

JULIANA BONILLA-VELEZ, MD.

*Division of Pediatric Otolaryngology, Seattle Children's Hospital
4800 Sand Point Way NE, Box 356515, Seattle WA 98195
Juliana.bonilla-velez@seattlechildrens.org, julibonilla@gmail.com
(617) 290 0144*

1. PERSONAL INFORMATION

Place of Birth: Cali, Colombia, South America
Title: Medical Doctor
Languages: Spanish, native speaker.
English, advanced.
Citizenship: Colombian
United States Lawful Permanent Resident

2. EDUCATION

1990 - 2004 Primary and secondary education: *Colegio Colombo Británico*, Cali, Colombia.
1- Academic Bachelor Degree with emphasis in science, international curriculum.
2- Bilingual diploma. International Baccalaureate Organization (IBO), Geneva, Switzerland.
Honors: Valedictorian.
2004 - 2011 Medical school: Program of Medicine and Surgery. **Universidad del Valle**, Cali, Colombia.
Honors: Class rank: 5th. Full scholarship for academic achievement for 4 semesters.

3. POSTGRADUATE TRAINING

2012 - 2013 Postdoctoral research fellow (non-degree). Mentor: James Rocco MD PhD. Area: Oropharyngeal cancer. **Massachusetts Eye and Ear Infirmary, Massachusetts General Hospital, Harvard Medical School, Boston, USA.**
2013 - 2018 Internship and Residency: Otolaryngology – Head and Neck Surgery. **University of Arkansas for Medical Sciences**, Little Rock, AR, USA.
Honors: Exemplary Senior Trainee Award, Highest Excellence in Scientific Presentation Award, Excellence in Pediatric Otolaryngology Award
2018 - 2019 Fellowship: Pediatric Otolaryngology. **Seattle Children's Hospital**, University of Washington, Seattle WA, USA.

4. FACULTY POSITIONS

2019 Assistant Professor. Department of Otolaryngology – Head and Neck Surgery. Seattle Children's Hospital, University of Washington, Seattle WA, USA. (To start October 2019).

5. HOSPITAL POSITIONS HELD

- 2019 Privileges Requested at Seattle Children's Hospital, University of Washington Medical Center, Harborview Medical Center. Department of Otolaryngology – Head and Neck Surgery. University of Washington, Seattle WA, USA. (To start October 2019).

6. HONORS/AWARDS

- 2019 **Fellow Award.** 2019 ASPO Annual Meeting "Healthier Children: A Better World". **American Society of Pediatric Otolaryngology (ASPO).** Awarded to the best research manuscript by a current Pediatric Otolaryngology fellow.
- 2018 **Highest Excellence in Scientific Presentation Award.** Floyd Kyser, M.D. 25th Annual Resident Research and Alumni Conference. Department of Otolaryngology- Head and Neck Surgery. University of Arkansas for Medical Sciences.
- 2017 **Exemplary Senior Trainee Award.** Women in Otolaryngology (WIO) Section, **American Academy of Otolaryngology – Head and Neck Surgery (AAO-HNS).** Recognizes an outstanding female senior resident or fellow in an Otolaryngology-Head and Neck Surgery training program who demonstrates excellence in leadership, research, education, and/or mentoring.
- 2017 **Alpha Omega Alpha Honor Medical Society.** Professional medical organization that recognizes and advocates for excellence in scholarship and the highest ideals in the profession of medicine. Their values include honesty, honorable conduct, morality, virtue, unselfishness, ethical ideals, dedication to serving others, and leadership. Members have a compelling drive to do well and to advance the medical profession and exemplify the highest standards of professionalism. More than fifty Nobel Prize winners in Physiology or Medicine, and in Chemistry, have been AOA members.
- 2017 **The Seymour R. Cohen Award for Pediatric Laryngology and Broncho-Esophagology.** 97th Annual Meeting of the American Broncho-Esophagological Association at the Combined Otolaryngology Spring Meetings (COSM). Presented to a resident, fellow or practicing physician for the best original paper in basic research or clinical investigation pertaining to pediatric laryngology and broncho-esophagology. For the paper: Sun R, Bonilla-Velez J, Johnson AB, Richter GT. Eosinophilic Esophagitis in Children Under the Age of 5 years: Clinical Characteristics.
- 2017 Resident Leadership Grant. 2017 Annual Meeting & OTO Expo. American Academy of Otolaryngology, Head and Neck Surgery Foundation. Chicago, IL, USA.
- 2016 Charles M. Bower M.D. **Excellence in Pediatric Otolaryngology Award.** Department of Otolaryngology- Head and Neck Surgery, Division of Pediatric Otolaryngology. Arkansas Children's Hospital and University of Arkansas for Medical Sciences.
- 2016 First Place. Resident Research Presentation: 2016 Internal Medicine Poster Competition, University of Arkansas for Medical Sciences. Poster: Davis KA, Edgar-Zarate C, Bonilla-Velez J, Atkinson TN, Tulunay Ugur O, Agarwal A. Utilizing Simulation to Enhance Knowledge and Skill in Management of Tracheostomy and Laryngectomy.
- 2016 Honorable Mention. Johns Hopkins General Internal Medicine Housestaff Research Awards. Abstract: Davis KA, Edgar-Zarate C, Bonilla-Velez J, Atkinson TN, Tulunay Ugur O, Agarwal A. Utilizing Simulation to Enhance Knowledge and Training of Medical Residents Caring for Patients with Tracheostomy and Laryngectomy.
- 2016 Resident Leadership Grant. 2016 Annual Meeting & OTO Expo. American Academy of Otolaryngology, Head and Neck Surgery Foundation. San Diego, CA, USA.
- 2015 **Excellence in Scientific Presentation Award.** J. Floyd Kyser, M.D. 22nd Annual Resident Research and Alumni Conference. Department of Otolaryngology- Head and Neck Surgery. University of Arkansas for Medical Sciences.

