**CURRICULUM VITAE**

**Date of Revision:** July 2, 2021

**Name**: Lei Chen, M.D., M.H.S.

**School**: Yale University School of Medicine

**Education**:

B.S. California Institute of Technology (Biology), 1992

M.D. New York University School of Medicine, 1997

M.H.S. Yale University School of Medicine, 2010

**Career/Academic Appointments**:

1997 – 2000 Resident, Pediatrics, Yale-New Haven Children’s Hospital, New Haven, CT

2000 – 2001 Clinical Fellow, Pediatric Critical Care, Yale University School of Medicine, New Haven, CT

2001 – 2004 Clinical Fellow, Pediatric Emergency Medicine, Yale University School of Medicine, New Haven, CT

2005 – 2005 Instructor, Pediatric Emergency Medicine, Yale University School of Medicine, New Haven, CT

2006 – 2011 Assistant Professor of Pediatrics, Yale University School of Medicine, New Haven, CT

2011 – 2021 Associate Professor of Pediatrics, Yale University School of Medicine, New Haven, CT

2019 – present Faculty, Maternal and Child Health, Yale Institute for Global Health

2021 – present Professor of Pediatrics and Emergency Medicine, Yale University School of Medicine, New Haven, CT

**Administrative Positions:**

2006 –2008 Associate Director, Pediatric Emergency Medicine Fellowship, Yale University School of Medicine, New Haven, CT

2008 – 2011 Program Director, Pediatric Emergency Medicine Fellowship, Yale University School of Medicine, New Haven, CT

**Board Certifications**:

American Board of Pediatrics, Pediatrics, 2000, recertification 2007, 2018

American Board of Pediatrics, Emergency Medicine, 2007, recertified 2013, 2018

**Professional Honors and Recognition**

**International/National/Regional**

2016 Top ten PEM papers, AAP NCE, San Francisco, CA

Siew L, Hsiao A, McCarthy P, Agarwal A, Lee E, **Chen** **L**. Reliability of Telemedicine in the Assessment of Seriously Ill Children. *Pediatrics.* 2016;137 (3): PMID: 26908666

2012 Top ten PEM papers, AAP NCE, New Orleans, LA

Riera A, Hsiao AL, Langhan ML, Goodman TR, **Chen L**. Diagnosis of Intussusception by Physician Novice Sonographers in the Emergency Department. *Annals of Emergency Medicine*. 2012;60(3):264-268. PMID: 22424652

2010 AAP / SOEM advocacy scholarship, Arlington, Virginia

2004 Ludwig / Seidel Award, Ambulatory Pediatrics Association, Best Fellow

Research in Pediatric Emergency Medicine, *PAS*/*SPR*, San Francisco,

California

**University**

2021 Employee Recognition Award, Yale-New Haven Children’s Hospital, New Haven, CT

2020 Nominated for the Leonard Tow Humanism in Medicine Award, Yale University School of Medicine, New Haven, CT

2020 COVID-19 Recognition Award, Yale School of Medicine, New Haven, CT

2018 Patient Experience Champion: Yale-New Haven Children’s Hospital Pediatric Emergency Department, highest Press-Ganey survey score

2017-21 Pediatric Faculty Honor Roll, Yale University School of Medicine, New Haven, CT

**Grant/Current Trials History**

**Current Grants**

Agency: Chinese Medical Board, Boston, MA

Title: Global Collaboration to Improve Patient Safety Management in Zimbabwe and Sierra Leone

P.I.: Chen Xiang, MD

Role on Project: Co-P.I.: Lei Chen, MD MHS

Percent Effort: NA

Direct costs per year: $10,000

Total costs for project period: $200,000

Project Period: January 2019 – December 2021

**Past Grants**

Agency: Dox Foundation

Title: Teaching Bedside Ultrasound in Rwanda

P.I: Lei Chen, MD MHS

Percent Effort: NA

Direct cost total: $1883

Project Period: January 2020

Agency: USAID

ID# AID-0AA-F-17-00011

Title: Testing and Implementation of Low-cost Breathing Aid for Infants in Tigray, Ethiopia

P.I.: Anjelica Gonzalez, PhD

Co-P.I.: Lei Chen MD MHS

Percent Effort: 8%

Total costs for project period: $250,000

Project Period: September 2016 – August 2018

Agency: USAID

ID# M147061

Title: Building Human Resources for Health: Yale University and the Ministry of Health of Rwanda

P.I. Elizabeth Bradley PhD

Percent Effort: 10%

Project Period: July 2013 – August 2016

Agency: Yale Pediatric Faculty Scholar Program

Title: Diagnosis of skull fractures using bedside ultrasound

P.I. Lei Chen MD

Percent Effort: NA

Total costs for project period: $8,500

Project Period: September 2009 – August 2010

Agency: NCATS/Yale Center for Clinical Investigation

ID# KL2TR001862

Title: Use of bedside ultrasound in assessing children with dehydration from gastroenteritis

P.I. Lei Chen MD

Percent effort: 75%

Total costs for project period: $305,700

Project Period: October 2007 – September 2009

Agency: Ambulatory Pediatric Association

Title: Training of pre-hospital personnel in the use of laryngeal mask airways in simulated pediatric arrest scenarios

P.I. Lei Chen M.D.

