

CURRICULUM VITAE
JUAN CARLOS ESPINOZA, M.D.
DECEMBER 2018

PERSONAL INFORMATION:

| Work | Home |
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| Children's Hospital Los Angeles 4650 Sunset Blvd., Mailstop #68 Los Angeles, CA 90027 Phone: (323) 361-2113 Fax: (323) 361-8003 Work Email: jespinoza@chla.usc.edu | 1153 Magnolia Ave Los Angeles, CA 90006 Citizenship: United States |

EDUCATION AND PROFESSIONAL APPOINTMENTS

EDUCATION:

| <i>Year</i> | <i>Degree, Field, Institution, City</i> |
|-------------|--|
| 2001 | High School, Grace King High School, Metairie, LA |
| 2005 | B.A., Romance Languages & Linguistics, Washington University in St. Louis, St. Louis, MO |
| 2010 | M.D., Keck School of Medicine, University of Southern California, Los Angeles, CA |

POST-GRADUATE TRAINING:

| <i>Year-Year</i> | <i>Training Type, Field, Mentor, Department, Institution, City</i> |
|------------------|--|
| 2010 - 2011 | Internship, Pediatrics, Children's Hospital Los Angeles, Los Angeles, CA |
| 2011 - 2013 | Residency, Pediatrics, Children's Hospital Los Angeles, Los Angeles, CA |

OTHER TRAINING:

| <i>Year-Year</i> | <i>Training Type, Field, Mentor, Department, Institution, City</i> |
|------------------|--|
| 2014 | LA-HPAC Media Training, CHLA, Los Angeles, CA |
| 2014 | Introduction to Clinical & Translational Research Study Design, CHLA, CTSI, Los Angeles, CA |
| 2014 | Principles of Medical Education: Maximizing Your Teaching Skills, Harvard Shapiro Institute, UCSD, San Diego, CA |
| 2015 | REACH Institute mini-fellowship in Primary Pediatric Psychopharmacology, CHLA, Los Angeles, CA |
| 2017 | Harvard Blackburn Obesity Medicine Course, Boston, MA |
| 2018 | AMIA 10x10 Introduction to Clinical Informatics with OHSU, Portland, OR |
| 2018-2019 | USC CHLA Health Leadership Academy |

ACADEMIC APPOINTMENTS:

| <i>Year-Year</i> | <i>Appointment</i> | <i>Department, Institution, City, Country</i> |
|------------------|--|---|
| 2014 - present | Assistant Professor of Clinical Pediatrics | Keck School of Medicine of USC, Los Angeles, CA |

CLINICAL APPOINTMENTS:

| <i>Year-Year</i> | <i>Appointment</i> | <i>Department, Institution, City, Country</i> |
|------------------|------------------------------|--|
| 2013 - 2015 | Hospitalist | Department of Pediatrics, Bakersfield Memorial Hospital, Bakersfield, CA |
| 2013 - 2015 | Hospitalist | Division of Hospital Medicine, CHLA, Los Angeles, CA |
| 2013 - present | General Pediatrics Attending | Division of General Pediatrics, CHLA, Los Angeles, CA |

LICENSURE, CERTIFICATIONS

LICENSURE:

| <i>Year</i> | <i>License number, State, Status</i> |
|-------------|---|
| 2012 | Certificate A121058, California, active |
| 2017 | LPA4 (Spanish), CHLA, Los Angeles, CA, active |

BOARD CERTIFICATION OR ELIGIBILITY:

| <i>Year</i> | <i>Board, State, Status</i> |
|-------------|---------------------------------------|
| 2012 | Medical Board of California, current |
| 2013 | American Board of Pediatrics, current |

HONORS, AWARDS:

| <i>Year</i> | <i>Description</i> | <i>Awarding agency, address, city</i> |
|-------------|---|---------------------------------------|
| 2000 | Summer Undergraduate Neuroscience Award | LSU |
| 2001 | Ramirez Scholarship | Washington University in St. Louis |
| 2002 & 2003 | NIH Summer Intramural Research Training Award | NIH |
| 2004 | Mathew S. Cole Award for Excellence in Journalism | Washington University in St. Louis |
| 2005 | NIH Post Baccalaureate Intramural Research Training Award | NIH |
| 2007 | Medical Educators' Collegium Student Project Award for Teaching in Gross Anatomy | University of Southern California |
| 2008 & 2009 | Ray and Fern Wilson Scholarship for academic excellence and interest in cancer research | University of Southern California |
| 2008 & 2009 | Walker Foundation Scholarship for academic excellence, community health and community service | University of Southern California |
| 2009 | Christine Page Scholarship for academic excellence and interest in oncology | University of Southern California |
| 2009 | Rodolfo Montes Scholarship for academic excellence, leadership and community involvement | University of Southern California |
| 2009 | University Hospital Guild Celebration of Life Scholarship for academic excellence, leadership and community service | University of Southern California |
| 2011 | Leonard I. Daver Medical Student Teaching Award | CHLA |
| 2011 | CHLA Service Award for Excellence in Outpatient Care | CHLA |

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| 2012 | Gary F. Krieger Award for Pediatric Advocacy | CHLA |
| 2015 | APA RAPID NIDDK Award | NIDDK |
| 2016 | Maurice Hitchcock Award for Outstanding Poster | IME Conference |
| 2017 | Academic Pediatric Association Research Scholar | Academic Pediatric Association |
| 2018 | Outstanding Required Scholarly Project Mentor | USC Keck School of Medicine |

