.00	Research
Pacific Innovation, Knowledge and Opportunities (PIKO)	Other	NIH	9/1/2021	09/01/2021 - 08/31/2026	3,000,000.00	Research

### Andras Bratincsak, MD, PhD

Title	Role	Funding Source	Award Date	Project Period	Dollars Awarded	Type of Grant
Doxycycline treatment to prevent coronary artery lesions in Kawasaki Disease	PI	American Heart Association	7/1/2018	07/01/2018 - 06/30/2023	300,000.00	Research
Novel disease-electrocardiogram associations in inherited arrhythmia syndromes	PI	NIH	8/16/2022	08/17/2022 - 07/31/2024	357,000.00	Research

### Charles Neal, MD

Title	Role	Funding Source	Award Date	Project Period	Dollars Awarded	Type of Grant
Neonatal Neurobehavior and Outcomes in Very Preterm Infants (Methylation Extension)	Co-PI	NIH	8/1/2013	10/01/2013 - 09/30/2022	11,000.00	Research
Environmental Influences on Health Outcomes (ECHO) in Former VLBW Infants	Co-PI	NIH	9/30/2016	02/01/2017 - 01/31/2023	478,801.00	Research
Hawaii IDeA Center for Pediatric and Adolescent Clinical Trials (HIPACT)	Other	NIH	9/30/2017	09/21/2017 - 08/31/2023	900,000.00	Research

### Jeffrey Okamoto, MD

Title	Role	Funding Source	Award Date	Project Period	Dollars Awarded	Type of Grant
Learn the Signs Act Early Ambassador Grant	PI	Association of University Centers on Disabilities (AUCD)	3/1/2019	07/01/2019 - 08/21/2022	12,000.00	Training
Enhance Support for Early Childhood Systems Through Act Early Ambassador Program to Support COVID19 Recovery	PI	Association of University Centers on Disabilities (AUCD)	9/1/2020	09/01/2020 - 08/31/2022	188,000.00	Training





**May Okihiro, MD**

Title	Role	Funding Source	Award Date	Project Period	Dollars Awarded	Type of Grant
Project HANU: Family-centered asthma care and coordination at schools, Phase 1	PI	Local	4/1/2020	04/01/2020 - 05/30/2022	50,000.00	Research
Community Approaches to Mitigating COVID-19 Disparities in Hawaii's Vulnerable Populations	Co-PI	NIH	9/1/2020	09/01/2020 - 06/30/2022	4,541,369.00	Research
Empowering Schools as Community Assets to Mitigate the Adverse Impacts of COVID-19	PI	NIH	7/1/2021	07/01/2021 - 06/30/2023	3,000,000.00	Research
Maternal Child Health Leadership and Education in Neurodevelopmental Disabilities	PI	HRSA	7/1/2021	07/01/2021 - 06/30/2026	2,675,990.00	Training
Integrative Center for Precision Nutrition and Human Health	Other	NIH	3/20/2022	03/20/2022 - 01/31/2023	2,443,468.00	Research

**Richard Yanagihara, MD**

Title	Role	Funding Source	Award Date	Project Period	Dollars Awarded	Type of Grant
ola HAWAII	Other	NIH	7/1/2019	09/21/2017 - 06/30/2022	239,253.00	Research
Research Centers in Minority Institutions (RCMI) Coordinating Center	PI	NIH	9/8/2020	09/08/2020 - 04/30/2025	120,000.00	Research
Puipuia le Ola: Increasing reach and uptake of COVID-19 testing among Pacific Islanders in Hawaii and	PI	NIH	3/14/2022	03/14/2022 - 07/13/2023	967,630.00	Research
Pacific Center for Emerging Infectious Diseases Research	PI	NIH	7/1/2015	07/01/2015 - 06/30/2022	750,000.00	Research
Center for Pacific Innovations, Knowledge and Opportunities	Director	NIH	9/1/2021	09/01/2021 - 06/30/2026	3,000,000.00	Research
Viral and Host Determinants of Susceptibility of Diverse Hantaviruses	Other	NIH	7/1/2021	07/01/2021 - 06/30/2023	25,000.00	Research

**INTRAMURAL GRANTS**

**Maya Maxym, MD**

Title	Role	Award Date	Project Period	Dollars Awarded	Type of Grant
SEED Ideas	PI	2/21/2022	09/21/2017 - 06/30/2022	239,253.00	Training

**Richard Yanagihara, MD**

Title	Role	Award Date	Project Period	Dollars Awarded	Type of Grant
Pathways for Advancement of Pacific Islanders	Other	8/2/2022	08/02/2022 - 02/28/2024	250,000.00	Training





# Honors & Achievements



**Keith Abe, MD** – *Division of Pediatric Specialty (Neurology)*

Honolulu Magazine Top Doctors in 2021 and 2022 (continued since 2008)

HPH Hawaii's Best Physicians 2021

**Andras Bratincsak, MD, PhD** – *Division of Pediatric Specialty (Cardiology)*

Hawaii's Best Physician 2021 (National Percentile Rank 99), Hawaii Pacific Health 2021

Excellence in Publication Award, Straub Medical Center, Hawaii Pacific Health 2021

**Maureen Chang, MD** – *Division of Community Pediatrics*

Letters of Thank-you and Recognition from Patients and Administration

**Rupert Chang, MD** – *Division of Pediatric Intensive Care*

Best Doctors National Database

**Jennifer Di Rocco, DO** – *Division of Pediatric Hospitalist Medicine*

Best Medical Student Preceptor Teaching Award

**Marissa Fakaosita, MD** – *Division of Pediatric Hospitalist Medicine*

University of Hawaii JABSOM Dept of Pediatrics 2021 Residency Faculty Teaching Award

**Pia Francisco-Natanauan, MD** – *Division of Community Pediatrics*

Honolulu Top Doctor 2021, 2022

Exemplary Women in Medicine 2021, 2022

**Paul Eakin, MD** – *Pediatric Emergency Medicine*

ER Attending Outstanding Teaching Award for 3<sup>rd</sup> year rotation

**John Jaime Harrington, MD** – *Division of Pediatric Intensive Care*

2022 Best PICU Attending Teaching Award for outstanding teaching to medical students at JABSOM/UH

**Travis Hong, MD** – *Division of Pediatric Emergency Medicine*

Alpha Omega Alpha Honor Society, Faculty Inductee

**Jessica Kosut, MD** – *Division of Pediatric Hospitalist Medicine*

University of Hawaii JABSOM Dept of Pediatrics Faculty Best Preceptor Teaching Award

**Wade Kyono, MD** – *Division of Pediatric Hematology-Oncology*

Honolulu Magazine's Top Doctors – Pediatric Hematology-Oncology 2022

Pacific Business News – Best Doctors in America 2017-2022

**Rhiana Lau, MD** – *Division of Pediatric Specialty (Nephrology)*

Castle Connolly Top Doctor (Honolulu Magazine)

Hawaii Pacific Health Hawaii's Best Physicians 2021 Award

**Jannet Lee-Jayaram, MD** – *Division of Pediatric Emergency Medicine*

Excellence in Medical Education Award in Personal Health and Wellness

**Kyra Len, MD** – *Division of Pediatric Hospitalist Medicine*

2022 University of Hawaii at Manoa John A. Burns School of Medicine John M. Hardman, MD, Award for Mentoring in Teaching (nominated and selected by medical students)

2022 University of Hawaii at Manoa Board of Regents' Medal for Excellence in Teaching Award (One of 6 faculty selected for University of Hawaii for Board of Regents Teaching Award)

**James Lin, MD** – *Division of Pediatric Hospitalist Medicine*

Healthcare Executive of the Year 2022 – HIMSS Hawaii-Alaska Chapter

**Maya Maxym, MD** – *Division of Pediatric Hospitalist Medicine*

MESIG Excellence in Medical Education Award for Population and Community Health

**Charles Neal, MD** – *Division of Neonatology*

Honolulu Magazine Top Doctors 2015-2022

**Loren Yamamoto, MD** – *Division of Pediatric Emergency Medicine*

Honolulu Magazine Best Doctors in Hawaii Award 2010, 2011, 2012, 2013, 2014

American's Best Doctors Award 2016

American Academy of Pediatrics (AAP Martha Bushore-Fallis Advanced Pediatric Life Support (APLS) Award, 2018





