

Howard Chung-Hao Jen, MD MSHS

Curriculum Vitae

PERSONAL HISTORY: 10833 Le Conte Avenue
Los Angeles, CA 90095
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Email: hjen@mednet.ucla.edu

EDUCATION:

BA	Johns Hopkins University	2000
MD	University of Maryland School of Medicine	2005
MSHS	University of California Los Angeles	2008
	Master of Science in Health Services	
Internships	University of California Los Angeles	2005
	General Surgery	
Residency	University of California Los Angeles	2006-2012
	General Surgery	
Research	University of California Los Angeles	2007-2009
	Pediatric Surgery Outcomes Research Fellowship	
Residency	Baylor College of Medicine, Texas Children's Hospital	
	Pediatric Surgery	2012-2014

LICENSURE: California, A100000, 2007
Texas, P2876, 2012
Massachusetts, 260206, 2014

BOARD CERTIFICATION: Surgery, American Board of Surgery #058911, 2014
Pediatric Surgery, American Board of Surgery #001374, 2016

PROFESSIONAL EXPERIENCE:

Present position: Assistant Professor of Surgery III
Division of Pediatric Surgery
David Geffen School of Medicine at UCLA
01/2017 - current

Past position: Assistant Professor of Surgery, Medicine, and Pediatrics
Division of Pediatric Surgery
Predictive Analytics and Comparative Effectiveness (PACE) Center
Tufts Medical Center
Tufts University School of Medicine

08/2014 - 12/2016

PROFESSIONAL ACTIVITIES:

Committee Service:

- Reviewer, Pediatrics
2017-
- Program Committee, Pacific Association of Pediatric Surgeons
2017-
- Responsible Investigator in Surgery at Floating Hospital for Children,
Children's Oncology Group
2014-2016
- Delivery of Surgical Care Committee, Section of Surgery, American
Academy of Pediatrics
2013-2016
- Clinical Competency Committee at Department of Surgery, Tufts
Medical Center
2015-2016
- Surgical Education Committee at Department of Surgery, Baylor
College of Medicine
2013-2014
- Surgical and Other Invasive Procedures Committee at UCLA Medical
Center
2009
- General Surgery Education Committee at UCLA Medical Center
2009
- Graduate Medical Education Committee at UCLA Medical Center
2007-2010

Professional Societies Membership:

American College of Surgeons – Associate fellow
American Academy of Pediatrics – Candidate member
American Pediatric Surgical Association
Association of Academic Surgery
Children's Oncology Group
Longmire Surgical Society
Michael E. DeBakey International Surgical Society
Pacific Association of Pediatric Surgeons
Society of Asian Academic Surgeons
Surgical Outcomes Club

HONORS AND SPECIAL AWARDS:

- Tufts Clinical and Translational Science Graduate Program Symposium
Poster Competition Award

- 2016
- Junior Faculty Research Career Development Forum at Tufts Clinical and Translational Science Institute
2015-2016
- Tufts Medical Center Research Travel Award
2015
- Tufts Clinical and Translational Science Institute Pilot Studies Grant Award
2015
- Outstanding Student Teaching Award, David Geffen School of Medicine at UCLA
2009
- Outstanding Student Teaching Award, David Geffen School of Medicine at UCLA
2008
- Alpha Omega Alpha Honor Society
2004
- Fogarty Minority International Research Training Grant
2003
- Phi Beta Kappa Honor Society
2000
- Golden Key Honor Society
1999

RESEARCH GRANTS AND FELLOWSHIPS RECEIVED:

1. Source: Tufts Clinical and Translational Science Institute (UL1TR001064)
Title: Enhancing patient centered decision-making prenatally through creation of a prediction model of congenital diaphragmatic hernia outcomes
Amount: \$28,000
Dates: 5/1/2015-4/30/2016
Role: Principle Investigator

LECTURES AND PRESENTATIONS:

Invited Lectures:

