

DEPARTMENT OF PEDIATRICS
John A. Burns School of Medicine
University of Hawai'i



2018-2019 ANNUAL REPORT



Kenneth T. Nakamura, M.D., C.M.O.

Professor and Department Chair



(<https://www.hdrinc.com/portfolio/kapiolani-medical-center-women-children-diamond-head-tower>)

Cover photo published in UH Med Now: Jan 25, 2014

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. The Medical School campus moved from the grounds of UH, Manoa to Kakaako in 2005 and has a Medical Education Building and adjacent Basic Science Building. All of the Clinical Science Departments 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 Chair, Department of Pediatrics



Our faculty, residents and staff are pleased to share our 2018-2019 annual report of the Department of Pediatrics, University of Hawaii, John A. Burns School of Medicine. As the landscape of practice and payment transformation evolves, concomitant changes in medical education, discovery in research, and education about “how” to practice are essential as we continuously re-think and re-design our practices.

“Every system is perfectly designed to produce the results it gets.”
– Paul Batalden, MD

We remain steadfast however, through these changes, in our promise to educate pediatricians for the next generation. By doing so, we will provide the physician workforce for our state, participate actively in scientific discovery and quality improvement, and partner with all entities involved in pediatric services. Collectively, this provides the best care for all children in our state. This caring is being employed broadly and in alignment with the John A. Burns School of Medicine’s (JABSOM) vision of ALOHA: Attain Lasting Optimal Health for All and Hawai‘i Pacific Health’s (HPH, the health care system that houses our program) mission “to create a healthier Hawai‘i”. This mission and vision are our mission and vision. Health vs health care, health equity, addressing disparities and needs outside of the traditional health care system, are all part of our kuleana.

As the academic arm of our community’s pediatric system of care, we know we must contribute to the science of practice and to narrow the gap between what is known in science and what is practiced. This is one of the ways we develop and maintain the trust of our community.

Hawaii is consistently rated by Gallup, Inc as one of the top states in the nation for well-being. In part, the strong sense of connectivity, including family and community found here provides social connectedness that promotes well-being. We embrace our community and learn from our patients and families by listening to their stories.

The core of our department remains 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 possible. Finally, my personal gratitude and mahalo is extended to Dr. Venkataraman Balaraman, who volunteered to take over the editorship of this year’s report.

Kenneth T. Nakamura, M.D., CMO
Professor & Chair

Editor's Note

Our Department has undergone significant change in personnel in the past six months which has delayed the publishing of our Annual Report. I take this opportunity to recognize Karen Akiyama who has collated this document for all the years that I have been the Vice-Chair of the Department. Further, I would also like to thank all the individuals who worked on providing the updates and information that is compiled together in this document. The goal of this Annual Report is to share departmental endeavors and achievements and is broadly divided into Divisional reports, Residency Program highlights, Medical Student activities, Special departmental areas such as Research, Global Health, Maintenance of Certification activities and our non-compensated and compensated clinical faculty roster and honors and achievements.

I would like to thank our student assistants Kai Mason and Kiana Alejandro-Cazimero along with Gaile Yano who provided immense assistance in putting together this final product.

I certainly welcome any input you may have to make this document more meaningful in the future. So please do not hesitate to reach out to me with your feedback.

Venkataraman Balaraman, MBBS

Editor and Vice-Chair

venkatar@hawaii.edu

Compensated & Non-Compensated Clinical Faculty Rosters



UNIVERSITY OF HAWAII
JOHN A. BURNS SCHOOL OF MEDICINE
DEPARTMENT OF PEDIATRICS



Kenneth I. Nakamura, MD, CMO
Professor & Chair



Venkataraman Balaraman, MB, BS
Associate Professor
& Vice Chair



Bruce I. Shiramizu, MD
Professor
&
Associate Chair of
Research



Loren G. Yamamoto, MD, MPH, MBA
Professor
&
Associate Chair of Finance

PROFESSORS



Rodney B. Boychuk, MD
Emergency Medicine



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



Marian E. Melish, MD *
Infectious Diseases



James E. Musgrave, MD
Nephrology



Charles Neal, MD, PhD *
Neonatal-Perinatal Medicine



Damidi V. Reddy, MB, BS, MPH
Cardiology



Kaul Rudoy, MD, MPH
Professor Emeritus
Infectious Diseases



Calvin C.J. Sia, MD
Ambulatory Pediatrics



Robert W. Wilkinson, MD
Hematology/Oncology



Richard I. Yanagihara, MD, MPH
Infectious Diseases

* Division Chief



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 ASSOCIATE PROFESSORS



David K. Kurahara, MD
 Associate Professor & Residency Program Director
 Rheumatology



Gina M. French, MD*
 Ambulatory Pediatrics



Alson S. Inaba, MD
 Emergency Medicine



Lynn M. Iwamoto, MD
 Neonatal-Perinatal Medicine



Shilpa J. Patel, MD
 Hospitalist



Randal K. Wada, MD *
 Hematology/Oncology
 Cancer Research Center



Robert Wallerstein, MD
 Medical Genetics

* Division Chief



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ASSISTANT PROFESSORS



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



Keith Abe, MD
 Neurology



Bridget Allard, D.O
 Hospitalist



Teresa M. Bane-Terakubo, MD
 Ambulatory Pediatrics



Maureen O.J. Chang, MD
 Ambulatory Pediatrics



Rupert K.S. Chang, MD
 Critical Care Medicine



Selina S.P. Chen, MD, MPH
 Hospitalist



Diane P. Ching, MD
 Hospitalist



Natascha Ching, MD
 Infectious Diseases



Tiffany Coleman-Satterfield, MD
 Emergency Medicine



Peter Di Rocco, MD
 Emergency Medicine



Megan Doty, MD
 Neonatal-Perinatal Med



Paul J. Eakin, MD *
 Emergency Medicine



Marissa Fakaosa, MD
 Hospitalist



Andrew K. Feng, MD
 Critical Care Medicine



Pia Francisco-Natanauan, MD
 Adolescent Medicine



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ASSISTANT PROFESSORS



Francisco J. Garcia, MD
 Emergency Medicine



Darryl W. Glaser, MD
 Hematology/Oncology



John J. Harrington, III, MD*
 Critical Care Medicine



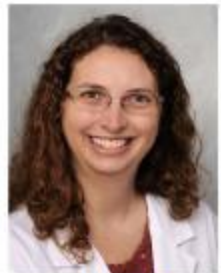
Carol Hirai, MD
 Neonatal-Perinatal Med



Travis Hong, MD
 Emergency Medicine



Surabhi Jain, MD
 Neonatal-Perinatal Med



Jasmin Jensen, MD
 Hematology/Oncology



Jennifer R. King, DO
 Sports Medicine



Jeremy L. King, DO
 Gastroenterology



Jessica S. Kosut, MD*
 Hospitalist



Sheree Kuo, MD
 Neonatal-Perinatal Med



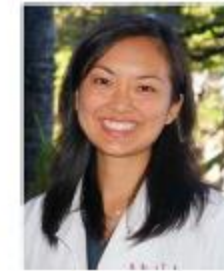
Mae S.I. Kyono, MD
 Ambulatory Pediatrics



Wade T. Kyono, MD
 Hematology/Oncology



Rhiana Lau, MD*
 Nephrology



Jannet J. Lee-Jayaram, MD
 Emergency Medicine



Kyra A. Len, MD
 Hospitalist



James C. Lin, MD
 Hospitalist



Maya Maxym, MD
 Hospitalist



Desiree Medeiros, MD
 Hematology/Oncology



Joan Meister, MD
 Ambulatory Pediatrics



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ASSISTANT PROFESSORS



**Barry M.
Mizuo, MD**
Hospitalist



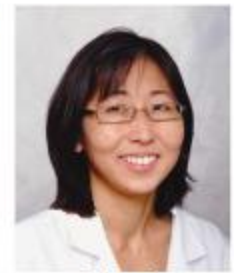
**Kayalvizhi
Natarajan, MD**
Ambulatory Pediatrics



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



Amanda O'Kelly, MD
Ambulatory Pediatrics



**Cheryl
Okado, MD**
Hospitalist



**Jeffrey K.
Okamoto, MD**
Dev/Behav Pediatrics



**May M.
Okihiro, MD, MS**
Ambulatory Pediatrics



**Gina
Ramirez, MD**
Hospitalist



**Masafumi
Sato, MD**
Emergency Medicine



**William
Shea, MD**
Hospitalist



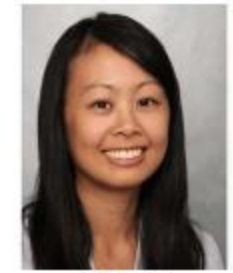
**Sneha L.
Sood, MD**
Neonatal-Perinatal Med



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



**Alicia
Turlington, MD**
Ambulatory Pediatrics



**Tiffany
Wang, MD**
Hospitalist



**Kara Wong
Ramsey, MD**
Neonatal



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



**Konstantine P.
Xoinis, MD**
Critical Care Medicine



**Kara S.
Yamamoto, MD***
Rheumatology



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



**Lynette L.
Young, MD**
Emergency Medicine



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INSTRUCTOR



**Hannah
Kinoshita, MB, BCh, BAO**
Medical Education

Pediatric Clinical Faculty 2018-2019

Clinical Professors

Melinda Ashton	Keith Matsumoto	Reinhold Penner	Beatriz Rodriguez	Lynn Yanagihara
Gregory Dever	Wallace J. Matthews Jr.	Ellen Raney	Kenn Saruwatari	Stephen S. Yano
Anthony Guerrero	Ken Nagamori	Vijaya Reddy	Ronald Sutherland	
Christine Hara	Robert H Pantell	Kenneth Robbins	Mitsuaki Suzuki	

Associate Clinical Professors

Robert Anderson	Dominic Chow	Byron Izuka	Sada Okumura	Greg Uramoto
Kenneth Ash	Robert Durkin	Shigeko O. Lau	Linda Rosen-Debold	Vince Yamashiroya
Robert Bidwell	Vanessa Fidele	Christopher Mahnke	Michael Sia	Gregory Yim
Andras Bratincsak	Constance Hastings	Michon Morita	Lenh Anh Tran	Franklin S.H. Young
Galen Y.K. Chock	Ronald H. Hino	Patrick Murray	Indi Trehan	

Assistant Clinical Professors

Steven Acevedo	Ashley Cowan	Julie Ireland	Gail Nakaichi	Wesley Sugai
Toyin Ajose	Leo Damasco	Jon Ishii	James K. Nakamura	Brent Tamamoto
Richard E. Ando, Jr.	Joseph D'Angelo	Louise Iwaishi	Darrell Natori	Teri Tanaka
David Ansdell	Stephen Darling	Jeffrey Kam	Christopher Naun	Nadine Ten Salle
Vernon Azuma	Joseph Dela Cruz	Sadie Kim	Charles Nguyen	Stephen H. Tenby
Kris Baik	Irisa Devine	Claudine Kimura	Kristyn Nishimoto	Patrice Tim Sing
Frank Baum	Leah Dowsett	Emmanuel Kling	Russell T. Ogawa	Carol Titcomb
Susan E. Biffi	Kathleen Durante	Kevin Kon	Craig Ono	Tamara Todd
Jeffrey Bocchicchio	Jeremy Edwards	Douglas Kwock	Sarah Park	Jeffrey Tom
Eric Boorman	Brett Ferguson	Dana Lee	Lucio Pascua	Curtis Toma
Lee Brock	Kristin Fernandez	Eugene Lee	Jonathan Pellett	Stephanie Vann
Jason Brown	Ryan Flanagan	Jerome Lee	Colin Petko	Jasmine Waipa
William Brown	Derek Flores	Kit Shan Lee	Alicia Prescott	Michael Walter
Daniel Buehler	Edward Fong	Ryan Lee	Devin Puapong	Allan Wang
William Burkhalter	Camilla Fraga Lovejoy	David (Kawika) Liu	Josephine Quensell	Joseph Ward
Mark Burnett	David F. Fray	Felicitas Livaudais	Brittany Raffa	Norka I. Wilkinson
Miki Cain	Kim Fujinaga	Shelley Loui	Cherise Saito	Brian J. Wilson
Brigitte Carreau	Grace Galiza	Anna Lena Lueker	Vija Sehgal	Art Wong
Sean Carroll	Christopher Gibu	Amy Lumeng	Lisa Ann Shigemura	Rupa Wong
Caroline Chang	Meri M. Guillou	Christopher Lynch	Malia, Anne Lam	Russell Woo
Kelley Chinen Okimoto	Mitchell T. Hamale	Robin Lynch	Shimokawa	Robert D. Wotring II
Derek Ching	R. Michael Hamilton	Donna Mah	James Sim	Brian Wu
Dianne L. Ching	Antonio Hernandez	Ashley Maranich	Jonathan Sladky	David Young
Michael Ching	Justin Hino	Brent Matsumoto	Michale Sofer	Geri Young
Darrett Choy	Kelley Hutchins	Bryan Mih	Allyson Spence-	Tamara Zagustin
Rachel Coel	Yomna Ibrahim	John Misailidis	Shishido	
Jennifer Concepcion	Susan Ingraham	John Nagamine	Christopher Stefanelli	

Clinical Educators

Akshatha	Steven Kaplan	Alexandra Ramnath	John Walker
Kandie George	Kathleen Morimoto-	Brijit Reis	Jenny Welham
Peter Gregg	Nishioka	Jodie Toward	
Laura Hassen	Martin Piette	Anne Tran	
Richard Jack	Prashant Purohit	Michael Treece	

Adjunct Professors

Catherine Yamauchi
Mary Young
Yi Zuo

Adjunct Assistant Professors

Katherine Ratliffe

Adjunct Instructors

Pamela Almeida
Kimberly A. Clifton
Cheryl L. Griffith
Dana K. Ing
Leolinda Parlin
Randy Taniguchi
Tracie Ann Tjapkes

Divisional Reports

Community Pediatrics

Gina French, MD - Division Chief



Back Row (left to right): Brittany Raffa, MD; Yolanda Wu, MD; Brenda Nishikawa, MD; Maureen Chang, MD; Joan Meister, MD
Front Row (left to right): Jonathan Sladky, MD; Gina French, MD; Jeffrey Bocchiccho, MD; Diane Ching, MD

photo by: Karen Akiyama

Division Members:

Teresa M. Bane-Terakubo, MD
Jeffrey Bocchiccho, MD
Maureen O. J. Chang, MD
Pia Francisco-Natanauan, MD
Gina M. French, MD

Louise K. Iwaishi, MD
Joan Meister, MD
Kayalvizhi Natarajan, MD
Brenda M. Nishikawa, MD
Jeffrey K. Okamoto, MD
Amanda O'Kelly, MD
May M. Okihiro, MD

Alicia Turlington, MD
Mari Uehara, MD
Yolanda Wu, MD

Assistant Professor, Community Pediatrics
Kapi'olani Medical Specialist/Community Pediatrics
Assistant Professor, Community Pediatrics
Assistant Professor, Adolescent Medicine
Associate Professor, Associate Residency Program Director, and Division Chief,
Community Pediatrics/Developmental/Behavioral Pediatrics
Assistant Professor, Community Pediatrics/CSHCN
Assistant Professor, Community Pediatrics
Assistant Professor, Community Pediatrics
Assistant Professor, Community Pediatrics
Assistant Professor, Developmental/Behavioral Pediatrics
Assistant Professor, Community Pediatrics and Psychiatry
Assistant Professor, Community Pediatrics/Hawaii Initiative for
Childhood Obesity Research and Education
Assistant Professor, Community Pediatrics
Assistant Professor, Community Pediatrics/Developmental/Behavioral Pediatrics
Assistant Professor, Community Pediatrics

Division Overview

The 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.

Clinical Activities

The Division's clinical activities include the general and subspecialty care of children and families in the Kapi'olani Medical Center for Women & Children (KMCWC) newborn nursery, Kapi'olani Medical Specialists Clinics, Pediatric Outpatient Clinic and Kapi'olani Child Protection Center, and at the Queen Emma Clinics, Kokua Kalihi Valley Comprehensive Family Services, Family Court's Detention Center, and the Hawai'i Youth Correctional Facility. Division members care for about 70% of newborns delivered at KMCWC (roughly 2,500- 3,000 infants/year). Each year, about 12,000 children visit the Pediatric Outpatient Clinic for acute and Well Child Care.

Division members also provide ambulatory pediatric services at the Queen Emma Clinic and Kokua Kalihi Valley Health Center. In addition, the Division provides subspecialty services in developmental and behavioral pediatrics, adolescent medicine, child physical and sexual abuse, and pediatric consultative care for children hospitalized at Shriners Hospital and general pediatric expertise for Kapi'olani's multidisciplinary clinics including obesity treatment and craniofacial clinic.

Medical Education, Advocacy & Research

The Community Pediatrics Division is responsible for medical student, resident, nurse practitioner, and premedical education for the University of Hawai'i

Pediatric Residency Program's (UHPRP) Continuity of Care Primary Care Program, for interdisciplinary training thru its Health Resources and Services Administration (HRSA)-funded Maternal Child Health Leadership Education in Neurodevelopmental Disabilities (MCH LEND) Program. The MCH LEND Program, funded since 1994, is an interdisciplinary graduate training program for health professionals. Community Pediatric Division faculty, in addition to the Kapi'olani Medical Center Rehabilitation Department and University of Hawai'i Schools of Nursing and Dental Hygiene, Social Work, Psychology and Center for Disability Study, provide instruction through the year-long course. The MCH LEND Program has expanded its reach to training in Guam. Annual funding is approximately \$450,000.

Hawaii Institute for Childhood Obesity Research and Education (HICORE)

HICORE was developed in 2008, through generous funding from the Hawai'i Medical Service Association (HMSA) Foundation, to provide leadership for a collaborative, multi-disciplinary effort in research and education on childhood and adolescent obesity in Hawai'i. The goals of HICORE are: 1) to serve as a repository of childhood and adolescent obesity research projects conducted in Hawai'i; 2) to provide guidance to granting agencies and foundations regarding research priorities in the area of childhood and adolescent obesity for the state of Hawai'i; 3) to serve as a center for the education of community members, medical students, residents, physicians, and others in the area of childhood and adolescent obesity in Hawai'i; and 4) to conduct research on childhood and adolescent obesity relevant to people of Hawai'i. HICORE is collaborating with the Department of Health Healthy Hawai'i Initiative to provide a CME seminar on early childhood prevention to pediatric providers at community health centers. Although the current grant for HICORE has run out, Dr. May Okihira directs activities associated with the program. For more information, please go to: <http://www.hawaii5210.com>

2018-2019 Division Highlights

Division Chief, **Gina M. French, MD** is also Associate Program Director of the Pediatric Residency and the Medical Director of the Pediatric Outpatient Clinic at KMCWC and has a Pediatric Behavioral Clinic in the Pediatric Clinic that focuses on children with challenging behavioral conditions. She is the chair of the Newborn Standards of Excellence

Committee, serves on the EPIC Pediatric Committee and is chair of the Physician Assistance Committee. She is currently on the Board of Hawai'i Health Partners. She worked with residents this year to improve the rate of fluoride varnish for patients in our clinic and worked with the public library to increase the number of children in the clinic with library cards.

Teresa Bane-Terakubo, MD is the medical director at the Queen's Medical Center Pediatric Clinic and is responsible for the continuity curriculum there. She also works at the pediatric clinic at Kapi'olani Medical Center for Women & Children.

Jeffrey Bocchicchio, MD has been a joyful presence in the nursery. He was awarded the medical student teaching award for his work there.

Maureen Chang, MD coordinates the Reach Out and Read program for the Pediatric Outpatient Clinic. This program is an evidence-based illiteracy improvement program that provides free books and anticipatory guidance on reading to children to the families in our clinic.

Pia Francisco-Natanauan, MD provides clinical care to incarcerated youth at the Detention Center and the Hawai'i Youth Correctional Facility. In addition she provides consultative services to adolescents in the specialty center at Kapi'olani Medical Center for Women & Children. She has particular interest in eating disorders and contraceptive care.

Joan Meister, MD provides leadership in the Craniofacial Clinic and is renowned for her teaching in the nursery. She has received the medical student teaching award and resident teaching award in addition to the general consensus that "Joan is great".

Kayalvizhi Natarajan, MD teaches in the continuity clinic at Queen's Medical Center and provides services to sexually and physical abused children through the Kapi'olani Center for the Protection of Children and Sexual Abuse Treatment Center.

Brenda M. Nishikawa, MD in addition to her excellent care to a panel of medically fragile children at the clinic, coordinates the ambulatory pediatrics rotation. The rotation provides pediatric residents with a rich immersion experience in provision of care in the outpatient setting at Kapi'olani Pediatric Outpatient in

addition to exposing them to a wide array of services community services for children. There are several highly esteemed pediatricians in the community who decided to become pediatricians after meeting and working with Dr. Nishikawa. She has received the medical student outpatient teaching award.

Jeffrey K. Okamoto, MD is now full time in clinical developmental and behavioral pediatrics at KMCWC. He is on the Council Management Committee for the national American Academy of Pediatrics (AAP) and is the incoming Vice-President for the Hawai'i chapter of the AAP. The Special Parent Information Network honored him with the Professional of the Year award on April 21, 2018 in appreciation of his outstanding service to families of children with disabilities. He was presented with the Faculty Excellence of Preceptor Teaching Award by the JABSOM Department of Pediatrics on July 16, 2018 in recognition of his outstanding teaching of medical students.

May M. Okihiro, MD is continuing to study the development of metabolic syndrome in Native Hawaiian and Samoan youth (funded by the NIH/NCMHD and JABSOM Department of Native Hawaiian Health's Center for Native and Pacific Health Disparities. She published with her colleagues at Waianae Coast Comprehensive Health Center in the Hawai'i Medical Journal this year.

Alicia Turlington, MD provides pediatric care and training at Kokua Kalihi Valley Community Health Center. The Center has a unique program providing legal services for families obtaining care at the pediatric clinic. Dr. Turlington's particular interest is in providing integrated community based care for families living with the multiple burdens of poverty and inequity. She has provided innovative group well care at KKV.

Yolanda Wu, MD has been serving in an administrative role, managing the schedule and morale in addition to her clinical work in the clinic and at Shriner's. She has been providing community service as room mother to two classrooms in two schools is the assistant cubmaster in charge of activities and recently completed the Wood Badge.

