

**JUSTIN WAGNER**

**CURRICULUM VITAE (outline)**

**PERSONAL HISTORY:**

**Business address**

10833 Le Conte Avenue  
Los Angeles, CA 90095

**Business telephone**

(310) 206-2429

**EDUCATION:**

B.A., Human Development, University of Chicago, 2001-2005

M.D., University of Southern California Keck School of Medicine, 2006-2010

Internship in Surgery, UCLA Department of Surgery, 2010-2011

Residency in Surgery, UCLA Department of Surgery, 2011-2012; 2014-2017

Postdoctoral Scholar, UCLA Departments of Surgery and Bioengineering, 2012-2014

Fellowship in Pediatric Surgery, University of Nebraska Medical Center, 2017-2019

**LICENSURE:**

California, Physician and Surgeon's License #A117746, 2011-2021

Nebraska, Temporary Educational Permit #7886, 2017-2020

**BOARD CERTIFICATION:**

Surgery, American Board of Surgery, Certificate #062887, 2017-2028

**PROFESSIONAL EXPERIENCE:**

**Present Position:**

Visiting Assistant Professor, David Geffen School of Medicine of UCLA

**Previous Position Held:**

Clinical Fellow in Pediatric Surgery, University of Nebraska Medical Center, Children's Hospital and Medical Center of Omaha, Boys Town National Research Hospital, Omaha, NE, 2017-2019

## **PROFESSIONAL ACTIVITIES:**

Associate Fellow, American College of Surgeons, 2019 –  
Administrative Chief Resident, UCLA Surgery Residency Program, 2016-2017  
US Coordinator for Education, Hernia Repair for the Underserved (501.c.3), 2013 –  
Candidate Member, American Pediatric Surgical Association, 2012 –  
Lead Developer, UCLA Resident Education System (RES) Initiative, 2012-2017  
Member, UCLA Housestaff Quality Improvement Council, 2012-2014  
Representative, UCLA Graduate Medical Education Committee, 2012-2014  
Member, Association for Academic Surgery, 2010 –

## **HONORS AND SPECIAL AWARDS:**

Linnea Hauge, PhD Promising Educational Scholar Award, Association for Surgical Education, 2019  
H. and H. Lee Surgical Education Travel Grant, UCLA, 2014-2017  
Basic Science Research Prize, Pacific Association of Pediatric Surgeons, 2014  
Outstanding Resident Teacher Award, Association for Surgical Education, 2014  
Outstanding Medical Student Teaching Award, UCLA Surgery Residency Program, 2013-2014  
Rosenkrantz Basic Science Research Award, American Academy of Pediatrics Section on Surgery, 2013  
H. and H. Lee Surgical Research Scholarship, 2013  
Morris and Janice Lipson Scholarship, 2010  
Deron Hovsepian Scholarship, 2010  
Inductee, Alpha Omega Alpha Medical Honor Society, 2009

## **RESEARCH GRANTS AND FELLOWSHIPS RECEIVED:**

California Institute of Regenerative Medicine RFA 13-05: CIRM Tools and Technologies III Grant #RT3-07914-A, “Skin-derived precursor cells for the treatment of enteric neuromuscular dysfunction,” \$1,044,423, (P.I. James C. Y. Dunn, MD, PhD), 2016-2018

Eli and Edythe Broad Stem Cell Research Center at UCLA – California Institute of Regenerative Medicine Clinical Research Training Grant #TG2-01169, “Transplantation of neural crest stem cells after enteric nervous system ablation,” \$196,000, 2012-2014 (P.I. James C. Y. Dunn, MD, PhD), 2012-2014

## **LECTURES AND PRESENTATIONS:**

Deep venous thrombosis prevention and treatment. Treatment and Rehabilitation of the Pediatric Trauma Patient Course, Children’s Hospital and Medical Center of Omaha, Madonna Rehabilitation Facility, Omaha, NE, 2019.

Association of hypothermia and other risk factors with surgical site infection rates in pediatric patients. Podium presentation, American College of Surgeons Quality and Safety Conference, Orlando, FL, 2018.