TEACHING

DIDACTIC TEACHING:

Children's Hospital Los Angeles

| <i>Year-Year</i> | <i>Course Name</i> | <i>Units/Hrs</i> | <i>Role</i> |
|------------------|--|---------------------|-------------|
| 2013 – present | Pediatric Residency Journal Club | 2 – 3 hrs per month | Mentor |
| 2014 –present | Pediatric Resident Continuity Clinic, CHLA Pediatric Residency Program | 6 lectures per year | Lecturer |
| 2014 – 2018 | Pediatric Resident Continuity Clinic, Pediatric Residency Program | 4 hrs per week | Preceptor |

USC Keck School of Medicine

| <i>Year-Year</i> | <i>Course Name</i> | <i>Units/Hrs</i> | <i>Role</i> |
|------------------|----------------------------|---------------------|---------------------------------|
| 2014 – present | Pediatrics Core Clerkship | 4 wk per year | Outpatient Experience Preceptor |
| 2014 – present | Pediatrics Core Clerkship | 1 wk every 2 months | Focus Week Preceptor |
| 2015 – present | Required Scholarly Project | 30-40 hours/year | Primary Research Mentor |

USC Viterbi School of Engineering

| <i>Year-Year</i> | <i>Course Name</i> | <i>Units/Hrs</i> | <i>Role</i> |
|------------------|--|-------------------|-----------------------------------|
| 2017 – 2019 | Health, Technology and Engineering Program | 12 hours per year | Course Instructor, Project Mentor |

UNDERGRADUATE, GRADUATE AND MEDICAL STUDENT (OR OTHER) MENTORSHIP:

| <i>Year-Year</i> | <i>Trainee Name</i> | <i>Trainee Type</i> | <i>Dissertation/Thesis/Project Title</i> |
|------------------|---------------------|----------------------------|---|
| 2015-2018 | Barbara Lam | Medical student | Technology access in Haiti |
| 2015-2017 | Aric Ponce | Post-baccalaureate student | GIS mapping of schools and student BMI |
| 2016-2019 | Alex Chen | Medical student | Wearable devices and engagement |
| 2016-2017 | Daniel Cho | Medical student | Podcasting in medical education |
| 2016-2017 | Audrey Lai | Undergraduate student | Social media and obesity programs |
| 2016-2017 | Lisa Lopez | Undergraduate student | Autism and obesity interventions |
| 2016-2017 | Laura Salm | MPH student | Primary care access and sickle cell disease |
| 2018-Current | Makela Stankey | Medical student | Social resource access among low income families with CSHCN |
| 2019-Current | Preeya Metha | Medical Student | Telehealth implementation |

GRADUATE STUDENT THESIS, EXAM AND DISSERTATION COMMITTEES:

| <i>Year-Year</i> | <i>Trainee Name</i> | <i>Committee Type</i> | <i>Student Department</i> |
|------------------|---------------------|-----------------------|------------------------------|
| 2017-2018 | Alauna Hersch | Scholarly Oversight | Gastroenterology, Pediatrics |
| 2017-Current | Katherine Lewinter | Scholarly Oversight | Pulmonology, Pediatrics |
| 2017-Current | Amy Seagroves | Scholarly Oversight | Endocrinology, Pediatrics |

POSTGRADUATE MENTORSHIP:

| <i>Year-Year</i> | <i>Trainee Name</i> | <i>If past trainee, current position and location</i> |
|------------------|---------------------|--|
| 2015-2017 | Ali Arastu | Critical Care Fellow, Stanford University |
| 2015-2017 | Kameelah Gateau | Chief Resident, Children's Hospital Los Angeles |
| 2015-2018 | Miriam Chan | Pediatric Resident, Children's Hospital Los Angeles |
| 2015-2018 | Rayman Assaf | Pediatric Resident, Children's Hospital Los Angeles |
| 2015-2018 | Lauren Rissman | Pediatric Resident, Children's Hospital Los Angeles |
| 2016-Current | Dylan Ochal | Pediatric Resident, Children's Hospital Los Angeles |
| 2017-Current | Katherine Harmon | Pediatric Resident, Children's Hospital Los Angeles |
| 2017-2018 | Alauna Hersch | Gastroenterology Fellow, Children's Hospital Los Angeles |
| 2017-Current | Katherine Lewinter | Pulmonology Fellow, Children's Hospital Los Angeles |
| 2017-Current | Amy Seagroves | Endocrinology Fellow, Children's Hospital Los Angeles |