Neonatal-Perinatal Medicine

Charles R. Neal, Jr., MD, PhD - Division Chief and Medical Director

Division Members:

Neonatologists:

Akshatha, MD	Kapi'olani Medical Specialists/Neonatologist
Kenneth M. Ash, MD	Associate Professor of Pediatrics
Venkataraman Balaraman, MBBS	Associate Professor of Pediatrics and Vice Chair
Megan Doty, MD	Assistant Professor of Pediatrics
Kandie George, MD	Kapi'olani Medical Specialists/Neonatologist
Chris Gibu, MD	Assistant Clinical Professor of Pediatrics
Carol Hirai, MD	Assistant Professor of Pediatrics
Lynn M. Iwamoto, MD	Associate Professor of Pediatrics
Richard Jack, MD	Kapi'olani Medical Specialists/Neonatologist
Surabhi Jain, MD	Assistant Professor of Pediatrics
Sheree Kuo, MD	Assistant Professor of Pediatrics
Charles R. Neal, MD, PhD	Professor of Pediatrics, Division Chief and Medical Director
Alexandra Ramnath, MD	Kapi'olani Medical Specialists/Neonatologist
Kara Wong Ramsey, MD	Assistant Clinical Professor of Pediatrics
Sneha L. Sood, MD	Assistant Professor of Pediatrics
Cherilyn Yee, MD	Assistant Clinical Professor of Pediatrics

Neonatal Hospitalists:

Stephanie Abe, MD
Sadie Kim, MD
Kent Kumashiro, MD
Jerome Lee, MD
Kit Shan Lee, MD
Annabelle Mateo, MD
Camnhung Nguyen, MD
Alyson Tamamoto, MD
Jasmine Waipa, MD

Neonatal Nurse Practitioners:

Kimberly Clifton, NNP
Lori Fairfax, RN, NNP
Cheryl Griffith, RN, NNP
Dana Ing, NNP
Jaymie Pinho, RN, NNP
Dawn Schaffrick, NNP
Randy Taniguchi, RN, NNP

Our 84 bed, single-room neonatal intensive care unit (NICU) ran at or above capacity through most of this year. There were 1130 admissions to the NICU (up from 1107 one year ago). The average daily census in the NICU was 77 (down from 79 one year ago). Of these admissions, 172 were very low birth weight (up from 157 last year). The neonatology division maintains a very close working relation with the Maternal Fetal Medicine group. Weekly conferences are held with the neonatologists, maternal fetal medicine specialists and obstetric residents. The NICU measures its outcomes using the Vermont Oxford Network (VON) database. VON is the largest NICU database in the United States and Kapiolani is compared to other level III units with similar risk profiles. In spite of consistently high census and acuity in its clinical services, our NICU consistently ranks above the top quartile on all of its major VON measures, including very low birth weight (VLBW) overall morbidity, NEC, nosocomial infection, overall mortality and human milk intake at discharge. In addition to 24-hour in-house coverage in the NICU and Labor & Delivery at Kapiolani Medical Center for Women & Children, the division also provides 24-hour coverage for Level I and II neonatal services in Labor and Delivery and the Newborn Nursery at Queen's Medical Center. We also provide telephone advice to Pediatricians on our neighbor islands and throughout the Pacific Rim in management of complex neonatal cases.

Neonatal Transport Services remain very active. The Kapiolani transport team participated in 233 neonatal transports. Of these, 206 neighbor island transports came to Kapiolani and 27 were taken to Kaiser Hospital. There were 47 transports from Oahu facilities to Kapiolani. There were 10 outgoing neonatal transports, including 7 to the mainland (4 to Rady Children's Hospital in San Diego and 3 to UC, San Francisco) and 3 to Straub Hospital for cardiac catheterizations. In addition, the division provides ongoing supervision and training for our highly qualified transport nurses and respiratory therapists.

There were 264 patient evaluations in the Neonatal Medical Follow-up Clinic last year (down from 289 last year). This clinic provides continuity of care for NICU graduates that require close medical follow-up for resolving medical conditions post-discharge. Neurodevelopmental follow-up of our high-risk NICU graduates is provided by Dr. Mari Uehara, Jaymie Pinho, NP and the Rehab Services at the Kapi'olani Specialty Center. Last year, 277 evaluations were performed in

this clinic, compared to 280 evaluations done in the previous year.

The Pulmonary Hypertension (PH) Team is a multidisciplinary collaboration between Neonatology, Pediatric Critical Care, Pediatric Cardiology and Pediatric Pulmonology, formed in 2016. Dr. Sheree Kuo played a lead role in development and evolution of this team. In addition, the PH team on average, follows five to ten pediatric in-patients with PH, the majority being former premature infants with bronchopulmonary dysplasia. The PH team then follows these patients after discharge in their 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. Dr. Kuo and Dr. Richard Jack actively participate in patient care in this out-patient setting.

The Hanuola ECMO program at KMCWC is the only 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. Megan Doty, Christopher Gibu, Richard Jack Charles Neal are ECMO certified physicians, helping to provide 24/7 consultation and treatment services throughout the Kapiolani pediatric service line. There were only two Neonatal ECMO runs last year on critically ill newborns, both survived to discharge to home. Thus far this year we have had four ECMO runs with four surviving to discharge. In 2017, 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 country. There were three fellows in our program in 2018-2019: Drs. Min Hwang, William Sherman and Lauren Staiger. Weekly fellows conferences are conducted which cover case studies, morbidity and mortality, basic science topics, clinical journal critiques and quality improvement. 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 as well as independent summer student research projects.

The **Optimist** trial targets neonates born between 25 and 28 weeks gestation who are less than 6 hours of age and failing non-invasive ventilation due to RDS. Enrolled patients are given surfactant via a small bore catheter while spontaneously breathing on non-invasive respiratory support. Control patients undergo no intervention. The primary investigator of this study is Dr. Sheree Kuo. The **Merck RSV Vaccine Study** is a double-blind, randomized, placebo-controlled, single ascending dose study to evaluate the safety, tolerability, and pharmacokinetics of MK-1654 in preterm and term infants. We are currently enrolling babies in our NICU for this phase II trial. The primary investigator of this study is Dr. Venkataraman Balaraman. The **Medimmune RSV Vaccine Study** is a phase 2/3 randomized, double-blind, palivizumab-controlled study to evaluate the safety of MEDI8897, a Monoclonal Antibody with an Extended Half-life against RSV, in high-risk children. Preparation for enrollment in this study is near completion and the primary investigator of this study is Dr. Venkataraman Balaraman. The **NOVI** (Neurobehavioral Outcomes of Very Preterm Infants) study, targeting neonates born at <30 weeks gestation, is now into its second 5 year cycle. The purpose of NOVI was to study early neurobehavioral development using the NICU Network Neurobehavioral Scale (NNNS) and to determine whether the NNNS is able to predict developmental outcomes at 2 years corrected gestational age. The primary investigator of this study is Dr. Charles Neal. Two manuscripts have been accepted for publication from the NOVI study this past year. The new phase of NOVI is now known as **ECHO-NOVI**, an NIH funded extension of the NOVI study of neonates born at <30 weeks gestation. The purpose of ECHO (Environmental Influences of Child Health Outcomes) in the NOVI cohort is to follow home and environment effects on early neurobehavioral development using several cognitive and Neuromotor assessments up through 6 years of age. The primary investigator of this study is Dr. Charles Neal. The Hawai'i IDeA Center for Pediatric and Adolescent Clinical Trials (**HIPACT**) is an NIH funded

multicenter clinical trials grant, which is developing two neonatal protocols with our Hawai'i population. Both studies presently ongoing are related to Neonatal Opioid Withdrawal Syndrome (NOWS). This series of studies are funded under the NIH ECHO program. The HIPACT Pre-Peri-Postnatal Subcommittee chair for this study is Dr. Charles Neal. Dr. Akshatha is a co-investigator in the NOWS study and is co-author of a recent publication on NOWS and patient demographics amongst all the study sites. A **NOWS** randomized study of two treatment protocols will be initiated in the NICU under the direction of Drs. Neal and Akshatha later this calendar year.

Each division member remains active in Hospital and Pediatric Department committees, as well as all levels of medical school and resident education. Several members of the division are also active in hospital and department leadership. Dr. Venkataraman Balaraman is Vice-Chair for Clinical Affairs in Pediatrics. Dr. Charles Neal is Division Head for Neonatology and maintains his role as Medical Director for the NICU. Dr. Lynn Iwamoto maintains the role as Head of Quality Improvement Research in the NICU and the Pediatrics Department. Dr. Sheree Kuo is Medical Director of Neonatal Transport services. Dr. Kuo is also Associate Director of the Hanuola ECMO program. Dr. Sneha Sood is Medical Director of the Newborn nursery at Queens Medical Center. Dr. Kara Wong Ramsey is Assistant Medical Director of the Newborn nursery at Queens Medical Center. Drs. Sneha Sood and Richard Jack are in charge of Neighbor Island outreach and resuscitation training.

The division remains highly dedicated to meeting our mission of providing the highest quality clinical care, education, research and community service.

Correspondence may be sent to:

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Professor of Pediatrics and Neonatology Division
Director

University of Hawaii John A. Burns School of Medicine
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Pediatric Emergency Medicine

Paul J. Eakin, MD - Division Chief

Peter J. Di Rocco, MD - Assistant Division Chief

Division Members:

Rodney B. Boychuk, MD

T. Tausala Coleman-Satterfield, MD

Peter J. Di Rocco, MD

Paul J. Eakin, MD

Francisco J. Garcia, MD

Travis K.F. Hong, MD

Alson S. Inaba, MD

Jannet J. Lee-Jayaram, MD

Masafumi Sato, MD

Loren G. Yamamoto, MD, MPH, MBA

Lynette L. Young, MD

Professor of Pediatrics

Assistant Professor of Pediatrics

Assistant Professor of Pediatrics and Assistant Division Chief

Assistant Professor of Pediatrics and Division Chief

Assistant Professor of Pediatrics

Assistant Professor of Pediatrics

Associate Professor of Pediatrics

Assistant Professor of Pediatrics

Assistant Professor of Pediatrics

Professor of Pediatrics and Associate Chair of Finance

Assistant Professor of Pediatrics

The Pediatric Emergency Medicine Division is responsible for: Patient care (ED staffing), pediatric hospital sedation, quality improvement, administration, nursing education, medical student and resident education, 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 attendings, 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 Emergency Medicine Division contributes substantial faculty resources towards medical student and resident education.

The division is responsible for scheduling 24/7 attending physician coverage for the pediatric emergency medical service, utilizing Board certified Pediatric Emergency Physicians who care for over 30,000 pediatric patients annually. They also provide 24 hour Pediatric Code Blue coverage for Kapi'olani Medical Center for Women & Children. This division collectively has received numerous awards and accomplishments in medical education, academic research, and community service. The Pediatric Emergency Medicine group is part of US Acute Care Solutions, a national physician owned emergency medicine group headquartered in Canton, Ohio (usacs.com)

Rodney B. Boychuk, MD

Birthplace: Willingdon, Alberta, Canada Grew up in: Edmonton, Alberta, Canada High School: Ross Sheppard High School College: University of Alberta

Medical School: University of Alberta

Internship/Residency: Edmonton General Hospital, Canada. Kapi'olani Children's Hospital, Honolulu, Hawai'i. Children's Hospital, Winnipeg. Manitoba, Canada

Fellowship: Children's Hospital, Winnipeg, Manitoba, Canada (Neonatology).

Hobbies: Restoring historic buildings and furniture, Newfoundland Club.

Community service: Asthma education and assistance with community educational groups, public relations activities with KMCWC, RICO case reviewer, supporter of SIDS Group and Mother's Milk Bank.

Research interests: Pediatric Emergency Medicine clinical problems, such as asthma.

Special accomplishments: Alpha Omega Alpha, multiple other awards and distinguished honor activities.

Professor of Pediatrics and past Chief of Staff for Kapi'olani Medical Center for Women & Children.

Dr. Boychuk's main interests are quality improvement, medical staff affairs, neonatology, resuscitation and outreach education. He is a fellow of the American Academy of Pediatrics (AAP). He is board certified in pediatrics, neonatology and pediatric emergency medicine. He recently completed his role as Principle Investigator for an Asthma Education grant for emergency departments and community hospitals from the Robert Wood Johnson Foundation, Leahi Foundation, and HMSA Foundation. Dr. Boychuk has presented research results from this study at the annual

meetings of the American Academy of Allergy and Immunology, the American Academy of Pediatrics, the American College of Emergency Physicians and the Asian Emergency Medicine Association. He has taught many courses in neonatology, PALS, and APLS. He is highly regarded for his teaching skills and the breadth of his clinical skills which include general pediatrics, neonatology, emergency medicine and critical care. He is an instructor for Pediatric Advanced Life Support (PALS), an Advanced Pediatric Life Support (APLS) course director and an APLS chapter author/contributor. He has numerous publications and abstracts in peer reviewed journals. In the community, he has coached youth soccer and is an educational resource to other health care professionals providing health care to children.

T. Tausala Coleman-Satterfield, MD Birthplace: Pago Pago, American Samoa Grew up in: Tafuna, American Samoa High School: Leone High School College: Chaminade University of Honolulu Medical School: University of Hawai'i John A. Burns School of Medicine Residency: University of California Davis, Sacramento, California (Pediatrics) Chief Resident: University of California Davis, Sacramento, California (Pediatrics) Fellowship: University of Washington, Seattle Children's Hospital (Pediatric Emergency Medicine) Interests: Spending most of available time being active with husband and 3 sons, baking ethnic desserts

Assistant Professor of Pediatrics, board certified in Pediatrics and Pediatric Emergency Medicine. Academic interests include medical education and simulation-based education for trainees, multi-disciplinary simulation training for process improvement. She also has an interest in Quality Improvement, and clinical standardization pathways for health care.

Peter J. Di Rocco, MD, MS, FAAP

Birthplace: Queens, New York Grew up in: Queens, New York, and Doha, Qatar High School: St. Francis Prep, Fresh Meadows, NY College: City College of New York, NY Medical School: Upstate Medical University, Syracuse, NY Residency: Pediatrics, Stony Brook University Medical Center, Stony Brook, NY Master's degree: Medical College of Wisconsin, Milwaukee, Wisconsin Fellowship: Pediatric Emergency Medicine, Medical College of Wisconsin, Children's Hospital of Wisconsin, Milwaukee, Wisconsin Assistant Professor, Pediatrics, University of Hawai'i

John A. Burns School of Medicine. Board Certified in Pediatrics and Pediatric Emergency Medicine Hobbies: Computer programming, electronics, hiking, swimming, and cooking in bulk

Assistant Professor of Pediatrics and Assistant Division Chief: Dr. Di Rocco completed his pediatric emergency medicine fellowship at the Medical College of Wisconsin/Children's Hospital of Wisconsin in Milwaukee, and is board certified in both pediatrics and pediatric emergency medicine. He is a fellow and a member of the American Academy of Pediatrics (AAP), Section of Emergency Medicine, and the American Medical Association (AMA). Special Accomplishments: While at the Medical College of Wisconsin, he designed and tested an electronic tool to improve dosing accuracy of code medications for children who arrest in the field, for which he won multiple awards, presented at national meetings, and is pending publication. He is the AAP state of Hawai'i representative for pediatric disaster preparedness and has a passion for emergency preparedness, having edited chapters in two textbooks in this field. He is a medical officer for the Hawai'i Disaster Medical Assistance Team (DMAT). He is the chair of the Website Taskforce for Pediatric Residency Recruitment and is actively involved in resident and medical student education.

Paul J. Eakin, MD

Birthplace: Greeley, Colorado Grew up in: Lebanon, Oregon High School: Lebanon Union High School College: Oregon State University, Corvallis, Oregon Med School: University of Iowa College of Medicine, Iowa City, Iowa Residency: Kapi'olani Medical Center for Women & Children (Pediatrics) Fellowship: UT-Southwestern Medical Center/Children's Medical Center of Dallas (Pediatric Emergency Medicine) Hobbies: Enjoys studying Japanese, trying to stay fit both physically and mentally and being involved along with his family at Christ Centered Community Fellowship

Assistant Professor of Pediatrics and Division Chief of Pediatric Emergency Medicine. Dr. Eakin is board certified in Pediatrics and Pediatric Emergency Medicine, and is a fellow of the American Academy of Pediatrics (AAP). He is also a fellow of the American College of Emergency Medicine (ACEP), where he has served on the local Hawai'i Board of Directors for several years. He is currently immediate past President of the Hawai'i ACEP Chapter. He has multiple journal

articles and textbook chapter publications and has given presentations on the national and international level. Dr. Eakin has served as a member of the American College of Emergency Physicians Committee on Pediatric Emergency Medicine for several years. He also served on the PREP – Emergency Medicine editorial board for the American Academy of Pediatrics for 6 years. In 2014, Dr. Eakin was awarded the best Pediatric Emergency Medicine Teacher from the third-year medical student class.

Francisco J. Garcia, MD

Birthplace: New Jersey
Grew up in: San Juan, Puerto Rico
High School: San Ignacio de Loyola High School, Puerto Rico
College: Cal Poly Pomona, California
Medical School: University of California Irvine
Residency: Children's Hospital Los Angeles (Pediatrics), California
Fellowship: Children's Hospital Los Angeles (Pediatric Emergency Medicine), California
Hobbies: Outdoor activities include kayaking, scuba diving, hiking, and camping.
Special accomplishments: Happily married with five children.

Assistant Professor of Pediatrics, Dr. Garcia is responsible for quality improvement and peer review activities for the pediatric emergency medicine service. He is board certified in pediatrics and pediatric emergency medicine. He is a fellow of the AAP. Dr. Garcia participates in research projects and the educational teaching programs of community physicians, residents, medical students and paramedics. He has several publications in peer-reviewed journals. Dr. Garcia's interests include transport medicine and academic emergency medicine. He is also fluent in Spanish.

Travis Hong, MD

Birthplace: Lihue, Hawai'i
Grew up in: Wailua, Hawai'i
High School: Punahou School, Hawai'i
College: University of Pennsylvania
Medical School: University of Southern California
Residency: Children's Hospital Los Angeles
Fellowship: Children's Hospital Los Angeles
Hobbies: Bodyboarding, cooking, attending music events, eating malasadas and finding the perfect chocolate chip cookie.

Assistant Professor of Pediatrics. Dr. Hong is board certified in Pediatric Emergency Medicine and

General Pediatrics. He is a fellow of the American Academy of Pediatrics (AAP) and has several textbook chapter publications. Dr. Hong is the director of the PEM resident rotation as well as the UH JABSOM fourth year PEM elective. He has a particular interest in medical student and resident education and mentoring. His research interests include children involved in submersion incidents. He currently lives in Honolulu with his wife and family.

Alson S. Inaba, MD, PALS-NF

Birthplace: Honolulu, Hawai'i
Grew up in: Honolulu (Manoa), Hawai'i
High School: Iolani High School
College: Creighton University, (Biology major/Philosophy minor)
Med School: Tufts University School of Medicine, (AOA Honor Society)
Residency: Children's Hospital Oakland (Pediatrics),
Fellowship: Children's Hospital Oakland (Pediatric Emergency Medicine)

Associate Professor of Pediatrics. Dr. Inaba has served as the Division Head of Pediatric Emergency Medicine from April 2011 to July 2014. He was the recipient of the 2011 Arnold P. Gold Foundation's Leonard Tow Humanism in Medicine Award and was also the invited keynote speaker at the white coat ceremony for the incoming JABSOM class of 2015 (7-23-2011). He is a fellow of the AAP, board certified in pediatrics and pediatric emergency medicine. He has received over ten teaching awards and has been the invited keynote speaker on numerous occasions over the past 25 years. In July of 2015 he received the Best ER Attending Teaching Award from the JABSOM medical students. Most recently in May of 2017 he was presented with the Kaiser-Permanente Excellence in Clinical Teaching Award at the JABSOM Class of 2017 Convocation. He is a certified instructor in Pediatric Advanced Life Support (PALS). He has served as the Course Director for all PALS courses at The Queen's Medical Center for over 20 years. He has served as the American Heart Association (AHA) National Faculty member for PALS for the State of Hawai'i and also served on the AHA National Program Administration Subcommittee which oversees all of the PALS, ACLS and BLS courses in the nation and internationally. One of his innovative teaching tips for CPR was published in the Fall 2006 issue of Currents by the AHA. Since the release of this publication, his Stayin Alive CPR teaching method is currently being used throughout the United States, Europe, Japan, Okinawa, Canada, Egypt, Argentina and Africa. His original 2005 Stayin Alive CPR teaching tip was also recently incorporated into a national

campaign for Hands Only CPR by the American Heart Association (June 2011).

In June of 2012, he was invited by the AHA to help launch their national Hands Only CPR campaign in New York City. In a Hollywood style red carpet event he was recognized for his 2006 contribution of using the hit disco song “Stayin Alive” to help teach the proper chest compression rate during Hands. In June of 2019, He received the American Heart Association’s first ever Innovation At Heart Award for helping to save hundreds of lives around the world with his “Stayin Alive” CPR technique. He is also currently updating his “Stayin Alive” CPR technique using the song “Uptown Funk” by Bruno Mars. He was the Director of our former Pediatric Emergency Medicine fellowship program, from which two fellows have graduated and are currently board certified. He served as the Medical Director of the Hawaii Poison Center. He has over 25 publications in journals and textbooks. He is an Associate Editor for our recently published general pediatrics textbook, Case Based Pediatrics For Medical Students and Residents. He is a charter member of the Pediatric Emergency Medicine Practice Editorial Board. His interests include mentoring premedical students and preclinical medical students (using his “STAR” Mentoring Program), and creating innovative methods of teaching (which sometimes incorporates magic and rap music). In the community he serves as a CPR and PALS resource. He also serves as the Medical Director for several community public access defibrillation programs (Iolani School and Endodontics Associates of Hawai‘i) and helped to establish the State of Hawai‘i’s Operation Stayin Alive AED public access defibrillation program for the State airports in 2006.

Jannet Lee-Jayaram, MD, FAAP, CHSE

Birthplace: Los Angeles, California
Grew up in: Queens, New York and Orange County, California
High School: Cypress High School, California
College: Dartmouth College, New Hampshire
Medical School: State University of New York (SUNY) at Stony Brook School of Medicine
Residency: New York Presbyterian Hospital Weill Cornell Medical Center (Pediatrics)

Fellowship: Drexel University College of Medicine–St. Christopher’s Hospital for Children (Pediatric Emergency Medicine), Philadelphia, Pennsylvania

Hobbies: finding new restaurants, reading and watching science fiction.

Assistant Professor of Pediatrics. Dr. Lee-Jayaram is board certified in Pediatrics and Pediatric Emergency Medicine. She is a fellow of the AAP, a PALS instructor and a certified healthcare simulation educator. She also serves as the Associate Director of the SimTiki Simulation Center at the University of Hawai‘i John A Burns School of Medicine. Her academic interests include simulation-based medical education and faculty development. She serves on the department personnel committee, the simulation committee and the hospital code blue committee. She has several journal article publications, textbook publications, and national meeting presentations.

Masafumi Sato, MD

Birthplace: Kesenuma, Japan
Grew up in: Ishinomaki, Japan
High School: Ishinomaki High School, Japan
College: George Washington University, Washington, DC
Med School: St. George’s University School of Medicine
Residency: St. Joseph’s Children’s Hospital (Pediatrics), Patterson, NJ
Fellowship: St. Christopher’s Hospital for Children, Philadelphia PA (Pediatric Emergency Medicine)
Hobbies: Music, collecting vinyl records, traveling around the world

Assistant Professor of Pediatrics, University of Hawai‘i John A. Burns School of Medicine. Board certified in pediatrics and pediatric emergency medicine. Masa is a fellow of the American Academy of Pediatrics.