Entrustable professional activities for assessment of surgical resident competency. Podium presentation, Pacific Coast Surgical Association, Indian Wells, CA, 2017.

Telementoring hernia procedures using wearable technology. Society of American Gastrointestinal and Endoscopic Surgeons Annual Meeting, Houston, TX, 2017.

A systematic, competency-based training paradigm for the global burden of inguinal hernia. Podium presentation, Pacific Coast Surgical Association, Kohala Coast, HI, 2016.

Hernia Repair for the Underserved in Brazil: A training model to foster sustainable change. University of São Paulo Department of Surgery Grand Rounds, São Paulo, Brazil, 2014.

Hernia Repair for the Underserved in Paraguay: A training model to foster sustainable change. Regional Hospital of Luque Department of Surgery Grand Rounds, Luque, Paraguay, 2014.

Skin-derived precursors generate enteric-type neurons in aganglionic jejunum. Podium presentation, Pacific Association of Pediatric Surgeons Annual Meeting, Banff, Canada, 2014.

A durable model of Hirschsprung's colon. Podium presentation, Pacific Association of Pediatric Surgeons Annual Meeting, Banff, Canada, 2014.

Monitoring student treatment using mobile, web-based, real-time clerkship feedback. Podium presentation, Surgical Education Week, Chicago, IL, 2014.

Assessment of resident operative performance using a real-time mobile web system: Preparing for the Milestone age. Podium presentation, Surgical Education Week, Chicago, IL, 2014.

A novel *in vivo* model of permanent intestinal aganglionosis. Podium presentation, Academic Surgical Congress, San Diego, CA, 2014.

Skin-derived Precursor Cells Generate Myenteric Ganglia *in Vivo*. Poster presentation, UCLA Stem Cell Symposium, Los Angeles, CA, 2014.

Transplanted skin-derived precursor stem cells generate enteric ganglion-like structures *in vivo*. Podium presentation, American Academy of Pediatrics Section on Surgery, Orlando, FL, 2013.

Characterizing skin-derived precursor stem cells as a potential therapeutic agent for enteric aganglionosis. Podium presentation, Longmire Surgical Society, Los Angeles, CA, 2013.

The potential of skin-derived precursor stem cells for regeneration of the enteric nervous system in rats. Poster presentation, California Institute of Regenerative Medicine Grantee Conference, San Francisco, CA, 2013.

Characterizing skin-derived precursor stem cells as a potential therapeutic agent for enteric aganglionosis. Poster presentation, UCLA Stem Cell Symposium, Los Angeles, CA, 2013.

Two-wheel vehicular trauma: Age as a risk factor. Podium presentation, Southern California Chapter of the American College of Surgeons Annual Scientific Meeting, Santa Barbara, CA, 2012.

## RESEARCH PAPERS

### RESEARCH PAPERS (PEER REVIEWED)

#### A. RESEARCH PAPERS - PEER REVIEWED

1. **Wagner J**, Dusick JR, McArthur DL, Cohan P, Wang C, Swerdloff R, Boscardin WJ, Kelly DF. Acute gonadotroph and somatotroph hormonal suppression after traumatic brain injury. *J Neurotrauma* 2010;27(6):1007-19.
2. **Wagner J**, Rai A, Ituarte F, Tillou A, Cryer H, Hiatt JR. Two-wheel vehicular trauma: An age-based analysis. *Am Surg* 2012;78(10):1066-1070.
3. Sullins VF, **Wagner JP**, Suwarnasarn AT, Lee SL, Wu BM, Dunn JCY. A novel biodegradable device for intestinal lengthening. *J Pediatr Surg* 2014;49(1):109-13.  
  
Co-conceived study design, conducted animal operations, data collection, and manuscript preparation and editing.
4. Sullins VF, **Wagner JP**, Walthers CM, Chiang EK, Lee SL, Wu BM, Dunn JCY. Function of mechanically lengthened jejunum after restoration into continuity. *J Pediatr Surg* 2014;49(6):971-5.  
  
