

Curriculum Vitae

Peter Hsu, MD, MS

Present Mailing Address

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Education

Master of Public Health – Vanderbilt University School of Medicine, Nashville, Tennessee. To start in 08/2018.

Pediatric Hematology/Oncology Fellowship – Monroe Carell Jr. Children’s Hospital at Vanderbilt, Nashville, Tennessee. 07/2016 – Present.

Combined Internal Medicine-Pediatrics Residency – Case Western Reserve University/MetroHealth Medical Center, Cleveland, Ohio. 07/2012 – 06/2016.

Medicine – Northeast Ohio Medical University, Rootstown, Ohio
M.D., 05/2012.

Graduate and Undergraduate – University of California San Diego, La Jolla, California
M.S., Biology, 06/2006.
B.S., Animal Physiology and Neuroscience, 09/2005

Grant Funding

K12 Award – Vanderbilt Clinical Oncology Research Career Development Program, 07/2018-06/2010.

Work Experience

Locum Hospitalist, 06/2017 – Present.

Integrity Locums

Contact: Megan Doumer (mdoumer@ihcl.com)

Responsibilities: Hospitalist coverage at Maury Regional Medical Center in Columbia, TN; Mt. Carmel St. Ann’s and Mt. Carmel East in Columbus, OH; Cookeville Regional Medical Center in Cookeville, TN; Williamson Medical Center in Franklin, TN.

Locum Hospitalist, 12/2016 – Present.

Interim Physicians

Contact: Heather Ward (Heather.Ward@interimphysicians.com)

Responsibilities: Hospitalist coverage at Toledo Hospital in Toledo, OH; Adena Greenfield Medical Center in Greenfield, OH; Tennova Healthcare in Clarksville, TN.

House Physician, 06/2015 – 06/2016.

Euclid Hospital, a branch of the Cleveland Clinic Health System, Euclid, OH

Contacts: Lisa Vencius (lsvencius@physicianstaffing.com), Marisa Scimone (mmscimone@themhg.com), and John Martin (johnmartin@themhg.com).

Responsibilities: ICU admissions, running codes, procedures (peripheral lines, central lines, arterial lines, endotracheal intubation, etc), responding to nursing needs.

Admitting Physician, 09/2015 – 06/2016.

Louis Stokes Cleveland, Department of Veterans Affairs Medical Center, Cleveland, OH

Contact: Todd Smith, MD (Todd.Smith@va.gov)

Responsibilities: Proper care, management, and triage for patients in the Emergency Department.

House Physician, 01/2016 – 06/2016.

Regency Hospital, Cleveland East, Warrensville Heights, OH

Contacts: Lisa Vencius (lsvencius@physicianstaffing.com) and John Martin (johnmartin@themhg.com).

Responsibilities: Admissions, running codes, procedures, responding to nursing/patient needs.

Med/Peds Interest Group Advisor; 05/2014 – 06/2016.

Northeast Ohio Medical University (NEOMED), Ohio

Assist in the development of goals and objectives for the med/peds interest group at NEOMED, founded on 05/21/2014.

Internal Medicine-Pediatrics Specialty Mentor; 04/2014 – 06/2016.

Northeast Ohio Medical University (NEOMED), Ohio

Provide assistance and guidance for students at NEOMED who are interested in or curious about pursuing a career in the field of a combined internal medicine and pediatrics practice.

Class Representative on the Program Evaluation Committee; 04/2014 – 06/2016.

Case Western Reserve University (CWRU)/MetroHealth Medical Center (MHMC), Ohio

Represented my PGY class in a formal and systematic way to strengthen communication between residents and leadership/program administration; attend meetings, detail resident concerns and provide solutions for all members of the Program Evaluation Committee to consider; and discuss decisions/outcome from the Program Evaluation Committee with my PGY class as well as monitor for unintended outcomes stemming from committee decisions.

Student e-Portfolio Reviewer; 09/2013 – 06/2016.

Case Western Reserve University (CWRU) School of Medicine, Ohio

Review summative portfolio of medical school students at the Case Western Reserve University and make constructive comments to help students assess, reflect upon, and achieve the 9 core competencies per the medical education curriculum at CWRU. This is a teaching activity position.

Peer Instructor; 12/2011 – 06/2012.

College of Medicine at NEOMED, Ohio

Taught the Comprehensive Review Course with other peer instructors from the graduating M4 class. The Comprehensive Review Course was a required course as a part of the M2 curriculum

at NEOMED. Reviewed high-yield topics on the USMLE Step 1, facilitated group discussions, and aided students in connecting different concepts when faced with a clinical situation.

Student Advisor; 01/2011 – 06/2012.

College of Graduate Studies at NEOMED, Ohio

Advised the Dean of the College of Graduate Studies at the Northeast Ohio Medical University on new initiatives that impacted the Colleges of Medicine and Pharmacy at NEOMED.