SERVICE**HOSPITAL OR MEDICAL GROUP SERVICE:**

| <i>Year-Year</i> | <i>Position, Committee</i> | <i>Organization/Institution</i> |
|------------------|--|----------------------------------|
| 2010 - 2013 | AAP Program Representative | CHLA Pediatric Residency Program |
| 2010 - 2013 | Housestaff Council Representative | CHLA Pediatric Residency Program |
| 2012 - present | Media Spokesperson for General Pediatrics (Spanish/English) | CHLA |
| 2014 - present | Interviewer, Admission Committee | CHLA Pediatric Residency Program |
| 2014 - present | Chair, General Pediatrics Obesity Research Group | CHLA |
| 2014 - 2017 | Member, Resident Outpatient Education Committee | CHLA |
| 2015 - 2017 | Institution Representative, Health XL Global Healthcare Innovation Community | CHLA |
| 2015 - 2016 | Member, Enterprise Database Repository Steering Committee | CHLA |
| 2015 - present | Member, Diversity/Equity/Access/Cultural Competency Workforce | CHLA |
| 2016 - present | Member, myCHLA Steering Committee | CHLA |
| 2016 - present | Member, CHLA Health Network Technology Steering Committee | CHLA |
| 2016 - present | Member, Telemedicine Executive Committee | CHLA |
| 2018 - present | Member, Digital Health Committee | CHLA |

UNIVERSITY SERVICE:

| <i>Year-Year</i> | <i>Position, Committee</i> | <i>Organization/Institution</i> |
|------------------|--|---------------------------------|
| 2014 - present | Interviewer, Admissions Committee | Keck School of Medicine of USC |
| 2015 - present | Founding Member, Academy of Pediatric Leaders in Education | USC |
| 2019 | CRIO search and recruitment committee | Keck School of Medicine of USC |

PROFESSIONAL SERVICE:

| <i>Year-Year</i> | <i>Position, Committee</i> | <i>Organization/Institution</i> |
|------------------|--|-------------------------------------|
| 2010 - present | Co-Founder, Producer, and Sound Supervisor | MDDM/Gadi Creative, Los Angeles, CA |
| 2011 – 2014 | Clinical Research Advisor, Member of Board Of Directors | Birich Technologies, Baltimore, MD |
| 2015 - present | Member, Committee on Communication and Media | American Academy of Pediatrics |
| 2015 – present | Advisor, Board | Hexcare, Los Angeles, CA |
| 2015 – present | Advisor, Board | Akido Labs, Los Angeles, CA |
| 2019 – present | Member, Section on Advances in Therapeutics and Technology | American Academy of Pediatrics |

PROFESSIONAL SOCIETY MEMBERSHIPS:

| <i>Year- Year</i> | <i>Society</i> |
|-------------------|---|
| 2006 – present | American Medical Association |
| 2010 – present | American Academy of Pediatrics |
| 2014 – present | Academic Pediatrics Association |
| 2015 – present | Donnell Society for Pediatric Scientists |
| 2016 – present | Healthcare Information and Management Systems Society |
| 2018 – present | The Obesity Society |

COMMUNITY SERVICE:

| <i>Year-Year</i> | <i>Position</i> | <i>Organization/Institution, City,</i> | <i>Role or Activity</i> |
|------------------|----------------------------------|--|-------------------------|
| 2011 - 2013 | Translator | Bodyworks Community Health Program | Translator for program |
| 2014 – present | Member of the Board of Directors | Hernia Repair for the Underserved, Los Angeles | Board Member |
| 2017 – present | Member of the Board of Directors | The WITH Foundation | Board Member |

MAJOR LEADERSHIP POSITIONS: (E.G., DEAN, CHAIR, INSTITUTE DIRECTOR, HOSPITAL ADMINISTRATION, ETC.)

| <i>Year-Year</i> | <i>Position</i> | <i>Narrative listing Accomplishments- or add appendix</i> |
|------------------|---|--|
| 2011 - 2016 | Founder and Medical Director | Founder and Medical Director of MD Digital Media, Los Angeles, C |
| 2015 - 2018 | Clinical Advisor and Investigator | Center for Innovation, CHLA, Los Angeles, CA |
| 2016 - present | Medical Director for Pediatric Digital Health Lab, USC, Los Angeles, CA | Innovation |
| 2016 - present | Director of Research and Data Management | Patient Centered Medical Home, Division of General Pediatrics, CH Los Angeles, CA |
| 2017 – present | Principal Investigator & Director | Gastroenterology Biorepository, CHLA, Los Angeles, CA |
| 2018 – present | Director, Clinical Research Informatics | Southern California Clinical and Translational Science Institute, CH Los Angeles, CA |
| 2018 – present | Medical Director | CHLA Innovation Studio, CHLA, Los Angeles, CA |

RESEARCH AND SCHOLARSHIP

MAJOR AREAS OF RESEARCH INTEREST

Research Areas

My overarching research goal is to identify and develop uses for data and technology to improve outcomes and reduce the health gap faced by underserved communities.

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|---|-------------------------------------|
| 1. Health Information Systems | 5. Pediatric Medical Devices |
| 2. Digital Media and Digital Health | 6. Pediatric Obesity |
| 3. Mobile technology and wearable devices | 7. Children with Medical Complexity |
| 4. Patient generated health data | 8. Global health |

GRANT SUPPORT – CURRENT (RESEARCH IN PROGRESS):

Grant No. 1P50FD006425-01(PI) Juan Espinoza

Dates of Award: 2018 - 2023

Agency: FDA

Percent Effort: 20%

Title: West Coast Consortium for Technology & Innovation in Pediatrics

Description: The West Coast Consortium for Technology and Innovation in Pediatrics is an FDA-funded pediatric device consortium program aimed at stimulating and advance the development of pediatric medical devices.