Loren G. Yamamoto, MD, MPH, MBA

Birthplace: Honolulu, Hawai‘i
Grew up in: Pearl City, Hawai‘i
High School: Pearl City High School
College: University of Hawai‘i
Med School: Baylor College of Medicine (Houston, TX), University of Hawai‘i John A. Burns School of Medicine
Graduate School: MPH, 1981, University of Hawai‘i School of Public Health.
MBA, 1993, University of Hawai‘i College of

Business Administration.

Residency: Kapi'olani Children's Medical Center for Women & Children (Pediatrics), 1986.

Fellowship: Kapi'olani Medical Center for Women & Children (Pediatric Emergency Medicine), 1986.

Professor of Pediatrics and Associate Chair of Finance. Dr. Yamamoto's main interests are research, publishing and technology/telecommunications. He is a fellow of the American Academy of Pediatrics (AAP) and a fellow of the American College of Emergency Physicians (ACEP). He has published over 140 articles in peer-reviewed journals, 90 abstracts, 75 electronic publications, 40 reference and textbook chapters, and 80 national research/educational presentations. Dr. Yamamoto serves on the editorial board of the American Journal of Emergency Medicine and Pediatric Emergency Care. He is the Chief Editor of Radiology Cases In Pediatric Emergency Medicine, a CD and Web based educational program for which he received the AAP Professional Medical Education Award. He is also the author of Tidbits on Raising Children (a parenting book), Challenging Cases in Pediatric Emergency Medicine (an AAP publication), Pediatric Radiology Review, and is the Chief Editor for Case-Based Pediatrics

For Medical Students and Residents (the pediatrics book published by our department of pediatrics). He is formerly a member of AAP's Pedialink Editorial Board, Committee on Pediatric Emergency Medicine (COPEM), National Conference & Exhibition Planning Group, Committee on CME, Committee on Scientific Meetings, AAP/ACEP APLS Steering Committee (former editor and chair), and a former appointee of the American Board of Pediatrics Emergency Medicine Sub-board. Dr. Yamamoto is currently the Chief of Staff for Kapi'olani Medical Center For Women & Children (KMCWC) and a member of the Medical Executive Committee, the Credentials Committee, the Quality Council, the Environment of Care Committee, and the Board of Directors. He has coached youth soccer, baseball, volleyball, and has coached Hawai'i junior tennis teams at National Tournaments in Salt Lake City and Stanford. He has three children: oldest daughter graduated from the University of California Berkeley, Boston University, University of Hawai'i Medical School, and is now an emergency medicine resident in

Syracuse, NY; second daughter graduated from the University Washington and the University of Hawai'i Richardson School of Law; and a son graduated from the University of Hawai'i College of Engineering and is now a mechanical engineering Ph.D. student at the University of Hawai'i.

Lynette L. Young, MD

Birthplace: Honolulu, Hawai'i

Grew up in: Honolulu (Waiialae/Kahala),

Hawai'i High School: Kalani High School, Hawai'i

College: University of California, Berkeley, BS Chemistry/ AB Biochemistry.

Med School: University of Hawai'i John A. Burns School of Medicine, 1990.

Residency: Kapi'olani Medical Center for Women & Children (Pediatrics)

Fellowship: Kapi'olani Medical Center for Women & Children (Pediatric Emergency Medicine)

Hobbies: Raising three children

Assistant Professor of Pediatrics. Dr. Young is a University of Hawai'i pediatric emergency medicine fellowship program graduate. She is a fellow of the AAP, board certified in pediatrics and pediatric emergency medicine. She participates in research projects and the educational teaching programs of community physicians, residents, medical students and paramedics. She has several publications in peer-reviewed journals. She has contributed several case chapters to Radiology Cases In Pediatric Emergency Medicine, a CD and Web based educational program. She has contributed three chapters to Case Based Pediatrics For Medical Students and Residents. Dr. Young serves as a liaison representative between Kapi'olani Medical Center for Women & Children (KMCWC) and the Department of Health's Emergency Medical Services organization.

Pediatric Hematology and Oncology

Randal K. Wada, MD - Division Chief

Division Members:

Darryl W. Glaser, MD

Kelley Hutchins, DO, MPH

Jasmin Jensen, MD

Wade T. Kyono, MD

Desiree Medeiros, MD

Bruce T. Shiramizu, MD

Randal K. Wada, MD

Robert W. Wilkinson, MD

Assistant Professor of Pediatrics

Assistant Clinical Professor of Pediatrics

Assistant Professor of Pediatrics

Assistant Professor of Pediatrics

Assistant Professor of Pediatrics

Professor of Pediatrics and Associate Chair of Research

Associate Professor of Pediatrics and Division Chief

Professor of Pediatrics



Left to right: (sitting) Wade Kyono, MD; Darryl Glaser, MD; Jasmin Jensen, MD
(standing) Kelley Chinen Okimoto, MD; Kelley Hutchins, DO; Desiree Medeiros, MD; Robert Wilkinson, MD; Randal Wada, MD;
Bruce Shiramizu, MD

photo by: Karen Akiyama

The Division is dedicated to the treatment of children and adolescents with blood diseases and cancer. The outpatient clinic is located on the second floor of the Kapi'olani Medical Center in the Pediatric Ambulatory Unit (PAU), and hospitalized patients are cared for on the Wilcox ward. The staff is comprised of six pediatric hematologist/ oncologists, one pediatric hematology/ oncology hospitalist, two advanced practice pediatric oncology nurses, a social worker, an oncology pharmacist, and a full complement of oncology nurses. Division members work collaboratively within the John A. Burns School of Medicine (JABSOM), the School of Nursing and Dental Hygiene (SONDH), and the Kapi'olani Medical Center for Women & Children. The Division meets the guidelines for a children's Hematology-Oncology Level III Center by the American Academy of Pediatrics. Kapi'olani's dedicated team is the only one of its kind in the state and cares for 98% of Hawaii's children who are diagnosed with cancer. Approximately 40 new oncology cases are seen each year and 150 children are on active treatment at any one time. Two hundred additional patients are followed in the long-term follow-up clinic. Between three to five bone marrow transplants are performed for children of the state each year at the only hematopoietic stem cell transplant center in the State of Hawai'i. Approximately 50 patients with hematology problems are followed in the PAU, and ten new consultations are provided each month.

Cooperative Group Membership

We are a Member Institution of the Children's Oncology Group (COG), a national organization sponsored by the National Cancer Institute, dedicated to the treatment and cure of childhood cancer. Phase II and III clinical and biologic trials are available through COG for most childhood cancers. Wade Kyono, MD, serves as principal investigator for clinical trials, and all Division members actively enroll the majority of patients on these trials. Some members also participate in COG by serving on Disease Committees

Specialty Clinics

The Division staffs a number of specialty clinics that are available to Hawai'i's children and adolescents. These include the Hemophilia and Thrombosis Center, Coagulopathy Clinic, Bone Marrow Transplant 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.

Teaching

Division members participate actively in the education of medical students, graduate students, pediatric residents, community physicians, and community groups

throughout the State of Hawai'i. Advanced practice pediatric oncology nurses are involved in hospital nursing orientation and ongoing oncology education in the hospital and community. They assist children on cancer treatment with school reintegration and give lectures at schools throughout the State. Division members sit on numerous hospital committees and attend and participate in the monthly educational Pediatric Tumor Board.

Research

Division members actively participate in clinical and basic research in oncology and hematology. Bench and translational research in non-Hodgkin lymphoma take place in laboratories at the Department of Tropical Medicine, Medical Microbiology & Pharmacology. Clinical research is ongoing through involvement with the Children's Oncology Group, Blood and Marrow Transplant Clinical Trials Network, Beat Childhood Cancer Consortium, Pediatric Blood and Marrow Transplant Consortium, the Center for Health Outcomes, and JABSOM. Health behavior research is also conducted through the SONDH.

Cancer Support Services/ Community Groups

We have two patient and family support groups: the Childhood Cancer Connection for families and SCARS (Strength, Courage, Appreciation, Remembrance, and Support) for adolescents and young adults touched by cancer. Most Division members participate in camps for patients and families throughout the year, three sponsored by the Camp Mokuleia and one by the Hemophilia Foundation of Hawai'i. Many also work with the Hawai'i Children's Cancer Foundation assisting families with financial, educational and service needs. Others work with the Hawai'i Cord Blood Bank and the Hawai'i Bone Marrow Donor Registry. Some serve on the boards or committees of community organizations, such as the Hawaii Children's Cancer Foundation, the Hemophilia Foundation of Hawai'i, the American Cancer Society, HUGS, the Blood Bank of Hawai'i, HPAREF, Hospice Hawai'i, Make-A-Wish Hawai'i, Legacy of Life Hawai'i, and the Oncology Nursing Society.

Faculty



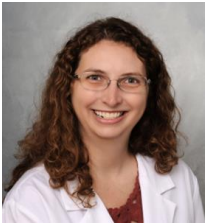
Darryl W. Glaser, MD is a full-time clinician with fifteen percent of his time devoted to research and education. In addition to his interest in general oncology, he is interested in adolescent and young adult oncology, in the late effects of cancer therapy, and in the diagnosis of childhood anemia. He is Medical Director of Pediatric Hematology- Oncology and a member of the Cancer Committee at KMCWC. He stays active in teaching by lecturing and precepting

first and third-year medical students, acting as a Clinical Skills Preceptor, coordinating the fourth-year student and third-year resident electives, and providing teaching to the first year residents on the Hematology-Oncology rotation. Community activities include serving as President for the Board of Directors of HPAREF and being a Medical Advisor for HUGS (Help, Understanding, and Group Support).



Kelley Hutchins, DO, MPH attended medical school at Des Moines University College of Osteopathic Medicine where she also received her Master of Public Health. She then completed residency in Pediatrics and Internal

Medicine at Louisiana State University in New Orleans. Dr. Hutchins then completed a fellowship in Pediatric Hematology/Oncology at the Children's Hospital of Michigan in Detroit. She is board certified in both Pediatrics and Internal Medicine.



Jasmin Jensen, MD is a full-time clinician with fifteen percent of her time devoted to research and education. She completed a Medicine/Pediatrics combined residency as well as fellowships in Palliative Care and Pediatric

Hematology/Oncology. She is interested in quality improvement, patient centered outcomes research, and comparative effectiveness research. Dr. Jensen has been an avid supporter of pediatric hospice and palliative care and in 2017 she officially joined Hospice Hawai'i's pediatric hospice team. She directs the clinical care for all of the pediatric patients enrolled on Hospice Hawai'i's pediatric service which includes coordinating with subspecialists who provide care to pediatric hospice patients who are eligible for concurrent care services. She is also actively engaged in program development activities that aim to improve access to palliative care services for pediatric patients who are confronted with advanced and life limiting medical conditions. Dr. Jensen's clinical interests also include therapeutic apheresis technology, she became the director of Hawai'i Pacific Health's clinical apheresis program in 2018, this program is actively involved in treating a wide variety of patients including adult and pediatric patients with oncologic and hematologic conditions.



Wade T. Kyono, MD is a full-time clinician with fifteen percent of his time devoted to research and education. He is the principal

investigator for COG and coordinates these cooperative group research activities with the University of Hawai'i Cancer Center Minority Underserved-NCI Community Oncology Research Program (UHCC MU-NCORP), providing access to pediatric cancer research protocols to children of Hawai'i. He is the Vice Chair of the COG NCORP Committee and serves as KMCWC COG Responsible Investigator for Hematology/Oncology, Adolescent Young Adult Research, and Cancer Care Delivery Research. He is the Medical Director of the Hawai'i Pacific Health Research Institute and is a Board Member of Hawai'i Healthcare Partners. He has partnered with the Hawai'i Tourism Authority's 'Elele Program in hosting the 2021 International Society of Paediatric Oncology Meeting in Hawai'i and is the Chair of the Local Organizing Committee. He is involved with the development of the Alpha Thalassemia Major Program at KMCWC in a multidisciplinary effort with maternal fetal medicine, genetics and neonatology. His areas of interest include oncology clinical trials, neutrophil/myeloid cell signaling and function, thalassemia major management, iron overload/chelation therapy, as well as general clinical pediatric oncology. He is involved with the 1st year clinical skills preceptorship, the teaching of 3rd and 4th year medical students, and the training of pediatric residents. He is a member of the Medical Advisory Board for Make-A-Wish Hawai'i and is a founding Board Member of Let Grace In, a non-profit family bereavement support group.



Desiree Medeiros, MD continues as medical director for the Hemophilia and Thrombosis Treatment Center of Hawaii which is supported by Federal grants from the Centers for Disease Control and Maternal and Child Health Branch and is a member of the

Western States Regional Coordinating Committee. In addition to oncology, her main area of interest and research is in disorders of coagulation and immune thrombocytopenic purpura. She currently holds a 70% position with ten percent devoted to research and education. As part of her University of Hawai'i appointment, she continues to teach, precept, and mentor medical students and residents. She is a member of Kapi'olani's Blood Utilization Committee and Pharmacy and Therapeutics Committee. Dr. Medeiros also serves as Camp Physician and Medical Director for Camp Anuenue (annual cancer camp program). Other community service activities include being a Medical Advisor for HUGS (Help, Understanding, and Group Support), and the medical consultant for Sacred Hearts Academy's lower school.



Bruce T. Shiramizu, MD is a tenured professor in the Departments of Pediatrics and Tropical Medicine, Medical Microbiology & Pharmacology (TMMMP). He is also an investigator in the Hawai'i Center

for AIDS with a research laboratory located at the JABSOM Kaka'ako campus. He is the Associate Chair of Research in the Pediatrics Department and has leadership roles in various clinical translation research infrastructure grants at JABSOM. Through his role as the Principal Investigator of the Hawai'i IDEa States Pediatric and Adolescent Clinical Trials Program, he fosters opportunities for pediatric faculty in professional development activities in pediatric clinical trials to benefit the pediatric population in Hawaii. He focuses his research in the areas of childhood lymphoma and HIV-associated complications (HPV-related cancers, lymphoma, dementia). He is a member of the Children's Oncology Group non-Hodgkin lymphoma committee and other national committees. He mentors residents, medical students, undergraduate & graduate students. He is a graduate faculty with the Departments of Cell & Molecular Biology, Reproductive Biology, TMMMP, and Molecular Biosciences and Bioengineering



Randal K. Wada, MD, MS is a tenured faculty member in the SONDH with a joint appointment in JABSOM. He is director of the Pediatric Hematopoietic Progenitor Cell Transplantation program at the Kapi'olani Children's Blood and

Cancer Center. The transplant program performs both autologous and allogeneic transplants, including haplo-identical, umbilical cord blood, and unrelated donor transplants. It is approved as a NMDP Affiliate Transplant Center. Dr. Wada serves as the medical director of the Hawaii Bone Marrow Donor Registry and the Hawai'i Cord Blood Bank, both of which are part of the National Marrow Donor Program network. He is also the medical director of the NMDP Collection Center for bone marrow donation at Kapi'olani Medical Center, and associate director of the NMDP Apheresis Center. His current areas of research are focused on interprofessional education, precision medicine/molecular targeting, quality improvement, and umbilical cord blood banking

for transplantation. He actively participates in the teaching programs at JABSOM and SONDH, where in addition to conferences to medical students and residents, he lectures to undergraduate and graduate students in



nursing, and serves as PhD/ DNP thesis advisor to students in the School of Public Health and SONDH. He is active on a number of committees, both at the University and nationally, with organizations such as the Beat Childhood Cancer Consortium, the National Marrow Donor Program, and the Society for Behavioral Medicine.

Robert W. Wilkinson, MD retired from clinical practice in January of 2016 after 42 years of serving the community. He continues to maintain his faculty position at JABSOM and his membership in COG, and remains active in teaching both medical students and residents.

Division Goals

We will continue to provide compassionate, state-of-the-art pediatric cancer care to the children of Hawai'i and the Pacific Islands through participation in cooperative group clinical trials, to advance hematology and oncology research in the State of Hawai'i, and excel in teaching medical students and residents through the University of Hawai'i John A. Burns School of Medicine.



Pediatric Hospitalists

Jessica S. Kosut, MD - Division Chief

Division Members:

Bridget Allard, DO	Assistant Professor of Pediatrics
Selina S.P. Chen, MD, MPH	Assistant Professor of Pediatrics
Diane Ching, MD	Assistant Professor of Pediatrics
Jennifer Di Rocco, DO, MEd	Assistant Professor of Pediatrics
Marissa Fakaosita, MD	Assistant Professor of Pediatrics
Adriana Herrera, MD, MPH	Assistant Professor of Pediatrics
Tyler Klein, NP	Pediatric Nurse Practitioner
Jordan Kono, MD	Assistant Clinical Professor of Pediatrics
Jessica S. Kosut, MD	Assistant Professor of Pediatrics and Division Chief
Mae Kyono, MD	Assistant Professor of Pediatrics
Kyra A. Len, MD	Assistant Professor of Pediatrics
James C. Lin, MD	Assistant Professor of Pediatrics
Anna-Lena Lueker, MD	Assistant Clinical 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 and Assistant Division Chief
Shilpa Patel, MD	Associate Professor of Pediatrics
Gina Ramirez, MD	Assistant Professor of Pediatrics
William P. Shea, MD, MA	Assistant Professor of Pediatrics
Tiffany Wang, MD	Assistant Professor of Pediatrics



Front (L to R): Jessica Kosut, Shilpa Patel, Bridget Allard, Jennifer DiRocco, Mae Kyono, Cheryl Okado, Kyra Len
Back (L to R) Maya Maxym, Barry Mizuo, James Lin, Gina Ramirez, Jordan Kono, Marissa Fakaosita, William Shea

The Division

The pediatric hospitalist division at Kapi'olani Medical Center for Women & Children was established in 2002. Since its inception, the pediatric hospitalist group has grown from a group of 3 to 17 to provide greater coverage for the keiki of Hawai'i. We continue to collaborate with the ever growing group of pediatric subspecialists to provide outstanding inpatient care for complex and high acuity pediatric patients. This is accomplished through development of evidence-based guidelines and order sets as well as creation of a wide variety of inpatient programs and services. We are also excited as Pediatric Hospitalist Medicine becomes a board-recognized pediatric subspecialty and we continue to collaborate with our colleagues around the country. Many of the group's hospitalists will be sitting for first-ever boards this year.

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.

We care for the children admitted to the general pediatric ward at Kapi'olani Medical Center for Women & Children and provide consultation services to both the medical and surgical subspecialists. Of the 2500 admissions we handle annually, the children range from those who are otherwise healthy and present with minor acute illness to those with complex chronic medical needs and those with a high level of care. All are provided with state-of-the-art medical care, in a child-friendly environment, with an emphasis on world class, family-centered care.

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 colleges all over the world to JABSOM medical students to Hawai'i Residency Program trainees. As a division, third and fourth year medical students rotate on the wards with us during their inpatient pediatric rotation, building their fund of knowledge of bread and butter as well as complex pediatric disease processes. We provide a wide range of didactic and bedside educational experiences during the inpatient

rotation: students participate in initial evaluation and management of newly admitted patients, rotate on a large and busy ward team, and are provided a weeklong 1:1 learning opportunity with our hospitalist attendings, including daily didactic sessions covering core topics. Division members also provide structured education and clinical supervision for pediatric, family practice, and psychiatry residents on their pediatric inpatient rotations. We continue to emphasize Family Centered Care as recommended by the AAP and the Institute of Medicine. Dr. Jennifer Di Rocco remained an Associate Program Director for the residency program and provides a bridge between the hospitalists and residency program. Dr. DiRocco has taken on a lead role in the Association of Pediatric Program Directors Milestones Committee, working to create developmental milestones for resident learners around the country. Dr. Kyra Len advanced to the role of Department of Pediatrics, Medical Student Director, proving her effectiveness with continued high ratings of the clerkship and praise for the teaching on the rotation. She brings new and innovative teaching techniques that she shares with the group and the faculty of the entire department and works to develop a growth mindset in our learners. Dr. Barry Mizuo now has taken the reigns as the Pediatric Clerkship Director and continues to ensure that the third year students receive a comprehensive pediatrics experience. Dr. Tiffany Wang remains in her role as inpatient pediatric resident rotation director and has worked tirelessly to create a curriculum and structure to provide our residents with a valuable and educational sound rotation. She works closely with the chief residents to ensure that the rotation that the residents receive for the wards answers their questions and allows them to understand the ever changing workflows.

Dr. Marissa Fakaosita has offered our residents the opportunity to customize their residency experience through the Individualized Education Unit (IEU). With the development of these electives, Dr. Fakaosita has worked diligently all over the state to meet with community based physicians to offer a broader range of experiences for the residents. This is particularly important as we hope to encourage our residents to improve access to care in some of the more remote locations of the state.

In addition to teaching residents and medical students, division members serve as resources for pediatric subspecialists seeking peer consultation. They bring their expertise to community service and continuing medical education activities. Members of the division participate in numerous hospital committees that work to improve the efficiency of care, maintain high quality and safety within the hospital

system, as well as regularly reviewing and updating guidelines and EPIC order sets for commonly encountered pediatric diagnoses.

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. Cheryl Okado completed the national quality collaborative in Reducing Excessive Variability in Infant Sepsis Evaluation (REVISE) project through the Value in Inpatient Pediatrics (VIP) Network, looking to reduce length of hospitalizations in low-risk neonates admitted for fever, while still ensuring their safety. She held regular meetings for the group, submitted and analyzed data and showed a reduction in the length of low risk infants to less than 30 hours. She also took on the role of the Vice President for the Hawai'i Chapter of the Society of Hospital Medicine.

Dr. Shilpa Patel continues her national work in IPASS handoffs and rolled out the IPASS bundle to nursing units across the HPH systems. Additionally, she took the lead on implementation of the IPASS Safe Communication on Rounds Every time (SCORE) Project to 21 national sites. Drs. Bridget Allard and Jessica Kosut are the site co-leads on the SCORE project at Kapi'olani in order to bring the IPASS structure to Family Centered Rounds and to increase nurse and caregiver participation on rounds in order to improve safety.

Dr. Barry Mizuo completed the Training in Healthcare Improvement this year with his work dedicated to better understanding the role of procalcitonin in pediatric patients and how it can best be utilized. He will continue examining the data and keep the department as a whole informed.

Finally, Drs. Anna Leuker and Maya Maxym continue to lead the Global Health Program, obtaining funding to assist with sending residents on electives to Laos and American Samoa. Additionally, they are working to expand services across the Pacific and throughout the Hawaiian Islands by developing the ECHO tele-education and tele-consultation program.