# Publications & Presentations



## DIVISION OF COMMUNITY PEDIATRICS

**Publications:**

1. **Francisco-Natanauan P**, Leatherman-Arkus N, Pantell RH. Chlamydia and Gonorrhea Prevalence and Treatment in Detained Youths: Strategies for Improvement. *J Adolesc Health*. 2021 Jan;68(1):65-70. doi: 10.1016/j.jadohealth.2020.09.041. Epub 2020 Nov 9.
2. **Francisco-Natanauan, P**, Kiyohara, A. "The Hawai'i Community CSE Project: A comprehensive Education Program through JABSOM's Medical Lens." *Hawai'i Journal of Health and Social Welfare*. Pp 198-200
3. **Limm-Chan B**, Wesseling-Perry K, Pearl MH, et al. Associations among erythropoietic, iron-related, and FGF23 parameters in pediatric kidney transplant recipients. *Pediatr Nephrol*. 2021;36(10):3241-3249. doi:10.1007/s00467-021-05081-0
4. Mohanty, N., Padilla, R., Leo, M. C., Tilmon, S., Akhabue, E., Rittner, S. S., Crawford, P., **Okihiro, M.**, & Persell, S. D. (2021). Disparities in Elevated Body Mass Index in Youth Receiving Care at Community Health Centers. *Family & community health*, 44(4), 238–244. <https://doi.org/10.1097/FCH.0000000000000307>
5. Pallansch J, Milam C, Ham K, **Morgan P**, Manning J, Salzman J, Kopec K, Lewis M. Intimate Partner Violence, Sexual Assault, and Child Abuse Resource Utilization During COVID-19. *West J Emerg Med*. 2022 Jul 11;23(4):589-596. doi: 10.5811/westjem.2022.4.55582.PMID: 35980406
6. Shaw JL, Semmens E, **Okihiro M**, Lewis JL, Hirschfeld M, VanWagoner TM, Stephens L, Easa D, Ross JL, Graham N, Watson SE, Szyld EG, Dillard DA, Pyles LA, Darden PM, Carlson JC, Smith PG, McCulloh RJ, Snowden JN, Adeky SH, Singleton R. Best Practices for Conducting Clinical Trials With Indigenous Children in the United States. *Am J Public Health*. 2021 Sep;111(9):1645-1653. doi: 10.2105/AJPH.2021.306372. Epub 2021 Aug 26.
7. Uchima O, Taira DA, Ahn HJ, Choi SY, **Okihiro M**, Sentell T. Disparities in Potentially Preventable Emergency Department Visits for Children with Asthma among Asian Americans, Pacific Islanders, and Whites in Hawai'i. *Int J Environ Res Public Health*. 2021;18(13):7096. Published 2021 Jul 2. doi:10.3390/ijerph18137096
8. Uchima OK, Garcia BK, Agustin ML, **Okihiro MM**. Insights in Public Health: Ask the Keiki: Perceived Factors that Affect Asthma Among Adolescents from the Wai'anae Coast Using Photovoice. *Hawaii J Health Soc Welf*. 2021;80(9):222-229.
9. Juarez R, Phankitnirundorn K, **Okihiro M**, Maunakea AK. Opposing Role of Trust as a Modifier of COVID-19 Vaccine Uptake in an Indigenous Population. *Vaccines (Basel)*. 2022;10(6):968. Published 2022 Jun 17. doi:10.3390/vaccines10060968
10. Juarez R, Kang Z, **Okihiro M**, Garcia BK, Phankitnirundorn K, Maunakea AK. Dynamics of Trust and Consumption of COVID-19 Information Implicate a Mechanism for COVID-19 Vaccine and Booster Uptake. *Vaccines*. 2022; 10(9):1435. <https://doi.org/10.3390/vaccines10091435>

**Book Chapters:**

1. **Francisco-Natanauan, P**. Adolescent Medicine. *Case Based Pediatrics for Medical Students and Residents*. 3<sup>rd</sup> ed. University of Hawaii John. A Burns School of Medicine. 2022.

**Presentations:**

1. **Francisco-Natanauan, P**. "Adolescent Privacy." Queen's Medical Center West Oahu, Department of Pediatrics. Honolulu, HI. November 30, 2021.
2. **Francisco-Natanauan, P**. "Common Complaints in Young Women's Health." University of Hawai'i Pediatric Residents' Academic Half Day Series. March 2, 2022
3. **Francisco-Natanauan, P.**, Kwon, R.J. "Nutritional rehabilitation outcomes in hospitalized children, adolescent and young adult patients with eating disorders," University of Hawaii JABSOM Biomedical Symposium Abstract Poster Presentation, Honolulu, Hawaii. April 2022
4. **Francisco-Natanauan, P.**, Lindsey-Dudley, K., Adair-Leland, J. Presenter, "Eating Disorders: the Signs and the Science." Hawaii Academy of Nutrition and Dietetics Conference. Honolulu, Hawaii. May 23, 2022



5. **Francisco-Natanauan, P.** “The Trans, the Athlete, the Adolescent. A Discussion on the Adolescent Transgender Athlete.” Hawai’i Sports Medicine Summit 2022. Honolulu, Hawaii. June 4, 2022
6. **Francisco-Natanauan, P.** “Beyond Irregular Menses. Menstrual Patterns in Adolescents with Nutritional Insufficiency.” University of Hawai’i OBGYN Residents’ Weekly Educational Conference. July 27, 2022
7. **Okamoto, J.** Developmental Delay, What Comes Next: Finding Your Stride. With DOE administrator Verna Chinen. 2021 SPIN Conference. October 23, 2021
8. **Okamoto, J.** Autism Spectrum Disorder. Leadership in Disabilities & Achievement of Hawai’i (LDAH) Parent Café. December 2, 2021
9. **Okiihiro, M.** “Empowering Schools as Community Assets to Mitigate the Adverse Impacts of COVID-19.” NIH RADx-UP Scientific Meeting. October 21, 2021
10. **Okiihiro, M,** Juarez J, Maunakea A. “Pacific Alliance for COVID-19 (PAAC) Empowering Schools as Community Assets to Mitigate the Adverse Impacts of COVID-19.” NIH Return to School Program Phase II Kickoff presentation. July 14, 2021



## DIVISION OF NEONATAL-PERINATAL MEDICINE

**Publications:**

1. Buchanan C, **Kuo S**, Minton L, Lee MJ, Choi SY, Soon R. Neonatal Hypoxic Ischemic Encephalopathy and Planned Home Birth. *J Midwifery Womens Health*. 2022;67(1):69-74. doi:10.1111/jmwh.13309
2. Camerota M, Graw S, Everson TM, McGowan EC, Hofheimer JA, O'Shea TM, Carter BS, Helderman JB, Check J, **Neal CR**, Pastyrnak SL, Smith LM, Dansereau LM, DellaGrotta SA, Marsit CJ, Lester BM. Prenatal risk factors and neonatal DNA methylation in very preterm infants. *Clin Epigenetics*. 2021;13(1):171. Published 2021 Sep 10. doi:10.1186/s13148-021-01164-9
3. Camerota, M, McGowan EC, Hofheimer JA, O'Shea TM, Carter BS, Helderman JB, Check J, **Neal CR**, Pastyrnak SL, Smith LM, Loncar CM, Sheinkopf SJ, Dansereau LM, DellaGrotta SA, Lester BM. Neurodevelopmental profiles of infants born <30 weeks gestation at 2 years of age. *Pediatr Res*. 2022;91(6):1579-1586. doi:10.1038/s41390-021-01871-2
4. Dargaville PA, Kamlin COF, Orsini F, ... **Kuo S**, et al. Effect of Minimally Invasive Surfactant Therapy vs Sham Treatment on Death or Bronchopulmonary Dysplasia in Preterm Infants With Respiratory Distress Syndrome: The OPTIMIST-A Randomized Clinical Trial. *JAMA*. 2021;326(24):2478-2487. doi:10.1001/jama.2021.21892
5. Graw S, Camerota M, Carter BS, Helderman J, Hofheimer JA, McGowan EC, **Neal CR**, Pastyrnak SL, Smith LM, DellaGrotta SA, Dansereau LM, Padbury JF, O'Shea M, Lester BM, Marsit CJ, Everson TM. NEOage clocks - epigenetic clocks to estimate post-menstrual and postnatal age in preterm infants. *Aging (Albany NY)*. 2021;13(20):23527-23544. doi:10.18632/aging.203637
6. Helderman J, O'Shea TM, Dansereau L, Check J, Hofheimer JA, Smith LM, McGowan E, **Neal CR**, Carter BS, Pastyrnak SL, Betz B, Junewick J, Borders HL, DellaGrotta SA, Lester BM. Association of Abnormal Findings on Neonatal Cranial Ultrasound With Neurobehavior at Neonatal Intensive Care Unit Discharge in Infants Born Before 30 Weeks' Gestation. *JAMA Netw Open*. 2022 Apr 1;5(4):e226561. doi: 10.1001/jamanetworkopen.2022.6561.
7. Kamaka ML, Watkins-Victorino L, Lee A, Freitas SM, **Ramsey KW**, Quint J, Ku TL, Nishizaki K, Kaholokula JK. Addressing Native Hawaiian and Pacific Islander Data Deficiencies Through a Community-based Collaborative Response to the COVID-19 Pandemic. *Hawaii J Health Soc Welf*. 2021 Oct;80(10 Suppl 2):36-45.
8. Kawamura MY, Kimata C, **Wong Ramsey K**. Racial Disparities in Breastmilk Receipt and Extremely Low Gestational Age Neonatal Morbidities in an Asian Pacific Islander Population. *J Racial Ethn Health Disparities*. 2022 Mar 16. doi: 10.1007/s40615-022-01283-w. Epub ahead of print. PMID: 35297496.
9. McGowan EC, Hofheimer JA, O'Shea TM, Kilbride H, Carter BS, Check J, Helderman J, **Neal CR**, Pastyrnak S, Smith LM, Camerota M, Dansereau LM, Della Grotta SA, Lester BM (2022) Analysis of Neonatal Neurobehavior and Developmental Outcomes Among Preterm Infants. *JAMA Net Open*. 5:e222249. doi: 10.1001/jamanetworkopen.2022.22249. PMID: 35849396.
10. Nosavan NP, Smith LM, Dansereau LM, Roberts MB, Hofheimer JA, Carter BS, Helderman JB, McGowan EC, **Neal CR**, Pastyrnak S, Della Grotta SA, O'Shea TM, Lester BM. Associations between maternal pre-pregnancy body mass index and neonatal neurobehavior in infants born before 30 weeks gestation. *J Perinatol*. 2022 Apr;42(4):483-490. doi: 10.1038/s41372-021-01308-y.
11. **Ramsey KW**, Beckwith N, Heathcock L, Myers T, **Balaraman V**. Advocating For a Culture of Support for Lactating Medical Residents in Hawai'i. *Hawaii J Health Soc Welf*. 2021 Dec;80(12):304-306.
11. Wood JR, Halonen NR, Bear KA, Campbell CE, Wilhelm PA, **Kling ERE**, Rooks, VJ. Fingertip ultrasound evaluation of umbilical catheter position in the neonatal intensive care unit compared to conventional ultrasound radiography: a preliminary investigation. *J Perinatol*. 2021;41(7):1627-1632. doi:10.1038/s41372-020-00836-3