- 2015 Resident Leadership Grant. 2015 Annual Meeting & OTO Expo. American Academy of Otolaryngology, Head and Neck Surgery Foundation. Dallas, TX, USA.
- 2012 **Latin American Initiative Program. Harvard Medical School**, Department of Continuing Education. Position awarded to 8 physicians from Latin America identified as future clinician investigators who will become leaders for international collaboration in medical research and education.
- 2011 Class rank: 5th. Program of Medicine and Surgery. *Universidad del Valle*, Cali, Colombia.
- 2011 Second best Colombian National Higher Education Quality Assessment Examination (Saber Pro – ECAES). Graduating class 2011. Program of Medicine and Surgery. *Universidad del Valle*, Cali, Colombia. Included in list of Best Scores in the country for the period 2011-1.
- 2011 Honorable member. Scientific Association of Medical Students of *Universidad del Valle*, (ACEMVAL), Cali, Colombia. Highest recognition given to someone who has made an outstanding contribution to the Association.
- 2010 Honorable mention for high quality research. National Contest of Original Research. Presentation: “Pivotal Role of Kruppel-like factor 11 in Injury-related Carcinogenesis”. XXI Colombian Student Congress on Medical Investigation, (CECIM). Colombian Association of Medical Student Scientific Societies (ASCEMCOL). *Universidad Autonoma de Bucaramanga*, Bucaramanga, Colombia.
- 2008 First place. National Contest of Original Research. Presentation: “Diagnostic Process for Breast Cancer in Two Institutions of Cali, Colombia”. XIX Colombian Student Congress on Medical Investigation, (XIX CECIM). Colombian Association of Medical Student Scientific Societies (ASCEMCOL). *Universidad del Tolima*, Ibague, Colombia.
- 2004-2006 Full scholarship for academic achievement. Program of Medicine and Surgery. *Universidad del Valle*, Cali, Colombia. Awarded to the top five grade point averages per class per semester. Awarded for 4 semesters.
- 2004 Class valedictorian. Graduating class 2004. *Colegio Colombo Britanico*, Cali, Colombia.
- 2004 Highest grade on IBO Diploma Program. Graduating class 2004. *Colegio Colombo Britanico*, Cali, Colombia.
- 2004 Excellency Award for Academic Merit and Ethical Principles. Graduating class 2004. *Universidad Autonoma de Occidente* and *Colegio Colombo Britanico*, Cali, Colombia.
- 2004 Recognition for the excellent Grade Point Average and outstanding participation in national mathematics events. Department of Mathematics and Principal’s Office. *Colegio Colombo Britanico*, Cali, Colombia.
- 2004 Award to the most academically outstanding student. Award to the most responsible student. Graduating Class 2004. Student Council, *Colegio Colombo Britanico*, Cali, Colombia.
- 2002 Second place. Team of the *Colegio Colombo Britanico*. National Group Competition. National Mathematical Olympiad. *Universidad Antonio Nariño*. Bogotá, Colombia.