Faculty and Clinical Faculty

Bridget Allard, DO is a full-time Assistant Professor of Pediatrics who joined the group in 2017 after

completing Pediatric Hospital Medicine Fellowship at Children's National Medical Center in Washington, D.C. Her scholarly interests include quality improvement and patient safety as well as how technology can enhance the patient and family experience during hospitalization. With this interest, Dr. Allard is the site co-lead for a national project with Dr. Kosut aimed at improving communication with hospitalized families by bringing standardized communication through I-Pass to the bedside. In other research endeavors, Dr. Allard mentored multiple residents through clinical case submissions to national meetings and had a platform clinical case presentation at the 2019 Society of Hospital Medicine Meeting as well as a poster presentation. In addition she had two poster presentations accepted and presented to the 2019 national Pediatric Hospital Medicine Conference. Dr. Allard serves as co-director for the resident quality improvement rotation, co-director for the 4th year pediatric wards sub-I clerkship, and as co-director for the division's research. In addition she and Dr. Di Rocco have established a monthly educational conference consisting of alternating Journal Club and Clinical Case Review to further enhance the high quality care already being provided. She also serves on the Resident Clinical Competency Committee and the Department of Pediatrics MOC committee. Dr. Allard is a medical student clinical preceptor as well as a PBL tutor for first year medical students at JABSOM. She received the 2017 Resident Faculty Teaching Award and the 2018 Faculty A'o Award for Academic Excellence as well as being selected for the 2018 Faculty Honor Roll.

Selina S.P. Chen, MD, MPH is a full-time UH Assistant Professor. She serves clinically as a pediatric hospitalist and an internal medicine hospitalist who is board certified in Clinical Informatics. She also works in the pediatric outpatient clinic and covers the inpatient service at Shriner's Hospital. Her research interests include Information System Improvement and Data Analytics, in addition to her work on Quality Improvement (QI) projects and Infectious Disease. Her projects include initiatives for optimizing functionality and usage of EHR (Electronic Health Records) and clinical decision support from evidence based practices and data analytics. She also continues to update Infectious Disease chapters on Medscape and the updated version of the department's Case Based Pediatric textbook, for which she is a chapter author and one of the section editors. Dr. Chen is the IT physician facilitator for EHR Pediatric, Clinical Laboratory, Critical Care, Research, Beacon (Hematology-Oncology) Workgroups and physician liaison for Seattle Cancer Care Alliance. She is a JABSOM medical student

mentoring program POD advisor and a faculty advisor for the JABSOM Clinical Informatics Medical Student Interest Group and Partnership for Social Justice. In her free time, she enjoys exploration in medical missions.

Diane Ching, MD is a 0.6 FTE UH assistant professor with special interests in medical education and procedures. Dr. Ching serves as the medical student inpatient rotation director and plays an active role on the PEDS committee. She also serves as a medical student preceptor and facilitates various medical school education sessions such as simulation sessions and sessions to improve patient care. She serves as the pediatric hospitalist representative for the Radiology SOE committee. Dr. Ching has been working alongside Dr. Tiffany Wang in a quality improvement project to increase pediatric mobility for hospitalized patients. The effort has included providing education to physicians and staff through various education sessions including Pediatric Grand Rounds and the creation and implementation of an order set and standardization of a protocol to increase active movement in hospitalized patients. This project has now expanded with the roll-out of the Dance Power Program, a hospital-wide initiative to bring dance as a mechanism for play, movement and self-expression for our patients. Finally, together with colleagues from Pediatric Neurology, Dr. Ching has also been working to improve seizure management through the development and implementation of the seizure order set and guidelines.

Jennifer Di Rocco, DO, MEd is a 0.8 FTE UH Assistant Professor who splits her time between clinical work as a pediatric hospitalist and her role as an Associate Program Director for the UH Pediatric Residency Program. She completed her Masters of Medical Education through Cincinnati Children's Hospital/The University of Cincinnati in April 2017. She incorporated her medical education training and now co-directs a teaching rotation for the senior residents, in addition to her prior interests and involvement in assisting struggling learners and helping pediatric residents prepare for their board examinations. She is the chair of the Clinical Competency Committee and is active in many additional department committees.

Marissa Fakaosita, MD is a 0.8 FTE UH Assistant Clinical Professor who is also the Individualized Educational Unit (IEU) Coordinator and Recruitment & Selection Co-Chair for the residency program. As the IEU Coordinator, she works with each second and third year resident on creating individualized rotation curriculum experiences to enhance their residency training exposure. Additionally, along with Dr. Allard, is the 4th year Pediatric Wards Sub-I Co-Coordinator, and very

much enjoys mentoring medical students who have decided to pursue pediatrics as a career. In collaboration with nursing and respiratory therapy staff, Dr. Fakaosita is involved in a longitudinal quality improvement project regarding the management of hospitalized children with bronchiolitis. She has presented several teaching lectures and workshops on a variety of topics including medical student boot camps featuring sessions in medical communication skills and resident note writing and documentation. Her interests include medical education and expanding access to, and quality of, healthcare in rural areas of Hawaii. She is a resident faculty adviser and medical student preceptor. She received a Faculty Honor Roll award in 2019.

Adriana Herrera, MD, MPH is a 0.8FTE UH Assistant Professor and Hospitalist who just joined the Division this year from Florida. Her career interests include Global Health, in which she completed a fellowship, as well as medical education.

Tyler Klein, NP, is a nurse practitioner within the pediatric hospitalist who came to us from the Pediatric Intensive Care Unit. She brings with her an interest in the critically ill child and brings with her a great deal of bedside experience and patient care.

Jessica S. Kosut, MD is a 0.8 FTE UH Assistant Professor and continues in her role as the Hospitalist Division Head. Her role allows her the opportunity to oversee the day to day operations of the hospitalist division, work closely with the nursing staff of the inpatient unit, and interface with all of the departments of the hospital in an effort to continue to provide safe and effective care to our patients across their stay in the hospital. Additionally, Dr. Kosut is the Chair of the Pediatric Standards of Excellence Committee, a multidisciplinary committee which takes on numerous projects from supporting nurses in their development of protocols to the introduction of new programs, such as structuring an inpatient rehabilitation program on the inpatient unit to oversight of protocols and order sets. Dr. Kosut also is a part of the Hawai'i IDeA Center for Pediatric and Adolescent Clinical Trials and has been working with Dr. May Okihiro on understanding caregiver knowledge and attitudes about pediatric clinical trials in Hawai'i. Additionally, she is has co-written a manuscript with Dr. Natascha Ching and one of the former pediatric residents, Dr. Scarlett Johnson, on the higher proportion of disseminated cat scratch disease cases seen in Hawai'i. Dr. Kosut sits on several hospital committees, including the Pediatrics Committee and the Pediatrics Peer Review Committee. She is a medical student advisor, an advisor for the medical school Pediatric Interest Group (PIG) and a JABSOM medical student interviewer. Finally, she also sits on

the medical advisory board for the Make-A-Wish Foundation.

Jordan Kono, MD is a UH clinical assistant professor and full time Hospitalist who joined the group this year, after completing his residency at Kapi'olani. He is actively studying for his pediatrics board and is transitioning easily into his attending role.

Mae Kyono, MD is a UH Assistant Professor and full time Hospitalist. She devotes additional professional time to her early childhood grant. She is the project director and medical liaison for Healthy Child Care Hawai'i, which has been funded since 2000. She represents the Hospitalist Division on the KMCWC Community Pediatric and Peer Review Committee. She has been visiting pediatricians in the community to improve the communication and interaction with the division. She is an active member of the American Academy of Pediatrics and recently completed her tenure as the President of the Hawai'i Chapter of the AAP.

Kyra Len, MD is a full-time UH Assistant Professor and Department of Pediatrics Medical Student Director, as well as JABSOM PBL tutor, whose primary research interest lies in medical education. She is involved in several additional medical education, research, and quality improvement projects. Her recent MOC4 project for Pediatric Preceptors has worked on faculty development for Pediatric Preceptors as well as awarding them MOC4 credit for the work they do with medical students. She is the JABSOM junior faculty representative for the Council of Faculty and Academic Societies with the AAMC, chairs the JABSOM Pediatric Medical Student Curriculum Committee, serves as the current chair of the JABSOM Curriculum Committee and is also the Longitudinal Clerkship Director for JABSOM. She is active in medical student and resident education. She also serves on multiple hospital, department and medical school committees. She is also a resident advisor, faculty advisor for the Pediatric Interest Group and serves as an advisor for students interested in a career Pediatrics.

James Lin, MD is a full time UH Assistant Professor who is board certified in both Pediatrics and Clinical Informatics. He divides his time between clinical work as a Pediatric Hospitalist and his role as Director of Medical Informatics for Hawai'i Pacific Health, where he focuses on information system improvement to improve health care delivery. Initiatives include optimize usage of the EMR, clinical decision support among evidence based practices, and improving usability of technology in health care. Hawai'i Pacific Health is a HIMSS Stage 7 level hospital and clinic system and a three time Davies

Award winner for use of health IT in patient care delivery.

Anna-Lena Lueker, MD is a 0.65 FTE pediatric hospitalist who also moonlights as an L&D hospitalist. She is an Assistant Clinical Professor of Pediatrics and her focuses in this capacity include medical education and global health. She acts as co-director for the Resource Resident/Resident Educator Rotation for the UH Pediatric Residency Program with Dr. Jennifer Di Rocco, is responsible for the resident wards evaluations, sits on the KMS Continuing Medical Education committee, and acts as advisor to a pediatric residents and mentors third year medical students during their pediatrics rotation. She is co-director of the Global Health Rotation for pediatric residents alongside Dr. Maya Maxym, and has traveled to American Samoa to precept third year residents rotating at LBJ Tropical Medical Center. She is also co-creator and co-medical director for the Pediatric ECHO with Dr. Maxym, which offers tele-education aimed at providing primary care providers in resource limited settings without immediate access to subspecialist consultation with the tools to better care for complex pediatric patients. As part of the pediatric hospitalist group, she also sits on the Utilization Management Committee, the Pediatric Sepsis Committee, and leads the task force responsible for the division's guideline and order set for the inpatient management of asthma.

Maya Maxym, MD, PhD is a UH Assistant Professor and full-time Pediatric Hospitalist. She is the Co-Chair of the Global Health Task Force for the Pediatric Residency Program and is currently working on developing and expanding Global Health opportunities for the pediatric residents. She is also working with interested faculty from other departments to enhance Global Health education at JABSOM. She serves as a medical student and resident advisor and has presented various lectures and small group teaching sessions to JABSOM medical students during the clinical and pre-clinical years. Other professional interests include medical education, narrative medicine, and quality improvement. She represents the division on the Revenue Cycle Committee and is also responsible for the division's guideline and order set for hyperbilirubinemia.

Barry M. Mizuo, MD is a full-time UH Assistant Professor and the Department of Pediatrics Medical Student Clerkship Director. He enjoys working closely with medical students and sits on the Department of Pediatrics medical student curriculum committee and JABSOM's Clerkship Education Committee (CEC). He has served as a Problem- Based Learning (PBL) co-tutor and a faculty advisor for the medical school's Pediatric Interest Group. Dr. Mizuo's teaching interests have also expanded to simulation education where he serves on the

Department of Pediatrics simulation task force committee, helps coordinate the 3rd year medical student simulation experience while on pediatrics, and continues to provide 4th year medical students simulation experience in performing lumbar punctures. Along with Dr. Kyra Len, he helped develop a MOC Part 4 project to help enhance the teaching skills of pediatric preceptors, as well as award them MOC Part 4 credit for their participation in the project. Dr. Mizuo served as an interviewer for JABSOM for several years and sits on the KMCWC Physician Recruitment Committee. He completed the hospital's Training in Healthcare Improvement (THI) training course this past year which provides further education on quality improvement and facilitated completion of a project focused on better usage of procalcitonin to help limit unnecessary antibiotic administration in pediatric pneumonia patients.

Cheryl Okado, MD is a full-time Assistant Professor for the University of Hawai'i School of Medicine and Assistant Division Head for the Division of Pediatric Hospitalists. She is the Vice-chair of the Pharmacy and Therapeutic committee and a member of the Infection Control, Maintenance of Certification, and Simulation Task Force committees. She serves as a Problem-Based Learning tutor for medical students, facilitates courses for handoff training and simulation training. She is Vice-President of the Hawai'i chapter of the Society of Hospital Medicine.

Shilpa Patel, MD is an Associate Professor of Pediatrics at UH. She works part time clinically as a Pediatric Hospitalist, and devotes most of her time to patient safety efforts. She is a resident advisor, a clerkship preceptor and a mentor for JABSOM students working on quality improvement/patient safety QIPS projects. She is an active member of the KMCWC Maintenance of Certification (MOC) committee and of Department of Pediatrics governance and leadership committees. She is Chair of the KMCWC Alapono committee, which reports quality improvement and patient safety (QI/PS) topics to the KMCWC Board of Directors. As Physician Liaison to the Hawai'i Pacific Health (HPH) Quality and Safety department, she leads HPH and KMCWC efforts on various topics. She is a core organizer of the inter-professional HPH Training in Healthcare Improvement

program in QI/PS. She is active with national QIPS collaboratives, the I-PASS Handoff Study Group, and is a Society for Pediatric Research member. She is the project lead for the implementation of the national I-PASS SCORE project, which is a PCORI-funded project to bring structured communication to family centered rounds at 21 diverse hospitals, in order to reduce harmful errors.

Gina V. Ramirez, MD is a full-time clinical faculty hospitalist and an assistant professor of pediatrics. She serves on the Advanced Care Planning Committee and Trauma team Committee. She enjoys precepting medical students and teaching residents. She is tasked with updating the diabetes and asthma guidelines and order sets for the division.

William Shea, MD is a full time UH assistant professor and serves half-time as a pediatric hospitalist and half-time as an internal medicine hospitalist. His research interests include clinical outcomes research in both the general pediatric and general internal medicine realms, as well as quality improvement projects. He is currently involved in the Surgical Unit-Based Safety Program (SUSP) on the adult inpatient side to reduce the rate of surgical site infections. Additionally, Dr. Shea has an interest in fever in the neonate and gives an excellent lecture to the residents on the workup of these patients and keeps this inpatient guideline and order set updated.

Tiffany Wang, MD is a 0.8 FTE UH Assistant Professor and resident ward rotation director. She is a member of the Pediatric Standards of Excellence Committee, PEC, and CCC, and represents the division in the EPIC pediatric work group. She oversees the direct observations of resident history and physicals by the hospitals, has been a third year medical student preceptor since 2015, and has been a resident advisor since 2016. Dr. Wang continues to collaborate with Dr. Diane Ching on a project entitled "1,2,3 Go!", which focuses on incorporating out-of-bed activities into a hospitalized patient's everyday routine and will now join Dr. Ching in being champions for the Dance Power Program. This project is also a part of the Surgical Unity Safety Program, for which Dr. Wang serves as the lead for Pediatric Mobility.

Pediatric Intensive Care

Rupert K.S. Chang, MD - Medical Director

John J. Harrington, III, MD - Division Chief

Updated: 11/1/2019

Division Members:

Rupert K.S. Chang, MD	Assistant Professor of Pediatrics and Medical Director
Andrew K. Feng, MD	Assistant Professor of Pediatrics
John J. Harrington, III, MD	Assistant Professor of Pediatrics and Division Chief
Prashant Purohit, MBBS	Kapi'olani Medical Specialist/Pediatric Critical Care
Len Y. Tanaka, MD, MS	Assistant Professor of Pediatrics
Konstantine P. Xoinis, MD	Assistant Professor of Pediatrics

The 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. In September, 2016 we moved into the new PICU in the recently constructed Diamond Head Tower. 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 Queen's Medical Center, and 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." Since then, 5 times a year for over 20 years, the congenital heart disease program has functioned smoothly with open-heart surgical patients and select interventional cardiac catheterization patients receiving post-procedural care in the PICU. The pediatric trauma collaborative care agreement between the Kapi'olani PICU and the Surgical/Neuro Intensive Care Unit at

Queen's Medical Center has been very successful. PICU physicians have been providing consultant assistance in the management of pediatric trauma patients hospitalized at Queen's Medical Center. With the continued development of Kapi'olani's own trauma service, we have seen more patients being admitted to the PICU for their acute care.

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.

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.

Rupert Chang, MD completed his fellowship at UCSF/Children's Hospital Oakland and joined the Critical Care Group at Kapi'olani Medical Center in 1996. He is Board certified in both Pediatrics and Pediatric Critical Care. Dr. Chang became the Medical Director and Division Chief of the PICU in the fall of 2004. In the fall of 2016, the Division Chief role was assumed by Dr. Jaime Harrington. Dr. Chang continued as PICU Medical Director. In addition to his clinical duties in the PICU, Dr. Chang works with the PICU Manager, Myra Barrientos, RN,

in overseeing the day-to-day functions of the Intensive Care Unit. Along with the other division members, he is involved in the development of quality improvement measures including the prevention of ventilator associated pneumonia, IV line infections, catheter related UTI's, and skin breakdown. Dr. Chang has also been very active providing Pediatric Critical care consultant services at Queen's Medical Center for their pediatric trauma patients and renal transplant patients. He also helped develop the PICU coverage agreement with Kaiser Moanalua Medical Center.

During his leisure time, Dr. Chang enjoys spending time with his wife and two daughters.

Andrew Feng, MD joined the PICU in March 2009 after working on the East Coast for a number of years. Dr. Feng received his Pediatric residency training here at Kapi'olani Medical Center, and served as Chief Resident from 1994 – 1995. He went on to train in Pediatric Critical Care at UCSF/Children's Hospital Oakland. He completed his training in 1998. As a PICU attending physician, Dr. Feng distinguished himself as an excellent clinician and teacher. He won a number of resident teaching awards at his previous jobs. He is also an accomplished clinical researcher.

With his years of experience, Dr. Feng has greatly enhanced the care in our PICU. He is currently overseeing the development of a Pediatric Sedation Scale for the PICU. He has also taken on a leadership role in the Pediatric Residency program, chairing the Program Evaluation Committee. He is active in outreach services, lecturing about various Pediatric Critical Care topics at referring medical centers.

During his free time, Dr. Feng enjoys being with his wife and two children.

John (Jaime) Harrington, MD joined the PICU in August 2004 after completing his fellowship in Pediatric Critical Care at UCLA in July 2004. He completed his Pediatric residency at Children's Hospital of Los Angeles and went to Cornell University Medical College. Dr. Harrington was a research fellow in Rio de Janeiro studying tuberculosis, and spent a year as a biomedical researcher in the hematology division of the West Roxbury VA hospital. In the fall of 2016, Dr. Harrington assumed the role of PICU Division Chief, overseeing the PICU group's role within Hawai'i Pacific Health and the Department of Pediatrics.

Dr. Harrington is an excellent clinician, and has extensive teaching experience. With his outstanding clinical skills,

he has greatly enhanced the care of patients in the Intensive Care Unit. Dr. Harrington oversaw the upgrade of the CVVHD program to the Prismaflex pump, and was the physician lead in the development of the Total Plasma Exchange/Plasmapheresis service at Kapi'olani Medical Center for Women & Children. He has been very active in teaching, and oversaw the Pediatric Residents rotating through the PICU from 2013-2016 before recently turning that role over to Dr. Prashant Purohit.

Dr. Harrington spends his free time with his husband and family.

Prashant Purohit, MBBS FAAP returns to us having completed his Pediatric Critical Care Fellowship at the Lucille Packard Children's Hospital Stanford. Dr. Purohit received his Medical school training in India, and did his Pediatric Residency training here at Kapi'olani Medical Center.

Along with the treatment of critically ill children in the PICU, he is passionate about improving health and health care for the children of Hawai'i by research and education. He also has tremendous experience in the transport of critically ill children by ground and by air.

Dr. Purohit is an American Heart Association certified Pediatric Advanced Life Support instructor and he is passionate about teaching cardiopulmonary resuscitation to the providers. He carries monthly mock code and yearly online module in the PICU to strengthen and refresh CPR related skills of PICU nurses and pediatric residents.

Dr. Purohit is also a part of Pulmonary Hypertension team and as a team member, he oversees the management of patients with pulmonary hypertension, at both out-patient and in-patient level.

From research aspect, Dr. Purohit is interested in studying pharmacokinetics of medications used in the PICU. His overarching goal is to improve safety and efficacy of various medications used in critically ill children.

During residency he was awarded with "Raul Rudoy, MD Chairman's Book Award" and "1st Place Faculty Award Recipient for Research". He was recently honored by the University of Hawai'i John A. Burns School of Medicine Pediatric Residency Program with the "Resident Teaching Award", for his excellence in teaching residents.

Dr. Purohit oversees the Pediatric Residents and 4th

year Medical Students during their PICU rotation. He also has become Resident Research Director for University of Hawai'i Pediatric Residency Program and member of the Resident Journal Club Directorship. He oversees the scholarly activities of the pediatric residents.

In his free time Dr. Purohit enjoys spending time with his wife and daughter.

Len Y. Tanaka, MD returned home on September 2007 after completing his Pediatric Critical Care fellowship. He graduated from the University of Hawai'i John A. Burns School of Medicine before entering into the Pediatric residency at the University of Texas Health Science Center at Houston, where he remained to do his Pediatric Critical Care training.

Since his joining the PICU, Dr. Tanaka is an educator at the medical school and with the pediatric residents. He also took on many additional responsibilities, first serving as the Assistant Director of the Pediatric Transport Team for several years, and later becoming the Medical Director of the Hanuola ECMO program of Hawai'i. In addition to leading ECMO program at Kapi'olani Medical Center, Dr. Tanaka has assisted in the management of ECMO patients at both Straub Medical Center and Queen's Medical Center.

In his free time Dr. Tanaka enjoys spending time with his wife and son.

Konstantine Xoinis, MD joined the PICU division in 2009 after completing Pediatric Critical Care Fellowship at UCSF/Children's Hospital Oakland. He did his Pediatric residency training here at Kapi'olani Medical Center for Women & Children and served as Chief Resident from 2005 – 2006.

Dr. Xoinis has varied clinical interests and has made a significant positive impact on patient care in the PICU, sharing his knowledge and insights with the rest of the division. He is the Co-Medical Director of the Pediatric Transport Team, and serves as the Chairperson of the Pharmacy & Therapeutics Committee.

In his free time Dr. Xoinis enjoys spending time with his family. Transport Team for several years, and later becoming the Medical Director of the Hanuola ECMO program of Hawai'i. In addition to leading ECMO program at Kapi'olani Medical Center, Dr. Tanaka has assisted in the management of ECMO patients at both Straub Medical Center and Queen's Medical Center.

In his free time Dr. Tanaka enjoys spending time with his wife and son.

Pediatric Specialty Division 2018-2019 Annual Report

Rhiana Lau – Division Chief

Kara Yamamoto – Associate Division Chief

Updated: 10/9/19



(From left to right) Tamara Zagustin, Jennifer King, Jeremy King, D. Venudhar Reddy, Christopher Lynch, Marian Melish, Rhiana Lau, Natascha Ching, and Andras Bratincsak.



(From left to right) Eludrizza Tabisola-Nuesca, Nicole Hodgeboom, Jennifer Concepcion, Keith Abe, Allison Przekop, and Kara Yamamoto.