Percent Effort: 2%

Total costs for project period: $8,000

Project Period: July 2006 – July 2007

**Invited Speaking Engagements, Presentations, Symposia & Workshops Not Affiliated With Yale:**

**International/National**

2021 Invited Speaker, “Arterial Blood Gas”. Pediatric Critical Care and Emergency Nurses, Centre Hospitalier Universitaire de Kigali, Kigali, Rwanda

2021 Invited Speaker, “Acute Abdomen”. Pediatric Resident Core Curriculum, Centre Hospitalier Universitaire de Kigali, Kigali, Rwanda

2021 Invited Speaker, “Pediatric Arrhythmias”. Pediatric Resident Core Curriculum, Centre Hospitalier Universitaire de Kigali, Kigali, Rwanda

2020 Invited Speaker, “FEAST or famine, FOCUS on children in shock in Kigali, Rwanda”. Pediatric Global POCUS Webinar, USA

2020 Invited Speaker, “FEAST or famine, FOCUS on children in shock in Kigali, Rwanda”. Around the World Point of Care Ultrasound Rounds, The Hospital for Sick Children, Toronto, Canada

2020 Invited Speaker, “Pediatric Emergency Medicine and Point-of-care Ultrasound in North America.” The 5th Asia Pacific International Emergency online Conference, Hainan, China

2019 Invited Speaker, “Global Health Lessons Learned in Rwanda.” The 18th Chia Family Health Fellowship Conference, Changsha, China

2019 Invited Speaker, “A Tale of Two Cities, Global Health Lessons from Changsha and Kigali.” Department of Pediatrics, Kenyatta National Hospital, Nairobi, Kenya

2019 Invited Speaker, “Airway emergencies in children”, Centre Hospitalier Universitaire de Kigali, Kigali, Rwanda

2019 Invited Speaker, “Orthopedic injuries in Children”, Centre Hospitalier Universitaire de Kigali, Kigali, Rwanda

2019 Invited Speaker, “Airway Management”, Paediatric BASIC course, Centre Hospitalier Universitaire de Kigali, Kigali, Rwanda

2019 Invited Speaker, “Paediatric Trauma”, Paediatric BASIC course, Centre Hospitalier Universitaire de Kigali, Kigali, Rwanda

2019 Invited Speaker, “Ultrasound principles”, Centre Hospitalier Universitaire de Kigali, Kigali, Rwanda

2019 Invited Speaker, “Ultrasound-guided IV Access”, Centre Hospitalier Universitaire de Kigali, Kigali, Rwanda

2019 Invited Speaker, “Basic echocardiography for Pediatric Emergency Medicine”, Centre Hospitalier Universitaire de Kigali, Kigali, Rwanda

2019 Invited Speaker, “An Introduction to Pediatric Emergency Medicine and Pediatric Emergency Ultrasound”, Shanghai United Family Hospital, Shanghai, China

2019 Panelist “Patient Safety Practices in the United States Health Systems”, Central South University, Changsha, China

2019 Invited Speaker, “Introduction to Africa and African Health Systems, with Emphasis on Rwanda”, Central South University, Changsha, China

2018 Invited Speaker, “An Introduction to Pediatric Emergency Medicine and Pediatric Emergency Ultrasound”, Siriraj Hospital, Department of Pediatrics, Mahidol University, Bangkok, Thailand.