7. BOARD CERTIFICATION

- 2019 Certified as a Diplomat of the American Board of Otolaryngology-Head and Neck Surgery (ABOHNS). Certificate Number 24129.

8. LICENSURE

- 2019 Washington State Physician & Surgeons License (Application submitted).
- 2018-2019 Washington State Limited Physician & Surgeons License (7/1/2018 – 7/31/2019).
- 2012 ECFMG Certification. June 25, 2012.

9. PROFESSIONAL ORGANIZATIONS

- 2019 to date Fellow Member. American Society of Pediatric Otolaryngology (ASPO). USA.
- 2017 to date Member. **Alpha Omega Alpha Honor Medical Society (AOA)**. USA.
- 2017 to date Member. Interamerican Association of Pediatric Otorhinolaryngology (IAPPO). Largest international existing pediatric otorhinolaryngologic society.
- 2017 to date Member. American Society of Geriatric Otolaryngology. USA.
- 2017 to date Member. American Society for Laser Medicine and Surgery. USA.
- 2016 to date Member. The American Broncho-Esophagological Association (ABEA). USA.
- 2016 to date Member. The American Laryngological, Rhinological and Otological Society, Inc. Aka The Triological Society. USA.
- 2013 to date Member. American Academy of Otolaryngology – Head and Neck Surgery (AAO-HNS). www.entnet.org
- 2012 to date Member and alumni. International Federation of Medical Students’ Associations (IFMSA). www.ifmsa.org
- 2006 to date Honorary member. Scientific Association of Medical Students of the *Universidad del Valle*, (ACEMVAL). <http://acemval.univalle.edu.co>
- 2017 - 2018 Member. Arkansas Medical Society. USA.
- 2017 - 2018 Associate Member. Arkansas Society of Otolaryngology-Head and Neck Surgery (ASOHNS).
- 2012 - 2015 Associate member. World Medical Association. www.wma.net
- 2006 - 2013 Member. Colombian Association of Medical Student Scientific Societies (ASCEMCOL). <https://issuu.com/ascemcol>
- 2011 - 2013 Member. Latin American Federation of Medical Students’ Scientific Societies (FELSOCEM). www.felsocem.net

10. TEACHING AND MENTORING RESPONSIBILITIES

a. MEDICAL STUDENTS

- 2016 Mariah Small. University of Arkansas for Medical Sciences.
- 2017 Brendan P. Moore. University of Arkansas for Medical Sciences.
- 2018 Samia Nawaz. University of Arkansas for Medical Sciences.

b. RESIDENTS

- 2019 Grace Wandell. University of Washington.

c. INVITED TALKS

- 2019 “Anatomy and Workup of Neck Masses”, “Anatomy, Physiology and Diseases of the Oral Cavity and Salivary Glands”, “Tonsil and Adenoid Surgery”, and “Life-Threatening Complications of Head and Neck Disease”. Invited Professor. Otorhinolaryngology Course. School of Medicine. Hope Africa University. Bujumbura, Burundi.

