

Thao (Tina) Ho, DO

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Current Position

Assistant Professor
Department of Pediatrics, Division of Neonatology
University of South Florida, Tampa, FL
2016-present

Education and Training

University of South Florida, Tampa, FL
Fellowship in Neonatology
2011-2014

Naval Medical Center, San Diego, CA
Keesler Medical Center, Keesler Air Force Base, MS
(Interrupted by hurricane Katrina)
Residency in Pediatrics
2005-2008
2005

Nova Southeastern University, Fort Lauderdale, FL
Doctor of Osteopathy
2001-2005

University of Central Florida, Orlando, FL
B.S. in Chemistry (magna cum laude)
Minor in Mathematics
1997-2001

Professional Experience

Attending Neonatologist
Tampa General Hospital
University of South Florida, Tampa, FL
2016-present

Attending Neonatologist
Carle Foundation Hospital, Urbana, IL
2014-2016

Mike O'Callaghan Federal Hospital, Nellis Air Force Base, NV
▪ Attending Pediatrician
▪ Clinic Chief, Pediatrics
▪ Medical Director, Pediatrics
2008-2011
2010-2011
2010-2011

Reach Out and Read Program Supervisor
Mike O'Callaghan Federal Hospital, Nellis Air Force Base, NV
2009-2011

Academic Appointments

Assistant Professor of Pediatrics
University of South Florida, Tampa, FL
2016-present

Clinical Faculty
University of Illinois, Urbana/Champaign, IL
2014-2016

Chief Fellow, Neonatology
University of South Florida, Tampa, FL
2013-2014

Military Service

Commissioned Medical Officer
US Air Force
2005-2011

Reservist
US Air Force
2001-2005

Certification and Licensure

Florida Medical License	2006-present
Illinois Medical License	2014-2017
Board Certified, Perinatal/Neonatal Medicine, American Board of Pediatrics	2016-present
Board Certified, Pediatrics Medicine, American Board of Pediatrics	2009-present
Diplomat, American Board of Pediatrics	2009-present
Neonatal Resuscitation Program (NRP) Instructor	2008-present
Pediatric Advanced Life Support (PALS)	2005-present
S.T.A.B.L.E Lead Instructor (Sugar & Safe Care, Temperature, Airway, Blood Pressure, Lab Work, Emotional Support)	2008-2013

Professional Membership

American Academy of Pediatrics	2005-present
Uniformed Services Chapter West	2005-2011

Honors and Awards

AAMC Grant Writers Coaching Group for NIH Awards	2018
AAMC Early Career Women Faculty Leadership Development Seminar	2018
29 th Annual NICHD Conference on Maternal-Fetal-Neonatal-Reproductive Medicine	2017
Air Force Commendation Medal	2011
Air Force Meritorious Service Medal	2011
Outstanding Award in Pediatric Study for Medical Student	2005
Air Force Health Profession Scholarship Program	2001-2005

Committee Assignments and Administrative Services

Antibiotic Stewardship Committee Physician champion for Early Onset Sepsis Initiative Tampa General Hospital, Tampa, FL	2017-present
Neonatal Nutrition Committee Tampa General Hospital, Tampa, FL	2016-present
Vermont Oxford Network Collaborative Committee Physician champion for Golden Hour project Carle Foundation Hospital, Urbana, IL	2014-2016
Credential Committee Mike O'Callaghan Federal Hospital, Nellis Air Force Base, NV	2010-2011
Newborn Advisory Committee Naval Medical Center, San Diego, CA	2005-2008

Course Development

S.T.A.B.L.E. Course Developer and Director Mike O'Callaghan Federal Hospital Nellis Air Force Base, NV	2010-2011
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Invited Lectures

Johns Hopkins All Children's Hospital, Pediatrics Grand Rounds <i>Intestinal Microbiome in Preterm Infants</i>	11/2018
University of South Florida, Perinatal Seminars <i>Development of Gut Microbiome in Preterm Infants</i>	11/2017
University of South Florida, Respiratory Therapist Fall Conference <i>Lung Microbiome</i>	10/2017
University of South Florida, Pediatrics Department Grand Rounds <i>Intestinal Microbiome in Our Very Low Birth Weight Infants</i>	03/2017
University of South Florida, Perinatal Seminars <i>Microbiome and Anemia in Very Low Birth Weight Infants</i>	02/2017

Educational Activities

Medical Student Critical Care Elective (MEL 7565) Supervise, teach and evaluate medical students on their elective rotations in the NICU	5/2018-present
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Research Advisory Committees

University of South Florida, Perinatal-Neonatal Fellowship Program	
▪ Moath Alhamad	2018-present
▪ Jocelyne Tadros	2018-present
▪ Felicia Daniels	2018-present
University of South Florida, College of Nursing PhD program	
▪ Lauren Wright	2017-present

Fellow Lectures/Education

University of South Florida, Perinatal-Neonatal Fellow	
▪ <i>Management of Extreme Premature Infants</i>	2018-present
▪ <i>Ventilation Management of Premature Infants</i>	2016-present
▪ <i>Fellowship Research Project</i>	7/2017
University of South Florida, supervisor for Perinatal-Neonatal fellow journal club	
▪ Provide guidance in journal article selection and discussion monthly	2017-present

Resident Lectures

University of South Florida, Pediatrics Resident lectures	
▪ <i>Umbilical Line Placements</i>	2017-present
▪ <i>Retinopathy of Prematurity</i>	2017-present
▪ <i>Ventilator Management and Blood Gas</i>	2017-present
▪ <i>Intraventricular Hemorrhage</i>	2017-present