Role: PI, consortium director

Grant No. UL1TR001855 (PI) Buchanan/Kipke

Dates of Award: 2018 - 2021

Agency: NIH/NCATS

Percent Effort: 20%

Title: Southern California Clinical and Translational Science Institute

Description: The goal of SC CTSI is to create infrastructure to support clinical and translational research to reduce disparities in high-risk and underserved/underrepresented populations, including pediatric populations.

Role: Co-I, Director of clinical research informatics for CHLA

Grant No. Faculty Resource Grant (PI) : Juan Espinoza

Dates of Award: July 2014 – present

Agency: Children's Hospital Los Angeles

Percent Effort: 10%

Title: Technology and Innovation in Pediatrics

Description: My division provides additional protected time for me to work on technology and media projects in partnership with the CHLA Center for Innovation, as well as to support other faculty interested in exploring mobile technology/mHealth projects. In addition, I am leading our efforts to build an EMR-agnostic central database with a built-in application layer, the first of its kind at our institution.

Role: PI

GRANT SUPPORT - PAST:

Grant No. PP50 FDA (PI): Bar-Cohen

Dates of Award: 2017 - 2019

Agency: FDA

Percent Effort 10%

Title: Advancing and promoting the development of pediatric medical devices

Description: Companies that develop pediatric medical devices face additional biological, regulatory, and financial challenges compared to adults. The FDA has funded a series of pediatric device consortia in order to promote and advance the field of pediatric devices. I work closely with companies to identify opportunities, address challenges, and successfully bring products to market.

Role: Co-Principal Investigator

Grant No. R01 1U01HL117718-02(PI) Thomas Coates

Dates of Award: 2013 - 2018

Agency: Children's Hospital Los Angeles

Percent Effort: no salary support

Title: Underlying physiology of Sickle Cell Disease

Description: Development of mobile applications for reporting pain and related symptoms in adolescents with sickle cell disease

Role: Co-Investigator

Grant No. R25DK096944 (PI): : Flores/Mendoza

Dates of Award: June 2015 - 2017

Agency: NIDDK APA RAPID Award

Percent Effort: no salary support

Title: Wearable Technology in Pediatric Weight Management

Description: The goal of this project is to determine the effects of wearable devices (Fitbit©) on an existing comprehensive family based weight intervention program target a predominantly low SES Hispanic population with limited English proficiency. We are evaluating the device's ability to be an independent motivating factor as well as an effective tool for recording objectively measure physical activity

Role: PI of subaward

ISSUED AND PENDING PATENTS:

Patent Holder Names. Title. Institution. File #. Reference #. US Patent and Trademark Serial No.

COMPOSITIONS AND METHODS FOR DELIVERING INHIBITORY OLIGONUCLEOTIDES, filed on April 15, 2008 Serial No. 61/045,088

INVITED LECTURES, SYMPOSIA, KEYNOTE ADDRESSES

| <i>Year</i> | <i>Type</i> | <i>Title, Location</i> |
|-------------|-----------------------|---|
| 2011 | Platform Presentation | "Final report on outcome of children with newly diagnosed high grade glioma (HGG) treated with multi-drug induction chemotherapy followed by consolidative myeloablative chemotherapy and autologous hematopoietic progenitor cell rescue (AuHPCR) on the "Head Start" II and III Protocols." Platform presentation, Society for Neuro Oncology Annual Meeting, Anaheim, CA |
| 2015 | World Conference | "Facebook IHC as an international platform for Hernia Repair For the Underserved." David Chen, Juan Espinoza, World Conference on Abdominal Wall Hernia Surgery, Milan, Italy |
| 2015 | Invited Lecture | "The Hatian Hernioplasty Project." David Chen, Robert Cusick, Juan Espinoza, Hôpital Universitaire de Mirebalais, Mirebalais, Haiti |
| 2016 | Invited Panelist | "The Challenge of Sleep," Panelist. HealthXL Global Gathering, San Francisco, CA |
| 2016 | Invited Panelist | "Managing Pediatric Chronic Disease in the Digital Age," Panelist. Consortium for Technology and Innovation in Pediatrics, CHLA, Los Angeles, CA |
| 2016 | Invited Panelist | "Innovation in Healthcare -Providers' Panel" Panelist. HealthXL Global Gathering, Boston, MA |
| 2016 | Invited Lecture | "The Hatian Hernioplasty Project - Update" David Chen, Juan Espinoza, Hôpital Universitaire de Mirebalais, Mirebalais, Haiti |
| 2017 | Invited Panelist | "The Future of VR," Panelist. HealthXL Global Gathering, San Diego, CA |
| 2018 | InvitedSpeaker | "Clinical Informatics and the Future of a National Medical Device Safety and Surveillance System." FDA Pediatric Medical Device Development Public Meeting, invited to give public comments, August 13 th , 2018, Silver Springs, MD |
| 2018 | Invited Lecture | "Pediatric Obesity." AACP-CHLA 16 th International Conference on Ophthalmology, Neonatology and Endocrinology on September 24 – 26, 2018 in Yerevan, Armenia |
| 2018 | Invited Lecture | "Pediatric Metabolic Syndrome." AACP-CHLA 16 th International Conference on Ophthalmology, Neonatology and Endocrinology on September 24 – 26, 2018 in Yerevan, Armenia |
| 2019 | Invited Lecture | "Clinical Research Informatics at CHLA: Current State and Next Steps," The Saban Research Institute Annual Research Symposium: Big Data, Big Impact. CHLA, Los Angeles, CA. |
| 2019 | Invited Lecture | "The West Coast Consortium for Technology and Innovation in Pediatrics." Information Technology Department All Hands Meeting, Seattle Children's, Seattle, WA |
| 2019 | Invited Lecture | "Pediatric Medical Devices: Gaps and Opportunities in Clinical Trials." Regulatory Science Boot Camp: Clinical Trials with Medical Devices. Symposium organized by the USC School of Pharmacy and the Southern California Clinical Translational Sciences Institute. USC, Los Angeles, CA. |
| 2019 | Invited Lecture | "Health Equity and Innovation." Innovation Best Practices, Pediatrics 2040 Conference, August 18 th -20 th , 2019, Huntington Beach, CA |