- 2018 “International Young Physicians Forum Meeting”. Directed by: **Juliana Bonilla-Velez**, Stefania Goncalves. Co-sponsored by the Section for Residents and Fellows and the Young Physicians Section. Session at the American Academy of Otolaryngology-Head and Neck Surgery Foundation, 2017 Annual Meeting & OTO EXPO, Chicago, IL, USA.
- 2018 “You've Matched! Whats Next?”. Invited Speaker for International Live Facebook Event. CSurgeries Facebook Page.
- 2017 “Diversity in Medicine and Otolaryngology”. Grand Rounds. Supervising Professor: Alyssa Kanaan. Department of Otolaryngology, Head and Neck Surgery. University of Arkansas for Medical Sciences, Little Rock, AR, USA.
- 2017 “Contemporary Management of Pediatric Vascular Tumors of the Head and Neck”. Grand Rounds. Supervising Professor: Larry Hartzell. Department of Otolaryngology, Head and Neck Surgery. University of Arkansas for Medical Sciences, Little Rock, AR, USA.
- 2017 “Applying for surgical subspecialties”. Invited Speaker. UAMS Neurosurgery Interest Group.
- 2017 “Residency Panel”. Invited Speaker. SPARK Initiative – Start Pave Aspire Rise Know. Organization that motivates high school girls to pursue scientific and medical careers.
- 2017 “International Young Physicians Forum Meeting”. Directed by: **Juliana Bonilla-Velez**, Stefania Goncalves, Jeffrey Liu. Co-sponsored by the Section for Residents and Fellows and the Young Physicians Section. Session at the American Academy of Otolaryngology-Head and Neck Surgery Foundation, 2017 Annual Meeting & OTO EXPO, Chicago, IL, USA.
- 2017 “Orientation for Traveling International Attendees”. Podcast. Panelists: **Juliana Bonilla-Velez**, Stefania Goncalves, Jeffrey Liu, Pete Vila, Claire Lawlor, Amanda Hu. Co-sponsored by the Section for Residents and Fellows and the Young Physicians Section. American Academy of Otolaryngology-Head and Neck Surgery Foundation.
- 2016 “Intraoperative Neural Monitoring in Thyroid Surgery”. **Miniseminar**. Panelists: **Juliana Bonilla-Velez**, Louise Davies, Gregory Randolph, Sean Lewis, Brendan Stack, Amy Chen. Co-sponsored by the Section for Residents and Fellows and the Endocrine Committee. American Academy of Otolaryngology-Head and Neck Surgery Foundation, 2016 Annual Meeting & OTO EXPO, San Diego, CA, USA.
- 2016 “Evidence-Based Medicine in Otolaryngology”. Grand Rounds. Supervising Professor: Ozlem E. Tulunay-Ugur. Department of Otolaryngology, Head and Neck Surgery. University of Arkansas for Medical Sciences, Little Rock, AR, USA.

11. EDITORIAL RESPONSIBILITIES

- 2018 to date **Peer-Reviewer**. PLoS One. Journal of the Public Library of Science. San Francisco, CA, USA.
- 2017 External Peer-Reviewer. **Clinical Practice Guideline Update: Tonsillectomy in Children**. American Academy of Otolaryngology-Head and Neck Surgery (AAO-HNS), USA. A multidisciplinary guideline that aims to identify quality improvement opportunities in managing children under consideration for tonsillectomy and to create explicit and actionable recommendations to implement these opportunities in clinical practice. Specifically, the goals are to educate clinicians and patients regarding the indications for tonsillectomy and the favorable natural history of recurrent throat infections.
- 2016 to date **Peer-Reviewer**. *OTO Open*. Journal of the American Academy of Otolaryngology-Head and Neck Surgery, USA.
- 2015 to date **Peer-Reviewer**. *Otolaryngology-Head and Neck Surgery*. Journal of the American Academy of Otolaryngology-Head and Neck Surgery, USA.
- 2014 to date Member of the **Editorial Board**. International Journal of Medical Students, IJMS.

2009 - 2013 **Founder**, Associate Editor and **Editor in Chief**. **International Journal of Medical Students, IJMS**. Created and registered the journal, consolidated the editorial board, editors, advisors, mentors from over 30 countries. Elaborated the Editorial Process, Instructions for Authors, Submission Walkthrough, Corporate Image, Prospectus, Sponsorship Proposal and Call for Papers. Carried out the editorial process for first volume (2013). Completed first year of publication as Editor in Chief.