Pediatric Cardiology	Andras Bratincsak, MD, PhD , Clinical Educator D. Venudhar Reddy, MB, BS, MPH , Professor of Pediatrics
Pediatric Complex Care	Pamela Almeida, PhD, APRN, NNP-BC, CPNP-PC
Pediatric Endocrinology	Jennifer Concepcion, MD , Assistant Clinical Professor of Pediatrics Eludrizza Tabisola-Nuesca, FNP-C, CDE
Pediatric Gastroenterology	Greg Uramoto, MD , Associate Clinical Professor of Pediatrics Camilla Fraga Lovejoy, MD , Assistant Clinical Professor of Pediatrics
Medical Genetics	Jeremy L. King, DO , Assistant Professor of Pediatrics Leah Dowsett, MD , Assistant Clinical Professor of Pediatrics
Pediatric Infectious Diseases	Robert Wallerstein, MD , Associate Professor of Pediatrics Marian Melish, MD , Professor of Pediatrics Natascha Ching, MD , Assistant Clinical Professor of Pediatrics
Pediatric Nephrology	Sarah Park, MD , Assistant Clinical Professor of Pediatrics Richard Yanagihara, MD, PhD , Professor of Pediatrics Susan Ingraham, MD, PhD , Assistant Clinical Professor of Pediatrics
Pediatric Neurology	Rhiana Lau, MD , Assistant Professor of Pediatrics James E. Musgrave, MD , Professor of Pediatrics Keith Abe, MD , Assistant Professor of Pediatrics
Pediatric Physiatry	Irisa Devine, MD , Assistant Clinical Professor of Pediatrics
Pediatric Pulmonology	Leon Grant, DO , Assistant Clinical Professor of Pediatrics Nicole Hodgeboom, CPNP, APRN Allison Przekop, DO
Pediatric Rheumatology	Tamara Zagustin, MD , Assistant Clinical Professor of Pediatrics Edward Fong, MD , Assistant Clinical Professor of Pediatrics Brian Wu, MD , Assistant Clinical Professor of Pediatrics
Sports Medicine	David K. Kurahara, MD , Associate Professor of Pediatrics Kara S. Yamamoto, MD , Assistant Professor of Pediatrics Jennifer R. King, DO , Assistant Professor of Pediatrics Christopher Lynch, MD , Assistant Clinical Professor of Pediatrics

The Pediatric Specialty Division is comprised of individuals with fellowship training in a diverse array of pediatric subspecialties. All of the division members participate in the residency and medical student teaching programs and many have been recognized for excellence in teaching with the University of Hawai'i Pediatric Residency teaching award. Many of our division members are active in quality improvement and clinical research activities, which often include medical students and residents. A few of the specialists are in private practice and many are employed by Kapi'olani Medical Specialists (KMS). As a group, we continue to work on strategies to improve care and collaboration for patients across our specialties as well as within the primary care and hospital settings.

Pediatric Specialty clinics are held at the Kapi'olani office building and the Hale Pawa'a Building. Some division members also provide care at other Hawai'i Pacific Health facilities, Kaiser facilities, and neighbor island outreach clinics.

Our division has continued its path of growth; this past

year we welcomed Pamela Almeida, NP in Complex Care, Dr. Jennifer Concepcion in Endocrinology, Dr. Irisa Devine, Nicole Hodgeboom, NP, and Dr. Allison Przekop in Neurology, and Dr. Tamara Zagustin in Physiatry.

PEDIATRIC CARDIOLOGY

Andras Bratincsak, MD, PhD, is a Pediatric and Adult Congenital Cardiologist, who received his Pediatric Cardiology fellowship training at the University of California San Diego with an additional 18 months of training in interventional cardiology and electrophysiology of children and adults with congenital heart disease. He had previous experience in basic research at the National Institutes of Health in Bethesda. He is enthusiastic about the education of his peers, residents and medical students. His areas of research interest include ECG analysis, Kawasaki disease and stent development.

D. Venudhar Reddy, MD, received his MD from Osmania Medical College in India and a Master's in Public Health (MPH) from UCLA. He completed an internship at Fairview Park Hospital in Cleveland and a

Pediatric residency at the University of Missouri Medical Center. After completing a fellowship in Pediatric Cardiology at UCLA medical Center, he became Chief of Maternal Child Health and Crippled Children Services for the State of Alaska and later the State of Hawai'i. He is the Section Chief for Pediatric Cardiology and Professor of Pediatrics, JABSOM. Dr. Reddy attends the pediatric ward rotation yearly. He is the Medical Director of Pediatric Cardiology at Kapi'olani Medical Center for Women and Children (KMCWC). His research interests include Kawasaki Disease, rheumatic fever and rheumatic heart disease and congenital heart defects. Dr. Reddy offers a four-week rotation in Pediatric Cardiology to pediatric residents and fourth year medical students. He also offers MS3 clerkship electives to third year medical students.

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

PEDIATRIC COMPLEX CARE

Pamela Almeida PhD, APRN, NNP-BC, CPNP-PC is both a neonatal and pediatric nurse practitioner. She is originally from Massachusetts and received her (BSN) bachelors of nursing degree from the University of Massachusetts – Dartmouth, her (MS – NNP) master of science degree from Northeastern University, her (PNP) post-masters from Maryville University and her PhD from University of Hawai'i in Biomedical Research. She previously worked at Women & Infants' Hospital and MassGeneral Hospital in the Neonatal Intensive Care Unit. She joined Kapi'olani in 2005 in the neonatal intensive care unit and in 2018 started the Pediatric Complex Care Clinic with Dr. Kara Yamamoto. As the Pediatric Complex Care NP she provides both out-patient and in-patient services assisting the medical team and families with the care coordination of children with complex medical needs. She has held leadership positions in the Hawai'i Chapter of Neonatal Nursing and a not-for-profit, Caring for Hawai'i Neonates. She an invited speaker and has provided guest and keynote lectures at advanced practice neonatal nursing conferences. She has participated as a volunteer in HAPA – Hawai'i Adaptive Paddling.

PEDIATRIC ENDOCRINOLOGY

Jennifer Concepcion, MD recently moved back to Hawai'i. She attended University of Hawai'i for her medical school education. She completed her Pediatrics residency at the Childrens Hospital of Orange County, in CA, and her Pediatric Endocrinology fellowship at the University of California San Diego/Rady's Childrens Hospital. Her professional interests include precocious

puberty, autoimmune thyroid disorders, growth issues.

Drizza Tabisola-Nuesca, FNP-C, CDE joined the pediatric endocrinology practice in 2015. She received her Family Nurse Practitioner (FNP)/master's degree from the Hawai'i Pacific University, in 2015. She has been passionate with Type 1 Diabetes since working with the Pediatric Endocrinology Clinic at Tripler Army Medical Center since 2006. She enjoys keeping up to date with diabetes technology and the current trends with diabetes. She has participated in several research studies and has been active in the community to help with education of the nurses taking care of the children with diabetes in school and being a speaker at conferences.

Greg Uramoto, MD, is a member of our Clinical Faculty and is an alumnus of JABSOM and our Pediatric Resident Program. His fellowship training was at the Mayo Clinic in Rochester, MN. He has written textbook chapters on Diabetes Mellitus.

Pediatric Endocrinology is offered as an elective for Pediatric residents.

PEDIATRIC GASTROENTEROLOGY

Camilla Fraga Lovejoy, MD recently moved to Hawai'i and joined Dr. Jeremy King in the Pediatric Gastroenterology practice. She attended the Federal University of Minas Gerais in Brazil for her medical school education. She completed her Pediatrics residency at the Miami Children's Hospital and her Pediatric Gastroenterology fellowship at the University of Oklahoma. Her professional interests include nutrition, eosinophilic esophagitis and allergic diseases, intestinal failure and inflammatory bowel disease.

Jeremy L. King, DO, is an Assistant Professor of Pediatrics and completed his fellowship in Pediatric Gastroenterology at the Nemours/Alfred I. duPont Hospital for Children in Wilmington, Delaware. He has busy outpatient and inpatient services at KMCWC and includes the teaching and training of pediatric residents in these activities. Dr. King has written extensively about different issues of Pediatric Gastroenterology and collaborates with the Department of Nutrition at the University of Hawai'i.

Pediatric Gastroenterology is offered as an elective for Pediatric residents.

MEDICAL GENETICS

Leah Dowsett, MD joined the Medical Genetics practice in Sept 2017. She completed her undergraduate studies at the University of Southern California where she majored

in Biological Sciences and Psychology. She attended the University of Hawai'i John A. Burns School of Medicine for medical school and completed her Pediatrics Residency with the Hawai'i Residency Program. She completed her Medical Genetics and Genomics fellowship at The Children's Hospital of Philadelphia before returning home to Hawai'i. Her professional interests include clinical genetics, dysmorphology and improving genomic health disparities in underrepresented minority populations.

Robert Wallerstein, MD joined the faculty in July 2016 as medical director of Hawai'i Community Genetics. He comes from Santa Clara Valley Medical Center in San Jose, California. He is an Associate Clinical Professor of Pediatrics at John A. Burns School of Medicine. He completed his undergraduate and graduate medical training in Pediatrics at Rutgers-Robert Wood Johnson School of Medicine in New Jersey and his Medical Genetics training at Thomas Jefferson Medical College in Philadelphia. His clinical and research interests include dysmorphology/syndrome identification, craniofacial disorders, hereditary cancer, and the application of new genetic testing technologies. He provides both outpatient and inpatient consultation at KMCWC and other hospitals and will be providing outreach clinics to neighbor islands neighbor islands as part of the collaboration with the Department of Health. Dr. Wallerstein left the division in February 2019.

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 is very active both clinically and in research. Led by Dr. Marian E. Melish, who has been in this Department for more than 40 years, the members support a very active clinical service, which includes both inpatient and outpatient services and also provide significant support to the community in the form of telephone consultations. From an organizational perspective, the membership also supports the Infection Control and Prevention Department of Kapi'olani Medical Center for Women and Children including preparedness for New and Emerging Infectious Diseases. The elective in infectious diseases is a highly sought rotation amongst both medical students and residents, as the clinical cases span not only all of Hawai'i but also the entire Pacific Basin. The members also coordinate three annual grand

rounds for the Department of Pediatrics and numerous ID case conferences throughout the year

Dr. Marian E. Melish is a tenured Professor in the Department. In addition to being a very astute physician supporting the clinical activities of the section, she is also very active in research and her current active research projects include studies in Kawasaki Disease and eosinophilic meningitis or neuroangiostrongyliasis caused by the rat lungworm (*Anglylostrongylus cantonensis*). She is also a world renowned expert of staphylococcal diseases.

Dr. Natascha Ching is an Assistant Professor in the Department. In addition to her clinical activities, she is the liaison for the Infection Control and Prevention Department at the Hospital. She also leads the efforts on Pediatric antibiotic stewardship program at Hawai'i Pacific Health, and the Pediatric Department's Taskforce on Careers in Medicine to encourage high school and college students to pursue careers in medicine with an emphasis in Pediatrics. She is actively working on research involving acute infections, their diagnosis and management with multitude of college students, medical students and pediatric residents.

Dr. Sarah Park is a Clinical Assistant Professor in the Department. She is the Hawaii State Epidemiologist and has been active in this role with the evaluation and control of the vaccine-preventable infectious diseases in the State.

Dr. Richard Yanagihara is a tenured Professor in the Department. He is a full time researcher who is based at the School of Medicine and is active with many research infrastructure grants and also international investigations on new and emerging infectious diseases, particularly those caused by zoonotic viruses.

PEDIATRIC NEPHROLOGY

Susan Ingraham, MD, PhD joined the division of Pediatric Nephrology in September 2016. Previously, she was an attending nephrologist and NIH-funded investigator at Nationwide Children's Hospital in Columbus, Ohio. She provides both inpatient and outpatient consultations in all areas of pediatric nephrology, and enjoys traveling from Oahu to the neighbor islands. Her particular areas of expertise are obstructive nephropathy and congenital anomalies of the kidney and urinary tract. Other interests she hopes to pursue at KMCWC and JABSOM include resident education and collaborative clinical research.

Rhiana Lau, MD is an Assistant Professor of Pediatrics and the Section Chief of the Pediatric Specialty Division. She attended medical school at the University of Minnesota. She returned to Hawai'i after completing her pediatric residency and pediatric nephrology fellowship training at UCLA. She enjoys working with both the residents and medical students rotating at KMCWC and

on the pediatric nephrology rotation. In addition to clinical interests in acute kidney injury, obesity-related hypertension, and improving patient compliance, she also has an interest in quality improvement.

James E. Musgrave, MD, is a Professor of Pediatrics, and the Division Chief for Pediatric Nephrology. He conducts a pediatric nephrology clinic. He attends one month of the year on the pediatric ward rotation. Dr. Musgrave's research interests involve drug trials in pediatric patients with hypertension and epidemiology of pediatric nephrology problems in Hawai'i.

Collectively, the pediatric nephrology service offers consultative services at KMCWC and other hospitals, neighbor island outreach clinics, and a nephrology clinic at the Hale Pawa'a office.

A Pediatric Nephrology rotation is offered to Pediatric residents. A combined nephrology and rheumatology elective is offered to Pediatric residents and MS4 students. MS3 students have the opportunity to shadow in clinic on their outpatient pediatric rotation.

PEDIATRIC NEUROLOGY

Keith Abe, MD is an Assistant Professor of Pediatrics and provides inpatient and outpatient neurology consultation services. He completed medical school and Pediatrics residency training at JABSOM and returned to Hawai'i after completing his child neurology training at Stanford University. He is board certified in pediatrics, neurology with special qualifications in child neurology, and epilepsy. Dr. Abe's clinical interests include seizures and epilepsy, encephalitis, demyelinating disease, pediatric stroke and neurogenetic disorders. Dr. Abe provides teaching for residents, medical students, and premedical students and serves on the physician advisory board for the Epilepsy Foundation of Hawaii and the Make-A-Wish Foundation.

Irisa Devine, MD joined the neurology group in 2019 and is an Assistant Professor of Pediatrics where she provides outpatient neurology consultation services. Dr. Devine completed her medical school training at the University of Wisconsin and pediatric neurology residency at Mayo Clinic Jacksonville. She also completed a fellowship in Clinical Neurophysiology/EMG at Mayo Clinic Jacksonville. She is board certified in neurology with special qualifications in child neurology and clinical neurophysiology and electrodiagnostic medicine. Dr. Devine provides teaching for residents and medical students. Her clinical interests include pediatric EMG/nerve conduction studies and neuromuscular diseases (e.g., muscular dystrophies,

hereditary neuropathies, spinal muscular atrophy, myasthenia gravis, myopathies).

Leon Grant, DO, MS, MPH is an Assistant Professor of Pediatrics with the division of Pediatric Neurology. He completed his Pediatric Neurology fellowship and his Pediatric residency at the University of Texas Medical Center - Houston. He has graduate degrees in Public Health and Science in Clinical Oncology. He practices with Dr. Abe in outpatient and inpatient settings at KMCWC, interprets EEGs and teaches pediatric residents and medical students. His interests include seizures, headaches, metabolic and mitochondrial disorders. Dr. Grant left the division in Dec 2018.

Nicole Hodgeboom, CPNP, APRN joined the neurology group in 2019. She received her pediatric nurse practitioner (PNP)/master's degree from the University of California, San Francisco (UCSF) in 2004. Her previous work experience has been with Pediatric Neurosurgery at Stanford Children's health, where she was the epilepsy surgery lead and involved in the multi-disciplinary Spina Bifida clinic. While working at UCSF, she was a PNP in pediatric pain and palliative care, as well as pediatric liver transplant. Her clinical interests include headache, ADHD and pre and post neurosurgery procedures. She believes laughter is often the best medicine and strives to improve the quality of life for children and families she cares for.

Allison Przekop, DO joined the neurology group in 2019 and is an Assistant Professor of Pediatrics where she provides outpatient neurology consultation services. Dr. Przekop completed medical school training at Western University of Health Sciences, internal medicine residency at Berkshire Medical Center, and Pediatrics residency at Loma Linda University. She completed her Child Neurology residency at Loma Linda University Medical Center and a fellowship in Adult and Pediatric Movement disorders at Stanford University. She is board certified in neurology with special qualifications in child neurology. Dr. Przekop provides teaching for residents and medical students. Her clinical interests include pediatric movement disorders (e.g. tic disorders, dystonia, chorea, myoclonus, cerebral palsy) and use of botulinum toxin and deep brain stimulation for the management of movement disorders.

Pediatric Neurology is offered as an inpatient-outpatient elective to Pediatric residents by Dr. Abe, Dr. Devine, and Dr. Przekop.

PEDIATRIC PHYSIATRY

Tamara Zagustin, MD, is a Pediatric and Adult physiatrist with additional expertise in Brain Injury

Medicine, who received her Pediatric Rehabilitation Medicine fellowship training at the University of Colorado at the Colorado Children's Hospital. Her initial Physical Medicine and Rehabilitation training was done at the Universidad Central de Venezuela, where she then practiced 7 years before relocating to North America and retraining at the University of Arkansas for Medical Sciences (Little Rock). She has had the opportunity to work at Rady's Children's Hospital in San Diego, Queen Elizabeth Hospital in Prince Edward Island (Canada), British Columbia Children's Hospital in Vancouver (Canada) and at the Children's Health Care of Atlanta where she was program director of the Emory University Pediatric Rehabilitation Medicine fellowship. She enjoys partnering with her patients, families, peers, health providers, residents and medical students to provide the best care to those with complex rehabilitation needs.

PEDIATRIC PULMONOLOGY

Edward Fong, MD, is an Assistant Clinical Professor of Pediatrics. He received his medical degree from the University of Hawaii-Manoa John A. Burns School of Medicine. He completed his Pediatric internship and residency as well as his Pediatric Pulmonology Fellowship at the University of Arizona in Tucson, Arizona. During his fellowship, Dr. Fong was awarded a National Institute of Health K30 Clinical Research Curriculum Award. He also completed the University of Arizona Clinical Research Training Program. Dr. Fong joined Kapi'olani Medical Specialists after being in the Bay Area and attending at California Pacific Medical Center (CPMC) in San Francisco, University of California Benioff Children's Hospital at Oakland (UCBCHO), and John Muir Medical Center (JMMC) in Walnut Creek, California. In addition, Dr. Fong has held academic positions as an Assistant Clinical Professor of Pediatrics at both UCSF and Stanford University. Dr. Fong is an avid teacher and lecturer, including having mentored 8 pediatric pulmonary fellows prior to returning to Hawaii. He has given international and national lectures on the respiratory manifestations of Morquio A Syndrome. He has held leadership positions at CPMC, UCBCHO as well as at Stanford. Currently, he is the Medical Director of Kapi'olani Medical Center for Women and Children's Respiratory Care Department, including the Pulmonary Function Laboratory.

Brian Wu, MD, is a Pediatric Pulmonologist who received his Pediatric Pulmonary Fellowship training at the University of California San Francisco. He is originally from O'ahu and completed his Pediatric Residency training at the University of Hawai'i Pediatric Residency Program. He holds a certificate in Advanced Training in Clinical Research from UCSF. In addition to

providing pediatric pulmonary inpatient and outpatient services, he also provides care for adult patients with cystic fibrosis. He is an Assistant Clinical Professor at the University of Hawai'i. Dr. Wu is an advisory member for the Make-A-Wish Foundation and the Leahi Fund Committee. His passion is clinical care but also enjoys teaching interested residents and students.

Pediatric Pulmonology is offered as an elective for Pediatric residents.

PEDIATRIC RHEUMATOLOGY

David K. Kurahara, MD, is an Associate Professor of Pediatrics and Division Chief of Pediatric Rheumatology. He is also Program Director for the Pediatric Residency program. His research work is in autoantibody production in Rheumatic Fever, and he collaborates with a PhD investigator at the University of Hawaii, which work led to an article published in the Journal of Pediatric Infectious Disease this year. He is also working on manuscripts in resident research and career choices, which was helped by his directorship of the pediatric resident research program for the Department of Pediatrics. He has a team of pre-medical undergraduates helping with these projects, of which he provides direction, mentorship, and experience for them in developing and writing medical manuscripts for publication. He is treasurer and a board member of HPAREF (Hawai'i Pediatric Association Research and Education Foundation) and also on the medical advisory board for the Make-A-Wish Foundation.

Kara S. Yamamoto, MD is an Assistant Professor of Pediatrics and co-section chief of the Pediatric Specialty Division. She works with the Pediatric Residency Program and John A Burns School of Medicine Students. She is the Pediatric Rheumatology Rotation director which is offered as an elective for fourth year Medical Students and Pediatric Residents. Third year medical students on their pediatric clerkship may also rotate through her clinic. She and Dr. David Kurahara provide care for Pediatric Rheumatology patients at the Kapi'olani Medical Specialists Clinics at Hale Pawa'a and the Kapi'olani Medical Center for Women and Children. She is also involved with the Pediatric Complex Care Clinic at Kapi'olani Medical Center for Women and Children. She is a co-facilitator for CATCH (Community Access to Child Health) for the State of Hawai'i, which is sponsored by the American Academy of Pediatrics. Dr. Yamamoto is a board member of the Arthritis Foundation of Hawai'i and serves in an advisory role for children with rheumatic diseases. She volunteers with the medical staff of the Special Buddies Camp.

SPORTS MEDICINE

Jennifer R. King, DO, is an Assistant Professor of Pediatrics and has been involved with numerous collegiate and professional sports teams in her career. She has provided Sports Medicine coverage for events as diverse as the New York City Marathon to Professional Volleyball and Little League Baseball. Dr. King is a medical advisor for the Hawai'i Concussion Assessment and Management Program and for the Sports Medicine Advisory Committee for HHSSA. She has a high interest in Dance Medicine. She practices with the KMS Pediatric Orthopedics group of Dr. Robert Durkin, Dr. William Burkhalter and Dr. Christopher Lynch.

Christopher Lynch, MD is an Assistant Clinical Professor of Pediatrics and completed his pediatric residency at UC Irvine/Children's Hospital of Orange County combined program and his sports medicine fellowship at the University of Hawai'i at Mānoa. He volunteers in the community as team physician for local high schools and as sideline physician for UH baseball. Dr. Lynch is a regular speaker at sports medicine conferences on island has a special interest in shoulder injuries and the aquatic athlete. He practices with the KMS Pediatric Orthopedics group with Dr. Robert Durkin, Dr. William Burkhalter and Dr. Jennifer King.

Pediatric Sports Medicine is offered as an elective to Pediatric residents and MS4 students. It is offered as part of the outpatient pediatric rotation for MS3 students. The UH Sports Medicine Fellow and Family Medicine residents rotate through the clinic as part of their training.

New Division Members who have started in the 2019-2020 academic year

Rachel A. Coel, MD, PHD, FAAP, CAQSM is a sports medicine physician board-certified both in general pediatrics and in sports medicine. She specializes in concussion, fracture care, and the prevention and treatment of all sports injuries. Dr. Coel serves as a team physician for Hawaii Pacific University, Chaminade University, Roosevelt High School, Hawai'i Baptist Academy, and Le Jardin Academy. Dr. Coel is a Clinical Assistant Professor of Pediatrics at the University of Hawai'i, John A. Burns School of Medicine. Dr. Coel grew up in Kailua, Hawaii and graduated from Punahou School. She earned her undergraduate degree at the University of California at Berkeley and her M.D./Ph.D. degrees at the University of Illinois at Urbana-Champaign (Ph.D. in Social Work). Dr. Coel completed her general pediatrics residency at Children's Hospital Los Angeles and her sports medicine fellowship at the University of Colorado. Dr. Coel's previous roles

included serving as the co-medical director of the sports medicine program at Children's Hospital Colorado and as Medical Director of the Center for Sports Medicine at Queen's Medical Center. On her free time, Dr. Coel enjoys surfing, hiking, biking, outdoor sports, eating dessert, and spending time with her husband, daughter, and son.