2018 Invited Speaker, “Abdomen I & II”, World Interactive Network Focused on Critical Care Ultrasound (WINFOCUS) Slovenia Pediatric Point-of-Care Ultrasound Course, Portoroz, Slovenia

2018 Invited Speaker, “Pediatric Musculoskeletal and Soft-tissue Applications”, World Interactive Network Focused on Critical Care Ultrasound (WINFOCUS) Slovenia Pediatric Point-of-Care Ultrasound Course, Portoroz, Slovenia

2018 Invited Speaker, Hands-on Instructor, World Interactive Network Focused on Critical Care Ultrasound (WINFOCUS) Slovenia Pediatric Point-of-Care Ultrasound Course, Portoroz, Slovenia

2018 Invited Speaker, “Point-of-care Lung Ultrasound in Pediatrics”, 7th Slovenian Pediatric Congress, Portoroz, Slovenia

2017 Invited Speaker, “Fellowship Training in North America”, Central South University School of Medicine, Changsha, China

2017 Invited Speaker, “Teaching Pediatrics in East Africa, Lessons Learned in Rwanda”, The 16th Chia Family Health Fellowship Conference, Changsha, China

2017 Invited Speaker, “Challenges in Rural Child Health”, Panelist. The 16th Chia Family Health Fellowship Conference, Changsha, China

2017 Moderator, Scientific Abstracts, Section of Emergency Medicine, American Academy of Pediatrics Annual NCE, Chicago, IL

2017 Hands-on Instructor, Bedside Ultrasound Course, American Academy of Pediatrics Annual NCE, Chicago, Il.

2017 Hands-on Instructor, Pediatric Emergency Medicine and Critical Care Medicine: Bedside Ultrasound Course, Children’s Hospital of Philadelphia, Philadelphia, PA.

2017 Invited Speaker, “Point of care ultrasound in the developing world.” P2 (PEM POCUS) Network

Conference, San Francisco, CA

2016 Invited Speaker, “Ventilator strategies.” Centre Hospitalier Universitaire de Kigali, Kigali, Rwanda

2016 Invited Speaker, “Introduction to bedside echocardiography.” Centre Hospitalier Universitaire de Kigali, Kigali, Rwanda

2016 Invited Speaker, “CPAP vs HFNC”. Ayder Hospital, Mekelle University, Mekelle, Ethiopia

2016 Hands-on Instructor, in Point-of-Care PEM Ultrasound Workshop: Improving the Care of Children. American Academy of Pediatrics Annual NCE, San Francisco, CA

2016 Hands-on Instructor, Pediatric Emergency Medicine and Critical Care Medicine: Bedside Ultrasound Course, Children’s Hospital of Philadelphia, Philadelphia, PA.

2015 Hands-on Instructor, in Point-of-Care PEM Ultrasound Workshop: Improving the Care of Children. American Academy of Pediatrics Annual NCE, Washington D.C. 2015

2015 Hands-on Instructor, in Pediatric Emergency Medicine and Critical Care Medicine: Bedside Ultrasound Course, Children’s Hospital of Philadelphia, Philadelphia, PA.

2014 Panelist, “Cases in the Pediatric Emergency Department, can Ultrasound Help?” American Institute of Ultrasound in Medicine, Las Vegas, NV

2014 Invited Speaker “Introduction to Emergency Ultrasound.” in Pediatric Emergency and Critical Care Ultrasound, Annual Advanced PEM Assembly, New York, NY

2014 Invited Speaker, “eFAST.” in Pediatric Emergency and Critical Care Ultrasound, Annual Advanced PEM Assembly, New York, NY

2014 Invited Speaker, “Abdominal Ultrasonography in Pediatric Emergency Medicine.” in Pediatric Emergency Medicine and Critical Care Medicine: Bedside Ultrasound Course, Children’s Hospital of Philadelphia, Philadelphia, PA.

2014 Invited Speaker, “Clinical and Critical Thinking in Residencies in the United States”. First Annual Hunan Faculty Development Conference, Changsha, China

2014 Invited Speaker, “Introduction to Manuscript Writing in Clinical Research”. Workshop, Xiangya 2nd Hospital, Central South University School of Medicine, Changsha, China

2013 Invited Speaker, “Global Health Ultrasound Cases and Perspectives”. Workshop, WINFOCUS 9th annual World Congress on Ultrasound in Emergency and Critical Care Medicine, Hong Kong, China

2013 Invited Speaker, “Introduction to Clinical Research Methodologies”. Workshop, Xiangya 2nd Hospital, Central South University School of Medicine, Changsha, China

2013 Invited Speaker, “Pediatric Emergency Medicine Fellowship Training in North America.” Xiangya International Symposium on Residency Training, Central South University, Changsha, China

2013 Invited Speaker, “Abdominal Ultrasonography in Pediatric Emergency Medicine.” in Pediatric Emergency Medicine and Critical Care Medicine: Bedside Ultrasound Course, Children’s Hospital of Philadelphia, Philadelphia, PA.

2012 Keynote Speaker, Annual Advances in Pediatric Emergency Medicine Conference, “Emergency Ultrasound in Pediatrics”. Washington University School of Medicine, St. Louis, MO.