12. NATIONAL AND INTERNATIONAL LEADERSHIP RESPONSIBILITIES

- 2019 **Co-Director**. Otorhinolaryngology Course. School of Medicine. Hope Africa University. Bujumbura, Burundi.
- 2018 to date **Chair. Governing Council, Section for Residents and Fellows-in-training**. American Academy of Otolaryngology – Head and Neck Surgery (AAO-HNS), USA.
- 2017 - 2018 **Member. Panamerican Committee**. American Academy of Otolaryngology-Head and Neck Surgery, USA.
- 2017 to date **Member. Task Force: Neural Monitoring for Head, Neck, and Thyroid Surgery**. American Academy of Otolaryngology-Head and Neck Surgery (AAO-HNS), USA. It aims to develop the official Academy's nerve monitoring position statement, an *Otolaryngology– Head and Neck Surgery* journal summary paper, and other Academy/Foundation education products to guide the specialty in this exciting new field.
- 2017 - 2018 **Member. Pediatric Otolaryngology Committee**. American Academy of Otolaryngology-Head and Neck Surgery, USA. Advises the Board of Directors and recommend policy on matters pertaining to the care of children with otolaryngologic disorders. The Committee shall seek to develop and endeavor to maintain communication with physicians or groups of physicians or others who are involved in the care of children with disorders involving the head and neck. The committee will also be responsible for the review, validation, and approval of requests to survey the AAO-HNS membership on topics related to pediatric medicine, as assigned.
- 2017 -2018 **Vice-Chair. Governing Council, Section for Residents and Fellows-in-training**. American Academy of Otolaryngology – Head and Neck Surgery (AAO-HNS), USA.
- 2017 **Director**. “Member Match Program”. American Academy of Otolaryngology-Head and Neck Surgery Foundation Annual Meeting & OTO EXPO. Chicago, IL, USA. Program that matched international attendees with Academy members who served as a contact person before and during the meeting. Helped cultivate ties of friendship and collaboration among Otolaryngologists worldwide.
- 2016 -2017 **Information Officer. Governing Council, Section for Residents and Fellows-in-training**. American Academy of Otolaryngology – Head and Neck Surgery (AAO-HNS), USA. Obtained the program resident representative of 97% of allopathic, osteopathic and military otolaryngology residencies in the US, created the figure of international program representatives, created the Member Match Program for international attendees to the AAOHNS Annual Meeting 2017, and participated in activities for international attendees to the meeting.
- 2016 - 2018 **Resident Liason**. Board of Directors. The American Broncho-Esophagological Association (ABEA). USA.
- 2015 - 2017 **International Medical Graduate Resident Physician Director. Board of Directors. National Resident Matching Program (NRMP)**. 2 years. Washington, DC, USA.
Representative of IMG's and one of three residents on the board for all specialties. Contributed to Board discussions on current topics in Graduate Medical Education, shaping NRMP policy and review of cases in the Violations Committee.
- 2015 - 2016 **Member at Large. Governing Council, Section for Residents and Fellows-in-training**. American Academy of Otolaryngology– Head and Neck Surgery (AAO-HNS), USA. Coordinated all mini-seminar submissions for the section to the AAO-HNS Annual Meeting. Presented the Miniseminar listed under section 5, b.
- 2011 - 2013 **President** (2 years) and member of the Advisory Committee. Colombian Association of Medical Student Scientific Societies (ASCEMCOL).
Serve as primary consultant for the Association.

- 2011 - 2012 Member of the Advisory Committee. Latin American Federation of Medical Students' Scientific Societies (FELSOCEM). President of the Committee for 2012-2013. Serve as consultant for the Federation.
- 2010 Colombian national delegate. Colombian Association of Medical Student Scientific Societies (ASCEMCOL). 59th General Assembly March Meeting. International Federation of Medical Students' Associations (IFMSA). Bangkok, Thailand. Participated in standing committee on professional exchange, research exchange, and general assembly.
- 2009 - 2010 Treasurer, Colombian Association of Medical Student Scientific Societies (ASCEMCOL). Set up the accounting files, managed finances and performed other duties of the Directive Board.
- 2008 - 2009 Vice-president of External Affairs. Colombian Association of Medical Student Scientific Societies (ASCEMCOL). Redesigned the corporate image and video of the association, defined the structure and content for the website, supervised the organization of two CECIM, and performed other duties of the Directive Board.
- 2008 Colombian national delegate. Colombian Association of Medical Student Scientific Societies (ASCEMCOL). XXIII CCI, Latin American Federation of Medical Students' Scientific Societies (FELSOCEM), Chile.
- 2008 Colombian national delegate. Colombian Association of Medical Student Scientific Societies (ASCEMCOL). 57th General Assembly August Meeting. International Federation of Medical Students' Associations (IFMSA). Ocho Rios, Jamaica.
- 2007 - 2008 Vice-president - VP. Colombian Association of Medical Student Scientific Societies (ASCEMCOL). Supervised the organization of the XIX CECIM and performed other duties of the Directive Board.
- 2006 - 2007 Co-director organization committee. XVIII Colombian Student Congress on Medical Investigation (CECIM). *Universidad del Valle*, Cali, Colombia. Secured the speakers including Alternative Nobel Prize Manfred Max-Neef, obtained sponsorship from 5 companies (Approximately \$4,800 USD), designed corporate image and coordinated participation from 12 medical schools in the country. Organized the events including the 18th national competition of original research and protocols, first medical photograph competition and cultural performances.

