

Professional Work Experience

November 2019 – Present	President, <i>Newport Beach Pediatric Pulmonology, Inc.</i>
January 2019 – Nov 2019	Director, <i>Therapeutic Development Center for Research in Cystic Fibrosis, Children's Hospital Orange County, Orange, California</i>
June 2016 – July 2019	Co-Director, <i>Cystic Fibrosis Care Center, Children's Hospital Orange County, Orange, California</i>
June 2015 – June 2016	Associate Director, <i>Cystic Fibrosis Care Center, Children's Hospital Orange County, Orange, California</i>
Jan. 2011 – Present	Assistant Clinical Professor, <i>University of California, Irvine</i>
Jan. 2011 – Nov. 2019	Pediatric Pulmonologist, <i>Pediatric Subspecialty Faculty, Children's Hospital Orange County, Orange, California</i>
Aug. 2007 – Aug. 2009	Pediatric Pulmonologist; <i>Pediatric Pulmonary Associates, Inc, Miller Children's Hospital, Long Beach, California</i>
Jan. 2007 – June 2007	Assistant Professor, Clinical Scholar Track; <i>Department of Pediatrics, Division of Pediatric Pulmonology; University of Minnesota, Minneapolis, Minnesota</i>
Jan. 2004 – June 2007	Pediatric Pulmonologist; <i>Children's Respiratory and Critical Care Specialists, Minneapolis, Minnesota</i>
July 2002 – Feb. 2006	Housestaff Moonlighter; <i>Gillette Children's Specialty Healthcare, St. Paul, Minnesota</i>

Certification and Licensure

Oct. 15, 2002	Certification, General Pediatrics, American Board of Pediatrics; entered Maintenance of Certification cycle 12/2009, completed 3/3/19, next due 12/2024; passed recertification exam 6/2013
Nov. 17, 2008	Certification, Pediatric Pulmonology, American Board of Pediatrics
July 7, 2007	Medical Licensure, California Board of Medical Practice
March 10, 2001	Medical Licensure, Minnesota Board of Medical Practice
May 8, 2000	United States Medical Licensing Exam, Step 3; Score: Pass
Sept. 27, 2018	Pediatric Advanced Life Support
Nov. 11, 2014	Basic Life Support
Sept. 11, 2006	Neonatal Resuscitation Program

Education

M.D., May 1999	Indiana University School of Medicine – Indianapolis, Indiana
B.S., May 1995	Indiana University – Bloomington, Indiana Major: Biology; Minor: Mathematics

Postdoctoral Training

Mar. 2017-June 2017	University of California, Irvine <i>Certificate for Leadership in Healthcare Transformation</i>
Sept. 2002 – Sept. 2006	University of Minnesota Hospitals and Clinics <i>Pediatric Pulmonology Fellow</i>
June 1999 – Sept. 2002	University of Minnesota Hospitals and Clinics <i>Categorical Pediatric Resident</i>

Hospital Affiliations

March 2020 – Present	Provisional Medical Staff, Department of Pediatrics, Hoag Memorial Hospital Presbyterian, Newport Beach, California
Dec. 2010 – Present	Associate Medical Staff, Children’s Hospital Orange County, Orange, California
2011 – March 2020	Associate Medical Staff, Whittier Presbyterian Intercommunity Hospital, Whittier, California
Aug. 2007 – Dec.2010	Associate Medical Staff, Memorial Miller Children’s Hospital, Long Beach, California
Jan. 2008 – Dec. 2010	Associate Medical Staff, Torrance Memorial Medical Center, Torrance, California
Jan. 2007 – July 2007	University of Minnesota Physicians, University of Minnesota Children’s Hospital, Minneapolis, Minnesota
Jan. 2004 – July 2007	Active Pediatric Staff, Children’s Hospitals and Clinics of Minnesota, Minneapolis, Minnesota
July 2002 – Feb. 2006	Gillette Children’s Specialty Healthcare, St. Paul, Minnesota