2012 Invited Speaker, Annual Advances in Pediatric Emergency Medicine Conference, “It may be the heart: presentation of congenital heart diseases in the emergency department”. Washington University School of Medicine, St. Louis, MO.

2013 Invited Speaker, “Introduction to toxicology.” Centre Hospitalier Universitaire de Kigali, Kigali, Rwanda

2013 Invited Speaker, “Sedation and analgesia in the emergency department.” Centre Hospitalier Universitaire de Kigali, Kigali, Rwanda

2013 Invited Speaker, “Cost-effectiveness analysis in medicine.” Centre Hospitalier Universitaire de Kigali, Kigali, Rwanda

2013 Invited Speaker, “Ventilator strategies.” Centre Hospitalier Universitaire de Kigali, Kigali, Rwanda

2012 Invited Speaker, “Airway emergencies in children”. Centre Hospitalier Universitaire de Kigali, Kigali, Rwanda

2012 Invited Speaker, “Diabetic ketoacidosis”. Centre Hospitalier Universitaire de Kigali, Kigali, Rwanda

2012 Invited Speaker, “Mechanical ventilation”. Centre Hospitalier Universitaire de Kigali, Kigali, Rwanda

2012 Invited Speaker, “Introduction to clinical research”. Centre Hospitalier Universitaire de Kigali, Kigali, Rwanda

2012 Invited Speaker, “Introduction to research design”. Centre Hospitalier Universitaire de Kigali, Kigali, Rwanda

2012 Invited Speaker, “Mechanical ventilation”. Centre Hospitalier Universitaire de Butare, National University of Rwanda, Butare, Rwanda

2012 Invited Speaker, “Introduction to clinical research”. Centre Hospitalier Universitaire de Butare, National University of Rwanda, Butare, Rwanda

2012 Invited Speaker, “Advances in Pediatric Emergency Medicine”. Xiangya 2nd Hospital, China Central South University School of Medicine, Changsha, China

2010 Invited Speaker, Invited workshop co-director “Point-of-care ultrasound for the pediatrician”, Pediatric Academic Society Annual Meeting, Vancouver, Canada

2010 Workshop leader, “All about bedside ultrasound”. American Academy of Pediatric Annual NCE, San Francisco, CA

2009 Invited Speaker, Workshop leader, “Pediatric Advanced Life Support in the developing world”, Black Lion Hospital, Addis Ababa University, Addis Ababa, Ethiopia.

2009 Invited Speaker, Curriculum development: “Pediatric Emergency Medicine in the developing world”, Black Lion Hospital, Addis Ababa University, Addis Ababa, Ethiopia.

2009 Invited Speaker, Speaker “Musculoskeletal trauma in paediatrics” WINFOCUS 5th annual World Congress on Ultrasound in Emergency and Critical Care Medicine, Sydney, Australia

2009 Invited Speaker, Workshop director “Paediatric ultrasound” WINFOCUS 5th annual World Congress on Ultrasound in Emergency and Critical Care Medicine, Sydney, Australia

2009 Moderator, Scientific Abstracts, Section of Emergency Medicine, AAP NCE, Washington, D.C.

2009 Invited workshop co-director “Point-of-care ultrasound for the pediatrician”, Pediatric Academic Society Annual Meeting, Baltimore, MD

2009 Invited Grand Round Speaker “Starting an emergency ultrasound program in a children’s hospital”, Division of Pediatric Emergency Medicine, Children’s Memorial Hospital, Chicago, IL

2009 Invited workshop director “Novel applications of emergency ultrasound in pediatrics”, Annual Pediatric Emergency Medicine Fellows Conference, St. Louis, MO

2009 Moderator, Fellow research presentations, Annual Pediatric Emergency Medicine Fellows Conference, St. Louis, MO

2009 Invited Grand Round Speaker “Novel applications of emergency ultrasound in pediatrics”, Division of Pediatric Emergency Medicine, University of Texas at Southwestern Children’s Medical Center, Dallas, TX

2008 Invited Workshop Director, “Ultrasound applications in pediatric emergency medicine”, A.I. duPont Children’s Hospital, Wilmington, DE

2007 Moderator, Emergency Medicine I abstract session, PAS/SPR, Toronto, Canada

**Regional**

2021 Guest Lecture, “Meet the Professor.” Global Health Track Speaker Series, Cohen Children’s Medical Center, Queens, NY

2019 Guest Lecture, “Great Cases.” Pediatric Point-of-Care Ultrasound Workshop, Alpert Medical School of Brown University, Providence, RI

2018 Hands-on Instructor, 12th Annual New England Point of Care US Course, Newport, RI

2018 Guest Lecture, “Pediatric Point of Care Ultrasound in Resource-limited Settings”. Columbia/Presbyterian Medical Center, New York, NY

2017 Guest Lecture, “Pediatric Point of Care Ultrasound in Resource-limited Settings”. Children’s Hospital at Montefiore, New York, NY

2017 Panelist, “Early Career Advice”. Regional Pediatric Emergency Medicine Fellows Conference, Boston, MA

2016 Hands-on Instructor, Pediatric Emergency Medicine and Critical Care Ultrasound Workshop, Hasbro Children’s Hospital, Providence, RI.