13. LOCAL LEADERSHIP RESPONSIBILITIES

- 2017 - 2018 Member. **Educators Academy**. University of Arkansas for Medical Sciences. Little Rock, AR, USA.
- 2017 Co-Director. Oral, Head and Neck Cancer Screening. University of Arkansas for Medical Sciences. Little Rock, AR, USA.
- 2016 Clinical Learning Environment Review (CLER). Accreditation Council for Graduate Medical Education (ACGME). University of Arkansas for Medical Sciences.
- 2015 to date Otolaryngology-Head and Neck Surgery Program Representative. Resident Council. University of Arkansas for Medical Sciences (UAMS). 2 terms of 1 year. Little Rock, AR, USA.
- 2014 - 2015 Program Representative to the Section of Residents and Fellows-in-training. American Academy of Otolaryngology - Head and Neck Surgery (AAO-HNS), USA.
- 2012 - 2013 Staff team. Clinical Research Fellow Practice Workshop, Harvard Medical School, USA. Responsible for administrative duties with the program. Former "Latin American Initiative Program".
- 2011 to date Honorary Member. Scientific Association of Medical Students of *Universidad del Valle*, (ACEMVAL). Colombia. Highest recognition given by the Association. Serve as primary consultant.
- 2010 Vice-President. XV Update Conference on General Medicine. *Universidad del Valle*, Cali, Colombia. Guided the scientific, logistics, communications and finance committees.
- 2006 - 2007 President. Scientific Association of Medical Students of the *Universidad del Valle*, (ACEMVAL), Cali, Colombia. Created 5 student research groups with faculty guidance; organized the most important national medical

student research event (XVIII CECIM); obtained institutional support from the medical school and University.

14. RESEARCH GRANTS

None.

15. PUBLICATIONS

a. PUBLICATIONS IN REFEREED JOURNALS

1. Moreno MA, **Bonilla-Velez J**.* Clinical pathway for abbreviated postoperative hospital stay in free tissue transfer to the head and neck: Impact in resource utilization and surgical outcomes. *Head Neck*. 2019 Jan 16. PMID: 30652368. ***Co-first authorship.**
2. Koenigs MB, Lefranc-Torres A, **Bonilla-Velez J**, Patel KB, Hayes DN, Glomski K, Busse PM, Chan AW, Clark JR, Deschler DG, Emerick KS, Hammon RJ, Wirth LJ, Lin DT, Mroz EA, Faquin WC, Rocco JW. Association of Estrogen Receptor Alpha Expression with Survival in Oropharyngeal Cancer following Chemoradiation Therapy. *J Natl Cancer Inst*. 2019 Jan 31. PMID: 30715409.
3. Davis KA, Edgar-Zarate C, **Bonilla-Velez J**, Atkinson TN, Tulunay-Ugur O, Agarwal A. Utilizing Simulation to Enhance Knowledge and Training of Medical Residents Caring for Patients with Tracheostomy and Laryngectomy. *Simulation in Healthcare*. (Accepted).
4. Meister KD, Vila PM, **Bonilla-Velez J**, Orloff L, Sebelik M. Current Experience of Ultrasound Training in Otolaryngology Residency Programs. *J Ultrasound Med*. *J Ultrasound Med*. 2018 Aug 12. PMID: 30099758.
5. **Bonilla-Velez J**, Small M, Bonilla-Escobar FJ, Sharum M, Tulunay-Ugur OE. Voice and Swallowing Outcomes of Unilateral Vocal Fold Paralysis: Comparing Younger Adult and Geriatric Patients. *Otolaryngol Head Neck Surg*. 2018 May;158(5):904-911. PMID: 29533712
6. Page JC, Cox M, Hollowo B, **Bonilla-Velez J**, Trinidad A, Dornhoffer JL. Trends in Intraoperative Testing during Cochlear Implantation. *Otol Neurotol*. 2018 Mar;39(3):294-298. PMID: 29342036
7. Bonilla-Escobar FJ, **Bonilla-Velez J**, Tobon-Garcia D, Angel-Isaza AM. Medical Student Researchers in Colombia and Factors Influencing Publications: A Cross-Sectional Study. *BMC Medical Education*. (2017) 17:254. PMID: 29246229.
8. Sun RW, **Bonilla-Velez J**, Pesek RD, Johnson AB, Cleves MA, Richter GT. Eosinophilic Esophagitis in Children Under the Age of 5 Years: Clinical Characteristics. *Laryngoscope*. 2017 Sep 2. doi: 10.1002/lary.26838. PMID: 28865084.
9. **Bonilla-Velez J**, Small M, Urrutia R, Lomberk GA. The Enduring Value of Research in Medical Education. *Int J Med Students*. *Int J Med Students*. 2017 Jan-Apr;5(1). (Review)
10. **Bonilla-Velez J**, Marin-Cuero DJ. The Use Of Activated Charcoal For Acute Poisonings. *Int J Med Students*. 2017 Jan-Apr;5(1). (Review)
11. Boyette JR, Pemberton JD, **Bonilla-Velez J**. Management of Orbital Fractures: Challenges and Solutions. *Clin Ophthalmol*. 2015 Nov 17;9:2127-37. PMID: 26604678. (Review)
12. **Bonilla-Velez J**, Mroz E, Hammon RJ, Rocco JW. Impact of HPV on Oropharyngeal Cancer Biology and Response to Therapy: Implications for Treatment. *Otolaryngol Clin North Am*. 2013;46(4):521-43. PMID: 23910468. (Review)
13. Bonilla-Escobar FJ, Rojas-Mírquez JC, Mondragón-Cardona A, **Bonilla-Velez J**. Bibliometric Studies in CIMEL: A Latin-American Medical Student Journal and the Future of Bibliometric Publications. *Int J Med Students*. 2013;1(3):115-9.
14. Bonilla-Escobar FJ, **Bonilla-Velez J**, Angel-Isaza AM, Ortega-Lenis D. [Development and Validation of a Questionnaire for Medical Student Researchers in Colombia]. *[Archivos de Medicina]*. 2013;9(1):1-8. Spanish. DOI: 10.3823/093.