1. Choosing a Career in Pediatric Surgery. Surgery Interest Group. Tufts University School of Medicine. Boston MA. February 11 2015
2. Patient centered management for prenatal anomalies: Congenital diaphragmatic hernia. Institute for Clinical Research and Health Policy Studies Grand Rounds at Tufts Medical Center. Boston MA. March 19 2015

3. Appendicitis: Simple, complicated and myths. Floating Hospital for Children Updates in Pediatrics. Lawrence MA. April 8 2015
4. Pediatric Appendicitis. Department of Surgery Grand Rounds at MetroWest Medical Center. Framingham MA. May 6 2015
5. Things I wish I knew. Pediatric Surgery Training Fellow Conference at American Academy of Pediatrics, Section on Surgery. Washington DC. October 23 2015
6. Career in Academic Surgery. Surgery Interest Group at Tufts University School of Medicine. Boston MA. November 5 2015
7. Congenital Diaphragmatic Hernia. Maternal Fetal Medicine at Tufts Medical Center, Tufts University School of Medicine. Boston MA. January 4 2016
8. Pediatric Hernia. Department of Surgery at Tufts Medical Center, Tufts University School of Medicine. Boston MA. April 21 2016
9. Clinical Predictive Model in Pediatrics. Department of Pediatric Grand Rounds at Tufts Medical Center, Tufts University School of Medicine. Boston MA. May 4 2016
10. Congenital Bronchopulmonary Malformations. Maternal Fetal Medicine at Tufts Medical Center, Tufts University School of Medicine. Boston MA. November 21 2016
11. Common problems in Pediatric Surgery. MSIII Surgery Required Core Clerkship Lecture #SU019. David Geffen School of Medicine at UCLA. Los Angeles CA. January 18 2017
12. Common problems in Pediatric Surgery. MSIII Surgery Required Core Clerkship Lecture #SU019. David Geffen School of Medicine at UCLA. Los Angeles CA. April 12 2017

Presentations by Mentees at National and International Meetings:

1. Benedict A, Chenoweth M, **Jen HC**. The use and quality of cost-utility analysis in surgical research from 1990-2013. 11th annual Academic Surgical Congress. Jacksonville FL. February 2-4 2016.
2. Bent DP, Benedict A, Nelson J, **Jen HC**. Population-based validation of a clinical prediction model for congenital diaphragmatic hernias. 11th annual Academic Surgical Congress. Jacksonville FL. February 2-4 2016

Presentations at National and International Meetings:

1. **Jen HC**, Shew SB. Hospital differences in short-term outcomes for uncomplicated pediatric patients with gallbladder disease. 3rd annual Academic Surgical Congress. Huntington Beach CA. February 12-15 2008
2. **Jen HC**, Shew SB. Impact of hospital type and experience on the risk of operation for children with intussusception: A nationwide study. 39th annual Meeting of the American Pediatric Surgical Association. Phoenix AZ. May 29-31 2008
3. **Jen HC**, Shew SB. Recombinant activated factor VII reduces transfusion requirements in critically ill infants with active hemorrhage. 41st annual Meeting of the Pacific Association of Pediatric Surgeons. Jackson WY. June 29-July 3 2008