2016 “Crafting a winning, or at least acceptable, manuscript”. Academic Pediatric Association Regional Meeting, Boston, MA

2016 “Meet the Professor Lunch”. Academic Pediatric Association Regional Meeting, Boston, MA

2015 Hands-on Instructor, Pediatric Emergency Medicine and Critical Care Ultrasound Workshop, Hasbro Children’s Hospital, Providence, RI.

2010 Workshop leader, “Ultrasound guided procedures” Stamford Hospital internal medicine and surgery residencies, Stamford, CT

2008 Invited Speaker, “Noninvasive assessment of intravascular volume in children”. 5th annual Emergency Ultrasound Symposium, St. Luke’s Hospital, New York, NY

2007 Workshop Director, “Novel applications of ultrasound in pediatric emergency medicine”, St. Luke/Roosevelt Hospital, New York, NY

2007 Workshop Director, Bedside ultrasound applications in critical care medicine, Pulmonary Associates, Stamford Hospital, Stamford, CT

2007 Workshop Director, Novel applications of ultrasound in pediatric emergency medicine, Bristol Hospital, Bristol, CT

2007 Invited Speaker, “Simulation in pediatric medical education,” Workshop, APA Regional Meeting, Sturbridge, MA

2006 Invited Speaker, “Novel applications of emergency ultrasound in pediatrics”, Fellow Conference,

Hasbro Children’s Hospital, Brown University School of Medicine, Providence, RI

**Peer-Reviewed Presentations & Symposia Given at Meetings Not Affiliated With Yale**

**International/National**

2021 Riera A, **Chen L**, et al “Perforated Appendicitis Diagnosed by Timely Point-of-care Ultrasound Quality Assurance Review at a Children’s Hospital Tertiary Care Center.” AAP NCE Philadelphia, PA

2021 Leviter J, **Chen L**, et al “Point-of-Care Ultrasound (POCUS) Pulse Checks: Feasible in Pediatric Cardiac Arrest.” AAP NCE Philadelphia, PA

2021 Riera A, **Chen L**, et al “The Pediatric Point-of-Care Ultrasound, Game-Changing Phenomena: Early Recognition During Serious Illness.” SAEM Annual Meeting, Atlanta, GA

2020 Qadri U, Garcia A, Hossain R, Dembrowski N, Cicero M, Riera A, **Chen L**. “Sound and Air: Ultrasonographic Measurements of Pediatric Chest Wall Thickness and Implications for Needle Decompression of Tension Pneumothorax.” SAEM Annual Meeting, Denver, CO

2019 Riera A, Hayward H, Silva CT, **Chen L**. “Re-evaluation of FAST sensitivity in pediatric blunt abdominal trauma patients.” Platform Presentation, Society of Academic Emergency Medicine Meeting, Las Vegas, NV

2019 Hayward H, Riera A, Silva CT, **Chen L** “Re-evaluation of FAST sensitivity in pediatric blunt abdominal trauma patients: should we redefine the qualitative threshold for significant hemoperitoneum?” Poster Presentation, Pediatric Academic Society Meeting, Baltimore, MD

2017 Riera A, Weeks B, **Chen** **L**. “Evaluation of a focused cardiac ultrasound protocol in a pediatric emergency department.” Poster Presentation, Pediatric Academic Society Meeting, San Francisco, CA

2017 Whitney R, Riera A, **Chen** **L**. “Can real-time video streaming of ultrasound imaging from remote locations yield an accurate diagnosis?” Poster Presentation, Pediatric Academic Society Meeting, San Francisco, CA

2016 Whitney R, Riera A, **Chen** **L**. “Telesound: can real-time video streaming of ultrasound imaging from remote locations yield an accurate diagnosis?” Poster Presentation, World Congress of Mountain and Wilderness Medicine, Telluride, CO

2016 Kline M, **Chen** **L**. “Serious Bacterial Infections in Chinese Children: What Are the Pathogens?” Platform Presentation, ESPR, Philadelphia, PA

2015 **Chen L**, Ho K MD, Wang X PhD. “Economic burdens compel parents to withdraw care in a pediatric intensive care unit in China” Poster Presentation, AAP NCE, Washington DC

2014 Alfonzo M, Karambizi A, Tiyyagura G, Langhan M, **Chen L**. “Provider Barriers to Identification and Management of Pediatric Sepsis in Rwanda” Poster Presentation, PAS/SPR, Vancouver, Canada.