**Book Chapters:**

1. **Wong Ramsey K**, Wada R. (2022) Infants of Diabetic Mothers. *Case Based Pediatrics for Medical Students and Residents*. (3<sup>rd</sup> ed. Chapter III.10.). University of Hawaii John A. Burns School of Medicine. Department of Pediatrics.

**Abstracts/Posters:**

1. Nishida M, **Iwamoto L**. Quality improvement program to increase family centered and team based care in the Neonatal Intensive Care Unit. John A. Burns School of Medicine Biomedical Sciences and Health Disparities Symposium April 2022.
2. Lee KJ, Hwang M, Iwamoto LM. Earlier screening echocardiogram for patent ductus arteriosus in extremely preterm infants results in increased medical and surgical treatment. Pediatric Academic Society annual meeting, April 2022



## **Presentations:**

1. Lee KJ, Hwang M, **Iwamoto LM**. Earlier screening echocardiogram for patent ductus arteriosus in extremely preterm infants results in increased medical and surgical treatment. Pediatric Academic Society annual meeting, April 2022
2. Nishida M, **Iwamoto L**. Quality improvement program to increase family centered and team based care in the Neonatal Intensive Care Unit. John A. Burns School of Medicine Biomedical Sciences and Health Disparities Symposium April 2022.
3. **Wong Ramsey, K**. Infants at Risk for NOWS in Hawaii. Hawaii Addictions Conference.
4. **Wong Ramsey, K**. "Ask a Kauka". Multiple Online webinars.
5. **Wong Ramsey, K**. Conversations with National Council of Asian and Pacific Islander Physicians. Invited panelist.





## DIVISION OF PEDIATRIC EMERGENCY MEDICINE

**Publications:**

1. Abe K, **Yamamoto LG**. Association Between Rail Systems and Total/Child Traffic Fatality Rates. *SVOA Paediatrics* 2022;1(2):55-62.
2. Akamine Y, Imafuku R, Saiki T, **Lee-Jayaram J**, Berg BW, Suzuki Y, Physicians' perceptions of followership in resuscitation in Japan and the USA: a qualitative study, *BMJ Open* 2021;11(8):e047860. doi: 10.1136/bmjopen-2020-047860
3. Grief MM, Ueno MA, **Yamamoto LG**. Summary of Parenting Resource Recommendations for Children's Media Use. *SVOA Paediatrics*. 2022;1(1);01-09. <https://sciencevolks.com/paediatrics/pdf/SVOA-PD-01-001.pdf>
4. Jujo S, **Lee-Jayaram J**, Nakahira A, Sakka B, Kataoka A, Izumo M, Kusunose K, Athinartrattanapong N, Berg, BW, The American Society of Echocardiography cardiac point-of-care ultrasound curriculum for pre-clinical medical students: a pilot and feasibility study, *Pilot and Feasibility Studies* 7(1):175. doi: 10.1186/s40814-021-00910-3. PMID: 34521479
5. Lau TWS, Lim AR, Len KA, **Yamamoto LG**. Chest Compression Efficacy of Child Resuscitators. *Journal of Paramedic Practice* 2021;13(11):448-455. <https://www.paramedicpractice.com/features/article/chest-compression-efficacy-of-child-resuscitators>
6. Lum E, Abey K, Sommer-Candelario S, Delossantos S, Choi S, **Lee-Jayaram J**, Emergency Pediatric Intubations in an Urban Children's Hospital Before and After Just-in-Time Training for Video Laryngoscopy, *Cureus*. 2021 Nov 25;13(11):e19892. doi: 10.7759/cureus.19892. PMID: 34976504; PMCID: PMC8712208
7. Murata MA, **Yamamoto LG**. Single Versus Double-Sided Hypotheses and Probabilities. *Pediatric Emergency Care*. 2021;37(7):386-388. doi: 10.1097/PEC.0000000000002477.
8. Oikawa S, Berg BW, **Lee-Jayaram J**, An international, culturally adaptive faculty development fellowship for simulation educators, *Medical Teacher* 43(8): 914-915, doi: 10.1080/0142159X.2021.1929905
9. Rhodes KL, Nagamine I, Masutani SM, **Yamamoto LG**. Effects of Environmental and Mechanical Variations on Particle Size Distribution of Albuterol HFA Inhalers. *Respiratory Care*. 2021;66(10):1588- 1592. doi: 10.4187/respcare.08858
10. Shiosaki J, **Yamamoto LG**. What are parents reading about the sunscreen controversy? *Pediatric Dermatology*. 2022;39(5):epub ahead of print: doi.org/10.1111/pde.15016
11. Sumibcay TJ, **Lee-Jayaram JJ**, **Yamamoto LG**. Reducing Broad-Spectrum Antibiotic Treatment of Simple Group A Streptococcal Infections to Reduce Harm to the Microbiome. *Cureus*. 2021;13(6):e15629. DOI: 10.7759/cureus.15629
12. Tsuha MM, Liu MS, Hori KS, **Yamamoto LG**. Prevalence of Concussions and Chronic Headaches in Female Collegiate Athletes. *Journal of Women's Sports Medicine*. 2022;2(1):30-40. <https://doi.org/10.53646/jwsm.v2i1.14>
13. Yang I, **Yamamoto L**. Redesigning the Door Reduces the Potential for Finger Injuries in Children. *American Journal of Pediatrics*. 2021;7(1):34-38. doi: 10.11648/j.ajp.20210701.18

**Book Chapters:**

1. Donoghue A, Nagler J, **Yamamoto LG**. Chapter 3 Airway. In: Shaw KN, Bachur RG (eds). *Fleisher & Ludwig's Textbook of Pediatric Emergency Medicine*, 8th ed. Philadelphia, PA: Lippincott Williams & Wilkins, 2021.