INVITED GRAND ROUNDS, CME LECTURES

| Year | Type | Title, Location |
|------|-------------------|---|
| 2011 | Grand Rounds | "Irradiation-avoiding treatment strategies for children with high grade glioma and the final report on outcome for patients treated on the Head Start II & III Protocols, 1997 – 2009." Pediatrics Grand Rounds, Children's Hospital Los Angeles, Los Angeles, CA |
| 2013 | Grand Rounds | "Enhancing healthcare systems education through digital media." Pediatric Grand Rounds, Children's Hospital Los Angeles, Los Angeles, CA |
| 2018 | CME Lecture | "Hamburger and a side of BPA." PedsRAP, HIPPO Education Podcast, November 2018. |
| 2019 | Grand Rounds | "From Medical Devices to Digital Health and Beyond." Pediatric Grand Rounds, Children's Hospital Los Angeles, Los Angeles, CA |
| 2019 | ACCM Grand Rounds | "Clinical Research Informatics Tools at CHLA+USC." Department of Anesthesia and Critical Care Medicine, Children's Hospital Los Angeles |

PUBLICATIONS:

* INDICATES YOUR TRAINEES

** INDICATES YOUR CO-FIRST OR CO-CORRESPONDING OR SENIOR AUTHORS

REFEREED JOURNAL ARTICLES:

1. Assaf RR*, Hudson SM, Marcy S, Radbill L, Speybroeck A Van, Siskowski C, Patel M, **Espinoza J[†]**. Sibling Caregivers : A Mixed Methods Study and Family-Based Intervention Model in a Pediatric Hospital. J Heal Educ Res Dev. 2018;6.
2. D. Cho*, M.J. Cosimini, and **J. Espinoza[†]**, Podcasting in medical education – a review of the literature. Korean Journal of Medical Education. . Korean J Med Educ. 2017;29 (4): 229-239. doi:https://doi.org/10.3946/kjme.2017.69
3. **J. Espinoza**, A. Chen*, J. Orozco, A. Deavenport-Saman, L. Yin, Effect of personal activity trackers on weight loss in families enrolled in a comprehensive behavioral family-lifestyle intervention program in the federally qualified health center setting: A randomized controlled trial, Contemp. Clin. Trials Commun. 7 (2017) 86–94. doi:10.1016/j.conctc.2017.06.004.
4. J.P. Wagner, A.D. Schroeder, **J.C. Espinoza**, J.R. Hiatt, J.D. Mellinger, R.A. Cusick, R.J. Fitzgibbons, G. Campanelli, M. Cavalli, S. Roll, R.A. Silva, W. Reinpold, L.-F. Télémaque, B.D. Matthews, C.J. Filipi, D.C. Chen, Global Outreach Using a Systematic, Competency-Based Training Paradigm for Inguinal Hernioplasty, JAMA Surg. 152 (2017). doi:10.1001/jamasurg.2016.3323.
5. M.J. Cosimini, **J. Espinoza**, Telephone Management Training by Podcast - Length and Content Considerations (Descriptive Abstract), Acad. Pediatr. 17 (2017) e9–e10. doi:10.1016/j.acap.2017.04.046.
6. M.J. Cosimini, D. Cho*, F. Liley, **J. Espinoza**, Podcasting in Medical Education: How Long Should an Educational Podcast Be?, J. Grad. Med. Educ. 9 (2017) 388–389. doi:10.4300/JGME-D-17-00015.1.
7. G. Flores, F.S. Mendoza, E. Fuentes-Afflick, J. a. Mendoza, L. Pachter, **J. Espinoza**, C.R. Fernandez, D.D.P. Arnold, N.M. Brown, K.M. Gonzalez, C. Lopez, M.C. Owen, K.M. Parks, K.L. Reynolds, C.J. Russell, Hot topics, urgent priorities, and ensuring success for racial/ethnic minority young investigators in academic pediatrics, Int. J. Equity Health. 15 (2016) 201. doi:10.1186/s12939-016-0494-6.
8. **J.C. Espinoza**, K. Haley, N. Patel, G. Dhall, S. Gardner, J. Allen, J. Torkildson, A. Cornelius, R. Rassekh, A. Bedros, M. Etzl, J. Garvin, K. Pradhan, R. Corbett, M. Sullivan, G. McGowage, D. Stein, R. Jasty, S. a. Sands, L. Ji, R. Sposto, J.L. Finlay, Outcome of young children with high-grade glioma treated with irradiation-avoiding intensive

- chemotherapy regimens: Final report of the Head Start II and III trials, *Pediatr. Blood Cancer*. 63 (2016) 1806–1813. doi:10.1002/pbc.26118.
9. N. Datta, I.T. Macqueen, A.D. Schroeder, J.J. Wilson, **J.C. Espinoza**, J.P. Wagner, C.J. Filipi, D.C. Chen, Wearable Technology for Global Surgical Teleproctoring, *J. Surg. Educ.* 72 (2015) 1290–1295. doi:10.1016/j.jsurg.2015.07.004.
 10. D.H. Nguyen, **J.C. Espinoza**, D.D. Taub, Cellular cholesterol enrichment impairs T cell activation and chemotaxis, *Mech. Ageing Dev.* 125 (2004) 641–650.