Reviewed the draft by-laws for the College of Graduate Studies at NEOMED, reviewed criteria for installation of graduate faculty, and reviewed criteria for graduate faculty council.

Peer Tutor; 09/2009 – 09/2010.

Northeast Ohio Medical University, Ohio

Held review sessions, wrote mock exam questions, and consulted students with various difficulties.

Peer Tutor; 08/2007 – 12/2008.

Ross University School of Medicine, Dominica

Held regular sessions (10-40 students), conducted review sessions (60-300 students), wrote sample test questions, and consulted students with various difficulties.

Teaching Assistant; 03/2005 – 06/2006.

University of California San Diego, California

Held weekly sessions and office hours, led review sessions, wrote mock exam questions, and consulted students with various difficulties; assisted in both lower and upper division science courses.

Research Experience

Clinical Fellow, Research Track, 07/2016 – Present

Monroe Carell Jr. Children's Hospital at Vanderbilt, Tennessee, under the guidance of John Graves, PhD; and Debra Friedman, MD, MS

Investigate insurance coverage patterns for adolescents and young adults with cancer in the era of the Affordable Care Act.

Research Assistant, 01/2014 – 07/2014.

Case Western Reserve University, Ohio, under the guidance of Lyndsay N. Harris, MD

Basic science research experiments, literature review, data analysis, lab meetings, and manuscript/abstract preparation.

Research Assistant, 01/2014 – 03/2014.

Case Western Reserve University, Ohio, under the guidance of Shigemi Matsuyama, DVM, PhD

Basic science research experiments, literature review, manuscript preparation, and grant proposal revision/modification.

Resident Researcher, 08/2013 – 08/2014.

Case Western Reserve University/MetroHealth Medical Center, Ohio, under the guidance of Deepak Kumar, MD, and Maroun Mhanna, MD, MPH

Case report plus literature review on Potter sequence and manuscript preparation.

Research Assistant, 08/2012 – 12/2013.

Case Western Reserve University, Ohio, under the guidance of Cheng-Kui Qu, MD, PhD
Conducted basic science research experiments, reviewed current literature on the metabolic plasticity of hematopoietic stem cell, prepared manuscript, and revised/modified grant proposals.

Student Research Assistant, 03/2012 – 06/2012, 09/2009 – 09/2010.

Northeast Ohio Medical University, Ohio, under the guidance of John Chiang, PhD
Conducted basic science research experiments, presented in lab meetings, and helped with manuscripts, abstracts, and poster presentations.

Research Assistant, 06/2010 – 07/2010, 12/2010 – 02/2011.

Akron General Medical Center, Ohio, under the guidance of Kimberly D. Sloan Stakleff, PhD, MS

Conducted basic science research experiments, presented results, and helped with manuscript and abstract writing.

Student Researcher, 10/2009 – 05/2011.

Northeast Ohio Medical University, Ohio, under the guidance of Robert Brodell, MD
Clinical research, literature review, making contacts with drug representatives from various pharmaceutical companies as well as editors from major peer reviewed journals, and manuscript preparation.

Student Researcher, 10/2009 – 03/2011.

Akron General Medical Center, Ohio, under the guidance of Eliot Mostow, MD
Clinical research, literature review, writing my first research proposal that was approved by the institutional review board at the Akron General Medical Center, making contacts with the Cleveland Philharmonic Orchestra, the Cleveland Orchestra, and the Akron Symphony Orchestra.

Graduate Student, 09/2005 – 06/2006.

University of California San Diego, California, under the guidance of Ethan Bier, PhD
Conducted basic science research experiments, presented in lab meetings, and defended my master's thesis.

Publications

Peer Reviewed Journal Articles/Abstracts

1. Hsu P, Graves JA. The Affordable Care Act and Adolescents and Young Adults with Cancer: Much Progress, but Challenges Remain. JAMA Oncology. 2018 May 24; Epub. PMID: 29800085.
2. H Gilmore, V Varadan, N Williams, CL Thompson, S Kim, P Hsu, K Miskiimen, A Palkar, S Vinayak, R Lindner, L Harris. Androgen receptor expression in triple negative breast cancer. San Antonio Breast Cancer Symposium. 2014

3. Zheng H, Li S, Hsu P, Qu CK. Induction of a Tumor-Associated Activating Mutation in Protein Tyrosine Phosphatase Ptpn11 (Shp2) Enhances Mitochondrial Metabolism, Leading to Oxidative Stress and Senescence. *The Journal of Biological Chemistry*. 2013 Sep 6; 288(36):25727-38.; PMID: 23884424.
4. Hsu P, Qu CK. Metabolic Plasticity and Hematopoietic Stem Cell Biology. *Current Opinion in Hematology*. 2013 July; 20(4): 289-294. PMID: 23615055.
5. Hsu P, Litman GI, Brodell RT. Overview of the Treatment of Acne Vulgaris with Topical Retinoids. *Postgraduate Medicine*. 2011 May; 123(3): 153-161. PMID: 21566426.
6. Li T, Owsley E, Matozel M, Hsu P, Chiang JY. Transgenic expression of CYP7A1 in the liver prevents high fat diet-induced obesity and insulin resistance in mice. *The Journal of the Federation of American Societies for Experimental Biology*. 2010 Apr; 24(Meeting Abstract Supplement): 570.4.
7. Li T, Owsley E, Matozel M, Hsu P, Novak CM, Chiang JY. Transgenic Expression of Cholesterol 7alpha-Hydroxylase in the Liver Prevents High-Fat Diet-Induced Obesity and Insulin Resistance in Mice. *Hepatology*. 2010 Aug; 52(2): 678-690. PMID: 20623580.