2014 Karambizi A, Nyirasafari R, Corden M, Wong R, and **Chen** L. “First Year Experience in a Pediatric Intensive Care Unit in Rwanda” Poster Presentation, PAS/SPR, Vancouver, Canada

2014 Thornton MD, Cicero M, McCabe M, **Chen** L. “Disparities in the Availability of AEDs Among Connecticut Public High Schools” Poster Presentation, PAS/SPR, Vancouver, Canada

2014 Alfonzo M, Karambizi A, Tiyyagura G, Langhan M, **Chen L**. “Provider Barriers to Identification and Management of Pediatric Sepsis in Rwanda” Poster Presentation, ESPR, Philadelphia, PA

2014 Thornton MD, Cicero M, McCabe M, **Chen** L. “Disparities in the Availability of AEDs Among Connecticut Public High Schools” Poster Presentation, ESPR, Philadelphia PA

2010 Nicholson K, **Chen L**. “Pediatric resident knowledge of sport-related concussion return to play guidelines: A needs assessment,” Poster Presentation, PAS/SPR, Vancouver, Canada

2010 Nicholson K, **Chen L**. “The tipping point: hidden dangers of transition to digital televisions,” Poster Presentation, PAS/SPR, Vancouver, Canada

2010 **Chen L**, Hsiao A, Riera A, Goodman TR, “Diagnosis of intussusceptions by novice sonographers in the emergency department,” Platform Presentation, American Institute o Ultrasound in Medicine annual meeting, San Diego, CA

2010 Langhan ML, Ching K, Alletag M, Kadia P, **Chen L**. “Capnography Improves Recognition of Endotracheal Tube Dislodgement by Prehospital Providers,” Poster Presentation, PAS/SPR, Vancouver, Canada

2010 Nicholson K, **Chen L**. “Pediatric resident knowledge of sport-related concussion return to play guidelines: A needs assessment,” Platform Presentation, Eastern Society for Pediatric Research, Philadelphia, PA

2010 Riera A, **Chen L**. “Ultrasound evaluation of skull fractures in children,” Poster Presentation, PAS/SPR, Vancouver, Canada

2010 Riera A, **Chen L**. “Ultrasound evaluation of skull fractures in children,”Platform Presentation, Eastern Society for Pediatric Research, Philadelphia, PA

2009 **Chen L**, et al. Validity and reliability of assessment of dehydration in children with gastroenteritis using bedside ultrasound. Platform Presentation, PAS/SPR, Baltimore, MD

2009 Hsiao AL, **Chen L**, Santucci KA, TeleWound: Evaluation of Pediatric Lacerations Using a Mobile Phone. Platform Presentation, PAS/SPR, Baltimore, MD

2009 Roy A, **Chen L**, Santucci KA, What Do Pediatric Residents Know about Medical Malpractice? Poster Presentation, PAS/SPR, Baltimore, MD

2009 Riera A, **Chen L**, Ultrasound Evaluation of the Saphenous Vein in Children. Platform Presentation, ESPR, Philadelphia, PA

2008 Roy A, **Chen** **L**, Santucci, KA, Pediatric resident knowledge and attitudes toward medico-legal issues. Poster Presentation, PAS/SPR, Honolulu, HI

2008 Roy A, **Chen** **L**, Santucci, KA, Pediatric resident knowledge and attitudes toward medico-legal issues. Platform Presentation, ESPR, Philadelphia, PA

2007 **Chen L**, Langhan M, Fifteen year old girl with generalized edema as presentation of molar pregnancy, PEMPix Poster Presentation, *AAP NCE*, San Francisco, CA

2007 **Chen L**, Bruccoleri R, Optimal needle entry angle for lumbar punctures as evaluated by ultrasound, Poster Presentation, *PAS/SPR*, Toronto, Canada

2007 Langhan M, **Chen L**, End-tidal carbon dioxide: the wave of the future, Platform presentation, ESPR, Philadelphia, PA

2006 **Chen L**, Santucci KA, Probing the availability of emergency ultrasound in pediatrics, Poster presentation, *AAP NCE*, Atlanta, GA

