

EDUCATION

University of Hawaii, Honolulu HI Pediatric Residency Program	June 2021
Baylor College of Medicine, Houston, TX Doctor of Medicine Ethics Track	May 2018
University of Texas Health Science Center, Houston, TX Master of Public Health Concentration: Environmental and Occupational Health Sciences	May 2014
Willamette University, Salem, OR Bachelor of Arts, <i>magna cum laude</i> , Chemistry and Spanish Study Abroad Program: Universidad de San Francisco, Quito, Ecuador Fall 2007	May 2009
Iolani School, Honolulu, HI High school diploma	June 2005

WORK EXPERIENCE

Pediatrician Hawaii Pacific Health Community Pediatrics ▪ Works 1.0 FTE for Community Pediatrics division in outpatient pediatric clinic at Kapiolani Medical Center for Women and Children, nursery, and after hours clinic. Supervises medical students and residents in this setting. Works with and evaluates LIC students and students on their MS3 inpatient rotations.	July 2022-Present
Co-Chief Resident University of Hawaii Pediatric Residency Program ▪ Provided leadership and mentorship to over twenty medical residents and dozens of medical students; Supported incoming resident recruitment; Taught in a variety of settings such as morning report, hospitalist talks, and medical student lectures and simulations; Responsible for scheduling residents to ensure hospital staffing and medical education needs are met; Served as a liaison between trainees and faculty/staff to improve the quality of residents' education.	July 2021-June 2022
Pediatrician, Per Diem Hawaii Pacific Health Medical Group ▪ Worked per diem for Community Pediatrics (Nursery, Kapiolani Cleft and Craniofacial Clinic) and Hospitalist divisions. Worked on average 20 hours per week. Supervised medical residents.	July 2021-June 2022

RESEARCH EXPERIENCE

Breastfeeding & Lactation Support for Medical Trainees Implementation Project Advisor: Dr Kara Wong-Ramsey, Neonatologist ▪ Was awarded a \$1,000 AAP QI grant to survey pediatric, family medicine, and OBGYN residents about breastfeeding with plans to improve lactation support for medical trainees at Kapiolani Medical Center. ▪ Outcomes: Publication, revision of HRP handbook to incorporate new lactation policy, development of lactation handbook	January-July 2021
Hawaii State Department of Health Advisor: Dr Sarah Kemble, Deputy State Epidemiology ▪ Developed and carried out survey of Covid-19 positive healthcare workers in Hawaii.	April-May 2020
M.D. Anderson Cancer Center , Pathology Department, Research Assistant 2, Houston, TX Advisor: Dr. Kenneth Aldape, MD, MS, Department Chair of Pathology ▪ Performed biomarker experiments on glioma tumors, an aggressive form of brain cancer. Primary responsibilities included DNA and RNA isolations, real time PCR, immunohistochemistry, and data analysis.	August 2010-April 2013

PUBLICATIONS

Wong Ramsey K, Beckwith N, **Heathcock L**, Myers T, Balaraman V. "Advocating For a Culture of Support for Lactating Medical Residents in Hawai'i." *Hawaii J Health Soc Welf.* 2021 Dec; 80 (12): 304-306.

Cohen A, Sato M, Aldape K, Mason CC, Alfaro-Munoz K, **Heathcock L**, South ST, Abegglen LM, Schiffman JD, Colman H. "DNA copy number analysis of Grade II-III and Grade IV gliomas reveals differences in molecular ontogeny including chromothripsis associated with IDH mutation status." *Acta Neuropathol Commun.* 2015 Jun 20;3:34

Olar A, Wani KM, Alfaro-Munoz KD, **Heathcock LE**, van Thuijl HF, Gilbert MR, Armstrong TS, Sulman EP, Cahill DP, Vera-Bolanos E, Yuan Y, Reijneveld JC, Ylstra B, Wesseling P, Aldape KD. "IDH mutation status and role of WHO grade and mitotic index in overall survival in grade II-III diffuse gliomas." *Acta Neuropathol.* 2015 Apr;129(4):585-96.

Bhat KP, Balasubramanian V, Vaillant B, Ezhilarasan R, Hummelink K, Hollingsworth F, Wani K, **Heathcock L**, James JD, Goodman LD, Conroy S, Long L, Lelic N, Wang S, Gumin J, Raj D, Kodama Y, Raghunathan A, Olar A, Joshi K, Pelloski CE, Heimberger A, Kim SH, Cahill DP, Rao G, Den Dunnen WF, Boddeke HW, Phillips HS, Nakano I, Lang FF, Colman H, Sulman EP, Aldape K. "Mesenchymal Differentiation Mediated by NF- κ B Promotes Radiation Resistance in Glioblastoma." *Cancer Cell.* 2013 Sep 9;24(3):331-46.

Zheng S, Fu J, Vegesna R, Mao Y, **Heathcock LE**, Torres-Garcia W, Ezhilarasan R, Wang S, McKenna A, Chin L, Brennan CW, Yung WK, Weinstein JN, Aldape KD, Sulman EP, Chen K, Koul D, Verhaak RG. "A survey of intragenic breakpoints in glioblastoma identifies a distinct subset associated with poor survival." *Genes Dev.* 2013 Jul 1;27(13):1462-72.