15. Lomberk G, Mathison AJ, Grzenda A, Seo S, DeMars CJ, Rizvi S, **Bonilla-Velez J**, Calvo E, Fernandez-Zapico ME, Iovanna J, Buttar NS, Urrutia R. Sequence-specific Recruitment of Heterochromatin Protein 1 via Interaction with Kruppel-like Factor 11, a Human Transcription Factor Involved in Tumor Suppression and Metabolic Diseases. *J Biol Chem*. 2012 Apr 13;287(16):13026-39. PMID: 22318730.
16. Buttar NS, DeMars CJ, Lomberk G, Rizvi S, **Bonilla-Velez J**, Achra S, Rashtak S, Wang K, Fernandez-Zapico ME, Urrutia R. Distinct Role of Kruppel-like Factor 11 in the Regulation of Prostaglandin E2 Biosynthesis. *J Biol Chem*. 2010 Apr 9;285(15):11433-44. PMID: 20154088.

b. BOOK CHAPTERS

1. Randolph GW, Liddy W, **Bonilla-Velez J**. Principles in Thyroid Surgery. In: Randolph G, ed. Surgery of the Thyroid and Parathyroid Glands. Philadelphia, PA: Saunders. (Submitted. For upcoming Third Edition).

c. PUBLISHED BOOKS, VIDEOS AND SOFTWARE

1. Liles J, **Bonilla-Velez J**, Richter G. Excision of Thyroglossal Duct Cyst. *CSurgeries*. 2016 Jul 19. Online peer-reviewed surgical video journal. (Video). DOI: <http://dx.doi.org/10.17797/oelc9n6wlc#sthash.CAlJlivo.dpuf>.

d. OTHER PUBLICATIONS

1. **Position Statement:** AAOHNS Cranial Nerve Monitoring Task Force. (April 2018). Intraoperative Cranial Nerve Monitoring in Otolaryngology-Head and Neck Surgery. AAOHNS. Position Statements. Retrieved from: <https://www.entnet.org/content/position-statements>.
2. Editorial: **Bonilla-Velez J**, Peña-Oscuivilca A, Sahin I, Cordoba-Grueso WS, Fernandez-Zapico ME. The International Journal of Medical Students (IJMS), a New Platform for Medical Student Publications Worldwide. *Int J Med Students*. 2013;1(1):6-7.
3. Editorial: Glavey SV, Sahin I, Bonilla-Escobar FJ, **Bonilla-Velez J**. Training for Translation – The Physician Scientist’s Career Path. *Int J Med Students*. 2013;1(3):102-3.
4. Artists’ Corner: Gharaibeh A, **Bonilla-Velez J**. Artist Featured in Volume 1 IJMS: Rebecca Plummer-Rohloff, PhD. *Int J Med Students*. 2013;1(3):137.
5. Letter to the editor: Bonilla-Escobar FJ, **Bonilla-Velez J**, Restrepo-Osorio S. [Problems of Research and Opportunities for its Development from the Revista Medical de Risaralda]. [*Revista Medica de Risaralda*] 2012;18(2):185-186. Spanish.
6. Letter to the editor: Bonilla-Escobar FJ, **Bonilla-Velez J**, Lopez-Castillo CA. [Medical Student Research: Perspective from Colombia]. *CIMEL* 2010;15(2):94. Spanish.
7. Practice Guideline: **Bonilla J**, Rojas M. Gastrointestinal Decontamination Guidelines: Activated Charcoal. 2008. Located at: Practice guidelines for the *Hospital Universitario del Valle*, Cali, Colombia. Spanish.