Co-conceived study design, conducted animal operations, data collection, and manuscript preparation and editing.
5. **Wagner JP** and Hiatt JR. B-type natriuretic peptide for the evaluation of volume status in elderly postoperative patients. *JAMA* 2014;311(19):2017-8.
6. **Wagner JP**, Sullins VF, Dunn JCY. A novel in vivo model of permanent intestinal aganglionosis. *J Surg Res* 2014;192(1):27-33.
7. **Wagner JP**, Sullins VF, Dunn JCY. Transplanted skin-derived precursor stem cells generate enteric ganglion-like structures in vivo. *J Pediatr Surg* 2014;49(8):1319-25.
8. Sullins VF, Scott A, **Wagner JP**, Steinberger D, Lee SL, Wu BM, Dunn JCY. Intestinal lengthening in an innovative rodent surgical model. *J Pediatr Surg* 2014;49(12):1791-4.  
  
Co-conceived study design, conducted animal operations, data collection, and manuscript preparation and editing.
9. **Wagner JP**, Sullins VF, Dunn JCY. Skin-derived precursors generate enteric-type neurons in aganglionic jejunum. *J Pediatr Surg* 2014;49(12):1809-14.
10. **Wagner JP**, Sullins VF, Khalil HA, Dunn JCY. A durable model of Hirschsprung's Colon. *J Pediatr Surg* 2014;49(12):1804-8.
11. **Wagner JP**, Chen DC, Donahue TR, Quach C, Hines OJ, Hiatt JR, Tillou A. Assessment of resident operative performance using a real-time mobile web system: Preparing for the milestone age. *J Surg Educ*; 2014;71(6):e41-6.
12. **Wagner JP**, Tillou A, Nguyen DK, Agopian VG, Hiatt JR, Chen DC. A real-time, mobile web-based module promotes bidirectional feedback and improves evaluations of the surgery clerkship. *Am J Surg* 2015;209(1):101-6.
13. Scott A, Sullins VF, Steinberger D, Rouch JD, **Wagner JP**, Chiang E, Lee SL, Wu BM, Dunn JCY. Repeated mechanical lengthening of intestinal segments in a novel model. *J Pediatr Surg* 2015;50(6):954-7.

Co-conceived study design, conducted animal operations, data collection, and manuscript preparation and editing.

14. Datta N, MacQueen IT, Schroeder AD, Wilson JJ, Espinoza JC, **Wagner JP**, Filipi CJ, Chen DC. Wearable technology for global surgical teleproctoring. *J Surg Educ* 2015;72(6):1290-5.

Designed teleproctoring program, managed data collection and analysis, and participated in manuscript preparation and editing.

15. Rouch JD, **Wagner JP**, Scott A, Sullins VF, Chen DC, DeUgarte DA, Shew SB, Tillou A, Dunn JCY, Lee SL. Innovation in pediatric surgical education for general surgery residents: A mobile web resource. *J Surg Educ* 2015;72(6):1190-4.

Designed mobile web resource, managed data collection and analysis, and participated in manuscript preparation and editing.

16. Khalil HA, Kobayashi M, Rana P, **Wagner JP**, Scott A, Yoo J, Dunn JC. Mouse model of endoscopically ablated enteric nervous system. *J Surg Res* 2016;200(1):117-21.

Assisted in animal procedures and participated in manuscript preparation and editing.

17. **Wagner JP**, Schroeder AD, Espinoza JC, Hiatt JR, Mellinger JD, Cusick RA, Fitzgibbons RJ, Campanelli G, Cavalli M, Roll S, Silva RA, Reinpold W, Télémaque LF, Matthews BD, Filipi CJ, Chen DC. Global outreach using a systematic, competency-based training paradigm for inguinal hernioplasty. *JAMA Surgery* 2017;152(1):66-73.

18. Moore AM, Datta N, **Wagner JP**, Schroeder AD, Reinpold W, Franciss MY, Silva RA, Chen DC, Filipi CJ, Roll S. Centralized, capacity-building training of Lichtenstein hernioplasty in Brazil. *Am J Surg* 2017;213(2):277-281.

Designed and participated in education program, managed data collection and analysis, and participated in manuscript preparation and editing.