4. **Jen HC**, Shew SB. Long-term outcomes and hospital utilization after pediatric extracorporeal membrane oxygenation. 19th annual Extracorporeal Life Support Organization Conference. San Diego CA. September 22-24 2008
5. **Jen HC**, Shew SB. Long-term outcomes of pediatric funduplications in California. 60th annual Section on Surgery Scientific Program of the 2008 National Conference and Exhibition of the American Academy of Pediatrics. Boston MA. October 11-12 2008
6. **Jen HC**, Tillou A, Shew SB. Evaluation of long-term outcomes for pediatric splenic injury in California. 94th annual Clinical Congress of the American College of Surgeons, Surgical Forum. San Francisco CA. October 12-16 2008
7. **Jen HC**, Shew SB. Impact of laparoscopic appendectomy on long-term hospital utilization: Results from a statewide analysis. 4th annual Academic Surgical Congress. Fort Myers FL. February 3-6 2009
8. **Jen HC**, Tillou A, Shew SB. Long-term outcomes of pediatric splenic injury in California. 40th annual meeting of the American Pediatric Surgical Association. Fajardo Puerto Rico. May 28-30 2009
9. **Jen HC**, Shew SB, Maggard MA, Rickard DG, Slusser WM, DeUgarte DA. Healthcare utilization by adolescents undergoing bariatric surgery. 61st annual Section on Surgery Scientific Program of the 2009 National Conference and Exhibition of the American Academy of Pediatrics. Washington DC. October 17-18 2009
10. **Jen HC**, Kelley-Quon LI, Lee SL, Shew SB. Comparison between immediate appendectomy versus nonoperative management for pediatric perforated appendicitis with intraabdominal abscess. 6th annual Academic Surgical Congress. Huntington Beach CA. February 1-3 2011
11. **Jen HC**, Pimpalwar A. Laparoscopic transperitoneal division of patent processus vaginalis with purse string closure of proximal peritoneum for hydrocele in children – is laparoscopic high ligation enough? Poster Presentation at the 22nd annual Congress for Endosurgery in Children. Beijing China. June 17-22 2013
12. **Jen HC**, Pimpalwar A. Laparoscopic single port cecostomy button placement for chronic slow colonic transit constipation in children. Poster Presentation at the 22nd annual Congress for Endosurgery in Children. Beijing China. June 17-22 2013
13. **Jen H**, Calkins C, Dasgupta R, Shah S, Safford S, Bernstein I, Langham M, Chen L. Pediatric surgical specialists are unaware if out-of-pocket cost influenced preoperative decisions. 11th annual Academic Surgical Congress. Jacksonville FL. February 2-4 2016

Presentations by Mentees at Regional Conferences:

1. Bent DP, Benedict A, Nelson J, **Jen HC**. Population-based validation of a clinical prediction model for congenital diaphragmatic hernias. Poster presentation. 62nd Annual Meeting for the Massachusetts Chapter of American College of Surgeons. December 5 2015.

Presentations at Regional Conferences

1. **Jen HC**, Shew SB. Hospital differences in short-term outcomes for uncomplicated pediatric patients with gallbladder disease. 19th annual meeting of the American College of Surgeons – Southern California Chapter. Santa Barbara CA. January 18-20 2008
2. **Jen HC**, Shew SB. Pediatric gallbladder disease: Hospital differences in outcomes. Longmire Surgical Society Annual Scientific Meeting. Los Angeles CA. March 28 2008
3. **Jen HC**, Shew SB. Impact of laparoscopic appendectomy on long-term hospital utilization: Results from a statewide analysis. 20th annual meeting of the American College of Surgeons – Southern California Chapter. Santa Barbara CA. January 16-18 2009
4. **Jen HC**, Shew SB. Long-term outcomes and hospital utilization after pediatric extracorporeal membrane oxygenation. 20th annual meeting of the American College of Surgeons – Southern California Chapter. Santa Barbara CA. January 16-18 2009
5. **Jen HC**, Shew SB, Atkinson JB, Rosenthal JT, Hiatt JR. Creation of inpatient capacity for disaster management: Lessons learned from a major hospital relocation. 80th annual meeting of the Pacific Coast Surgical Association. San Francisco CA. February 13-16 2009
6. **Jen HC**, Shew SB, Atkinson JB, Rosenthal JT, Hiatt JR. Creation of inpatient capacity for disaster management: Lessons learned from a major hospital relocation. Longmire Surgical Society Annual Scientific Meeting. Los Angeles CA. March 27 2009
7. **Jen HC**, Shew SB, Maggard MA, Dutson EP, Mehran A, Rickard DG, Slusser WM, DeUgarte DA. Healthcare utilization by adolescents undergoing bariatric surgery. 21st annual meeting of the American College of Surgeons – Southern California Chapter. Santa Barbara CA. January 22-24 2010
8. **Jen HC**, Kelley-Quon LI, Lee SL, Shew SB. Comparison between immediate appendectomy versus nonoperative management for pediatric perforated appendicitis with intraabdominal abscess. 22nd annual meeting of the American College of Surgeons – Southern California Chapter. Santa Barbara CA. January 21-23 2011
9. **Jen HC**. Population-based validation of a clinical prediction model for congenital diaphragmatic hernias. Poster presentation at the 18th Annual Clinical and Translational Science Graduate Program Symposium of the Tufts Clinical and Translational Science Institute and Tufts University Sackler School of Graduate Biomedical Sciences. May 20 2016