**Abstracts/Posters:**

1. Abe K, **Yamamoto L**. Correlation of rail systems with lower traffic fatality rates. *Journal of Investigative Medicine* 2021;69(1):223. <http://dx.doi.org/10.1136/jim-2021-WRMC>
2. Shiosaki J, **Yamamoto L**. What are parents reading about the sunscreen controversy? *Journal of Investigative Medicine* 2021;69(1):132. <http://dx.doi.org/10.1136/jim-2021-WRMC>
3. Yang I, **Yamamoto L**. Redesigning the door reduces the potential for finger injuries in children. *Journal of Investigative Medicine* 2021;69(1):144. <http://dx.doi.org/10.1136/jim-2021-WRMC>



## Presentations:

1. Abe K, **Yamamoto LG**. Contribution of Rail systems to Decrease Traffic Fatalities in Children. Presented at the Western Student and Resident Medical Research Forum (virtual meeting due to COVID- 19) in Carmel, CA, January 2021. Presented by Keisuke Abe, MD
2. Anderson K, Park J, Berg BW, **Lee-Jayaram J**, Sato E, Eto Y, Kahili-Heede M, A Scoping Review on the Effect of Remote Facilitation on Learning Outcomes during Simulation-based Healthcare Education. Presented at the International Meeting for Simulation in Healthcare, Los Angeles, CA
3. Chun IKH, Villanueva NC, Fujiwara AS, Leibovitch ER, Yamamoto BE, **Yamamoto LG**. Impact Force Differences on Natural Grass Versus Synthetic Turf Football Fields. Accepted for presentation at the 2022 American Academy of Pediatrics National Conference and Exhibition Council on Sports Medicine and Fitness. Anaheim, CA. Oct 2022. To be presented by Ian Chun.
4. Dutta A, Anderson K, Goya K, Matsumoto M, Len K, **Yamamoto LG**. Pediatric Door-Related Finger Injuries: Investigation of a Problem. Presented at the Academic Pediatric Association Regions 9 & 10 Meeting. Virtual poster presentation, January 29, 2022. Presented by Anirban Dutta and Krystal Anderson.
5. **Eakin, P**. Pediatric intranasal medications and Pediatric lumbar puncture: Tips for the TAP. 4<sup>th</sup> Annual Trauma and Stroke Symposium. Saint Francis Hospital. Tulsa, Oklahoma. September 16, 2021
6. **Eakin, P**. Pediatric upper extremity injuries. Center for Emergency Medicine Education. Canton, Ohio. Recorded in Phoenix, Arizona. May 28, 2022
7. **Eakin, P**. Pediatric lower extremity injuries. Center for Emergency Medicine Education. Canton, Ohio. Recorded in Phoenix, Arizona. May 28, 2022
8. **Eakin, P**. Pediatric pain management. Center for Emergency Medicine Education. Canton, Ohio. Recorded in Phoenix, Arizona. May 28, 2022
9. **Eakin, P**. Can't miss pediatric skin condition. Center for Emergency Medicine Education. Canton, Ohio. Recorded in Phoenix, Arizona. May 28, 2022
10. Eto Y, **Lee-Jayaram J**, Berg BW, Creating an Effective Instructional Video – A Model Debriefing Video for Non-English Speakers. Presented virtually at the Health Professions Education Conference, University of Hawaii
11. Eto Y, Ouchi G, Oikawa S, Sato E, **Lee-Jayaram J**, Berg BW, COVID adaptation of an Established International Faculty Development Course – A Blended Model. Presented at the International Meeting for Simulation in Healthcare, Los Angeles, CA
12. Hollister BMA, Wong DJ, Yamamoto BE, **Yamamoto LG**. Softer foam in bicycle helmets reduces the impact force in a simulation model. . Accepted for presentation at the 2022 American Academy of Pediatrics National Conference and Exhibition Council on Injury, Violence, and Poison Prevention. Anaheim, CA. Oct 2022. To be presented by Brianna Hollister.
13. Huang J, Goya K, **Yamamoto LG**. Comparing Impact and Concussion Risk in Leatherhead, Modern Football, and Hockey Helmets. Presented at the American Academy of Pediatrics National Conference and Exhibition Council on Sports Medicine and Fitness, Philadelphia, PA. Virtual poster presentation, October 2021. Presented by Jaxon Huang and Kellie Goya.
14. Huang JJ, Goya K, Chun IC, Yamamoto BE, **Yamamoto LG**. Comparing Impact and Concussion Risk in Leatherhead and Modern Football and Hockey Helmets. Presented at the Pediatric Academic Societies Meeting. Denver, CO. April 2022. Presented by Alyssa Fujiwara.
15. **Lee-Jayaram J**, Berg BW, O'Donnell J, Benedict N, Smitten J. Professional Culture and Consideration for Interprofessional Debriefing. Workshop at the International Meeting for Simulation in Healthcare, Los Angeles, CA.
16. **Lee-Jayaram J**, Berg BW, Phrampus P. Alpha and Beta Testing of Scenarios: Best Practices. Workshop at the International Meeting for Simulation in Healthcare, Los Angeles, CA.
17. **Lee-Jayaram J**, Berg BW. Rater Training: Practical Techniques and Common Biases, Workshop at the International Meeting for Simulation in Healthcare, Los Angeles, CA
18. Leibovitch ER, Fujiwara AS, Chun IC, Villanueva NC, Yamamoto BE, **Yammaoto LG**. Ibuprofen dosing. Presented at the Pediatric Academic Societies Meeting. Denver, CO. April 2022. Presented by Alyssa Fujiwara.
19. Mooney L, Ramos A, Teramae T, Kato J, Goya KN, **Yamamoto LG**. Frequency of Negative Spectator Behavior at Youth Sporting Events. Accepted for presentation at the 2022 American Academy of Pediatrics National Conference and Exhibition Council on Sports Medicine and Fitness. Anaheim, CA. Oct 2022. To be presented by Lauren Mooney.



20. Murata MA, **Yamamoto LG**. Patient/Parent Administered Epinephrine in Acute Anaphylaxis. Presented at the Western Student and Resident Medical Research Forum (virtual meeting due to COVID- 19) in Carmel, CA, January 2021. Presented by Michelle Murata.
21. Murata MA, **Yamamoto LG**. Patient/Parent Administered Epinephrine in Acute Anaphylaxis. Presented at the Midwest Clinical and Translational Research Meeting CSCTR and MWAfMR (virtual meeting due to COVID-19), April 2021. Presented by Michelle Murata.
22. Murata MA, **Yamamoto LG**. Single versus Double-Sided Hypotheses and Probabilities. Presented at the Pediatric Academic Societies 2021 Virtual Meeting, Vancouver, BC, May 2021. Presented by Michelle Murata.
23. Sato E, Eto Y, Nakahira A, Ouchi G, **Lee-Jayaram J**, Berg BW, Harmonization of Cultural Differences in Translating the Promoting Excellence and Reflective Learning in Simulation (PEARLS) Debriefing Tool for Japan. Presented virtually at the Health Professions Education Conference, University of Hawaii
24. Noel E, Mizuo B, **Yamamoto LG**, Len KA. Effect of the COVID-19 Pandemic on Medical Students' Pediatric Shelf Scores, Clerkship Grades and Step 2 Exam Scores. Presented at the Council on Medical Student Education in Pediatrics (COMSEP) meeting. Cincinnati, OH, April 2022. Presented by Erika Noel.
25. Noel E, **Yamamoto LG**, Mizuo B, Len KA. Effect of the COVID-19 Pandemic on Medical Students' Pediatric Shelf Scores, Clerkship Grades, OSCE Scores, and Step 2 Exam Scores. Presented at the Pediatric Academic Societies Meeting. Denver, CO. April 2022. Presented by Erika Noel.
26. Sato E, Eto Y, Nakahira A, Ouchi G, **Lee-Jayaram J**, Berg BW, Harmonization of Cultural Differences in Translating the Promoting Excellence and Reflective Learning in Simulation (PEARLS) Debriefing Tool for Japan. Presented at the International Meeting for Simulation in Healthcare, Los Angeles, CA
27. Settle A, Peric A, Morihara C, **Yamamoto L**. The Effect of Real-Time Continuous Hemoglobin on the Time to Massive Transfusion Protocol Initiation. Presented at the Pediatric Academic Societies 2021 Virtual Meeting, Vancouver, BC, May 2021. Presented by Alexander Settle.
28. Shiosaki J, **Yamamoto LG**. What are Parents Reading about the Sunscreen Controversy? Presented at the Western Student and Resident Medical Research Forum (virtual meeting due to COVID-19) in Carmel, CA, January 2021. Presented by Jessica Shiosaki.
29. Tanji CM, **Yamamoto LG**. Frequency of Acute Leukemia in Pediatric Patients with Bell Palsy. Presented at the Western Medical Research Conference. Oral virtual presentation, Carmel, CA, January 2022. Presented by Caitlin Tanji.
30. Park J, Anderson K, Berg BW, **Lee-Jayaram J**, Sato E, Eto Y, Kahili-Heede M, A Scoping Review on the Effect of Remote Facilitation on Learning Outcomes during Simulation-based Healthcare Education. Presented virtually at the Health Professions Education Conference, University of Hawaii
31. Villanueva NC, Chun IKH, Fujiwara AS, Leibovitch ER, Yamamoto BE, **Yamamoto LG**. Impact Force Differences on Natural Grass Versus Synthetic Turf Football Fields. Accepted for presentation at the 2022 Joint Conference on Brain Injury. Internationalbrain.org New York, NY. Sep 2022. To be presented by Nathan Villanueva
32. **Yamamoto LG**. 33rd Annual Spring Conference on Pediatrics. Conference Co-Chair. Presentations on Pediatric Bowel Obstruction, Extremity X-rays and Splinting, Enhancing Your Office Practice, Incredible ED and Hospital Cases Referred From Clinics & Offices. Symposia Medicus, Waikiki, Hawaii, April 2022.
33. Yang I, **Yamamoto LG**. Redesigning the Door Reduces the Potential for Finger Injuries in Children. Presented at the Western Student and Resident Medical Research Forum (virtual meeting due to COVID- 19) in Carmel, CA, January 2021. Presented by Ivan Yang.
34. Yang I, **Yamamoto LG**. Redesigning the door reduces the potential for finger injuries in children. Presented at the Pediatric Academic Societies 2021 Virtual Meeting, Vancouver, BC, May 2021. Presented by Ivan Yang.