Anticipated Division Members who will be starting in the 2019-2020 academic year

Melissa Yamauchi, MD – Pediatric Cardiology

Abstracts/Posters and Presentations

Abstracts/Posters:

Abe K, Chinen K, Kinoshita H, Dowsett L, Wada R, Kyono W, Glaser D, Jensen J, Medeiros D, Hutchins K. Acute Myeloid Leukemia with MLL Gene Rearrangement INS(10;11) and 16p11.2 Microdeletion Syndrome. Poster presentation accepted to the American Society of Pediatric Hematology/Oncology Meeting. New Orleans, LA. May 3, 2019.

Carter L, Battaglia A, Cherry A, Manning M, Bird L, **Dowsett L**, Graham J, Alkuraya F, Hashem M, Dinulos M, Vallee S, Adam M, Glass I, Beck A, Rhuzhinikov M, Stevens C, Zackai E, McDougall C, Keena B, Hudgins L. Perinatal Phenotype of 1p36 Deletion Syndrome. David W. Smith Annual Workshop Banff, Canada. August 2018. **Dowsett L**, Wallerstein W, Takemoto M, Aiyar L, Dreike S, Lee S, Hasegawa-Evans L. Whole Exome Sequencing in the Pacific Pediatric Population. Poster presentation accepted to the American College of Medical Genetics Meeting. Seattle, WA. April 4, 2019.

McClanahan E and **Zagustin T**. Combined toxin and phenol/ethanol neurolysis in children; a retrospective study. Association of Academic Physiatrist Annual Conference. San Juan, Puerto Rico. Feb 2019.

McClanahan E and **Zagustin T**. Intra-articular hip joint injections in children with chronic painful dislocated hips with phenol 5-6% or ethanol 50%; a retrospective study. Association of Academic Physiatrist Annual Conference. San Juan, Puerto Rico. Feb 2019.

Wadia R, Tablizo MA, **Fong EW**. AFACT: The use of inhaled Aztreonam to eliminate or decrease the bacterial burden of Pseudomonas Aeruginosa in Children with a Tracheostomy Tube. American Thoracic Society Conference. Dallas, Texas. May 2019.

Presentations:

Abe K. “Rethinking What We Were Taught In Medical School – Neurogenetics Case Studies.” Kapi‘olani Pediatric Grand Rounds. Honolulu, HI. Sept 20, 2018.

Bratincsak A. “Mind the Gap! Transition adolescents with chronic pediatric conditions.” Hawai‘i Pacific Health Nurses Conference. Honolulu, HI. Sept 2018.

Bratincsak A. “Adult Congenital Heart Disease.” Hawai‘i Pacific Health Board of Managers Conference. Honolulu, HI. 2018.

Bratincsak A. “3D Models in the treatment of adults with congenital heart disease.” CATCH 5: Caring for Adults and Teens with Congenital Heart Disease. Hawai‘i Pacific Health. Honolulu, HI. Jan 2019.

Bratincsak A. “Genetics of congenital heart disease.” CATCH 5: Caring for Adults and Teens with Congenital Heart Disease. Hawai‘i Pacific Health. Honolulu, HI. Jan 2019.

Bratincsak A. “A New Foundation of ECG Analysis in Youth.” 40th Heart Rhythm Scientific Sessions. San Francisco, CA. May 2019.

Bratincsak A. “The Influence of Epigenetics of Electrophysiologic Disease.” 40th Heart Rhythm Scientific Sessions. San Francisco, CA. May 2019.

Dowsett L. “Genetics and Genomics in Underrepresented Minorities.” Invited speaker, Plenary Panelist. Pacific Region Indigenous Doctor’s Congress. Hilo, Hawai‘i. July 17, 2018.

Fong E. “Cough! What Is It Good For?” Kapi‘olani Pediatric Grand Rounds. Honolulu, HI. March 7, 2019. Pediatric Specialty Division Department of Pediatrics, Annual Report 2018-2019

Ingraham S. “Pee and BP: Common Nephrology Issues in Pediatrics. Kapi‘olani Pediatric Grand Rounds. Honolulu, HI. January 10, 2019.

King Jennifer. “Early Sports Specialization.” Kapi‘olani Pediatric Grand Rounds. Honolulu, HI. May 2, 2019.

King Jeremy. “Brains, Guts, Toxic Waste.” Kapi‘olani Pediatric Grand Rounds. Honolulu, HI. December 13, 2018.

Lynch C. “Scoliosis: Physical Exam, Indications for Imaging, and Self- Impressions.” Hawai‘i Pacific Health Backbones in Pediatric Musculoskeletal Conditions. Honolulu, HI. Nov 2018.

Lynch C. “Shoulder and Elbow Injuries in Adolescent Throwing Athletes.” Hawai‘i Pacific Health Sports Medicine Symposium. Honolulu, HI. May 2019.

Lynch C. “Community Service and Pediatric Sports Medicine.” Summer Medical Problem Solving at John A. Burns School of Medicine. Honolulu, HI. June 2019.

Kurahara D. “ANA and Lupus.” Kapi‘olani Pediatric Grand Rounds. Honolulu, HI. December 20, 2018.

Tabisola-Nuesca E and Uramoto G. “Type I Diabetes Updates.” Kapi‘olani Pediatric Grand Rounds. Honolulu, HI. August 30, 2018.

Zagustin T. “Session on phenol/ethanol for spasticity management.” Association of Academic Physiatrist Annual Conference. San Juan, Puerto Rico. Feb 2019.

Zagustin T. “Workshop on use of ultrasound for guidance in spasticity management.” Association of Academic Physiatrist Annual Conference. San Juan, Puerto Rico. Feb 2019.

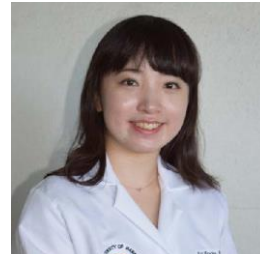
Training Program Highlights

UNIVERSITY OF HAWAII

PEDIATRIC Graduate Career Choices (Class of 2019)



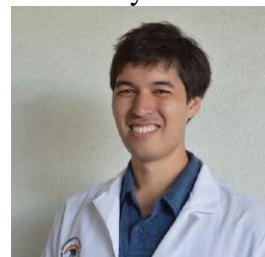
August Boeglin, MD
Pediatric Hospitalist, Doyelstown, Pennsylvania



Yuri Endo, MD
2019-2020 Co-Chief Resident,
University of Hawaii



Scarlett Johnson, MD
Pediatric Hospitalist Fellowship at Medical
University of South Carolina,
Charleston, South Carolina



Jordan Kono, MD
Pediatric Hospitalist, Honolulu, Hawaii



Kevin Makino, MD, PhD
Child & Adolescent Psychiatry Fellowship at
Case Western Reserve University
Cleveland, Ohio



Mary Rose Nino, MD
General Pediatrics, Honolulu, Hawaii



Kelsey Rhodes, DO
2019-2020 Co-Chief Resident, University of Hawaii

**John A. Burns School of Medicine
Pediatric Residency Program
2018-2019**

Level 2



Sarah
Abu-Alreesh, MD



Chanel
Casamina, MD



Vinson
Diep, MD



Courtney
Gaddis, MD



Trudy
Hong, MD



Atalie
Lim, MD



Stefan
Mammele, MD



Rian
Yalamanchili, MD

Level 1



Keisuke
Abe, MD



Kriselle Gaea
Gines, MD



Lindsey
Heathcock, MD



Amy
Jenkins, MD



Rutuja
Kibe, MD



Rachel
Merrifield, MD



Rachel
Palting, DO



Rachel
Santiago, MD

John A. Burns School of Medicine/Hawaii Residency Programs, Inc.
Pediatric Residency Program
2018-2019

Incoming 2019-2020 Interns



Hanna
Distel, MD



Lauren
Ishida, MD



Matthew
Lim, MD



Jenny
Liu, MD



Jaikaran
Man Singh, MD



Erika
Noel, MD



Jihyun
Park, MD



Daniel
Truong, DO



Resident Honors/Awards July 1, 2018 – June 30, 2019

Chanel Casamina, MD –

- * **Resident Award** Recipient (in recognition & chosen by Fellow Residents for their COMPASSION & FELLOWSHIP TOWARDS OTHER RESIDENTS)

Vinson Diep, MD –

- * **Nightingale Award** Recipient (in recognition of EXCELLENT COMMUNICATION with Nurses, Dedication and Outstanding Patient Care.

Trudy Hong, MD –

- * **Chief Award** Recipient (in recognition & chosen by Chief Resident for Volunteerism, Initiative & Quest for Knowledge)

Scarlett Johnson, MD –

- * **Dr. Venu Reddy & Dr. Vijaya Reddy Resident Achievement Award** Recipient (in Recognition of OUTSTANDING EDUCATIONAL ACHIEVEMENTS & MODEL PERFORMANCES of Duties as a Pediatric House Officer for other residents in the commitment to teaching and service.
- * **Dr. Venu Reddy & Dr. Vijaya Reddy Sponsored Faculty's Award for Academic Excellence** Recipient (in recognition of OUTSTANDING EDUCATIONAL ACHIEVEMENTS & DEMONSTRATES STRONG ACADEMIC QUALITIES in Pediatrics)
- * **Calvin C.J. Sia, MD Community Pediatrics Advocacy Award** Recipient (in recognition for being an OUTSTANDING Pediatric Resident who inspires EXCELLENCE AND TIRELESS DEDICATION in COMMUNITY PEDIATRICS)
- * **Pediatric Infectious Diseases Excellence Award** Recipient (in recognition of Exceptional Dedication to the project, "The Scope of Mycoplasma Pneumoniae Pneumonia Diagnosed by Multiplex Polymerase Chain Reaction Respiratory Viral Panel in Pediatric Patients in Hawai'i")
- * **Kenneth M. Ash, MD Neonatal Intensive Care Unit Resident Award** Recipient (in recognition of Exceptional Dedication to NICU patients and

their families, colleagues, and the medical profession exemplifying Kenneth M. Ash, MD

Jordan Kono, MD –

- * **Hospitalist Award** Recipient (in recognition of Honorarium Of Superb Pediatric Inpatient Teamwork and Leadership In successful Teams)

Kevin Makino, MD –

- * **George William Starbuck, MD Award** Recipient (in recognition of OUTSTANDING EDUCATIONAL ACHIEVEMENTS & MODEL PERFORMANCES Exemplifying George William Starbuck, MD (interested in psychosocial problems, demonstrating humanity, concern for social issues, child health & welfare)

Mary Rose Nino, MD –

- * **Ralph Platou, MD Award** Recipient (in recognition of OUTSTANDING EDUCATIONAL ACHIEVEMENTS & MODEL PERFORMANCES Exemplifying Ralph Platou, MD (interested in General Pediatrics, serving as a Role Model for someone in Pediatric Practice)
- * **2019 Resident Excellence Teaching Award** Recipient (in recognition of outstanding teaching of medical students)

Rachel Santiago, MD –

- * **Dr. Venu Reddy & Dr. Vijaya Reddy Sponsored Chairman's Book Award** Recipient

Resident Research Infrastructure

Aloha and welcome to the Research Webpage of the University of Hawaii Pediatric Residency Program. Thank you for your interest in research and in our program. We would like to introduce ourselves and provide you with both the research expectations and resources at our program.

Both the Accreditation Council for Graduate Medical Education (ACGME) and the American Board of Pediatrics (ABP) encourages resident research activities, but they do not mandate it. Our program, however, does require residents to complete some scholarly activity to meet graduation requirements. The research work expected spans a variety of levels based on each resident's specific interests and post-residency goals. Any one of the following would meet the scholarly activity expectation for graduation .

- 1) Become a part of an ongoing prospective trial or a retrospective cohort analysis**
 - a. Your research mentor can support your contribution enough for graduation with or without offering you a co-authorship.
- 2) Initiate your own prospective trial or a chart review project**
- 3) Submitting a project for Institutional Review Board (IRB) approval**
- 4) Grant/funding approval**
 - a. This remains a huge challenge in the world of research in any field even for senior researchers with plethora of grants and publications. We don't expect a resident to get funding approved. However, if you can, it will be considered a highly respectable scholarly activity.
- 5) Case report (publication is encouraged but not mandatory)**
 - a. Working with your research mentor on an interesting case with appropriate literature review with manuscript preparation and a presentation on Raul Rudoy Research Day is required.
- 6) Any Quality Improvement (QI) or an Advocacy Project**

To help support our research program residents have regular support from our Research Team, a team of faculty members actively involved in research and enthusiastic to support residents in their scholarly activity. The Research Team meets with residents quarterly with specific goals and objectives intended to insure each resident has the resources, tools, and support to meet the scholarly activity expectations of the program. These meeting goals and objectives are detailed here (insert link or page title here).

The Research Team, along with the leadership of Dr. Dominic Chow, also assists with the Residents' Journal Club. Residents work with a member of the Research Team to select articles for journal club and the faculty members also participate in active discussion during the actual presentation.

Meet the Research Team

Our team is comprised of faculty members and staff who are enthusiastic to support residents in their scholarly activities. Feel free to reach out to any of us with your research related questions.

Faculty

Prashant Purohit, MB, FAAP

Research Director and Attending Physician, Pediatric Critical Care Medicine

prashant.purohit@kapiolani.org

David Kurahara, MD

Program Director and Associate Professor, Pediatric Rheumatology

davidk@kapiolani.org

Loren Yamamoto MD, MPH, MBA

Professor and Associate Chair of Finance, Pediatric Emergency Medicine

loreny@kapiolani.org

Bruce Shiramizu, MD

Professor, Departments of Tropical Medicine, Medical Microbiology and Pharmacology; Pediatrics

John A. Burns School of Medicine

bshirami@hawaii.edu

Kara Wong-Ramsey, MD

Assistant Professor of Pediatrics, Attending Physician, Neonatal-Perinatal Medicine

Kara.wongramsey@kapiolani.org

Global Health Initiatives/Activities in the Residency Program

Drs. Anna-Lena Lueker and Maya Maxym co-direct the Global Health initiatives for the Department of Pediatrics and the Pediatric Residency Program. Activities are focused on creating a variety of educational opportunities for students and residents, as well as coordinating away rotations for third year residents. In 2019, Dr. Gus Boeglin participated in a very successful away rotation at LBJ Tropical Medical Center in American Samoa, while Dr. Scarlet Johnson traveled to Laos to spend a month teaching and learning with Laotian doctors training in Pediatrics at Lao Friends Hospital for Children in Luang Prabang. We anticipate 3 senior residents participating in the American Samoa rotation in 2020 and are in the process of recruiting faculty members who are interested in precepting residents and sharing their expertise with colleagues at LBJ. In addition, we continue to explore other options for Global Health electives for our residents. Drs. Lueker and Maxym have worked to formalize a curriculum for pre-departure training and post-return debrief that follows best practices laid out by the ABP, CUGH, and others.

2019 also saw the launch of twice yearly, multidisciplinary inter-residency Academic Half Day sessions, which have been very well received and covered a variety of topics from Adolescent Gynecology to Human Rights in the Philippines, the Medical-Legal Partnership at KKV, and many others. Members of the Department of Pediatrics also participate in several university-wide GH committees and activities. Finally, Drs. Lueker and Maxym also started up Hawaii's first pediatric ECHO tele-education program, which is anticipated to continue into 2020 and hopefully beyond. This program works to spread subspecialist knowledge to primary care providers and others in the community, including on the neighbor islands and throughout the Pacific, with the goal of improving patient care and decreasing unnecessary transfers and referrals.

Sample of Resident Academic Half Day Schedule

Department of Pediatrics AHD Schedule July 2018						
DATE	TIME	LOCATION	TOPIC	SPEAKER	DIVISION	
Wednesday 07/04/18	12:30-1:30	758	Holiday			
	1:30-2:30	758	Holiday			
	2:30-2:45	758	Holiday			
	2:45-3:45	758	Holiday			
	3:45-4:45	758	Holiday			
DATE	TIME	LOCATION	TOPIC	SPEAKER	DIVISION	
Wednesday 07/11/18	12:30-1:30	758	Status Epilepticus & Seizures	Dr. Gregory Yim	NEURO	
	1:30-2:30	758	Board Review	Dr. Jennifer Di Rocco		
	2:30-2:45	758	15 minute Break			
	2:45-3:45	758	IEU Updates	Dr. Marissa Fakaosita		
	3:45-4:45	758	Pediatric Cardiac emergencies	Dr. James Sim	CARD	
DATE	TIME	LOCATION	TOPIC	SPEAKER	DIVISION	
Wednesday 07/18/18	12:30-1:30		ITE			
	1:30-2:30		ITE			
	2:30-2:45		ITE			
	2:45-3:45		ITE			
	3:45-4:45		ITE			
DATE	TIME	LOCATION	TOPIC	SPEAKER	DIVISION	
Wednesday 07/25/18	12:30-1:30	758	Advisor Lunch			
	1:30-2:30	758	Block Orientation		Bik Orient	
	2:30-2:45	758	15 minute break			
	2:45-3:45	758	Community Connection	Josh Levinson		
	3:45-4:45	758	Rheum Emergencies	Dr. David Kurahara	Rheum	

Department of Pediatrics AHD Schedule						
August 2018						
DATE	TIME	LOCATION	TOPIC	SPEAKER	DIVISION	
Wednesday 08/01/18	12:30-1:30		GI Bleeding	Dr. Kenneth Nagamori	GI	
	1:30-2:30		Infectious Disease Emergencies	Dr. Marian Melish & Dr. Harry Hill (VF)	ID	
	2:30-2:45	758	15 minute break			
	2:45-3:45		Psychiatric Emergencies and Behavioral Health Services at KMCVC	Dr. Ryan Lunsford	PSYCH	
	3:45-4:45		Hem/Onc for the Oncall Resident	Dr. Wade Kyono	HEM ONC	
DATE	TIME	LOCATION	TOPIC	SPEAKER	DIVISION	
Wednesday 08/08/18	12:30-1:30		PFCCS: Pediatric Fundamental Critical Care Support			
	1:30-2:30	DHT Aud,	PFCCS: Pediatric Fundamental Critical Care Support			
	2:30-2:45	CR-5,	PFCCS: Pediatric Fundamental Critical Care Support			
	2:45-3:45	6&7	PFCCS: Pediatric Fundamental Critical Care Support			
	3:45-4:45		PFCCS: Pediatric Fundamental Critical Care Support			
DATE	TIME	LOCATION	TOPIC	SPEAKER	DIVISION	
Wednesday 08/15/18	12:30-1:30	DHT Aud,	PFCCS: Pediatric Fundamental Critical Care Support			
	1:30-2:30	MED/SUR	PFCCS: Pediatric Fundamental Critical Care Support			
	2:30-2:45	G/PICU	PFCCS: Pediatric Fundamental Critical Care Support			
	2:45-3:45	conferen	PFCCS: Pediatric Fundamental Critical Care Support			
	3:45-4:45	ce rooms	PFCCS: Pediatric Fundamental Critical Care Support			
DATE	TIME	LOCATION	TOPIC	SPEAKER	DIVISION	
Wednesday 08/22/18	12:30-1:30		PFCCS: Pediatric Fundamental Critical Care Support			
	1:30-2:30	DHT Aud,	PFCCS: Pediatric Fundamental Critical Care Support			
	2:30-2:45	CR 5, 6 &	PFCCS: Pediatric Fundamental Critical Care Support			
	2:45-3:45	7	PFCCS: Pediatric Fundamental Critical Care Support			
	3:45-4:45		PFCCS: Pediatric Fundamental Critical Care Support			
DATE	TIME	LOCATION	TOPIC	SPEAKER	DIVISION	
Wednesday 08/29/18	12:30-1:30		PFCCS: Pediatric Fundamental Critical Care Support			
	1:30-2:30	DHT Aud,	PFCCS: Pediatric Fundamental Critical Care Support			
	2:30-2:45	CR 5, 6 &	PFCCS: Pediatric Fundamental Critical Care Support			
	2:45-3:45	7	PFCCS: Pediatric Fundamental Critical Care Support			
	3:45-4:45		PFCCS: Pediatric Fundamental Critical Care Support			

Department of Pediatrics AHD Schedule					
SEPTEMBER 2018					
DATE	TIME	LOCATION	TOPIC	SPEAKER	DIVISION
Wednesday 09/05/18	12:30-1:30				
	1:30-2:30	Rm 203	SIMTIKI		SIM
	2:30-2:45	JABSOM			
	2:45-3:45				
	3:45-4:45				
Wednesday 09/12/18	12:30-1:30	758	PH Basics	VP ERIC AUSTIN	VP PULM
	1:30-2:30	758	Block Orientation		Bik Orient
	2:30-2:45	758	15 minute break		
	2:45-3:45	758	R & S Intro	Denise Perez	R & S
	3:45-4:45	758	Board Review	Dr. Jen Di Rocco	Board
Wednesday 09/19/18*	12:30-1:30	758	Fetal Alcohol Syndrome	Erin Tracy	VP
	1:30-2:30	758	Resident Research #1	Dr. Prashant Purohit, Dr. Kara Wong Ramsey, Dr. Loren Yamamoto, and Dr. Bruce Shiramizu	Research
	2:30-2:45	758	15 minute break		
	2:45-3:45	758	Nephro: Hypertension	Dr. James Musgrave	Nephro
	3:45-4:45	758	GI Emergencies	Dr. Jeremy King	GI
Wednesday 09/26/18	12:30-1:30		Retreat		
	1:30-2:30		Retreat		
	2:30-2:45		Retreat		
	2:45-3:45		Retreat		
	3:45-4:45		Retreat		

Fellowship Training in Neonatal Perinatal Medicine
Jointly Sponsored by
University of Hawai'i John A. Burns School of Medicine & Tripler Army Medical Center

Program Director: Venkataraman Balaraman, MBBS

Associate Program Director: Lee Brock, MD, MAJ

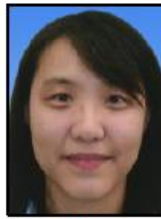
Neonatal-Perinatal Fellows

Level 1



Lauren
Staiger, MD

Level 3



Min
Hwang, DO



William
Sherman, DO

Program Overview:

This training program has two training locations; at Kapi'olani Medical Center for Women & Children (KMCWC) and Tripler Army Medical Center (TAMC). In its current format, this program has been in existence for 32 years and has trained 41 Fellows (35 Military and 6 Civilian). The goal of the program is to train fellows in an environment of inquiry and prepare them for a successful career in both clinical and academic practice in a wide variety of settings including a diverse population. Given that both the facilities get transfers from the Pacific Basin, the exposure to a wide spectrum of clinical conditions is a major strength of the program.