Honors and Awards

2020	Top Women in Medicine award for Top Docs
2017, 2018, 2019	OCMA Physician of Excellence award
2004	University of Minnesota Department of Pediatrics, Pediatric Fellows’ Research Symposium, 3 rd place award
July 2003 – June 2004	Recipient, Cystic Fibrosis Foundation 2 nd year Fellowship Training Grant
1998	Charles Meredith Thomas Memorial Scholarship
1997	Dr. Charles F. Barnett Scholarship
1995	Dr. Margaret Hatfield Scholarship
1995 – Present	Mortar Board Honor Society
1991, 1993, 1994, 1995	Dean’s List, Indiana University
1992, 1994, 1995	Founder’s Day Scholastic Achievement Award
1991, 1992	Indiana University Honors Division Scholarship Award

Special Training:

Pediatric Flexible Bronchoscopy Postgraduate Course presented by Robert Wood, MD, PhD, Cincinnati, Ohio, December 2004.

18th annual course in Pediatric Sleep Medicine, sponsored by the School of Sleep Medicine, Palo Alto, California, March 27-31, 2012.

Professional Affiliations

Fellow, American Academy of Pediatrics	1999 – Present
American Thoracic Society	2003 – Present
American College of CHEST Physicians	2003 – Present
Cystic Fibrosis Foundation	2003 – Present
CureSMA	2016 – Present

Presentations and Publications

Oviatt J, Harrison A. Getting Them Ready: Parental beliefs and behaviors around preparing for transitioning. Poster presentation at CHOC Research Day, November 2019, Orange, California.

Harrison A, Alpern AN, Tu K, Sou M, Lopez J, Pabelonio N, Chase Y. Improving Timely Delivery of IV Antibiotics and Airway Clearance Therapy in the Inpatient Setting. Poster presentation at CHOC Research Day, November 2019, Orange, California.

Harrison A, Alpern AN, Tu K, Sou M, Lopez J, Pabelonio N, Chase Y. Improving Timely Delivery of IV Antibiotics and Airway Clearance Therapy in the Inpatient Setting. Poster presentation at 33rd annual North American Cystic Fibrosis Conference, October 2019, Nashville, Tennessee.

Jerahian A, Sun M, Harrison A, Arrieta A, Ashouri N, Tran MT. Tobramycin IV time-of-undetectable level and impact on exposure, toxicity, *P.aeruginosa* resistance in children and young adult with Cystic Fibrosis. Poster presentation at 32nd annual North American Cystic Fibrosis Conference, October 2018, Denver, Colorado.

Harrison AN, Nguyen M, Poulin D, Shea J, Kandalaf R, Childs K, Fine T, Lopez J, Yuengsrigul A. Using microsystems methods to inject new life into quality improvement initiatives at our pediatric center. Poster presentation presented at CHOC Research Day, November 2016, Orange, California.

Harrison AN, Nguyen M, Poulin D, Shea J, Kandalaf R, Childs K, Fine T, Lopez J, Yuengsrigul A. Using microsystems methods to inject new life into quality improvement initiatives at our pediatric center. Poster presentation presented at 30th annual North American Cystic Fibrosis Conference, October 2016, Orlando, Florida.

Harrison AN, Castro G, Dashefsky L, Nussbaum E. Use of continuous propofol infusion as sedation for infant pulmonary function testing. Poster presentation at 23rd annual North American Cystic Fibrosis Conference, October 2009, Minneapolis, Minnesota.

Harrison AN, Regelman WE, Zirbes JM, Milla CE. Longitudinal Assessment of Lung Function from Infancy to Childhood in Patients with Cystic Fibrosis; Pediatric Pulmonology. 2009;44(4):330-339.

Harrison AN, Regelman WE, Milla CM. Longitudinal analysis of pulmonary function in Cystic Fibrosis Infants. *Pediatr Pulmonol* 2006;41(S29):A367. Poster presentation at 20th annual North American Cystic Fibrosis Conference, November 2006, Denver, Colorado.

Harrison AN, Anderson FO, Keck M, Resnick E, Cornfield DN. Differential Sensitivity of Ovine Airway Smooth Muscle Cells to bronchoconstrictor stimuli. Poster presentation at 100th annual American Thoracic Society International Conference, May 2004, Orlando, Florida.