## DIVISION OF PEDIATRIC HEMATOLOGY AND ONCOLOGY

**Publications:**

1. Abe K, Dowsett L, **Wada R, Hutchins K**. A Pediatric Case of Acute Myeloid Leukemia with *KMT2A* Gene Rearrangement t (10;11) and 16p11.2 Microdeletion Syndrome. *Pediatr Blood Cancer* 68:e28764, 2021.
2. Bansal N, Joshi C, Adams MJ, **Hutchins K**, Ray A, Lipshultz SE. Cardiotoxicity in pediatric lymphoma survivors. *Expert Rev Cardiovasc Ther* 2021; 19(11):957-974.
3. Byron SA, Hendricks WPD, Nagulapally AB, Kraveka JM, Ferguson WS, Brown VI, Eslin DE, Mitchell D, Cornelius A, Roberts W, Isakoff MS, Oesterheld JE, **Wada RK**, Rawwas J, Neville K, Zage PE, Harrod VL, Bergendahl G, VanSickle E, Dykema K, Bond J, Chou HC, Wei JS, Wen X, Reardon HV, Roos A, Nasser S, Izatt T, Enriquez D, Hegde AM, Cisneros F, Christofferson A, Turner B, Szelinger S, Keats JJ, Halperin RF, Khan J, Saulnier Sholler GL, Trent JM. Genomic and transcriptomic analysis of relapsed and refractory childhood solid tumors reveals a diverse molecular landscape and mechanisms of immune evasion. *Cancer Res* 81:5818-5832, 2021.
4. Kraveka J, Lewis E, Bergendahl G, Ferguson W, Oesterheld Javier, Kim E, Nagulapally A, Dykema K, Brown V, Roberts W, Mitchell D, Eslin, Hanson D, Isakoff M, **Wada R**, Harrod V, Rawwas J, Hanna G, Hendricks W, Byron S, Snuderl M, Serrano J, Trent J, Saulnier Sholler G. A pilot study of genomic-guided induction therapy followed by immunotherapy with DFMO maintenance for high-risk neuroblastoma. *Cancer Rep* Mar 31:e1616, 2022. Epub ahead of print.
5. Kuwada G, Murakami A, **Glaser DW**, Ingraham SE, Purohit PJ. Mothball Ingestion in the Setting of G6PD Deficiency Causing Severe Hemolytic Anemia, Methemoglobinemia, and Multiple Organ Failure in a Toddler. *Hawaii J Health Soc Welf* 81:3-5, 2022.
6. MacKenzie TC, Amid A, Angastiniotis M, Butler C, Gilbert S, Gonzalez J, Keller RL, Kharbanda S, Kirby-Allen M, Koenig BA, **Kyono W**, Lal A, Lianoglou BR, Norton ME, Ogasawara KK, Panchalee T, Rosner M, Schwab M, Thompson A, Waye JS, Vichinsky E. Consensus statement for the perinatal management of patients with  $\alpha$  thalassemia major. *Blood Adv*. 2021 Dec 28;5(24):5636-5639. doi: 10.1182/bloodadvances.2021005916.
7. Mittal N, Langevin AM, **Kyono W**, Dickens DS, Grimes A, Salsman JM, Pollock BH, Roth M. Barriers to Pediatric Oncologist Enrollment of Adolescents and Young Adults on a Cross-Network National Clinical Trials Network Supportive Care Cancer Clinical Trial. *J Adolesc Young Adult Oncol*. 2022 Feb;11(1):117-121. doi: 10.1089/jayao.2021.0041.
8. **Si SJ**, Tasian SK, Bassiri H, et al. Diagnostic Challenges in Pediatric Hemophagocytic Lymphohistiocytosis. *J Clin Immunol*. 2021;41(6):1213-1218. doi:10.1007/s10875-021-01025-3

**Abstracts/Posters:**

1. Beaman A, Liao L, Hirata T, Abe J, Wilkens L, Winestone L, Hermiston M, Woo R, **Si SJ**. Racial and ethnic disparities in pediatric cancer incidence among children and adolescents in Hawai'i from 1990 to 2014. *Accepted to SIOP 2022 conference*.
2. **Si SJ**, Mcnerney K, Vatsayan A, Dreyzin A, Baggott C, Prabhu S, Pacenta H, Phillips C, Rossoff J, Stefanski H, Talano J, Moskop A, Margossian S, Verneris M, Myers D, Karras N, Brown P, Qayed M, Hermiston M, Satwani P, Krupski C, Keating A, Wilox R, Rabik C, Baumeister S, Fabrizio V, Chinnabhandar V, Goksenin Y, Curran K, Mackall C, Laetsch T, Schultz L. Chimeric Antigen Receptor (CAR)-associated Hemophagocytic Lymphohistiocytosis (HLH) with use of commercial Tisagenlecleucel in the Pediatric Real World CAR Consortium (PRWCC): Risk Factors and Outcomes. Oral Presentation, American Society for Transplantation and Cellular Therapy (ASTCT) Late Breaking Abstract. Salt Lake City, Utah, 2022.
3. Oesterheld JE, Bergendahl G, Berry DA, Lorenzi E, Clinch T, Kraveka JM, Ferguson W, Brown VI, Eslin D, Hanson D, Harrod VL, Isakoff M, Mitchell D, **Wada R**, Zage PE, Saulnier Sholler GL. Matched external control analysis of event-free survival (EFS) in patients with high-risk neuroblastoma (HRNB) receiving eflornithine (DFMO) maintenance. *J Clin Oncol* 40:16 suppl, 10010, 2022.
4. Prueksapraopong C, **Lim S**, Dowsett L, **Hutchins K, Okimoto K, Kyono W, Glaser D, Wada R**. Haploidentical SCT with post-transplant cyclophosphamide from a carrier donor for XLP-disease. American Society of Pediatric Hematology/Oncology Annual Meeting, Poster Session #540, in *Pediatr Blood Cancer*. 69 (Suppl 2):S200-201, 2022.



## Presentations:

1. Kyono, W. Pediatric Oncology Research Update. Hawaii Society of Clinical Oncology Annual Meeting 2022. Honolulu, HI. November 2022
2. Kyono, W. NCORP Session. Children's Oncology Group Fall 2022 Meeting. New Orleans, La. September 2022
3. Kyono, W. Diversity and Health Disparities Session. Children's Oncology Group Fall 2022 Meeting. New Orleans, LA. September 2022
4. Kyono, W. Diversity and Health Disparities Session. Children's Oncology Group Spring 2022 Meeting. New Orleans, LA. April 2022
5. Kyono, W. NCORP Session. Children's Oncology Group Spring 2022 Meeting. Virtual. April 2022
6. Kyono, W. Hawaii Update. International Society of Paediatric Oncology (SIOP) Oceania – Australian & New Zealand Childrens Haematology/Oncology Group (ANZCHOG) Workshop. Sydney, Australia. July 2022
7. Oesterheld JE, Bergendahl G, Berry DA, Lorenzi E, Clinch T, Kravaka JM, Ferguson W, Brown VI, Eslin D, Hanson D, Harrod VL, Isakoff M, Mitchell D, **Wada R**, Zage PE, Laulnier Sholler GL. Matched external control analysis of event-free survival (EFS) in patients with high-risk neuroblastoma (HRNB) receiving eflornithine (DFMO) maintenance. Poster Discussion Session, American Society of Clinical Oncology (ASCO). Chicago, Illinois, J Clin Oncol 40:16 suppl, 10010, 2022.
8. Prueksapraopong C, **Lim S**, Dowsett L, **Hutchins K**, **Okimoto K**, **Kyono W**, **Glaser D**, **Wada R**. Haploidentical SCT with post transplant cyclophosphamide from a carrier donor for XLP-1 disease. American Society of Pediatric Hematology/Oncology Annual Meeting, Poster Session #540, in Pediatr Blood Cancer 69 (Suppl 2):S200-201, 2022.
9. Vandris P, Chao K, Baggott C, Phillips C, Qayed M, Rossoff J, **Si SJ**, Winestone L, Mackall C, Curran K, Laetsch T, Schultz L. Outcomes of Hispanic and non-Hispanic white pediatric and young adult patients with B-cell acute lymphoblastic leukemia after commercial tisagenlecleucel. Poster Presentation, American Society of Clinical Oncology (ASCO). Chicago, Illinois, 2022.