Boots-Sprenger SH, Sijben A, Rijntjes J, Tops BB, Idema AJ, Rivera AL, Bleeker FE, Gijtenbeek AM, Diefes K, **Heathcock L**, Aldape KD, Jeuken JW, Wesseling P. "Significance of complete 1p/19q co-deletion, IDH1 mutation and MGMT promoter methylation in gliomas: use with caution." *Mod Pathol.* 2013 Jul;26(7):922-9.

Bhat KP, Salazar KL, Balasubramanian V, Wani K, **Heathcock L**, Hollingsworth F, James JD, Gumin J, Diefes KL, Kim SH, Turski A, Azodi Y, Yang Y, Doucette T, Colman H, Sulman EP, Lang FF, Rao G, Copray S, Vaillant BD, Aldape KD, "The transcriptional coactivator TAZ regulates mesenchymal differentiation in malignant glioma," *Genes Dev.* 2011 Dec 15; 25(24):2594-609.

PRESENTATIONS

"Developmental Milestones." Presents MS3 lecture every other month during pediatric clerkship. 2021-Present.

"Breastfeeding and Presentation of Breastfeeding Support Initiative." June 16, 2021. Academic Half Day lecture to pediatric residents.

"Mental Health Concerns in Children and Adolescents During the COVID-19 Pandemic." April 1, 2021. Pediatric Grand Rounds at Kapiolani Medical Center for Women and Children.

Presented eighteen cases at Pediatric Morning Report July 2018-June 2021. Presented annual morbidity & mortality and journal club topics during three years of residency.

TEACHING EXPERIENCE

Office of Medical Education Fellowship in Medical Education Fellow September 2021-June 2022

- Participated in weekly sessions that provide training in faculty development, curriculum design, educational theory, teaching principles, presentation skills, clinical teaching, etc. Led by Dr Richard Kasuya.

SIM Facilitator, JABSOM MS3 Pediatric Clerkship Simulation Experience September 2021-Present

- Facilitated simulations of common pediatric emergencies using electronic manikins. 1 4 hour session.

SIM Facilitator, I-PASS training June 2020 and June 2021

- Facilitated zoom I-PASS trainings for JABSOM MS2 students about to start their pediatrics clerkship. 2 2 hour sessions.

- SIM Facilitator, Newborn exam** January 2019 and June 2021
- Taught JABSOM MS2 students the newborn exam prior to their nursery rotation. 2 4 hour sessions.
- Anatomy Buddies Baylor College of Medicine Anatomy tutor** August-December 2015
- Tutored MS1 students on anatomy. 30 hr.
- General Academic, Inc. Tutor Analyst** October 2010-May 2012
- Tutored middle and high school students one-on-one in algebra, biology, chemistry, Spanish, etc. Responsible for recording student progress and outlining plans and strategies for success. Four (4) students total.
- Cooperative for Afterschool Enrichment (CASE) Americorps member** September 2009-June 2010
- Planned and implemented enrichment classes such as cooking, robotics, and forensic science for upper elementary, middle, and high school students. Classes ranged from four to twenty five students.

LEADERSHIP EXPERIENCE

- Department of Pediatrics Diversity, Equity, and Inclusion Task Force Resident/Chief Representative** October 2020-Present
- Pediatric Education and Development for Students Committee Resident/Chief Representative** August 2019-Present
- Participated in discussions regarding how to evaluate and improve the JABSOM pediatric clerkship.
- Fondren Apartment Ministry Westbury United Methodist Church Board Member** September 2012-June 2018
- Secretary of 5-member Board. Helping to draft bylaws for the organization to achieve non-profit status.
 - Founding member. Helped form a new outreach ministry focused on connecting refugee families in Southwest Houston with services such as ESL classes, employment searches, rent assistance, and tutoring and artistic expression for children.

COMMUNITY SERVICE

- Angela House Care of the Underserved Team Project** January-May 2017
- Worked on a team of 12 medical students to develop and teach 8 lesson plans in healthy eating to residents at Angela House, a home for recently incarcerated women. 30 hr.
- Casa el Buen Samaritano Diabetes Clinic Volunteer** September 2015-May 2016
- Community health pilot program designed by Dr. Elizabeth Vaughan to address the health needs of underserved diabetes patients using group counseling, community health workers, and monthly medical follow-up for six months.
 - Helped manage patients' paperwork, took vitals, performed and recorded physical exams. 12 hr.
- Texas Children's Hospital-Center for Childhood Injury Prevention Internship** September 2013-December 2013
- Facilitated and participated in health promotion events such as Home Safety and Car Seat Safety. Worked in collaboration with law enforcement officials, health professionals, and community volunteers. Conducted bilingual follow-up surveys.
 - Completed data entry for Child Fatality Review-Greater Houston chapter. 180+ hr.

HONORS/AWARDS

- Resident Teaching Award-Nominated by Medical Students 2021
- Hawaii Pediatric Association Research & Education Foundation Resident Research Project Award 3rd place 2021
- Dr Venu Reddy and Dr Vijaya Reddy Resident Achievement Award 2021
- George William Starbuck, M.D. Award 2021
- Ralph Platou, M.D. Award 2021
- Hospitalist Award 2021
- Kenneth M. Ash, M.D. Neonatal Intensive Care Unit Resident Award 2020 and 2021
- Gold Humanism Honors Society 2018
- Phi Beta Kappa Honors Society 2009

References available upon request