Resident/Fellow mentorship

Provide mentorship for Pediatric residents and neonatal fellows from first year thru out their training	
▪ Jaurel Harley, resident	2016-present
▪ Monica Shah, resident	2017-present
▪ Jocelyne Tadros, fellow	2017-present

Clinical Education

University of South Florida, Tampa, FL Clinical educator for medical students, pediatrics residents, and perinatal-neonatal fellows	2016-present
University of Illinois, Urbana-Champaign, IL Clinical faculty for family medicine residents, medical and pre-med students	2014-2016
Mike O'Callaghan Federal Hospital, Nellis Air Force Base, NV Clinical instructor for family medicine residents, physician assistant students and medical students	2008-2011

Continuing Professional Development

RNAseq laboratory and computational training course 5/2018
College of Global Health
University of South Florida, Tampa, FL

Scientific writing mini-course, 7 hrs 11/2017
University of South Florida, Tampa, FL

Grants

Current Grants

Agency: USF Women's Health Collaborative Grant
Title: "The Impact of Enteral Iron Availability on Intestinal Microbiome and Inflammation In Premature Infants"
P.I.: Thao (Tina) Ho, DO
Total cost: \$15,000
Project period: 8/2017-7/2019

Agency: NIH/NINR
I.D#: 1R01NR015446-01
Title: The Preterm Infant Microbiome: Biological, Behavioral and Health Outcomes at 2 and 4 Years of Age
P.I.: Groer
Role on project: co-I
Percent effort: 3%
Total cost: \$463,145
Project period: 5/12/15-1/30/20

Agency: Carle Illinois Collaborative Research Seed Proposal Program
Title: Intestinal Microbiota Development in Relation to Nutritional Status in Preterm Infants
P.I.: Thao (Tina) Ho
Total costs: \$50,000
Project period: 08/20/2016-12/20/2018

Past Grants

Agency: NIH/OD
I.D#: UG3 OD023281
Title: Environmental Influences on Child Health Outcomes (ECHO)
P.I.: Erika Claud
Role on project: site co-I
Percent effort: 9%
Total site costs: \$70,000
Project period: 09/21/2016-08/31/2018

Agency: The Gerber Foundation, Novice Research Award
Title: The Effect of Packed Red Blood Cell Transfusions on Intestinal Inflammation in Very Low Birth Weight Infants
P.I.: Thao (Tina) Ho
Total costs: \$20,000
Project period: 01/2013-01/2014

Publications

Peer-Reviewed Publications

1. **Ho TB**, Groer M., Kane B., Yee A., Torres B., Gilbert J., Maheshwari A. Enteric Dysbiosis and Fecal Calprotectin Expression in Premature Infants". Accepted to *Pediatric Research* in 2018.
2. Alyson Yee, Elizabeth Miller, Larry Dishaw, Jessica Gordon, Ming Ji, Samia Ozorio Dutra, **Thao Ho**, Jack Gilbert, and Maureen Groer. Longitudinal microbiome composition and stability correlates with increased weight and length of Very Low Birth Weight infants. Accepted to *mSystems* in 2018.
3. **Ho TB**, Groer M., Kane B., Yee A., Torres B., Gilbert J., Maheshwari A. Dichotomous Development of the Gut Microbiome in Preterm Infants. *Microbiome*, 2018 6:157.
4. **Ho TB**, Groer M., Luciano A., Schwartz A., Ji M., Miladinovic B., Maheshwari A., Ashmeade T. Red Blood Cell Transfusions Increase Fecal Calprotectin Levels in Premature Infants. *J of Perinatology*, 2015 Oct; 35(10):837-41.

Books, Textbooks, Chapters

MohanKumar K, Namachivayam K, **Ho TTB**, Torres BA, Ohls RK, Maheshwari A. Cytokines and Growth Factors in the Developing Intestine and during Necrotizing Enterocolitis. *Semin Perinatol* 2017 Feb;41(1):52-60.

Abstract Presentations

National/International Meetings

1. **Ho TB**, Groer M., Torres B., Yee A., Maheshwari A. *Vaginal Delivery and Latino Ethnicity Are Predictors of Early Gram Negative Gut Colonization in Premature Infants*. Abstract poster presented at Pediatric Academic Societies annual meeting, San Francisco, CA, May, 2017
2. **Ho TB**, Yee A., Groer M. *Intestinal Microbiome in Very Low Birth Weight Infants with Severe Anemia*. Abstract poster presented at Keystone Symposia in Molecular Medicine: Microbiome in health and disease. Keystone, CO, February, 2017
3. **Ho TB**, Groer M., Luciano A., Schwartz A., Ji M., Miladinovic B., Ashmeade T. *The Effect of Packed Red Blood Cell Transfusions on Intestinal Inflammation In Very Low Birth Weight Infants*. (Abstract poster presented at Pediatric Academic Societies annual meeting, Vancouver, Canada, May, 2014; American Academy of Pediatrics National Conference and Exhibit, Orlando, FL, October, 2013)

Local/Regional Meetings

Ho TB, Groer M., Luciano A. Ashmeade T. *The Effect of Packed Red Blood Cell Transfusion on Intestinal Inflammation in Very Low Birth Weight Infants*. (Abstract poster presented at Section on Perinatal Pediatrics, 83rd Perinatal & Developmental Medicine Symposium, Marco Island, FL, March, 2014; Abstract platform presentation at 38th Southeastern Conference on Perinatal Research Key Largo, FL, February, 2013)

Volunteer/Humanitarian Services

Teach Neonatal Resuscitation and Neonatal Diseases to nurses and physicians in Vietnam annually

2015-present

US Naval Humanitarian Medical Mission, Mercy hospital ship
Nha Trang, Vietnam

5/2008