Program Highlights:

The training program devotes 15 months to clinical time including electives in Maternal Fetal Medicine and Cardiology. The rest of the time is devoted to basic science and clinical research, including Quality Improvement projects. Research facilities include access to Department of Clinical Investigations, Tripler Army Medical Center, and various basic researchers within the University of Hawai'i at Manoa, John A. Burns School of Medicine system.

Update for the Year:

Min Hwang, DO and William Sherman, DO successfully completed their fellowship and graduated. Dr. Hwang is posted to Walter Reed Medical Center as a Staff Neonatologist while Dr. Sherman has been posted to Tripler Army Medical Center as a Staff Neonatologist. Dr. Lee Brock was appointed as the APD for the program after Dr. Laura Keller left to return to San Antonio as a Staff Neonatologist. Dr. Lauren Staiger is now a proud mother of Catherine and is busy with both her research and quality improvement projects in addition to her new role as a mother.

Recruitment:

The program is open to applications from prospective trainees in both the military and the civilian population. Given the logistics of this combined application process, currently the program does not participate in ERAS. Military applications are submitted to the Ministry of Defense and the civilian applications are submitted directly to the training program.

Contact for additional information:

Venkataraman Balaraman, MBBS
1319 Punahou Street, Room 702
Honolulu, HI 96826
Phone: 808-369-1247
Email: vbalarman@kapiolani.org

Medical Student Activities

Pediatric Interest Group
Loren Yamamoto, MD, MPH, MBA



The Pediatric Interest Group Members with Department Faculty at a Mixer event at Dr. Hong's residence

The Pediatric Interest Group (PIG) is one of the most active interest groups at JABSOM. The PIG conducts students activities based on the interests of the student PIG officers supported by the PIG faculty advisors Loren Yamamoto, Brenda Nishikawa, Barry Mizuo, Kyra Len, Dan Murai, Bruce Shiramizu, Ken Nakamura, V. Balaraman, Kara Wong-Ramsey, David Kurahara, Bettina Ackermann, Tausala Coleman-Satterfield, Jennifer Di Rocco, Gina French, Jessica Kosut, Shilpa Patel, Kelli-Ann Voloch, Sasha Fernandes, Travis Hong, and Pia Francisco-

Natanauan. PIG activities are summarized below. Faculty and students can join the JABSOM Pediatrics Interest Group Facebook page.

August 2017. We started the 2017 student year by electing new officers and hosting an AED (automated external defibrillator) workshop event.

September 2017. Injection workshop: Students learned intramuscular, subcutaneous, and intradermal injections by initially practicing on lemons. They then proceeded

to inject each other with saline for all three types of injection methods under faculty supervision.

October 2017. Asthma Gadgets and CXR workshop: Students were given a media lecture on pediatric chest X-rays and learned to operate HFA inhalers (every student was given a placebo inhaler), dry powder inhalers, nebulizers, peak flow meters, and other asthma treatment devices.

October 2017. Kids Fest (service project): Students volunteered to help at the Hawai'i Pacific Health's KidsFest at the Bishop Museum providing care to injured teddy bears to get them back to healthy bears.

November 2017. Peds Career Night: Students rotated with group pediatric specialist faculty representing primary care pediatrics, hospitalist pediatrics, critical care, emergency medicine, neonatology, infectious disease, cardiology, pulmonology, nephrology, child development, adolescent medicine, genetics, endocrinology, neurology, hematology/ oncology, rheumatology, and child abuse.

January 2018. Bake sale fund raiser. Students raised \$494 to support Pediatric Interest Group activities by selling baked goods and other foodies at JABSOM.

January 2018. Phlebotomy workshop: Students learned how to draw blood and they actually did this on each other and on some of the faculty, supervised by faculty and lab personnel from Clinical Labs.

February 2018. Splint workshop: Students learned to splint fractures and sprains with fiberglass, stockinette, cast padding, and elastic wraps by splinting each other under faculty supervision. They were taught upper extremity volar, sugar tong, and long arm splints, lower extremity posterior and stirrup splints, and thumb spica splints.

August 2018. New Officers + Pediatric CPR. This is the first event of the new JABSOM school year. This was a combination event to elect the new MS1 PIG officers and also teaching students the fine points of Pediatric CPR and AED use.

The PIG is financially supported by generous donations from faculty members, the Hawai'i Chapter of the American Academy of Pediatrics (HAAP), the Hawai'i Pediatrics Association Research and Education Foundation (HPAREF), the University of Hawai'i John A. Burns School of Medicine Department of Pediatrics, and student fundraisers.

PIG officers at the MS1, MS2, MS3, and MS4 years are as follows:

MS4:



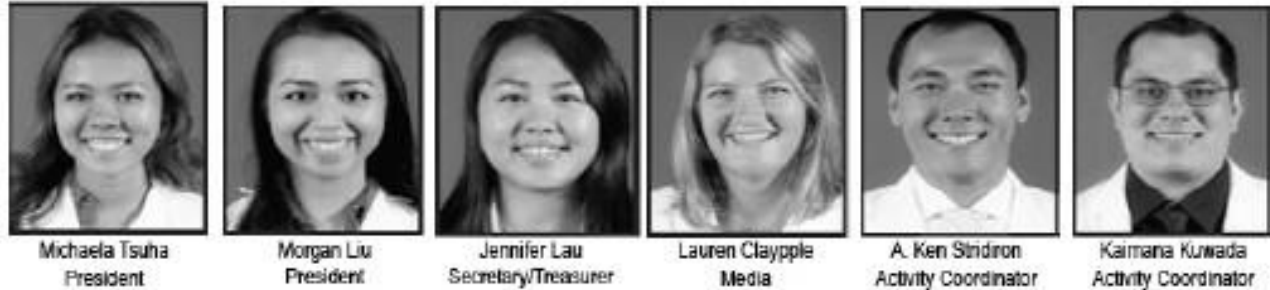
MS3:



MS2:



MS1:



Problem Based Learning (PBL) Tutors

Venkataraman Balaraman, MBBS
Travis Hong, MD
Louise Iwaishi, MD
Kyra Len, MD

Cheryl Okado, MD
Len Tanaka, MD
Loren Yamamoto, MD, MPH, MBA

Clinical Skills Preceptorship (CSP) Tutors

MD2

Andras Bratincsak, MD, PhD
James Sim, MD
Brian Wu, MD

MD3

Darryl Glaser, MD
Wade Kyono, MD
James Musgrave, MD

MD4

Greg Uramoto, MD

MD6

Byron Izuka, MD Jennifer King, DO

MD7

Vernon Azuma, MD
Dan Buehler, MD
Michael Hamilton, MD
Shelley Loui, MD
Donna Mah, MD
Keith Matsumoto, MD
Kristyn Nishimoto, MD
Ken Saruwatari, MD

MD7: Neonatology (Newborn Physical Examination Clinical Skills

Instructors)

Chris Gibu, MD
Carol Hirai, MD
Lynn Iwamoto, MD
Surabhi Jain, MBBS
William Sherman, DO
Sneha Sood, MD
Kara Wong Ramsey, MD

6L Preceptors

Hazel Abinsay, MD
Teresa Bane-Terakubo, MD
Caroline Chang, MD
Darrett Choy, MD
Peter Gregg, MD
Michael Hamilton, MD
Robyn Hasegawa, MD
Laura Hassen, MD
Steven Kaplan, MD
Felicita Livaudais, MD
Brent Matsumoto, MD
Kathleen Morimoto-Nishioka, MD
Kristyn Nishimoto, MD
Melissa Pulling, MD
Brit Reis, MD
Brent Tamamoto, MD
Carol Titcomb, MD
Tamara Todd, MD
Jodi Toward, MD
Alicia Turlington, MD
Michael Treece, MD
Michael Walter, MD
Jenny Welham, MD
Robert Wotring, MD
Stephen Yano, MD

Department Educational Activities

**Department of Pediatrics
2018 - 2019
Thursday Grand Rounds**

2018		
July		
5-Jul	CHAIR	Ken Nakamura-How to Address Food Insecurity
12-Jul	PATH	Karen Thompson - Updates on Sudden Unexpected Death in Infancy: A Pathologist's Perspective
19-Jul	PEDS	Pia Francisco-Natanauan-Hope for the Second Decade
26-Jul	ID	Masae Kawamura - Advances in Tuberculosis Screening of Children
August		
2-Aug	ID	Harry Hill - Star Wars of the Body Beseiged
9-Aug	ED	Masafumi Sato - Pediatric Ingestion
16-Aug	PICU	Len Tanaka - Extracorporeal Life Support: Enhancing CPR
23-Aug	HOSP	Jessica Kosut, Charles Neal & Wade Kyono (Canceled due to Hurricane Lane & resched to 2/7/19)
30-Aug	ENDO	Greg Uramoto & Eludrizza Tabisola-Nuesca - Type 1 Diabetes and Technology Update
September		
6-Sep	ONC	Lillian Sung - National Pediatric Cancer Control and Cancer Care Delivery Research
13-Sep	VP	Eric Austin-Bronchopulmonary Dysplasia-Associated PH (BPD-PH): NICU to Home
20-Sep	NEURO	Keith Abe - Rethinking What We were Taught in Medical School – Reflections on Neurogenetic Testing
27-Sep	VP	Bobby Ghaheri - The Impact of Ankyloglossia on Breastfeeding Success
October		
4-Oct	ORTHO	Bill Burkhalter - Orthopedic Oncology – Surgery for Musculoskeletal Neoplasms
11-Oct		Keawe Kaholokula- Social and Cultural Determinants of Native Hawaiian Health
18-Oct	HOSP	Anna Lueker, Bettina Ackermann, William Shea, Gina Ramirez - Update in Pediatric Hospitalist Medicine
25-Oct	GEN	Jessica Yamauchi, Rajani Starr, Andrew Tseu, Trisha La Chica- Oral Health in Hawaii
November		
1-Nov	VP	Indi Trehan - Global Child Health: An Overview of Problems, Trends, and Interventions
8-Nov	VP	James Perry - Fainting, Swooning, Getting the Vapors: How to Identify the Nasty Ones
15-Nov	NICU	Kara Wong-Ramsey / John Sheppard, PhD - Developing New Tools For Assessing Pediatric Body Composition
22-Nov		<i>THANKSGIVING</i>
29-Nov	PSYCH	Rebecca Delafield & Andrea Hermosura - Implicit Bias: A Universal Problem that Affects the Health of Specific Populations
December		
6-Dec	PEDS	May Okihira / Monica Esquivel - Wealth, Poverty, and Fries: Understanding Food Choice and Obesity
13-Dec	GI	Jeremy King - Brains, Guts, and Toxic Waste
20-Dec	RHEUM	David Kurahara - ANA Test: Does it Mean My Patient has Lupus? Use EBM
27-Dec		No Grand Rounds

2019

January

3-Jan	RES	Jordan Kono / Kevin Makino - Surfer's Myelopathy
10-Jan	NEPHRO	Susan Ingraham - Pee and BP: Common Nephrology Issues in Pediatrics
17-Jan	SURG	Kasper Wang - Biliary Atresia: Justification for Newborn Screening in the U.S.
24-Jan	PICU	Anthony McCanta - Palpitations in Pediatrics: Finding the "Cardiac" Needle in the Haystack
31-Jan	NICU	Dr. Stephen Kingsmore - Implementing Rapid Gnostic Medicine in the NICU & PICU

February

7-Feb	HOSP	Jessica Kosut, Charles Neal & Wade Kyono - The Power of a Wish: Family Support and Long Term Outcomes
14-Feb	ED	Alson Inaba - Stayin Alive with Uptown Funk CPR: Alternative CPR Techniques
21-Feb	RES	Scarlett Johnson / Mary Rose Nino - Disseminated Cat Scratch Disease (CSD): What's Happening MEOW?
28-Feb	PEDS	Jonathan Sladky - Shortcuts and Magic Pills: Supplementing Ourselves to Victory

March

7-Mar	PULM	Edward Fong - Cough! What is it Good for?
14-Mar	VP	Carol Mathews (CDC Tourette) - Diagnosing and Treating Tourette Syndrome
21-Mar	ADMIN	Gerard Livaudais - Changing Times in Health care
28-Mar	CARDIO/RES	Yuri/Andras/Marian - Kawasaki Disease in Hawai'i

April

4-Apr	RES	August Boeglin / Kelsey Rhodes / Bridget Allard - The Use and Abuse of Procalcitonin
11-Apr	ID	Natascha Ching - Pneumonia... It's Complicated
18-Apr	HEM	Desiree Medeiros - Abnormal Uterine Bleeding: The Hematologists Perspective
25-Apr	ORTHO	Byron Izuka - Pacific Ocean's Eleven: Pediatricians Splinting in Their Offices – An Audacious Pilot Project

May

2-May	SPORTS	Jennifer King - Early Sports Specialization and Exercise Deficit Disorder – Where is the Balance?
9-May	OB/GYN	Venkataraman Balaraman, MBBS; Reni Soon, MD; Chun Mei Wu, MD; May Rose Dela Cruz. DrPh; Sarah Beppu; Jensen Tabil - HPV Vaccination - Should we Really Care?
16-May		Canceled
23-May	PEDS	Gina French - School Makes Him Sad, Now What?
30-May	NICU	Akshatha - Nows: Neonatal Opioid Withdrawal Syndrome

June

6-Jun	ADMIN	Gordon Ito - Health Care, Health Insurance - On the Threshold of...
13-Jun	ANEST	Micky Sofer - Oh So Many Drugs! Peds Anesthesia and Multimodal Analgesia
20-Jun	ENT	Susan Tan - Hemangiomas and Vascular Malformations
27-Jun	WCC	White Coat Ceremony

Faculty Development & Lunch & Learn Lectures

Faculty Development Lunch & Learn

Pediatric Rehab Medicine: What Do We Do?

Tamara Zagustin, M.D.

Thursday, August 2, 2018

Pediatric Research & Scholarly Seminar

Grants Development

Chad B. Walton, PhD, CRA

Monday, August 29, 2018

Maintenance of Certification Part 4, American Board of Pediatrics

Pediatric Department Update

Lynn Iwamoto, Associate Professor

All physicians who are board-certified under the American Board of Medical Specialties (ABMS) need to maintain their certification. Maintenance of certification (MOC) consists of 4 parts: professional standing, lifelong learning, cognitive expertise, and improving professional practice. Practice improvement, also known as Part 4 MOC, encompasses participation in quality improvement efforts. Recognizing that quality and practice improvement is integral to and already a part of physician practice, Hawai'i Pacific Health and Kapi'olani Medical Center for Women & Children have been a portfolio sponsor for Maintenance of Certification (MOC) quality improvement (QI) projects under the American Board of Pediatrics (ABP) since 2014. The KMCWC MOC committee reviews and approves projects to meet ABP standards for QI projects so that physicians can be credited for the practice improvement work that they are doing. The committee also works with individuals and groups to develop ideas, coach project development, and assist with application submission.

In total we have had 21 projects from which 147 physicians have been credited for MOC part 4 points. For the 2018-2019 academic year, we had 15 active projects and gave credit to 31 physicians. New projects include increasing fluoride application in the pediatric clinic, Epic optimization, increasing quality improvement projects, pediatric preceptor faculty development, increasing oral chemotherapy compliance, and IPASS handoff update.

The committee members are Bridget Allard DO, Rhiana Lau MD, Kristyn Nishimoto MD, Cheryl Okado MD, Shilpa Patel MD, Loren Yamamoto MD, and Lynn Iwamoto MD. This year the committee expanded its role in developing collaborative Part 4 projects between participating ABMS boards. Susan Price MD (Geriatrics) and Steven Situ MD (Internal Medicine) have also joined the committee.

Research

Pediatric Research
Bruce Shiramizu, MD
Associate Chair for Research

The Department of Pediatrics in partnership with Waianae Coast Comprehensive Health Center and Hawaii Pacific Health/Kapiolani Medical Center for Women and Children is in the third year of an NIH grant (UG1OD024948) that focuses on building the infrastructure to make available clinical trials for infants, children and adolescents in Hawaii (Hawaii IDeA Center for Pediatric and Adolescent Clinical Trials, HIPACT) as well as providing opportunities for faculty professional development in clinical trials.

Progress Report of HIPACT

HIPACT is funded by the National Institutes of Health Office of the Director as part of the IDeA States Pediatric Clinical Trials Network (ISPCTN). The principal objective of HIPACT is to establish a pediatric clinical trials team in Hawai'i to participate in community valued, and scientifically valid multi-center clinical trials, as an ISPCTN partner. The overarching goal is to improve the health and wellbeing of the diverse multiethnic populations of Hawai'i. As the western most IDeA-eligible state, Hawai'i is home to large populations of diverse rural and underserved populations, including indigenous Hawaiian communities, and immigrant populations of Pacific Islanders and Asians. The community-based University of Hawai'i at Manoa (UH Manoa) John A. Burns School of Medicine (JABSOM) Department of Pediatrics (DOP) will serve as the home for HIPACT with an innovative fusion of local and national entities included as partners. Locally, our first partner is the Hawai'i Pacific Health (HPH) owned regional perinatal medical center - Kapi'olani Medical Center for Women & Children (KMCWC) and the HPH Research Institute (HPHRI). The second partner is the largest community health center in the state – the Waianae Coast Comprehensive Health Center (WCCHC) that largely serves Native Hawaiians and Other Pacific Islanders. Through ISPCTN, HIPACT faculty will also have opportunities to participate in professional development activities for clinical trials experiences.

Specific Aims:

1. To launch and implement pediatric clinical trials as an ISPCTN site by providing an experienced, coordinated, and a committed team of pediatric-trained personnel.
2. To engage Hawai'i and other IDeA state communities to provide access to clinical trials including rural and underserved infants, children and adolescents, many of who are Asian, Native Hawaiians and Other Pacific Islanders.
3. To contribute to the “science” of ISPCTN multicenter clinical trials research in disparate underserved and/or rural communities by better understanding and overcoming barriers, with the ultimate goal of improving health outcomes.
4. To increase the number and expertise of JABSOM pediatric clinical trials faculty and their support teams through professional training and education, ultimately to expand ISPCTN research capacity.

Major Activities and Specific Objectives of HIPACT

Aim 1 activities: To launch and implement ISPCTN pediatric clinical trials, HIPACT faculty have been involved with concept development and implementation of ISPCTN studies in Hawaii. The active and pending trials which were concentrated on during the last year were POPS, ACT NOWS and VDORA.

POPS Study

HIPACT Site Study PI: Venkataraman Balaraman, MD; Dr. Prashant Purohit, MD (Junior Investigator)

HIPACT Lead Coordinator: Annette Amiotte

HIPACT Site Coordinator: Moara Palma

HIPACT Regulatory Affairs: Andrea Siu

Site study status as of July 19, 2019:

- Total # of Different Patients Screened: 378
- Existing Patients Screened for Different DOI: 7 (02 target group closed; 01 DOI permanently closed; 03 DOI not open to target age group; 01 enrolled)
- Enrollments to Date: 10
- Consented but Not Enrolled: 2
- Weekly review of DOI and daily monitoring of inpatient status of medications by site coordinator continues

ACT NOWS Study: Current Experience

HIPACT PI: Bruce Shiramizu, MD

HIPACT Site Study PI: Charles Neal, MD; Akshatha, MD (Junior Investigator)

HIPACT Lead Coordinator: Annette Amiotte

HIPACT Regulatory Affairs: Andrea Siu

Site study status (completed):

- Cases reviewed: 106
- Positive urine opiate-positive cases: 26
- Pharmacologically-treated babies in NICU: 5
- Methamphetamine cases: 75
 - Positive for Amphetamine/Methamphetamine: 21
 - Maternal hx of methamphetamine: 7
 - Positive for cannabinoid: 9
 - Maternal hx of Marijuana: 14
 - Maternal hx of methamphetamine and marijuana: 4
 - Maternal hx of opioid: 4
 - Maternal use of opioid: 6
 - Positive for cocaine: 1
 - Maternal hx of cocaine: 4
 - Maternal hx of methamphetamine and opioid: 3
 - Positive for benzodiazepine: 1
 - Positive for barbiturates: 1
- Snowden JN, **Akshatha**, Annett RD, Crawford MM, Das A, Devlin LA, Higgins RD, Hu Z, Lindsay E, Merhar S, Nesmith CC, Pratt-Chavez H, Ross J, Simon AE, Smith MC, Turley CB, Walden A, Young L, Whalen B. (2019) The ACT NOW Clinical Practice Survey: Gaps in the care of infants with Neonatal Opioid Withdrawal Syndrome. *Hosp Pediatr*, 9(8):585-592, PMID 31324654; PMC6663517
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ACT NOWS ESC and Weaning Protocols

HIPACT PI: Bruce Shiramizu, MD

HIPACT Site Study PI: Charles Neal, MD; Akshatha, MD (Junior Investigator)

- ACT NOWS Weaning Protocol: HIPACT site not eligible for participation due to limited number of cases in the NICU
- ACT NOWS ESC Protocol: Feasibility survey and hospital survey completed with Kapiolani Medical Center

for Women and Children endorsement.

VDORA Study

HIPACT PI: Bruce Shiramizu, MD
 HIPACT Site Study PI: Brian Wu, MD
 HIPACT Research Coordinator: Kelvin Naito, BS
 HIPACT Research Pharmacist: Jan Vita, PharmD
 HIPACT Regulatory-Data Coordinator: Andrea Siu, MPH
 HIPACT Research Coordinator: Annette Amiotte, RN, BSN

- VDORA Pre-trial Self Study
 Brian Wu, 12/17/18
 Bruce Shiramizu, 12/17/18
 Annette Amiotte, 3/6/19
 Andrea Siu, 1/31/19
 Kelvin Naito, 2/4/19
 Jan Vita, 2/13/19
- Site activation: April 8, 2019
- VDORA Start-up meeting: April 22, 2019
- Potential participants identified to date: 2
- # participants entered: 0
- Ongoing review of potential participants continues

Identifying Barriers and Facilitators to Clinical Trials Participation Across the ISPCTN (Protocol in Development)

Protocol Co-PI: May Okihiro, MD

The formal advisory team to HIPACT leadership is the Hawaii Clinical Trials Advisory Team (HICAT) which is charged with vetting and critiquing ISPCTN clinical research trials under consideration. HICAT also advises the Executive Committee (HIPACT PI, Co-Investigator, Research Nurse and Data Manager) in matters pertaining to research development and implementation. HICAT meetings convened on October 17, 2018 and April 22, 2019. HIPACT activities and progress were reported to inform members about ISPCTN study updates and new studies being launched. The HIPACT Executive Committee continued to meet regularly locally as well as participated in the monthly Leadership Regional POD meetings to discuss HIPACT and ISPCTN implementation. In addition to participating in the Steering Committee meetings, HIPACT team members met quarterly with the NIH Program Officer, NIH ISPCTN Project Scientist and Senior Pediatric Clinical Trial Specialist. Meetings focused on ISPCTN clinical study implementation-related issues. HIPACT leaders and faculty also participated in the Face-to-Face Steering Committee meetings.