“Differential Sensitivity of Ovine Airway Smooth Muscle Cells to bronchoconstrictor stimuli.” Research presentation at the University of Minnesota Pediatric Fellows’ Research Symposium. Received 3rd place award. April 15, 2004.

“A Two year old Child with Chronic Cough and Recurrent Pneumonia.” Case Presentation given at the Children’s Hospitals and Clinics of Minnesota Pediatric Pulmonary and Critical Care Conference March 5, 2004.

Invited Lectures

October 2, 2019; Restrictive Lung Disease in Muscle Weakness – 1 hour lecture to CCS-paneled Physical Therapists at All Staff retreat, Irvine, California

October 2, 2019; Restrictive Lung Disease in Muscle Weakness – 2 hour lecture to Respiratory Therapy students at Orange Coast College

August 31, 2019; Pulmonary Care in SMA – 1 hour lecture to SMA patients and their families at CureSMA Summit of Strength, Anaheim, California.

May 3, 2019; Cystic Fibrosis and Bronchiectasis – 1 hour lecture to Pediatric residents at Children’s Hospital Orange County

October 10, 2018; Overview of Pediatric Pulmonology – 2.5 hour lecture to Respiratory Therapy students at Orange Coast College

May 9, 2018; CHOC Cystic Fibrosis Center Update 2018 – 30 minute lecture to CF patients and their families for CF Education Day at Children’s Hospital Orange County

January 12, 2018; Chronic Cough – 1 hour Lunch and learn conference presented to Pediatricians at Pediatric and Adult Medicine in Tustin, California

October 16, 2017; Overview of Pediatric Pulmonology – 2 hour lecture to Respiratory Therapy students at Orange Coast College

September 8, 2017; Update on Cystic Fibrosis – 1 hour lecture to Pediatric residents at Children’s Hospital Orange County

August 30, 2017; CHOC CF Center QI Update for CFF Site Visitor – 1 hour lecture to site visitor from Cystic Fibrosis Foundation for CF Center accreditation

May 3, 2017; Transforming Cystic Fibrosis Care – 1 hour lecture to CF patients and their families for CF Education Day at Children’s Hospital Orange County

October 13, 2016; Respiratory care of patients with Cystic Fibrosis and Neuromuscular Disease – 90 minute lecture to Respiratory Therapy students at Orange Coast College

January 25, 2016; Cystic Fibrosis and the Respiratory Therapist – 1 hour lecture to Respiratory Therapists at Children’s Hospital Orange County

September 16, 2015; Overview of Pediatric Pulmonology – 2 hour lecture to Respiratory Therapy students at Orange Coast College

June 19, 2015; Challenges in Pediatric Pulmonology: Chronic Cough – lecture to Pediatric residents at Children’s Hospital Orange County

January 19, 2015; Chronic Respiratory Failure in Neuromuscular Disease – lecture to Pediatric Pulmonary Division at Children’s Hospital Orange County

April 22, 2014; Bronchopulmonary Dysplasia – lecture to Pediatric residents at Children’s Hospital of Orange County

February 6, 2013; Challenges in Pediatric Pulmonology: Chronic Cough – Pediatric Grand Rounds at Children’s Hospital Orange County

June 21, 2012; Bronchopulmonary Dysplasia – lecture to Pediatric residents at Children’s Hospital of Orange County

January 5, 2012; Pediatric Apnea, ALTE, and SIDS – lecture to Pediatric residents at Children’s Hospital of Orange County

Podcasts

May 9th, 2019; received award to CHOC for Excellence in Person and Family Engagement (PFE) in CF Center, taped Podcast on PFE story with parent partner Alicia Maciel for Center Medicare and Medicaid Services.

May 9th, 2019; taping for ComingCures Podcast on Cystic Fibrosis with Jim Best.