19. Moore AM, Carter NH, **Wagner JP**, Filipi CJ, Chen DC. Web-based video assessments of operative performance for remote teleproctoring. *Surg Technol Int* 2017;30:25-30.

Worked with collaborators to design web platform for video reviews of surgical education program, managed data collection and analysis, and participated in manuscript preparation and editing.

20. Schroeder AD, Campanelli G, Cavalli M, Cusick R, Fitzgibbons R, Gilbert A, Lawson C, Manion J, Matthews B, Reinpold W, Roll S, Telemaque LF, **Wagner JP**, Chen DC, Filipi CJ. Humanitarianism in surgery. *Hernia* 2017;21(6):963-71.

Designed and participated in education program, managed data collection and analysis, and participated in manuscript preparation and editing.

21. **Wagner JP**, Cochran AL, Jones C, Gusani NJ, Varghese TK Jr, Attai DJ. Professional use of social media among surgeons: Results of a multi-institutional study. *J Surg Educ* 2018;75(3):804-10.

22. **Wagner JP**, Lewis CE, Tillou A, Agopian VG, Quach C, Donahue TR, Hines OJ. Use of entrustable professional activities in the assessment of surgical resident competency. *JAMA Surgery* 2018;153(4):335-43.

23. **Wagner JP**, Cusick RA. Paint and wait management of giant omphaloceles. *Semin Pediatr Surg* 2019;28(2):95-100.

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**

1. Kim MA, **Wagner J**, Segil C, Levine R, Sung GY. 2010. Ischemic Stroke. In *Neurocritical Care*, ed. M. T. Torbey, Chapter 10. New York: Cambridge University Press, pp. 133-142.
2. **Wagner JP** and Yeh MW. 2014. Primary Hyperparathyroidism: Eligibility for Surgery. In *Parathyroid Surgery: Fundamental and Advanced Concepts*, eds. D. J. Terris, W. S. Duke, J. L. Pasieka, Chapter 10. San Diego: Plural Publishing, pp. 47-57.
3. **Wagner JP**, Shekherdimian S, Lee SL. 2014. Hirschsprung Disease. Retrieved from: <http://emedicine.medscape.com/article/178493>.
4. **Wagner JP**, Brunnicardi FC, Amid PK, Chen DC. 2014. Inguinal Hernias. In *Schwartz's Principles of Surgery*, 10<sup>th</sup> edition, eds. F.C. Brunnicardi, D. Andersen, T. Billiar, et al., Chapter 37. New York: McGraw-Hill Professional, pp. 1495-1520.
5. **Wagner JP**, Lee SL. 2015. Infant Born with Abdominal Wall Defect. In *Surgery: A Case Based Clinical Review*, ed, C. de Virgilio, Chapter 34. New York: Springer, pp. 349-55.
6. **Wagner JP**, Barie PS, Chen DC, Hiatt, JR. 2017. Peritonitis and Intraabdominal Infection. In *Textbook of Critical Care*, 7<sup>th</sup> edition, eds. M. Fink, J. I. Vincent, E. Abraham, F. A. Moore, P. Kochanek, Chapter 99. Philadelphia: Elsevier, pp. 692-702.

CHAPTERS (IN PRESS)

1. **Wagner JP**, Lee SL. 2019. Infant Born with Abdominal Wall Defect. In *Surgery: A Case Based Clinical Review*, 2<sup>nd</sup> edition, ed, C. de Virgilio, New York: Springer.

## **LETTERS TO THE EDITOR**

None

## **REVIEWS**

None

## **EDITORIALS**

None

## **PAPERS IN PREPARATION (RESEARCH COMPLETED)**

1. **Wagner JP**, Vosik DM, Eller M, Shostrom VK, Cusick RA. Unintended perioperative hypothermia and surgical site infection in children. [In preparation].
2. Dudley KM, **Wagner JP**, Bedrnicek JB, Abasolo PA, Kruse TD, Lyden ER, Abdessalam SF. Template aortocaval lymph node dissection for Wilms tumor: A pilot study. [In preparation].

Performed operations described in protocol, assisted in data analysis, and participated in manuscript preparation and editing. Provided mentorship for medical student first author.

## **ABSTRACTS**

None