2006 **Chen L**, Hsiao A, Use of laryngeal mask airways versus endotracheal tubes by prehospital providers in simulated pediatric arrests, Platform presentation, *PAS/SPR*, San Francisco, CA

2006 **Chen L**, Kim Y, Santucci K, Ultrasound measurement of the inferior vena cava diameter in the assessment of children with dehydration, Poster presentation, *PAS/SPR*, San Francisco, CA

2006 Walsh S, **Chen L**, Success rate of endotracheal intubation in an urban pediatric emergency department, Poster presentation, *PAS/SPR*, San Francisco, CA

2006 **Chen L**, Hsiao A, Use of laryngeal mask airways versus endotracheal tubes byprehospital providers in simulated pediatric arrests, Platform presentation, *APA Region I meeting*, Putney, VT

2005 Abo A, **Chen L,** Santucci, KS. Optimal position for lumbar punctures in children as evaluated by ultrasonography. Platform presentation, *AAP National Conference and Exhibition*, Washington D.C.

# 2005 Santucci KA, Chen L, Siegel, NJ. The development and implementation of a faculty effectiveness profile (FEP). *Faculty Affairs Professional Development Conference, AAMC,* Ottawa, Canada

2005 **Chen L**, Moore CL. Bedside ultrasound in the diagnosis and guided reduction of forearm fractures in Children. Platform presentation, *PAS/SPR*, Washington D.C., May 2005

2004 **Chen L**, Hsiao AL, Moore CL, Santucci KA. Utility of bedside bladder ultrasound prior to urethral catheterization in infants. Platform presentation, *PAS/SPR*, San Francisco, CA

2004 **Chen L**, Hsiao AL, Moore CL, Santucci KA. Utility of bedside bladder ultrasound prior to urethral catheterization in infants. Poster presentation, *SAEM*, Orlando, FL

2004 Hsiao AL, **Chen L**, Baker MD. Serious bacterial infections in the older infant, incidence and predictors. Platform presentation, *PAS/SPR*, San Francisco, CA

2004 **Chen L**. Racial and ethnic differences in rates of urinary tract infections in febrile infants in the pediatric emergency department. Poster session, *PAS/SPR*, San Francisco, CA

2004 **Chen L**. Urine leukocyte esterase as a predictor of urinary tract infections in febrile infants in the pediatric emergency department. Poster session, *PAS/SPR*, San Francisco, CA

**Regional**

2020 Qadri U, Garcia A, Hossain R, Dembrowski N, Cicero M, Riera A, Chen L. “Sound and Air: Ultrasonographic Measurements of Pediatric Chest Wall Thickness and Implications for Needle Decompression of Tension Pneumothorax.” SAEM New England Regional Meeting, Worcester, MA, March 2020

2012 Smith A, **Chen** L. “High risk of subsequent pregnancy in teens tested for STDs in the emergency department,” Poster Presentation, PAS/SPR, Boston, MA

2011 Langhan M, Smith A, **Chen L**. “Capnography improves recognition of endotracheal tube dislodgement by pediatric residents,” Platform Presentation, AAP NCE, Boston, MA

2011 **Chen L**, Hsiao A, Santucci K. “Cost-Effectiveness of Point-of-Care Testing In Children with Acute Gastroenteritis Seen In the Pediatric Emergency Department, “Poster presentation, AAP NCE, Boston, MA

2011 Siew L, Hsiao A, McCarthy, P, **Chen L**. “Reliability of telemedicine in the assessment of seriously ill children,” Platform Presentation, AAP NCE, Boston, MA

2011 Jain N, Sutijono D, **Chen** **L**, Moore C. “Change in echocardiographic parameters following fluid challenge in dehydrated pediatric patients,” Poster Presentation, SAEM Regional Meeting, Hartford, CT

2006 **Chen L**, Kim Y, Santucci K, Ultrasound measurement of the inferior vena cava diameter in the assessment of children with dehydration, Platform presentation, *ESPR*, Greenwich, CT

2005 **Chen L**, Moore CL. Bedside ultrasound in the diagnosis and guided reduction of forearm fractures in Children. Platform presentation, *ESPR*, Greenwich, CT

**Peer Review Groups/Grant Study Sections:**

2017, 2011 Abstract Reviewer, *American Academy of Pediatrics Annual NCE*

2016 Workshop Reviewer, *Pediatric Academic Society Annual Meeting*

2014- 12, 2007 Abstract Reviewer, *Pediatric Academic Society Annual Meeting*

**Journal Service**

Editorial Board

2011 – 2014 Member, Pediatric Emergency Medicine Collaborative Research Council Scientific Steering Committee, *AAP*