Poster Presentation

1. Hsu, P, Taverna, J, Wong, K, Algahim, M, Kakarala, H, Haller, N. (2011, May). *Descending Necrotizing Mediastinitis*. Poster presented at: Northeast Ohio Medical University - Student Research Day; Rootstown, OH.
2. Hsu, P, Taverna, J, Algahim, M, Kakarala, H, Haller, N. (2010, October). *Descending Necrotizing Mediastinitis*. Poster presented at: American College of Physicians - 2010 Ohio Chapter Scientific Meeting; Columbus, OH.
3. Hsu, P, Taverna, J, Schnegg, L, Kakarala, H, Haller, N. (2010, October). *CPR and Somatic Support for a 22-Gestational Week Pregnant Woman after Brain Death*. Poster presented at: American College of Physicians - 2010 Ohio Chapter Scientific Meeting; Columbus, OH.
4. Li T, Owsley E, Matozel M, Hsu P, Chiang JY. (2010, April). *Transgenic expression of CYP7A1 in the liver prevents high fat diet-induced obesity and insulin resistance in mice*. Poster presented at: Experimental Biology Meeting; Anaheim, CA.
5. Li T, Owsley E, Matozel M, Hsu P, Chiang JY. (2009, October). *Transgenic expression of CYP7A1 in the liver prevents high fat diet-induced obesity and insulin resistance in mice*. Poster presented at: Jensen Symposium; Cincinnati, OH.

Oral Presentation

1. Hsu, P (2016, April). *Hodgkin Lymphoma*. Oral Presentation presented at: Internal Medicine-Pediatrics Residency Senior Talk; Cleveland, OH.
2. Hsu, P (2015, October). *Statistical Significance Does Not Equate to Clinical Significance*. Oral Presentation presented at: the Internal Medicine-Pediatrics Resident Meeting; Cleveland, OH.
3. Hsu, P (2014, October). *Randomized Study Comparing a Basal-Bolus With a Basal Plus Correction Insulin Regimen for the Hospital Management of Medical and Surgical*

Patients With Type 2 Diabetes. Oral Presentation presented at: Adult Endocrinology Case Conference; Cleveland, OH.

4. Hsu, P (2013, October). *Ways to go about Research during Residency*. Oral Presentation presented at: the Internal Medicine-Pediatrics Resident Meeting; Cleveland, OH.
5. Hsu, P (2013, June). *Intern Survival Guide on the Newborn Nursery Service*. Oral Presentation presented at: Pediatrics Quality Improvement Project; Cleveland, OH.
6. Hsu, P (2012, October). *Oculoglandular Syndrome, Preseptal Cellulitis, Orbital Cellulitis, and Dacryadenitis*. Oral Presentation presented at: Pediatrics in Press Noon Conference; Cleveland, OH.
7. Hsu, P. (2011, February). *Prevalence of High-Risk Human Papillomavirus in Sperm Specimens from Couples Undergoing In Vitro Fertilization*. Oral Presentation presented at: Winter Research Fellowship - Akron General Medical Center; Akron, OH.
8. Hsu, P. (2010, July). *Prevalence of Human Papillomavirus in Sperm Specimens from Couples Undergoing In Vitro Fertilization*. Oral Presentation presented at: Summer Research Fellowship - Akron General Medical Center; Akron, OH.
9. Hsu, P. (2006, June). *Investigating the Physiological Effects of the Lethal and the Edema Factors from Anthrax Toxins Using Drosophila melanogaster*. Oral Presentation presented at: Master's Thesis Defense; La Jolla, CA.

Honors and Awards

David F. Mansour MD Award for Humanism and Excellence in Teaching; 06/2016.

MetroHealth Medical Center, Center for Internal Medicine-Pediatrics; A Teaching Center of Case Western Reserve University, Ohio.

This award is generally regarded as having the highest recognition value within our Med/Peds residency program.

Goodfellow Award; 06/2016.

MetroHealth Medical Center Case Western Reserve University, Department of Pediatrics, Ohio
Awarded by fellow pediatric residents for dedication and service.

Resident Research Award; 06/2014.

MetroHealth Medical Center, Center for Internal Medicine-Pediatrics; A Teaching Center of Case Western Reserve University, Ohio.

An award for research productivity and excellence over the academic year of 2013-2014.