Presentations by Collaborators:

1. Rickard D, Dudovitz R, Osborn R, Fernandez H, **Jen H**, Coates T. Assessment of insecticide treated bed net (ITN) use and barriers to use in rural Ghana. Academic Pediatric Association – Region IX and X Annual Meeting. Los Angeles CA. March 22 2008
2. Rickard D, Dudovitz R, Osborn R, Fernandez H, **Jen H**, Coates T. Insecticide treated bed net use and barriers to use in rural Ghana. Pediatric Academic Societies' Annual Meeting, Honolulu HI. May 3-6 2008

3. Dokey AT, **Jen HC**, Shew SB. Complications of pediatric cholecystectomy: Impact from hospital experience and use of cholangiography. 4th annual Academic Surgical Congress. Fort Meyers FL. February 3-6 2009
4. Rickard D, Dudovitz R, **Jen H**, Wong M, Coates T, Donkor C. Closing the gap between insecticide treated net (ITN) ownership and use for the prevention of malaria. Department of Medicine Research Day at the David Geffen School of Medicine at UCLA. Los Angeles CA. October 3 2009
5. Rickard D, Dudovitz R, **Jen H**, Wong M, Coates T, Donkor C. Closing the gap between insecticide treated net (ITN) ownership and use for the prevention of malaria. Pediatric Academic Societies' Annual Meeting. Vancouver Canada. May 1-4 2010
6. Kelley-Quon LI, **Jen HC**, Ziring DA, Shew SB, and the Pediatric IBD Consortium. Malnutrition and calcineurin inhibitor use predict proctocolectomy in children with ulcerative colitis. 22nd annual meeting of the American College of Surgeons – Southern California Chapter. Santa Barbara CA. January 21-23 2011
7. Kelley-Quon LI, Tseng C, **Jen HC**, Ziring DA, Shew SB. Surgical management of ulcerative colitis in children. 6th annual Academic Surgical Congress. Huntington Beach CA. February 1-3 2011
8. Kelley-Quon LI, **Jen HC**, Tseng C, Lee SL, Shew SB. Beyond race, insurance and income: Hospital setting as a marker for disparity in appendicitis. 44th annual Pacific Association of Pediatric Surgeons. Cancun Mexico. April 10-14 2011
9. Kelley-Quon LI, Tseng C, **Jen HC**, Shew SB. Hospital type predict complications for infants with hypertrophic pyloric stenosis. 23rd annual meeting of the American College of Surgeons – Southern California Chapter. Santa Barbara CA. January 20-22 2012
10. Kelley-Quon LI, Tseng C, Scott A, **Jen HC**, Calkins KL, Shew SB. Does hospital transfer predict mortality in very low birth weight infants requiring surgery for necrotizing enterocolitis? 7th annual Academic Surgical Congress. Las Vegas NV. Feb 14-16 2012
11. Gurien LA, Russell RT, Kim J, Speck KE, Calder BW, Rogers AP, Vogel AM, DeUgarte DA, Savoie KB, St. Peter SD, Parrish DW, Rothstein DH, Renaud EJ, **Jen HC**, Tang X, Dassinger MS. Real-time ultrasound for central venous catheter placement in children: A multi-institutional study. 11th annual Academic Surgical Congress. Jacksonville FL. Feb 2-4 2016
12. Gutierrez CA, Chiu PP, Dasgupta R, **Jen HC**, Rothstein DH. Predictors and outcomes of operations performed on young adults at free-standing children's hospitals. 11th annual Academic Surgical Congress. Jacksonville FL. Feb 2-4 2016