2011 Guest Editor, *Clinical Pediatric Emergency Medicine*, Applications of bedside ultrasound in pediatric emergency medicine

2010 – 2018 Editorial Board, *Pediatric Emergency Care*

2007 – 2011 Editorial Board Member: PREP: EMed, *AAP*

Ad Hoc Reviewer

2021 – present *Journal of Racial and Ethnic Health Disparities*

2021 – present *Journal of American College of Emergency Medicine Open*

2021 – present *JAMA Network Open*

2020 – present *Tropical Medicine and International Health*

2020 – present *Journal of Pediatric Intensive Care*

2018 – present *Rwanda Medical Journal*

2017 - present *The South African Journal of Child Health*

2016 – present *Veterinary Radiology and Ultrasound*

2015 - present *PLoS ONE*

2012 - present *Scandinavian Journal of Trauma, Resuscitation and Emergency Medicine*

2007 – present *Annals of Emergency Medicine*

2007 – present *Journal of Pediatrics*

2006 – present *Academic Emergency Medicine*

2005 – present *Pediatrics*

2005 – present *Pediatric Emergency Care*

**Professional Services for Professional Organizations:**

***American Academy of Pediatrics***

2013 – 2016 Member, Ultrasound Workshop Planning Committee

2012 - 2014 Member, Pediatric Emergency Medicine Collaborative Research Committee

2009 - 2014 Member, American Institute of Ultrasound in Medicine Liaison to American Academy of Pediatrics

2005 – present Ultrasound workgroup leader, Committee for the Future, Section of Emergency Medicine

2003 – present Member, Section of Emergency Medicine, American Academy of Pediatrics

2001 – present Fellow, American Academy of Pediatrics

***American College of Emergency Physicians***

2008 – present Pediatric Ultrasound Subcommittee Member, Ultrasound Section

***Ambulatory Pediatrics Association***

2005 – present Member, Ambulatory Pediatrics Association

**Yale University Service**

**University Committees**

2016 – present Research Mentor, Chia Family Health Fellowship: A program to promote cooperation between Chinese researchers and Yale University

2012 – present Member, Yale-China Association Health Committee, an organization dedicated to better understanding of the two countries through education and collaboration.

**Medical School Committees**

2016 - present Mentor, Asian Pacific American Medical Student Association, Yale University School of Medicine

2015 – 2016 Credentialing Committee, Yale University School of Medicine

2006 – 2008 Founding member, Medical Simulation Subcommittee Educational Policy and Curriculum Committee

2006 – 2012 Graduate Medical Education Committee

2004 – 2006 Human Investigation Committee (Institutional Review Board), Yale University School of Medicine

2004 – 2006 Pediatric Protocol Review Committee, Yale University School of Medicine

2004 – 2006 Founding member, Yale Society of Clinical Preceptors, Yale University School of Medicine

**Departmental Committees**

2017 – present Faculty Development Committee, Department of Pediatrics, Yale University School of Medicine

2015 – 2020 Faculty Compensation / Finance Committee, Department of Pediatrics

2014 - present Pediatric Thesis Committee, Department of Pediatrics

2014 – present Pediatric Research Forum Abstract Review Committee, Department of Pediatrics,

Yale University School of Medicine

2003 – present Fellowship Selection Committee, Section of Pediatric Emergency Medicine,

Department of Pediatrics

**Public Service:**

2012 – present Subspecialist pediatrician, Rwanda Human Resource for Health, Pediatric Critical Care Working Group and Accident and Emergency Working Group

2017 – present Faculty, Kenya Paediatric Critical Care Curriculum

**Bibliography**

**Peer-Reviewed Original Research**

1. Fung-Leung WP, Louie MC, Limmer A, Ohashi PS, Ngo K, **Chen L**, et al. The lack of CD8 alpha cytoplasmic domain resulted in a dramatic decrease in efficiency in thymic maturation but only a moderate reduction in cytotoxic function of CD8+ T lymphocytes*. European Journal of Immunology* 1993; 23(11), 2834 – 2840
2. Hsiao AL, **Chen L**, Baker MD. Serious bacterial infections in older infants; incidence and predictors. *Pediatric Research* 2004;55:121
3. **Chen L**, Hsiao AL, Moore CL, Dziura JD, Santucci KA. Utility of bedside bladder ultrasound prior to urethral catheterization in young children. *Pediatrics* 2005;115(1):108-11. PMID:15629989
4. Abo A, **Chen L,** Santucci, KA. Optimal position for lumbar punctures in children as evaluated by ultrasonography. *Pediatric Emergency Care*. 2005;1(8):554.
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