## DIVISION OF PEDIATRIC HOSPITALIST MEDICINE

**Publications:**

1. Annett RD, Bickel S, Carlson JC, Cowan K, Cox S, Fisher MJ, Jarvis JD, Kong AS, **Kosut JS**, Kulbeth KR, Laptook A, McElfish PA, McNally MM, Pachter LM, Pahud BA, Pyles LA, Shaw J, Simonsen K, Snowden J, Turley CB, Atz AM. Capacity Building for a New Multicenter Network Within the ECHO IDeA States Pediatric Clinical Trials Network. *Front Pediatr*. 2021 Jul 14;9:679516. doi: 10.3389/fped.2021.679516.
2. Brennan M, Allard B, **Kosut J**. Fever and Gait Disturbance in a 9-year-old Boy. *Pediatr Rev*. 2022 May 1;43(5):285-287. doi: 10.1542/pir.2020-003236.
3. **Di Rocco J.R.**, Kimata C., Barat M., Kodama S. Paediatric resident workflow observations in a community based hospital. *British Medical Journal of Open Quality*. 2022 Mar;11(1):e001607. doi:10.1136/bmjoq2021-001607
4. Lau, T.W.S., Lim, A., **Len, K.A.**, Yamamoto, L.G. (2021). Chest compression efficacy of child resuscitators. *Journal of Paramedic Practice*, 13(11), 332-339.
5. Liu, J., **Di Rocco, J.**, **Kosut, J**. Recurrent abdominal pain in a 7-year-old boy. *Clinical Pediatrics*, April 2022. <https://doi.org/10.1177/00099228221083262>
6. Saringkarisate, K, **Len, K.A.**, Melish, M.E., Prothero, B.K., Ching, N. (2022) Vaccine-Strain Varicella Virus Transmitted to a Term Infant Following Maternal Postpartum Vaccination. *J. Pediatric Infect Dis Soc*, Epub ahead of print. PMID: 35751531.

**Presentations:**

1. Asato, C.B.H., Siu-Li, N.J., Gozun, M.M.N., Wong, V.S., **Len, K.A.** (2021 October 15-16) Perspectives in Food Insecurity: Exploring Food Options Withing Hawai'i's Moku. Learning Community Institute 18<sup>th</sup> Annual Conference. Virtual National Conference October 2021 (Poster Presentation).
2. Asato, C., Siu-Li, N., Gozun, M., Wong, V., **Len, K.** (2022 Feb 12) Got Food? Food Accessibility Across Oahu's Moku. Health Professions Education Conference (HPEC), Honolulu, HI. (Poster Presentation)
3. **Di Rocco, J.**, **Fakaosita, M.**, Kimata, C., **Len, K.** Impact of the COVID-19 Pandemic on Pediatric Resident Medical Education at Kapiolani Medical Center for Women and Children. Health Professions Education Conference, John A. Burns School of Medicine, Honolulu, HI, February 12, 2022. (Oral Abstract Presentation)
4. **Di Rocco, J.**, **Fakaosita, M.**, Kimata, C., French, G., **Len, K.** Impact of the COVID-19 Pandemic on Pediatric Resident Medical Education at Kapiolani Medical Center for Women and Children. Association of Pediatric Program Directors' National Spring Meeting, San Diego, CA, May 17-18, 2022. (Poster Presentation)
5. **Di Rocco, J.**, French, G., Kurahara, D., Heathcock, L. Goal-Directed Learning: A Lifeline for Promoting Resilience in Health Professions Education. Health Professions Education Conference, John A. Burns School of Medicine, Honolulu, HI, February 12, 2022. (Workshop Presentation)
6. Fujiwara, A., **Di Rocco, J.**, Kimata, C., Fakaosita, M., French, G., **Len, K.** Impact of COVID-19 Pandemic on Pediatric Medical Student Education. Pediatric Academic Societies Meeting, Denver, CO, April 22, 2022. (Oral and Poster Presentations)
7. Gavero, G., **Len, K.**, **Di Rocco, J.** (2022 May 31). Time Out to Tune In: Reflections on Personal Time Management, Productivity and Balance. Ola Hawai'i Mentoring Bootcamp. John A. Burns School of Medicine, Honolulu, HI. (Workshop Presentation).
8. Gozun, M., Young, A., Siu-Li, N., Abe, J., **Len, K.**, Wong, V. (2022 Feb 12) Exploring the Physician & Healthcare Resource Shortage in Oahu's Moku. Health Professions Education Conference (HPEC), Honolulu, HI. (Poster Presentation)
9. Hong, T., **Len, K.**, **Mizuo, B.**, Begue, R. (2022 Feb 12) More Than Words: Communication Challenges in COVID19 Vaccine Hesitancy. Health Professions Education Conference (HPEC), Honolulu, HI. (Workshop Presentation)
10. Hong, T., **Mizuo, B.**, **Len, K.A.** (2021, Sept 29-Oct 1). MOC 101: Using the Pediatric Recertification Process to Help Create a Faculty Development Model for Volunteer Medical Student Preceptors. American Medical Association Change MedEd 2021 Meeting. Virtual National Meeting. September 2021. (Poster Presentation).
11. Ishida, L., Ip, C., **Len, K.**, (2022 Feb 12) Medical Student Preparatory Resource to Excel in Pediatrics: A Quality Improvement Project. Health Professions Education Conference (HPEC), Honolulu, HI. (Poster Presentation)



12. Ishida, L., Ip, C., **Len, K.A.** (2022 March 29-April 1) A Quality Improvement Project: Student Resources to Prepare for the Pediatric Clerkship. Council on Medical Student Education in Pediatrics (COMSEP) Meeting. Cincinnati, OH. March-April 2022. (Works in Progress Poster Presentation)
13. **Len, K.A.**, Asato, C.B.H., Kamaka, M., Wong, V.S. (2021 October 15-16) Competence + Compassion + Connection = Learning Communities. Learning Community Institute 18th Annual Conference. Virtual National Conference October 2021 (Workshop Presentation).
14. Noel E, **Mizuo B**, Yamamoto LG, **Len KA**. Effect of the COVID-19 Pandemic on Medical Students' Pediatric Shelf Scores, Clerkship Grades and Step 2 Exam Scores. Presented at the Council on Medical Student Education in Pediatrics (COMSEP) meeting. Cincinnati, OH, April 2022.
15. Noel E, Yamamoto LG, **Mizuo B**, **Len KA**. Effect of the COVID-19 Pandemic on Medical Students' Pediatric Shelf Scores, Clerkship Grades, OSCE Scores, and Step 2 Exam Scores. Presented at the Pediatric Academic Societies Meeting. Denver, CO. April 2022.
16. Palting, R., Ching, N., Bégué, R., Kurahara, D., Melish, M., **Di Rocco, J.**, Yamamoto, K., Jensen, J., Purohit, P. Multiorgan failure and hyperinflammation: a rare diagnosis of MIS-C by SARS-CoV2 Spike antibody. Society of Critical Care Medicine, 51st Critical Care Congress, San Juan, Puerto Rico, February 6-9, 2022. (Platform Presentation)
17. Tamamoto, K.A., Rousslang, N.D., Wong, V.S., **Len, K.A.** (2021, Oct 15-16). Student-led Panel to Promote Student Wellness and Foster Longitudinal Peer Relationships. Learning Community Institute 18<sup>th</sup> Annual Conference. Virtual National Meeting October 2021. (Poster Presentation).
18. Wong, V.S., Kamaka, M., **Len, K.A.** (2021, Sept 29- Oct 1). Moku Connections; JABSOM's Learning Community Program. American Medical Association Change MedEd 2021 Meeting. Virtual National Meeting. September 2021. (Poster Presentation).



## DIVISION OF PEDIATRIC INTENSIVE CARE

**Publications:**

1. Knight L, Pahud BA, Scheffler M, Euteneuer JC, Allen C, Ross J, Ali W, Meyer M, **Purohit PJ**, Zimmerman KO, Sullivan JE; Environmental Influences on Child Health Outcomes (ECHO) Institutional Development Award (IDeA) States Pediatric Clinical Trials Network. Capacity Building in a New Clinical Trials Network through Inter-Network Collaboration. *J Pediatr.* 2022 Jan;240:5-8. doi: 10.1016/j.jpeds.2021.04.062.
2. Kuwada G, Murakami A, Glaser DW, Ingraham SE, **Purohit PJ**. Mothball Ingestion in the Setting of G6PD Deficiency Causing Severe Hemolytic Anemia, Methemoglobinemia, and Multiple Organ Failure in a Toddler. *Hawaii J Health Soc Welf.* 2022 Jan;81(1):3-5.
3. Taylor L, Kimata C, Siu AM, Andrews SN, **Purohit P**, Yamauchi M, Bratincsak A, Woo R, Nakasone CK, Lim SY. Osteoporosis treatment rates after hip fracture 2011-2019 in Hawaii: Undertreatment of men after hip fractures. *Osteoporos Sarcopenia.* 2021 Sep;7(3):103-109. doi: 10.1016/j.afos.2021.08.002.