PUBLICATION/BIBLIOGRAPHY:

RESEARCH PAPERS

RESEARCH PAPERS (PEER REVIEWED)

A. RESEARCH PAPERS – PEER REVIEWED

1. **Jen HC**, Graber JJ, Hill JL, Alaish SM, Voigt RW, Strauch ED. (2006). Surgical necrotizing enterocolitis and intraventricular hemorrhage in premature infants below 1000g. *Journal of Pediatric Surgery*, 41(8), 1425-30.
2. **Jen H**, Shew S. (2008). Recombinant activated factor VII use in critically ill infants with active hemorrhage. *Journal of Pediatric Surgery*, 43(12), 2235-2238.
3. **Jen HC**, Shew SB. (2009). The impact of hospital type and experience on the risk of operation for pediatric intussusception: A nationwide study. *Journal of Pediatric Surgery*, 44(1), 241-246.
4. **Jen HC**, Shew SB. (2009). Hospital differences in short-term outcomes for uncomplicated pediatric patients with gallbladder disease. *Journal of Surgical Research*, 153(2), 195-200.
5. **Jen HC**, Shew SB, Atkinson JB, Rosenthal JT, Hiatt JR. (2009) Creation of inpatient capacity for disaster management: Lessons learned from a major hospital relocation. *Archives of Surgery*, 144(9), 859-864.
6. **Jen HC**, Tillou A, Cryer HG, Shew SB. (2010). Disparity in management and long-term outcomes of pediatric splenic injury in California. *Annals of Surgery*. 251(6), 1162-1166.
7. **Jen HC**, Shew SB. (2010). Laparoscopic versus open appendectomy in children: Outcome comparison based on a statewide analysis. *Journal of Surgical Research*. 161(1), 13-17.
8. **Jen HC**, Shew SB. (2010). Hospital readmissions and survival after nonneonatal pediatric extracorporeal membrane oxygenation: A population-based analysis. *Pediatrics*, 125(6), 1217-1223.
9. **Jen HC**, Rickard DG, Shew SB, Maggard MA, Slusser WM, Dutson EP, DeUgarte DA. (2010). Trends and outcomes of adolescent bariatric surgery in California, 2005-2007. *Pediatrics*, 126(4), e746-e753.
10. Rickard DG, Dudovitz RN, Wong MD, **Jen HC**, Osborn RD, Fernandez HE, Donkor CI. (2011). Closing the gap between insecticide treated net (ITN) ownership and use for the prevention of malaria. *Progress in Community Health Partnerships*. 5(2), 123-131.
 - a. Statistical analysis
11. Kelley-Quon LI, **Jen HC**, Ziring DA, Gupta N, Kirschner BS, Ferry GD, Cohen SA, Winter, HS, Heyman MB, Gold BD, Shew SB. (2012). Predictors of proctocolectomy in children with ulcerative colitis. *Journal of Pediatric Gastroenterology and Nutrition*. 55(5), 534-540.