REFEREED JOURNAL ARTICLES SUBMITTED:

1. Cindy Luu; Thomas Talbot; Cha Chi Fung; Eyal Ben-Isaac; **Juan Espinoza**; Susan Fischer; Christine S. Cho; Mariam Sargyan; Sridevi Korand; Todd P Chang. "Performance Validation of a Virtual Emergency Department Game to Assess Multi-patient Management Skills." Submitted May 2019 to *Advances in Health Sciences Education*.
2. Cecily Betz, Sharon Hudson, Lynn Kysh, and **Juan Espinoza**. "Reconsidering Reviews: the Role of Scoping Reviews in Pediatrics." Submitted December 2018 to *JBI*.
3. Aric Ponce*, Alexis Deavenport-Saman, Kenneth Hayashida, Larry Yin, and **Juan Espinoza**[†]. Exploring the Relationships between Childhood Fitness, Income, and School Outdoor Space Using a Polygon Mapping Technique." Submitted December 2018 to *Journal of Community Health*.
4. Alexander Chen*, Aric Ponce*, Jazminne Orozco, Alexis Deavenport-Saman, Patricia Castillo, Larry Yin, and **Juan Espinoza**[†]. "Fitbits decrease dropout rates in a comprehensive pediatric weight loss program in the FQHC setting." Submitted December 2018 to *Health Promotion Practice*.

*= resident or student mentee

[†]= Senior/corresponding author

REFEREED JOURNAL ARTICLES IN PREPARATION:

1. **Espinoza J.** "Enhancing Healthcare Systems Education Through Digital Media" in preparation for mededPORTAL.

ABSTRACTS AND PRESENTATIONS:

1. **Espinoza, J.** Haley, K, Patel, N, Gardner, S, Allen, J, Torkildson, J, Cornelius, A, Hukin, J, Bedros, A, Etzl, M, Sullivan, M, McGowage, G, Ji, L, Sposto, R, and Finlay, JL. Final report on outcome of children with newly diagnosed high grade glioma (HGG) treated with multi-drug induction chemotherapy followed by consolidative myeloablative chemotherapy and autologous hematopoietic progenitor cell rescue (AuHPCR) on the "Head Start" II and III Protocols. Presented at the Society for Neuro Oncology, accepted for oral presentation at the SNO Annual Meeting, Anaheim, CA, November 17th-20th 2011.
2. Aric M Ponce* and **Juan C Espinoza**. Exploring the Relationship between Childhood Fitness, Wealth, and School Green Space Using a Polygon Mapping Technique. Presented at the Academic Pediatric Association Region IX and X annual meeting, Monterey, CA, January 29th-31st, 2016
3. Barbara D Lam* and **Juan C Espinoza**. Understanding Access to Mobile Technology Among Patients and Providers in Haiti. Presented at the Academic Pediatric Association Region IX and X annual meeting, Monterey, CA, January 29th-31st, 2016
4. **Juan Espinoza**. Children in Poverty, Technology and Obesity: A Fitbit Feasibility Study. Presented at the Academic Pediatric Association Region IX and X annual meeting, Monterey, CA, January 29th-31st, 2016
5. Christina Jung, **Juan Espinoza**, et al. Attending and Housestaff Attitudes Regarding Effectiveness of Current Outpatient General Pediatrics Teaching Modalities. Accepted to