Aim 2 activities: In order to engage Hawaii communities to provide access to clinical trials including rural and underserved infants, children and adolescents, Dr. May Okihiro continues to meet with the Waianae Coast Comprehensive Health Center regarding HIPACT and works with Dr. Jessica Kosut at the Kapiolani Medical Center for Women and Children on assessing needs and attitudes about clinical trials from the providers' and participants' perspectives.

HIPACT-Related Activities

HIPACT Community Needs Assessment Survey Study WCCHC	May Okihiro, MD Jessica Kosut, MD <ul style="list-style-type: none"> • Poster presentation at 2018 Biomedical Sciences and Health Disparities Symposium, John A. Burns School of Medicine, Honolulu, HI May Okihiro, MD <ul style="list-style-type: none"> • Continues to work with WCCHC Behavioral Health Department and WCCHC Psychology Interns to introduce research methods.
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	<ul style="list-style-type: none"> • Continues work with the WCCHC Research Department, Research Committee and IRB re: increasing efficiency and effectiveness of research approval process especially in the context of the NIH’s Single IRB rule. • Continues work with WCCHC Research Community Advisory Board to gather their input on research issues and community voice in research.
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Aim 3 activities: The HIPACT committee members have contributed to the “science” of ISPCTN multicenter clinical trials research by participating locally in developing concepts for potential clinical trials and vetting Working Group concepts.

HIPACT/ISPCTN Committees

<p>ISPCTN</p> <ol style="list-style-type: none"> 1. ISPCTN Face-to-Face Planning Committee POD Representatives 2. ISPCTN Steering Committee Face-to-Face Meetings 3. ISPCTN Writing Committees/Groups <i>Site Demographics/Health Disparities Manuscript</i> <i>ISPCTN: A Network Whose Time Has Come Manuscript</i> <i>Barriers to Clinical Trials in Rural Communities Manuscript</i> <i>ECHO American Indian/Alaska Native/Native Hawaiian manuscript writing group</i> 4. Capacity Building – Professional Development Committee 5. Publications/Presentations Committee 6. Stakeholders Committee 7. Biospecimen & Data Sharing Committee 8. HIPACT faculty involved with ISPCTN new pilot project concept proposals <ul style="list-style-type: none"> • Identifying Barriers/Facilitators to Clinical Trials Participation Across ISPCTN • FOOTPRINT Concept 9. Oklahoma ISPCTN site External Advisory Committee Meeting (8/22/18, 8/26/19) 10. Pediatric Academic Societies Workshop; Committee Member/Presenter; ISPCTN Team Science Workshop (4/27/19) 	<p>David Easa, MD Bruce Shiramizu, MD David Easa, MD Jessica Kosut, MD Akshatha, MD Annette Amiotte, RN May Okihiro, MD</p> <p>David Easa, MD Bruce Shiramizu, MD May Okihiro, MD May Okihiro, MD Bruce Shiramizu, MD Jessica Kosut, MD May Okihiro, MD, Co-Chair May Okihiro, MD</p> <p>May Okihiro, MD (Co-PI) Bruce Shiramizu, MD Bruce Shiramizu, MD Bruce Shiramizu, MD</p>
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<p>Aim 4 activities: Active participation of HIPACT faculty locally in the disease Subcommittees and through ISPCTN Working Groups has provided opportunities to increase the number and expertise of JABSOM faculty to engage in pediatric clinical trial design and through DCOC Professional Development Webinars.</p> <p>Professional Development Activities</p> <p>HIPACT Professional Activities</p> <ul style="list-style-type: none"> • POD call presentation; Community Needs Assessment, 12/17/18 • Pediatric Grand Rounds, A New Approach toward NOWS, 5/30/19 • Hawaii Congressional conference call re: ISPCTN funding, 6/7/19 • Abstract submission; Western IDeA Regional Meeting 2019 • Hospital staff training on ISPCTN protocols • Hawaii Journal of Health and Social Welfare; Special Issue • Maternal-Fetal Medicine faculty research seminars <p>ISPCTN Professional Development Webinars</p> <ul style="list-style-type: none"> • Expanded Access to Investigational Drugs, 8/23/18 • Research Record-Keeping: Essential Practices, 11/1/18 • The Ethics of Human Subjects Research, 11/8/18 • 30 Minutes with a Research Mentor (Daniel Hsia, MD), 12/13/18 • 30 Minutes with a Research Mentor (Laura James), 2/28/19 • CITI Webinar: Transitioning Research to Common Rule, 4/25/19 • Writing for Publication, 5/22/19 • 2018-2019 NIH Introduction to the Principle and Practice of Clinical Research Course, 6/30/19 • Data Management “Under the Hood”: Fundamentals of Research Data Collection and Management Webinar Series (6 weeks; 7/15/19, 7/22/19, 7/29/19, 8/12/19, 8/19/19, 8/26/19) 	<p>May Okihiro, MD Akshatha, MD Bruce Shiramizu, MD David Easa, MD Annette Amiotte, RN Bruce Shiramizu, MD David Easa, MD Bruce Shiramizu, MD 4 participants 2 participants 1 participant 2 participants 1 participant 1 participant 5 participants 1 participant 1 participant</p>
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1) RESULTS

Identifying and engaging clinical faculty with primary clinical responsibilities who are interested in pediatric clinical trial conception, development, implementation and dissemination was a result which HIPACT continued to focus and achieve within the last year. Faculty continue to be engaged through HIPACT subcommittee activities and respective ISPCTN Working Groups. With the launch of ISPCTN clinical studies, HIPACT investigators became actively engaged as HIPACT Site Study PIs for the ACT NOWS (Charles Neal, MD; Akshatha, MD), POPS (V. Balaraman, MD; Prashant Purohit, MD) and VDORA (Brian Wu, MD) studies.

The HIPACT advisory team, Hawaii Clinical Trials Advisory Team (HICAT), continues to be charged with vetting and critiquing ISPCTN clinical research trials under consideration. HICAT has also advised the Executive Committee (HIPACT PI, Co-Investigator, Research Nurse and Data Manager) in matters pertaining to research development and implementation. Additional input will be sought through community representatives with Dr. May Okihiro’s guidance on potential studies for consideration in Hawaii as new study concepts advance through the pipeline for consideration.

Drs. Okihiro and Kosut continued leadership and professional development activities with presenting the HIPACT Needs Assessment Survey at the 2018 University of Hawaii John A. Burns School of Medicine Biomedical & Health Disparities Symposium. A publication is in the planning stages.

Dr. Shiramizu has been communicating and meeting with Maternal-Fetal Medicine (MFM) junior faculty, fellows and research associates on ways to engage their discipline in ISPCTN activities. Most recently, the anticipated 3rd cycle for the ECHO Opportunities and Infrastructure Fund sparked enthusiasm for MFM faculty and researchers to identify other ECHO colleagues to respond to the call for proposals.

A special issue of the Hawaii Journal of Health and Social Welfare was announced which will focus on the Current State of Pediatric Health/Research in Hawaii. The special issue will be sponsored by HIPACT. An editorial board was created whose

responsibilities will include vetting and mentoring junior faculty in preparing manuscripts for submission. Planned timeline is for manuscripts to be submitted by December 1, 2019. The activity is headed by Drs. Shiramizu and Easa.

In a separate activity towards junior faculty professional development, Dr. Easa has worked with the current editor of the Hawaii Journal of Health and Social Welfare (HJHSW) for pediatric faculty including junior faculty to become more involved in the journal's editorial leadership. The stage is set for two junior pediatric faculty members and two senior faculty members to engage as Assistant/Associate Editor teams to review and vet assigned manuscripts from the HJHSW office. The editorial board has a more comprehensive role at the HJHSW than other journals, and they not only evaluates manuscripts and the peer reviewed comments that are sought, but also in recommending specific editorial refinements. Thus, we envision that the partnership of Senior/Junior Pediatric faculty membership in this editorial process will be a valuable opportunity for the junior faculty member to learn writing and editing skills as well as by adding an important accomplishment to their academic credentials. In addition, it is hoped that through his process, those pediatric faculty involved in the journal will act as emissaries to the journal to increase journal submission from the faculty of the Department of Pediatrics. Finally, one of the teams created in this process are two HIPACT faculty, David Easa as Associate Editor and Jessica Kosut as Assistant Editor.

Opportunities for training and professional development that HIPACT provided

HIPACT continues to leverage professional development activities offered by other infrastructure programs through University of Hawaii John A. Burns School of Medicine (JABSOM) as well as the JABSOM Faculty Professional Development resources which are emailed to faculty on a regular basis. HIPACT faculty members are provided access to these professional development activities including those through the RCMI Translational Research Network (RTRN), National Research Mentoring Network (NRMN), RCMI Multidisciplinary and Translational Research Infrastructure Expansion (RMATRIX) and Mountain West Clinical Translational Research Infrastructure Network.

- 6 September 2018, Ola HAWAII Forum - Brown Bag Session; Overview of Core Services: Human Behavioral Core - Earl Hishinuma, Ph.D.; Magnetic Resonance Core - Andrew Stenger, Ph.D.; Animal Behavioral Core - Matt Pitts, Ph.D.; Metabolic Core - Dan Torres, Ph.D.
- 18 October 2018, HIPAA and Protecting Health Information; J.T. Ash, UH System HIPAA Compliance Officer
- April 2019, Spring Mentoring Bootcamp - Kukulu Ola Hou
- 23-24 April 2019, Research Training (Grantsmanship – R01; R01 Grant Application Example; Summary statement & responding to it; Lifecycle of a grant; Making CBPR Competitive; Pitfalls)
- 15 February 2019; Workshop on Genome Assembly, Evaluation and Visualization
- 14 March 2019; Minority and Native Hypertension Symposium
- Institutional support for the University of Hawaii Vice Chancellor for Research Office and community partner, Hawaii Pacific Health (HPH), provided travel support for junior faculty to attend Face-to-Face Steering Committee meetings as part of Professional Development as well as partial FTE support for personnel from HPH to continue supporting personnel to conduct local ISPCTN clinical trials.

In addition, faculty participated in the DCOC professional development webinars through the ISPCTN Research Portal Dashboard. The portal is open and accessible for all investigators of the HIPACT. HIPACT faculty are encouraged to take part in this research training opportunity. Individual faculty are identified for 1-on-1 mentorship with the HIPACT leadership for individual faculty professional development.

Dr. Okihiro and the WCCHC Research Dept. meet regularly with the UH JABSOM RMATRIX Regulatory Knowledge & Support Core. The Core leads the Hawaii IRBs Committee and is working on finalizing the Hawaii IRBs Harmonization Agreement that will streamline IRB agreements between institutions in Hawaii. Dr. Okihiro and the WCCHC Research Dept. are also working with Core to streamline implementation of the Revised Common Rule. The WCCHC Research Dept. staff have attended two meetings of the University of Hawaii IRB and had several discussions with UH IRB administrators.

Opportunities were provided for junior faculty to be mentored by senior experienced faculty to contribute

manuscripts for peer-review for the Special Pediatric Issue of the Hawaii Journal of Health and Social Welfare. Additionally, junior investigators were invited to develop journal editorial

The HIPACT program continues to provide opportunities for professional development and training for the Pediatrics Faculty. With strong support from the University of Hawaii at Manoa, HIPACT received \$5,000/year as an institutional commitment from the Vice Chancellor for Research. The funds have been designated for professional and academic development for the Pediatric Faculty. With this in mind, the HIPACT leadership decided that a good use of the institutional commitment funds would be to engage faculty in the F2F meetings. In addition to the initial 2017 institutional commitment supporting Dr. Venkataraman Balaraman's travel to Toronto and Dr. Jessica Kosut participating in a F2F meeting in Washington, DC, in February 2019, Dr. May Okihiro represented HIPACT in Washington, DC for the F2F meeting. Quickly approaching will be the September 17-18, 2019 F2F meeting in which Drs. Okihiro and Kosut plan to attend.

Disseminating Results to Communities

Information that are relevant to HIPACT faculty, HIPACT community partners, and other interested partners continue to be made available through the official ISPCTN website. HIPACT identifies resources that can be leveraged to disseminate information to parties in Hawaii including information regarding the ISPCTN and HIPACT programs. Dr. Shiramizu provides ISPCTN/HIPACT updates during the monthly Department of Pediatrics Faculty meetings.

Dr. Okihiro provided regular updates to the WCCHC Research Committee and IRB about HIPACT activities, including the Community Needs Assessment, and the steps taking towards implementing the Revised Common Rule. She has also provided updates to the WCCHC Pediatric Department, the WCCHC Research Community Advisory Group, and the WCCHC Administration.

1. Snowden JN, Akshatha, Annett RD, Crawford MM, Das A, Devlin LA, Higgins RD, Hu Z, Lindsay E, Merhar S, Nesmith CC, Pratt-Chavez H, Ross J, Simon AE, Smith MC, Turley CB, Walden A, Young L, Whalen B. (2019) The ACT NOW Clinical Practice Survey: Gaps in the care of infants with Neonatal Opioid Withdrawal Syndrome. *Hosp Pediatr*, 9(8):585-592, PMID 31324654; PMC6663517
2. Snowden J, Darden P, Palumbo P, Saul P, Lee J; IDeA States Pediatric Clinical Trials Network. (2018) The institutional development award states pediatric clinical trials network: building research capacity among the rural and medically underserved. *Curr Opin Pediatr*. 30(2):297-302, PMID 29517535, PMC5927618

Extramural Research and Training Grants and Contracts

Venkataraman Balaraman, MD

Research and Training Grants and Contracts

Current Extramural Grants:

Title	Role	FTE (in Pctg)	Funding Source	Award Date	Project Period	Dollars Awarded	Type of Grant
RMATRIX-II	Director	10.00	Other: NIMHD	7/1/2014	07/01/2014 - 04/30/2020	16,000,000.00	Research

Sheree Kuo, MD

Research and Training Grants and Contracts

Current Extramural Grants:

Title	Role	FTE (in Pctg)	Funding Source	Award Date	Project Period	Dollars Awarded	Type of Grant
Optimizing care for premature infants with bronchopulmonary dysplasia and at risk for pulmonary hypertension	PI	0.00	Local	4/1/2016	04/01/2016 - 10/31/2018	11,000.00	Training

Maya Maxym, MD

Research and Training Grants and Contracts

Current Extramural Grants:

Title	Role	FTE (in Pctg)	Funding Source	Award Date	Project Period	Dollars Awarded	Type of Grant
DOH Asthma Control support for Peds Asthma EC	Director	5.00	State	3/1/2019	04/01/2019 - 12/31/2019	15,000.00	Training
UHC Support for Hawaii Pediatric ECHO	Director	10.00	Other: UHC Insurance Company	4/10/2019	8/1/2019 - 2/28/2020	25,000.00	Training

Charles Neal, MD, PhD**Research and Training Grants and Contracts**

Current Extramural Grants:

Title	Role	FTE (in Pctg)	Funding Source	Award Date	Project Period	Dollars Awarded	Type of Grant
Neonatal Neurobehavior and Outcomes in Very Preterm Infants	CO-PI	10.00	NIH	8/1/2013	10/1/2013 - 9/30/2019	189,523.00	Research
Environmental Influences on Health Outcomes (ECHO) in Former VLBW Infants	CO-PI	10.00	NIH	9/30/2016	2/1/2017 - 1/13/2023	1,200,000.00	Research
Hawaii IDEa Center for Pediatric and Adolescent Clinical Trials (HIPACT)	Other	0.00	NIH	9/30/2017	9/21/2017 - 8/31/2023	900,000.00	Research

Desiree Medeiros, MD Venkataraman Balaraman, MD**Research and Training Grants and Contracts**

Current Extramural Grants:

Title	Role	FTE (in Pctg)	Funding Source	Award Date	Project Period	Dollars Awarded	Type of Grant
Community Counts Public Health Surveillance for Bleeding Disorders	Director	20.00	Other: Center for Disease Control and ATHN	9/30/2018	09/30/2018 - 09/29/2019	16,000.00	Research
Western States Regional Hemophilia Network (WSRHN)	Director	20.00	Other: Health Resources and Services Administration (HRSA)	6/1/2018	06/01/2018 - 05/31/2019	40,000.00	Research

Damidi Venudhar Reddy, MD**Research and Training Grants and Contracts**

Current Extramural Grants:

Title	Role	FTE (in Pctg)	Funding Source	Award Date	Project Period	Dollars Awarded	Type of Grant
Evaluation of intestinal microbiome in children with Kawasaki disease	CO-PI	50.00	Other: Chun Foundation	8/1/2017	08/01/2017 - 12/30/2018	14,000.00	Research
Chun Foundation Award	CO-PI	50.00	NIH	7/1/2017	07/01/2017 - 12/31/2018	14,000.00	Research

Bruce Shiramizu, MD**Research and Training Grants and Contracts**

Current Extramural Grants:

Title	Role	FTE (in Pctg)	Funding Source	Award Date	Project Period	Dollars Awarded	Type of Grant
RCMI Multidisciplinary And Translational Research Infrastructure EXpansion Hawaii	CO-PI	20.00	NIH	7/1/2014	07/01/2014 - 04/30/2020	15,500,000.00	Research
Maraviroc and NeuroAIDS Pathogenesis	PI	10.00	NIH	8/1/2014	08/01/2014 - 06/30/2020	3,247,070.00	Research
St. Baldrick's Foundation Summer Fellow	PI	0.00	Other: St. Baldrick's Foundation	6/1/2019	06/01/2019 - 05/31/2020	5,000.00	Research
(PQ5) Informing anal neoplasia differences/similarities in HIV-serodiscordant individuals	PI	5.00	NIH	6/1/2017	06/01/2017 - 05/31/2020	338,800.00	Research
Raman-Enhanced Screening Protocol Expanding Cancer Testing (RESPECT) for Childhood NHL	PI	0.00	Local	7/1/2018	07/01/2018 - 06/30/2019	10,000.00	Research

Diversity Supplement; (PQ5) Informing anal neoplasia differences/similarities in HIV-serodiscordant individuals	PI	0.01	NIH	6/1/2018	06/01/2018 - 05/31/2020	68,478.00	Research
Hawaii IDeA Center for Pediatric and Adolescent Clinical Trials (HIPACT)	PI	20.00	NIH	9/1/2016	09/01/2016 - 08/31/2020	1,750,440.00	Research
Ola HAWAII	Other	20.00	NIH	9/1/2017	09/01/2017 - 06/30/2022	21,105,067.00	Research

Randal Wada, MD

Research and Training Grants and Contracts

Current Extramural Grants:

Title	Role	FTE (in Pctg)	Funding Source	Award Date	Project Period	Dollars Awarded	Type of Grant
RCMI Multidisciplinary and Translational Research Infrastructure eXpansion in Hawaii (RMATRIX) II	Other	5.00	NIH	5/1/2014	05/01/2014 - 4/30/2020	2,036,715.00	Research

Richard Yanagihara, MD

Research and Training Grants and Contracts

Current Extramural Grants:

Title	Role	FTE (in Pctg)	Funding Source	Award Date	Project Period	Dollars Awarded	Type of Grant
International Biomedical Research Training for Hawaiian & Pacific Island Students	Other	2.50	NIH	12/1/2016	12/01/2013 - 11/30/2019	252,080.00	Training
Pacific Center for Emerging Infectious Diseases Research	PI	30.00	NIH	7/1/2018	07/01/2018 - 06/30/2019	750,000.00	Research

Ola HAWAII (Health and Wellness Achieved by Impacting Inequalities)	Other	10.00	NIH	9/21/2017	07/01/2018 - 6/30/2019	233,733.00	Research
RCMI Translational Research Network	Director	30.00	NIH	7/1/2012	07/01/2017 - 12/31/2019	355,161.00	Research

Total Research and Training Grants Awarded: \$64,377,067.00

Departmental Publications

Keith Abe

- Mammele S, Thompson KS, Abe KK. "A rapidly fatal case of anti-NMDA receptor encephalitis due to acute brain edema and herniation." *Neurology*. 2019 May 21;92(21):1014-1016.

Venkataraman Balaraman

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Andras Bratincsak

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Honors & Achievements

Faculty and Clinical Faculty Honors & Awards

Keith Abe, MD - 2018-2019: Pediatric Residency Faculty A'o Teaching Award for Pediatric Specialist, Honolulu Magazine Top Doctors in 2018 (continued since 2015)

Bridget Allard, MD - 2019 Faculty A'o Award for Academic Excellence, 2019 Faculty Honor Roll, Kapi'olani Medical Center

Rupert Chang - Listed in Best Doctors National Database.

Jennifer Di Rocco - Selected for the Pediatric Milestones 2.0 Committee, Medical Student Teaching Award.

Pia Francisco-Natanauan - Honolulu Top Doctor 2016, 2017, 2018, 2019

Darryl Glaser - Best Doctors in Hawaii 2011-2019

Sheree Kuo - Top Doctors, Honolulu Magazine 2015-present, Best poster at American Academy of Pediatrics National Conference and Exhibition Section on Transport Medicine, "Minimizing surfactant wastage on transport." Presented by Alyssa Morgan, Transport RN.

Wade Kyono - Recipient of the National Cancer Institute Community Oncology Program (NCORP) Gold Award for patient accruals to clinical trials 9/2018. Recipient of the Children's Oncology Group NCORP Steering Committee Gold Award for Highest NCORP Enrollments on Therapeutic Studies for 2018, 3/2019. Won bid to host the 2021 International Society for Paediatric Oncology in Honolulu. Hawaii - 11/2018. Honolulu Magazine's Top Doctors - Pediatric Hematology-Oncology 2017, 2018, 2019. Pacific Business News - Best Doctors in America 2017-2019

Rhiana Lau - Castle Connolly top doctor (Honolulu Magazine), Section Chief of Pediatric Specialty Division

Kyra Len - 2019 Excellence in Medical Education Lifelong Learning Skills Award, 2019 Best Technology Poster, COMSEP 2019

James Lin - Co-presenter for Hawaii Pacific Health award for the HIMSS Davies Award.

Maya Maxym - Best Hospitalist Teaching Award of Medical Students 08/12/2019

Desiree Medeiros - Honolulu Magazine - Top Doctor

James Musgrave - Best Doctor in Hawaii 2019, Pacific Business News

Charles Neal - 2015-2019 Top Doctor Selected by Peers, Honolulu Magazine. 2011 Appointed Division Director, Neonatology Services, Kapiolani Medical Center for Women and Children, University of Hawaii John A. Burns School of Medicine. 2012 Appointed Professor in Pediatrics, University of Hawaii John A. Burns School of Medicine

Jeffrey Okamoto - Faculty Excellence in Preceptor Teaching Award, Department of Pediatrics, John A. Burns School of Medicine 2018

Calvin Sia - Recognized by National AAP Council on Community Pediatrics Chairperson Lance Chilton in monthly Newsletter 2019

Alicia Turlington - Faculty Honor Roll, presented on April 15, 2019 "in recognition of their superb coaching and teaching as voted by the Pediatric Residents."

Randal Wada - Best Doctors in America, 2011-2020. Society of Behavioral Medicine Annual Meeting; Citation Award Abstract recipient, March 2019

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