Clinical Research

Completed Research Support

9/21/18-11/13/19 Role: Principle Investigator

A Phase 3 Study Evaluating the Pharmacokinetics, Safety, and Tolerability of VX-445/TEZ/IVA Triple Combination Therapy in Cystic Fibrosis Subjects 6 through 11 years of Age, Sponsor: Vertex Pharmaceuticals

8/13/18-8/12/19 Role: Co-Investigator

Pediatric Sleep Analysis, Sponsor: Internal Funding Source, CHOC

7/13/18-7/12/19 Role: Principle Investigator

Getting them ready: The association of parental beliefs, values, and behaviors around supporting the development of transition-related skills in adolescents with cystic fibrosis, Sponsor: Cystic Fibrosis Foundation

10/13/17-10/12/18 Role: Co-Investigator

Distress Tolerance, Mental Health Symptoms, and Barriers to Medical Treatments in Adolescents with Cystic Fibrosis and Their Caregivers: a Pilot Study, Sponsor: Internal Funding Source, CHOC

5/9/16-4/8/19 Role: Co-Investigator

The Effectiveness of Determining Peripheral Airway Dysfunction by Impulse Oscillometry in preventing Exacerbation in Children with High-Risk Asthma, Sponsor: Internal Funding Source, CHOC PSF

9/19/16-3/28/18 Role: Co-Investigator

A Phase 3, Open Label Study Evaluating the Efficacy and Safety of Liprotamase in Subjects with Cystic Fibrosis Related Exocrine Pancreatic Insufficiency, Sponsor: Anthera

8/15/16-6/5/17 Role: Principle Investigator

Psychometric Evaluation of the Gastrointestinal (GI) Symptom Tracker in Patients with Cystic Fibrosis, Sponsor: AbbVie

11/17/14-11/18/16 Role: Co-Investigator

The SENTINEL 1 Study: An Observational, Non-Interventional Study in the United States to Characterize Respiratory Syncytial Virus Hospitalizations among Infants Born at 29 to 35 weeks Gestational Age Not Receiving Immunoprophylaxis, Sponsor: AstraZeneca

Hospital Committees and Community Involvement

Children's Hospital Orange County

- Ambulatory Services CHOC Hospital Committee 1/2017- 12/2018.
- Physician Leader, CF Learning Network Grant through the Cystic Fibrosis Foundation, 6/2017-7/2019.
- Physician Leader, Fundamentals Learning and Leadership Grant through the Cystic Fibrosis Foundation, 5/2015-10/2016.
- Best Place to Practice Medicine, CHOC Hospital Committee, 1/2015-10/2016
- Recruitment and Benefits Committee, CHOC Children's Medical Specialists, 2011-2016

CalOptima Quality Improvement Committee

- CalOptima Whole Child Model Clinical Advisory Committee (CAC) 9/6/2018-12/2019

Medical Outreach Advisory Board – Make-A-Wish Orange County (2/2016-present)

- Participate in quarterly meetings to review mission statement and referrals to Make-A-Wish OC
- Review individual cases to determine medical eligibility
- Help with outreach to improve referrals to Make-A-Wish OC

Cystic Fibrosis Foundation – Orange County chapter

- Spoke at OC Finest Gala 2018
- Tour + meet and greet with OC Finest competitors 2017, 2018
- Participated in Great Strides 2016, 2017, 2018
- Attended volunteer reception 2018, 2019

Medical Advisory Team – Kindle Ranch

- Developing coalition of nonprofit groups to use a proposed camp for special needs children in Santa Clarita, CA

Memorial Miller Children's Hospital:

- Physician leader of multidisciplinary committee to improve care of all hospitalized patients with tracheostomy or trach/vent dependence
- Directed quality improvement committee for patients with Cystic Fibrosis
- Participated in Genetic Disease Screening Program monthly updates for California Newborn Screening program
- Set up infant pulmonary function testing program with nSpire Infant Pulmonary Lab system

University of Minnesota:

- Fellowship Board Review – organized weekly meeting for fellows and attendings to cover full content outline for preparation for Pediatric Pulmonary Board Certification exam.

Skills and Interests

Hiking, International Traveling, Baking