- the Academic Pediatric Association Region IX and X annual meeting, Monterey, CA, January 29th-31st, 2016
6. Michael Cosimini and **Juan Espinoza**. An audio podcast format telephone triage educational curriculum for pediatric residents. Presented at the Innovations in Medical Education Conference, Los Angeles, CA, February 19th-20th, 2016
 7. Jolene Collins and **Juan Espinoza**. Casting a Wider Net for Learning: the Sage Book Clinic Passport. Presented at the Innovations in Medical Education Conference, Los Angeles, CA, February 19th-20th, 2016
 8. Lauren Rissman*, **Juan Espinoza**, et al. Hand washing at an Orphanage in Rural Malawi. Presented at the CHLA Impact and Advocacy Poster session, Los Angeles, May 27th 2016
 9. Rayman Assaf*, **Juan Espinoza**, et al. The Hidden Population of Caregiving Youth. Presented at the CHLA Impact and Advocacy Poster session, Los Angeles, May 27th 2016
 10. Aric M Ponce* and **Juan C Espinoza**. Exploring the Relationship between Childhood Fitness, Wealth, and School Green Space Using a Polygon Mapping Technique. Presented at the Pediatric Academic Societies annual meeting, Baltimore, MD, April 30th – May 3rd, 2016
 11. Barbara D Lam* and **Juan C Espinoza**. Understanding Access to Mobile Technology Among Patients and Providers in Haiti. Presented at the Pediatric Academic Societies annual meeting, Baltimore, MD, April 30th – May 3rd, 2016
 12. Alexander Chen* and **Juan C Espinoza**[†]. Children in Poverty, Technology and Obesity: a Fitbit Feasibility Study. Presented at the Saban Research Institute Annual Poster Session, Los Angeles, CA, June 7th, 2016
 13. Michael Cosimini and **Juan Espinoza**. Telephone management training by podcast - length and content considerations. Accepted to the Association of Pediatric Program Directors (APPD) meeting in Anaheim, CA, April 7th, 2017.
 14. Alexander Chen*, Aric Ponce*, Jazminne Orozco, Alexis Deavenport-Saman, Patricia Castillo, Larry Yin, and **Juan Espinoza**[†]. Fitbits increase completion rates of a comprehensive weight loss program at a Federally Qualified Health Center (FQHC). Accepted to PAS, San Francisco, CA, May 5th – May 9rd, 2017
 15. Jer-Bin Hwung, Jazminne Orozco, Lisa Lopez*, Sneha Annamaneni*, Alexis Deavenport-Saman, Larry Yin, and **Juan Espinoza**[†]. Obese and overweight children with autism spectrum disorders & developmental disabilities: enrollment and completion rates in an inclusive comprehensive weight loss program. Accepted to PAS, San Francisco, CA, May 5th – May 9rd, 2017
 16. Carine N. Sidhom*, Cary Kreutzer, Jazminne Orozco, Alexis Deavenport-Saman, Larry Yin, and **Juan Espinoza**[†]. Prevalence of poor sleep among overweight children enrolled in a comprehensive weight loss program, Accepted to PAS, San Francisco, CA, May 5th – May 9rd, 2017
 17. Audrey Lai*, Lisa Lopez*, Jazminne Orozco, Alexis Deavenport-Saman, Larry Yin, and **Juan Espinoza**[†]. Incorporating technology into a comprehensive weight loss program in the FQHC setting: a needs assessment approach. Platform presentation, PAS, San Francisco, CA, May 5th – May 9rd, 2017
 18. **Juan Espinoza**, Barry Cynamon, Nathan Smith, Jennie Tsao, Lonnie Zeltzer, Thomas Coates, Jacquelyn Baskin. Mobile Apps and Sick Cell Disease: a Utilization Study. Presented at PAS, San Francisco, CA, May 5th – May 9rd, 2017
 19. Monica Serrano-Gonzalez*, Nicolette Sullivan, Christina M. Koppin, Robert Kim, Julie Werner, Joyce Javier, **Juan Espinoza**, Mimi S. Kim. Dietary Choice in Children is Strongly Related to the Processing Speed of Food Tastiness and Healthiness. Presented at PAS, San Francisco, CA, May 5th – May 9rd, 2017
 20. Espinoza, Juan C.1; Deavenport-Saman, Alexis1; Chowdhuri, SampreetiZajdman, Deborah1; Wee, Choo Phei1; Orozco, Jazminne1; yin, larry1

*= Trainee or student mentee

†= Senior/corresponding author

PRESENTATIONS AND LECTURES

1. "Streptococcal toxic shock syndrome." Presented at: CHLA Department of Infectious Diseases education rounds, Los Angeles, CA, August 16th, 2009
2. "Hemophagocytic lymphohistiocytosis: a primer." Presented at: USC Keck School of Medicine Department of Allergy and Immunology, education rounds, Los Angeles, CA, November 20th 2009.
3. "HPV and cervical cancer." Presented at: CHLA Department of Adolescent Medicine education rounds, Los Angeles, CA, August 19th 2011.
4. "Psychosis in a school-aged child: anti-NMDA receptor encephalitis." Presented at: Children's Hospital Los Angeles senior case conference, Los Angeles, CA, August 24th, 2011
5. "Final report on outcome of children with newly diagnosed high grade glioma (HGG) treated with multi-drug induction chemotherapy followed by consolidative myeloablative chemotherapy and autologous hematopoietic progenitor cell rescue (AuHPCR) on the "Head Start" II and III Protocols." Platform presentation, Society for Neuro Oncology Annual Meeting, Anaheim, CA, November 19th 2011
6. "Irradiation-avoiding treatment strategies for children with high grade glioma and the final report on outcome for patients treated on the Head Start II & III Protocols, 1997 – 2009." Pediatrics Grand Rounds, Children's Hospital Los Angeles, Los Angeles, CA, December 9th 2011
7. "Prolonged fever: Hemophagocytic lymphohistiocytosis." Presented at: Children's Hospital Los Angeles senior case conference, Los Angeles, CA, August 8th, 2012
8. "Enhancing healthcare systems education through digital media." Pediatric Grand Rounds, Children's Hospital Los Angeles, Los Angeles, CA, June 7th, 2013
9. "Disparities in cancer outcomes: lesson learned from children with cancer." Presented at: Children's Hospital Los Angeles journal club, Los Angeles, CA, June 19th 2013
10. "The Hatian Hernioplasty Project." David Chen, Juan Espinoza. Presented at: Hôpital Universitaire de L'Etat de Haiti, Port-au-Prince, Haiti, November 6th, 2014.
11. "Introduction to Journal Club." Resident noon conference, Children's Hospital Los Angeles, 2015 – present (annual lecture)
12. "Facebook IHC as an international platform for Hernia Repair For the Underserved." David Chen, Juan Espinoza. Presented at: World Conference on Abdominal Wall Hernia Surgery, Milan, Italy, April 28th, 2015.
13. "The Hatian Hernioplasty Project." David Chen, Robert Cusick, Juan Espinoza. Presented at: Hôpital Universitaire de Mirebalais, Mirebalais, Haiti, October 22nd, 2015.
14. "The Challenge of Sleep," Panelist. HealthXL Global Gathering, San Francisco, CA, April 12th, 2016
15. "Managing Pediatric Chronic Disease in the Digital Age," Panelist. Consortium for Technology and Innovation in Pediatrics, CHLA, Los Angeles, CA. May 16th, 2016
16. "Providers' Panel" Panelist. HealthXL Global Gathering, Boston, MA, September 21st, 2016
17. "The Hatian Hernioplasty Project - Update" David Chen, Juan Espinoza. Presented at: Hôpital Universitaire de Mirebalais, Mirebalais, Haiti, September 26th, 2016.
18. "Leveraging Medical Health Record Data for Identifying Research Study Participants: Practical Guidance on Using Clinical Research Informatics Applications in Your Research." Juan Espinoza. SC CTSI Digital Scholars Webinar Series. May 2nd, 2018.
19. "CTSI Clinical Research Informatics (CRI) for CHLA Researchers." Juan Espinoza. The Saban Research Institute Research Readiness Workshop Series. March 20th, 2019