**Presentations:**

1. **Tanaka, L.** History of ECMO in Hawaii, ECMO in Hawaii: Caring for Our Ohana Conference, Hawaii Pacific Health, Honolulu, Hawaii. April 2022
2. **Tanaka, L.** Section on Simulation and Innovative Learning Methods Program, Clinical Event Debriefing: How-To Guide, American Academy of Pediatrics Experience 2021 Virtual National Conference & Exhibition, October 2021





## DIVISION OF PEDIATRIC SPECIALTY

**Publications:**

1. Abe K, Casamina C, **Ching N, Abe KK, Melish M**, Thompson KS, Asim AA, Purohit PJ. A rare etiology for ascending paralysis in an infant. *Journal of Pediatric Infectious Diseases Society*. 2022; piac048. <https://doi.org/10.1093/jpids/piac048>
2. Abolfazli M, Host-Madsen A, Zhang J, **Bratincsak A**. Graph compression with application to model selection. arXiv. 2021:2110.00701.
3. Abolfazli M, Host-Madsen A, Zhang J, **Bratincsak A**. Out-of-distribution detection using BiGAN and MDL. arXiv. 2022:2206.01851.
4. Aljohani OA, Mackie D, **Bratincsak A**, Bradley JS, Perry JC. Spectrum of Viral Pathogens Identified in Children with Clinical Myocarditis (Pre-Coronavirus Disease-2019, 2000-2018): Etiologic Agent Versus Innocent Bystander. *J Pediatr*. 2022 Mar;242:18-24. doi: 10.1016/j.jpeds.2021.11.011.
5. Ansdell V, Kramer KJ, McMillan JK, Gosnell WL, Murphy GS, Meyer BC, Blalock EU Yates J, Ltief L, Smith OA, **Melish ME**. Guidelines for the diagnosis and treatment of neuroangiostrongyliasis: Updated recommendations. *Parasitology*. 2021; 148:227-233.
6. Bernhardt I, Glamuzina E, **Dowsett L**, Webster D, Knoll D, Carpenter K, Bennett MJ, Maeda M, Wilson C. Genotype-phenotype correlations in CPT1a deficiency detected by newborn screening in Pacific populations. *JIMD Reports*, 1-8. January 2022. doi:10.1002/jmd2.12271
7. **Bratincsak A**, Hong TM, **Melish ME**. Acute adult-onset Kawasaki disease complicated by coronary artery aneurysms, thrombosis, and ST segment elevation myocardial infarction. *JACC Case Reports*. 2021;10:276-279.
8. Burney JA, DeHaan LL, Shimizu C, Bainto EV, Newburger JW, DeBiasi RL, Dominguez SR, Portman MA, **Melish M, Bratincsak A**, Fabi M, Corinaldesi E, Yu JJ, Gee P, Kitano N, Tremoulet AH, Cayan DR, Burns JC; Kawasaki Disease Climate Study Group. Temporal clustering of Kawasaki disease cases around the world. *Scientific Reports*. 2021 Nov 19;11(1):22584. doi: 10.1038/s41598-021-01961-5.
9. Fu Y, Hu L, Ren HW, Zuo Y, Chen S, Zhang QS, Shao C, Ma Y, Wu L, Hao JJ, Wang CZ, Wang Z, **Yanagihara R**, Deng Y. Prognostic factors for COVID-19 hospitalized patients with preexisting type 2 diabetes. *International Journal of Endocrinology*. 2022 Jan 17;2022:9322332. doi: 10.1155/2022/9322332. eCollection 2022.
10. Fukuda A, Katz AR, Park IU, Komeya AU, Chang A, **Ching N**, Tomas JE, Wasserman GM. Congenital syphilis: A case report demonstrating missed opportunities for screening and inadequate treatment despite multiple health care encounters during pregnancy. *Sexually Transmitted Diseases*. 2021 Sep 1;48(9):e124-e125.
11. Grand K, Skraban CM, Cohen JL, **Dowsett L**, Mazzola S, Tarpinian J, Bedoukian E, Nesbitt A, Denenberg B, Lulis L, Santani A, Zackai EH, Deardorff MA. Nonlethal presentations of CYP26B1-related skeletal anomalies and multiple synostoses syndrome. *Am J Med Genet A*. 2021 Sep;185(9):2766-2775. doi: 10.1002/ajmg.a.62387.
12. **Jayaraman S**, Koenig S, Fiddler M, Simi E, Goldenberg A, Magasi S, Wicklund C. Prenatal genetic counselors' perceptions of the impact of abortion legislation on counseling and access in the United States. *J Genet Couns*. 2021 Dec;30(6):1671-1682. doi: 10.1002/jgc4.1433.
13. Kikuchi F, Senoo K, Arai S, Tsuchiya K, Son NT, Motokawa M, Ranoroosa MC, Bawm S, Lin KS, Suzuki H, Unno A, Nakata K, Harada M, Tanaka-Taya K, Morikawa S, Suzuki M, Mizutani T, **Yanagihara R**. Rodent-borne orthohantaviruses in Vietnam, Madagascar and Japan. *Viruses*. 2021 Jul 12;13(7):1343. doi: 10.3390/v13071343.
14. Kuwada G, Murakami A, Glaser DW, **Ingraham SE**, Purohit PJ. Mothball Ingestion in the Setting of G6PD Deficiency Causing Severe Hemolytic Anemia, Methemoglobinemia, and Multiple Organ Failure in a Toddler. *Hawaii J Health Soc Welf*. 2022 Jan;81(1):3-5. PMID: 35028588
15. Muff-Luett M, Sanderson KR, Engen RM, Zahr RS, Wenderfer SE, Tran CL, Sharma S, Cai Y, **Ingraham S**, Winnicki E, Weaver DJ, Hunley TE, Kiessling SG, Seamon M, Woroniecki R, Miyashita Y, Xiao N, Omoloja AA, Kizilbash SJ, Mansuri A, Kallash M, Yu Y, Sherman AK, Srivastava T, Nester CM. Eculizumab exposure in children and young adults: indications, practice patterns, and outcomes-a Pediatric Nephrology Research Consortium study. *Pediatr Nephrol*. 2021 Aug;36(8):2349-2360. doi: 10.1007/s00467-021-04965-5.
16. Narasimhan S and **Lau R**. NICU baby listed as "Self-Pay": You've got to be kidding! *American College of Physician Advisors Newsletter*. Jan 2022.



17. Park J, Brekke DR, **Bratincsak A**. Self-limited myocarditis presenting with chest pain and ST segment elevation in adolescents after vaccination with the BNT162b2 mRNA vaccine. *Cardiol Young*. 2022 Jan;32(1):146-149. doi: 10.1017/S1047951121002547.
18. Pinto NM, LuAnn Minich L, Yoo M, Floyd A, Wilkes J, VanDerslice J, **Yamauchi M**, Nelson R. Influence of Geographic Access on Surgical Center Readmissions After Index Congenital Heart Surgery. *J Pediatr*. 2021 Jul;234:195-204.e3. doi: 10.1016/j.jpeds.2021.03.026.
19. Ofili, E.O., Sarpong, D., **Yanagihara, R.**, Tchounwou, P.B., Fernández-Repollet, E., Malouhi, M., Lawson, K., Spring, N.H., Idris, M.Y., and Rivers, B.: The Research Centers in Minority Institutions (RCMI) consortium: A blueprint for inclusive excellence. *International Journal of Environmental Research and Public Health* 18, 6848, 2021. PMID: PMC8296926. <https://doi.org/10.3390/ijerph18136848>
20. Omorodion J, **Dowsett L**, Clark R, Fraser J, Abu-El-Haija A, Wojcik M, Bryant A, Gold, N. Delayed Diagnosis and Racial Bias in Children with Genetic Conditions. *ACMG Part A, 1-6*, December 2021. <https://doi.org/10.1002/ajmg.a.62626>
21. Taylor L, Kimata C, Siu AM, Andrews SN, Purohit P, **Yamauchi M**, **Bratincsak A**, Woo R, Nakasone CK, Lim SY. Osteoporosis treatment rates after hip fracture 2011-2019 in Hawaii: Undertreatment of men after hip fractures. *Osteoporos Sarcopenia*. 2021 Sep;7(3):103-109. doi: 10.1016/j.afos.2021.08.002.
22. Tsai WY, Ching LL, Hsieh SC, **Melish ME**, Nerurkar VR, Wang WK. A real-time and high throughput neutralization test based on SARS-CoV-2 pseudovirus containing monomeric infrared fluorescent protein as reporter. *Emerging Microbes & Infections*. 2021;10:894-904.
23. Saringkarisate K, Len KA. **Melish ME**, **Prothero B**, **Ching N**. Vaccine-strain varicella virus transmitted to a term infant following maternal postpartum vaccination *Journal of Pediatric Infectious Diseases Society* 2022; piac050. <https://doi.org/10.1093/jpids/piac050>
24. Yashina LN, Abramov SA, Zhigalin AV, Smetannikova NA, Dupal TA, Krivopalov AV, Kikuchi F, Senoo K, Arai S, Mizutani T, Suzuki M, Cook JA, **Yanagihara R**. Geographic distribution and phylogeny of soricine shrew-borne Seewis virus and Altai virus in Russia. *Viruses*. 2021 Jul 1;13(7):1286. doi: 10.3390/v13071286.
25. Yashina LN, Panov VV, Abramov SA, Smetannikova NA, Luchnikova EM, Dupal TA, Krivopalov AV, Arai S, **Yanagihara R**. Academ virus, a novel hantavirus in the Siberian mole (*Talpa altaica*) from Russia. *Viruses*. 2022 Feb 2;14(2):309. doi: 10.3390/v14020309.