- a. Study concept, study design, data collection, statistical analysis, manuscript revision
- 12. Kelley-Quon LI, Tseng CH, Scott A, **Jen HC**, Calkins KL, Shew SB. (2012). Does hospital transfer predict mortality in very low birth weight infants requiring surgery for necrotizing enterocolitis? *Surgery*. 152(3), 337-343.
- 13. Kelley-Quon LI, Tseng CH, **Jen HC**, Ziring D, Shew S. (2012). Postoperative complications and healthcare utilization in children undergoing surgery for ulcerative colitis. *Journal of Pediatric Surgery*. 47(11) 2063-2070.
- 14. Kelley-Quon LI, Tseng CH, **Jen HC**, Shew SB. (2012). Hospital type predict surgical complications for infants with hypertrophic pyloric stenosis. *American Surgeon*. 78(10), 1079-1082.
- 15. Kelley-Quon LI, Tseng CH, **Jen HC**, Lee SL, Shew SB. (2013). Hospital type as a metric for racial disparities in pediatric appendicitis. *Journal of American College of Surgeons*. 216(1), 74-82.
- 16. Kelley-Quon LI, Dokey A, **Jen HC**, Shew SB. (2014). Complications of pediatric cholecystectomy: impact from hospital experience and use of cholangiography. *Journal of American College of Surgeons*. 218(1), 73-81.
 - a. Study concept, study design, data collection, statistical analysis
- 17. Zhao JY, Chiu PL, Dasgupta R, **Jen HC**, Rothstein DH. (2016). Young Adult Patients with Surgically Corrected Congenital Anomalies: Defining the Need for Transitional Care from Pediatric to Adult Surgery. *JAMA Surgery*. 151(4), 393-4.
 - a. Study concept, study design, manuscript preparation and revision

B. RESEARCH PAPERS – PEER REVIEWED (IN PRESS)

None

C. RESEARCH PAPERS – PEER REVIEWED (SUBMITTED)

None

RESEARCH PAPERS (NON-PEER REVIEWED)

D. RESEARCH PAPERS – NON-PEER REVIEWED

None

E. RESEARCH PAPERS – NON-PEER REVIEWED (IN PRESS)

None

F. RESEARCH PAPERS – NON-PEER REVIEWED (SUBMITTED)

None

CHAPTERS

None

LETTERS TO THE EDITOR

None

REVIEWS

1. Bondada S, **Jen HC**, DeUgarte DA. (2011). Outcomes of Bariatric Surgery in Adolescents. *Current Opinion in Pediatrics*. 23(5), 552-556.

EDITORIALS

None

PAPERS IN PREPARATION (RESEARCH COMPLETED)

1. Benedict A, Chenoweth M, **Jen HC**. The use and quality of cost-utility analysis in surgical research from 1990-2013.
2. Bent DP, Benedict A, Nelson J, **Jen HC**. Population-based validation of a clinical prediction model for congenital diaphragmatic hernias.
3. **Jen HC**, Raval MV, Calkins C, Dasgupta R, Shah S, Safford S, Bernstein I, Langham M, Chen L. Pediatric surgical specialists' experience with insurance deductibles.
4. Chang J, Lundquist C, Lutz JS, Wessler BS, Kent DM, **Jen HC**. Limitations of current prenatal clinical prediction models for congenital abnormalities.

ABSTRACTS

1. **Jen HC**, Shew SB. (2008). Hospital differences in short-term outcomes for uncomplicated pediatric patients with gallbladder disease. *Journal of Surgical Research*, 114(2), 407.
2. **Jen HC**, Tillou A, Shew SB. (2008). Evaluation of long-term outcomes for pediatric splenic injury in California. *Journal of the American College of Surgeons*, 207(3), S84-S85.
3. Dokey AT, **Jen HC**, Shew SB. (2009). Complications of pediatric cholecystectomy: Impact from hospital experience and use of cholangiography. *Journal of Surgical Research*, 151(2), 239.
4. **Jen HC**, Shew SB. (2009). Laparoscopic versus open appendectomy in children: Outcome comparison based on a statewide analysis. *Journal of Surgical Research*, 151(2) 290.
5. Kelley-Quon LI, **Jen HC**, Tseng C, Ziring DA, Shew SB. (2011). Surgical management of ulcerative colitis in children. *Journal of Surgical Research*, 165(2), 180.

6. **Jen HC**, Kelley-Quon LI, Lee SL, Shew SB. (2011). Comparison between immediate appendectomy versus nonoperative management for pediatric perforated appendicitis with abscess. *Journal of Surgical Research*, 165(2), 309.