WORKSHOPS

1. "Understanding the New Tools: Digital media and technology and their applications for research, clinical care and education." Workshop leader. Presented at the APA Region IX and X Annual Meeting, Monterey, California, January 31, 2016.
2. "Exploring New Tools: A primer on digital media and technology and their applications for medical research, clinical care and education." Workshop leader. Presented at the Pediatric Academic Societies meeting in San Francisco, CA, May 2017.
3. "Talking the Talk: Using podcasting to deliver educational curricula." Workshop Co-presenter. Presented at the COMSEP annual meeting in Denver, CO, April 2018.
4. "Podcasting for clinicians and medical educators: A hands on training." Workshop leader. Presented at the Pediatric Academic Societies meeting in Toronto, Canada, May 2018.

MEDIA AND TELEVISION APPEARANCES:

1. March 2, 2012, *Parents refusing vaccines*, Airtalk, KPCC, NPR, Los Angeles
2. April 27, 2012, *Teens drinking hand sanitizer*, Despierta America, Univision, Los Angeles
3. January 2, 2013, *RSV complications*, Telemundo News, KVEA, Los Angeles
4. November 26, 2013, *Toy Safety*, CHLA and CALPERG Holiday Press Conference
5. December 2, 2014, *Toy Safety*, CHLA and CALPERG Holiday Press Conference
6. August 12, 2015, *Children's Hospital LA Shares Check List For Kids' Safe Return To School*, KCBS, Los Angeles
7. August 13, 2015, *Children's Hospital Specialists Offer Back to School Tips*, Hoy, Los Angeles
8. August 18, 2015, *Don't text while walking and other school-safety tips*, Los Angeles Daily News
9. August 18, 2015, *It's Back To School Day For LAUSD, Tips To Get Your Kids Going*, FOX 11, Los Angeles
10. August 17, 2015, *Doctors Warn Parents of Spike in Accidents During Back-To-School Season*, ABC7, Los Angeles
11. August 19, 2015, *Necessary Adjustments for 'Going Back to School'*, San Fernando Valley Sun
12. November 24, 2015, *Toy Safety*, CHLA and CALPERG Holiday Press Conference
13. June 20, 2016, *Summer Safety*, ABC7, Los Angeles
14. January 20, 2017, *It's not too late to get a flu shot, say officials*, Health News, KPCC, NPR, Los Angeles
15. June 1, 2017, *Using Digital Technology and Media for Better Outcomes in Pediatric Medicine*, Innovation Unleashed Podcast with Dr. Alan Russell, Pittsburgh, PA
16. August 21, 2018, *Editing the Children's Menu*, Take 2, KPCC, NPR, Los Angeles
17. September 20th, 2018, *Children's Hospital Los Angeles-Led Consortium Awarded \$6.6 Million Grant by the FDA to Advance Pediatric Innovation*, BusinessWire, <https://www.businesswire.com/news/home/20180920005180/en/Children%E2%80%99s-Hospital-Los-Angeles-Led-Consortium-Awarded-6.6>
18. April 16th, 2019, *To steer her child away from obesity, a mother turns her life upside down*, Los Angeles Times, Los Angeles, <https://www.latimes.com/science/sciencenow/la-me-childhood-obesity-20190416-htmlstory.html>
19. May 20th, 2019, *Soon You Might Be Able to Diagnose Your Kid's Ear Infection With a Smartphone*, Medium.com, <https://elemental.medium.com/soon-you-might-be-able-to-diagnose-your-kids-ear-infection-with-a-smartphone-b21b25f7bbbb>
20. June 1st, 2019, *Obesity and Nutrition in the Latino Community*, Univision, Channel 34, Los Angeles, CA