## **Book Chapters:**

1. Henehan MJ, Gibson M, Fulmer C, Ghuman M, eds. **Coel RA**. (Associate Editor) *Best Practices in Sports Medicine: AMSSM and AOASM Case Studies, 2<sup>nd</sup> Edition*. Healthy Learning: Monterey, CA, 2022.
2. **King Jennifer**. Contributor, *Pediatric Orthopedics and Sports Medicine: A Quick Reference Guide*, Editors: John F. Sarwark, MD, FAAP, FAAOS and Cynthia R. LaBella, MD, FAAP, FAMSSM, 3rd ed., American Academy of Pediatrics, October 1, 2021.
3. **Yamamoto K**. Best Practices in Sports Medicine AMSSM and AOASM Case Studies, 2nd edition. M Henehan, M Gibson, C Fulmer and M Ghuman. Contributed expert comment paragraph to "A peculiar case of chronic ankle and wrist pain in a 7-year-old youth football player.

## **Abstracts/Posters:**

1. **Dowsett L**. A Noonan-like phenotype due to a PIEZO1 variant in a Polynesian patient with congenital hydrops. Poster presentation accepted to the David W. Smith Annual Workshop, Skamania, WA. September 13, 2021.
2. Lim M, Hooten K, **Dowsett L**, Hutchins K, Wada R. A child with hemophagocytic lymphohistiocytosis and suspected X-Linked lymphoproliferative disease associated with c.131G>A variant of uncertain significance involving the SH2D1A gene. Poster presentation accepted to the 53<sup>rd</sup> Congress of the International Society of Paediatric Oncology. Virtual presentation October 2021.
3. Palting R, **Ching N**, **Bégué R**, **Kurahara D**, **Melish M**, Di Rocco J, **Yamamoto K**, **Jensen J**, Purohit P. Multiorgan failure and hyperinflammation: A rare diagnosis of MIS-C by SARS-COV-2 spike antibody. *Soc of Crit Care Medicine*. Jan 2022.50(1).188
4. Prueksapraopong C, Lim S, **Dowsett L**, Hutchins K, Okimoto K, Kyono W, Glaser D, Wada R. Haploidentical SCT with post-transplant cyclophosphamide from a carrier donor for XLP-disease. American Society of Pediatric Hematology/Oncology Annual Meeting, Poster Session #540, in *Pediatr Blood Cancer*. 69 (Suppl 2):S200-201, 2022.



## Presentations:

1. **Abe K.** "Seizures? Epilepsy? Or Not?" Kapi'olani Medical Center for Women and Children, Dept of Pediatrics Grand Rounds. Dec 9, 2021.
2. **Almeida P.** "Pediatric Complex Care Clinic – Who, What, Where and How." Hawai'i Chapter NAPNAP, 2021.
3. **Almeida P.** "Trachs, Caths and Gtubes – Care Taught to Families". Home Care Nursing Community Education, 2022.
4. **Bégué R.** "Pregnant and Having a Baby During COVID-19". Kapi'olani Medical Center for Women and Children, Dept of Pediatrics Grand Rounds. Sept 9, 2021.
5. **Bratincsak A.** "Congenital Heart Center." Kapi'olani Medical Center for Women and Children, Dept of Pediatrics Grand Rounds. Feb 10, 2022.
6. **Bratincsak, A.** Atrial Septal Defects, Echocardiogram Analysis. Cardiology Imaging Education Series, Hawaii Pacific Health. Honolulu, HI. 2021 and 2022
7. **Bratincsak, A.** Myocarditis Associated with COVID-19 Vaccine. CME Conference (Grand Rounds), Department of Pediatrics, John A. Burns School of Medicine. Honolulu, HI. 2021
8. **Bratincsak, A.** Syncope... I guess? Faculty Supervisor for CME Conference (Grand Rounds), Department of Pediatrics, John A. Burns School of Medicine. Honolulu, HI. 2022
9. **Bratincsak, A.** Electrocardiogram – A widespread clinical application awaiting an engineering breakthrough. Department of Electrical & Computer Engineering, College of Engineering. University of Hawaii at Manoa. Honolulu, HI. 2022
10. **Brekke D.** "The Skinny on Cholesterol." Kapi'olani Medical Center for Women and Children, Dept of Pediatrics Grand Rounds. July 5, 2021.
11. **Cunanan J.** "Turner Syndrome." Kapi'olani Medical Center for Women and Children, Dept of Pediatrics Grand Rounds. Sept 16, 2021.
12. **Dowsett L.** "Improving the Diagnostic Odyssey in Rare Disease Patients." Kapi'olani Medical Center for Women and Children, Dept of Pediatrics Grand Rounds. May 5, 2022.
13. **Fraga Lovejoy C.** "Back to Basics - Constipation. Poop - The Final Frontier." Kapi'olani Medical Center for Women and Children, Dept of Pediatrics Grand Rounds. Jan 27, 2022.
14. Kikuchi, F., Senoo, K., Oba, M., Hayashi, A., Yamada, K., Nguyen, S.T., Vuong, T.T., Shinohara, A., Kamiya, H., Morikawa, S., Suzuki, M., Maeda, K., **Yanagihara, R.**, Mizutani, T., and Arai, S.: Molecular phylogeny of bat-borne gammaherpesviruses in Vietnam [abstract no. 45]. In: 3rd International Infectious
15. Diseases of Bats Symposium, Fort Collins, Colorado, July 24-27, 2022, pp. 30-31.
16. **King Jennifer.** "She throws like a girl...you better back up." Kapi'olani Medical Center for Women and Children, Dept of Pediatrics Grand Rounds. April 28, 2022.
17. Kyono M and **Ching N.** "Various Presentations of COVID-19 in Pediatric Patients". Kapi'olani Medical Center for Women and Children, Dept of Pediatrics Grand Rounds. May 12, 2022.
18. **Lau R** and Sasaki J. "Pediatric Nephrotoxic Acute Kidney Injury Quality Initiative". Kapi'olani Medical Center for Women and Children, Dept of Pediatrics Grand Rounds. Feb 24, 2022.
19. **Lau R** and Sasaki J. "Pediatric Nephrotoxic Acute Kidney Injury Quality Initiative". Hawai'i Pacific Health Getting Stuff Done Conference. April 26, 2022.
20. **Lynch C.** "The Preparticipation Physical Evaluation and Return to Play in the time of COVID". Pali Momi Grand Rounds. Oct 4, 2021.
21. Mizuo B and **Melish M.** "Thank You, Next – How Next Generation Sequencing is Revolutionizing the Way We Diagnose Infection." Kapi'olani Medical Center for Women and Children, Dept of Pediatrics Grand Rounds. Oct 28, 2021.
22. Quinsell M, **Almeida P**, and **Yamamoto K.** "Developing a Process for Assessing Family Experience at a Pediatric Complex Care Clinic in Hawai'i." American Public Health Association Annual Meeting, 2021.
23. **Wu B.** "EVALI (E-cigarette/Vaping Associated Lung Injury)". Kapi'olani Medical Center for Women and Children, Dept of Pediatrics Grand Rounds. April 7, 2022.
24. **Yamamoto K.** "Management & Health Maintenance for Children With Rheumatologic Conditions – Challenges & Lessons Learned In Living with COVID-19". Kapi'olani Medical Center for Women and Children, Dept of Pediatrics Grand Rounds. Dec 23, 2021.
25. **Zagustin T.** "Supporting Walk and Roll in All Children." Kapi'olani Medical Center for Women and Children, Dept of Pediatrics Grand Rounds. April 21, 2022.

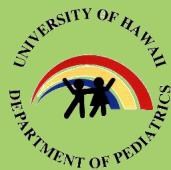
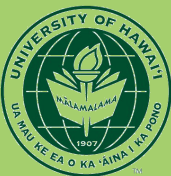


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Department of Pediatrics 2021-2022 Annual Report  
John A. Burns School of Medicine  
The University of Hawaii



No Na Keiki ‘O Hawai’i  
“For the Sake of the Children of Hawai’i”



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