e. MANUSCRIPTS SUBMITTED

1. **Bonilla-Velez J**, Moore BP, Richter GT. Surgical Management of Macrocystic Lymphatic Malformations of the Head and Neck: Survival Analysis and Long-Term Outcomes. *Int J Ped Otolaryngology*. (Submitted).
2. Liu CC, Soares JJ, Elder L, Hill L, Abts M, **Bonilla-Velez J**, Dahl JP, Johnson KE, Ong T, Striegl AM, Whitlock K, Parikh SR. Surveillance endoscopy after tracheostomy placement in children: Findings and interventions. *Laryngoscope*. (Accepted).

f. ABSTRACTS

1. **Bonilla-Velez J**, Whitlock K, Ganti S, Zenner K, Theeuwens HA, Manning S, Bly RA, Dahl JP, Perkins JA. Selecting the Right Patient for the Right Treatment: Active Observation vs. Invasive Treatments for Pediatric Head and Neck Lymphatic Malformations. Annual Meeting American Society for Pediatric Otolaryngology (ASPO) 2019 , Austin TX.
2. **Bonilla-Velez J**, Whitlock K, Ganti S, Mitchell R, Dobyns WB, Bly RA, Dahl JP, Bennett J, Perkins JA. Acetylsalicylic Acid Suppression of PIK3CA Pathway as a Novel Medical Therapy for Head and Neck Lymphatic Malformations. Annual Meeting American Society for Pediatric Otolaryngology (ASPO) 2019 , Austin TX.
3. **Bonilla-Velez J**, Hill ZB, Bly RA, Evans KN, Whitlock K, Lee V, Perkins JA. Airway Endoscopy Findings Associated with Definitive Airway Surgery in Infants with Robin Sequence. Annual Meeting American Society for Pediatric Otolaryngology (ASPO) 2019 , Austin TX.
4. Liu CC, Soares JJ, Elder L, Hill L, Abts M, **Bonilla-Velez J**, Dahl JP, Johnson KE, Ong T, Striegl AM, Whitlock K, Parikh SR. Surveillance endoscopy after tracheostomy placement in children: Findings and interventions. Annual Meeting American Society for Pediatric Otolaryngology (ASPO) 2019 , Austin TX.
5. **Bonilla-Velez J**, Small M, Tulunay-Ugur OE. Management of Unilateral Vocal Fold Paralysis in Geriatric Patients: Voice Outcomes. 97th Annual Meeting of the American Broncho-Esophagological Association at the Combined Otolaryngology Spring Meetings (COSM). Available at: <http://www.abea.net/97thannualmeeting/>.
6. Sun R, **Bonilla-Velez J**, Johnson AB, Richter GT. Eosinophilic Esophagitis in Children Under the Age of 5 years: Clinical Characteristics. 97th Annual Meeting of the American Broncho-Esophagological Association at the Combined Otolaryngology Spring Meetings (COSM). Available at: <http://www.abea.net/97thannualmeeting/>.
7. Small LT, **Bonilla-Velez J**, Vural E, Moreno MA. Venous Flow Coupler Use in Head and Neck Free Flaps. American Academy of Otolaryngology-Head and Neck Surgery 2017 Annual Meeting & OTO Experience. *Otolaryngol Head Neck Surg*. Available at: <http://journals.sagepub.com/doi/pdf/10.1177/0194599817717251b>.
8. **Bonilla-Velez J**, Small M, Van Hemert R, Fitzgerald R, Moreno MA. Computed Tomography for Prediction of Extracapsular Spread in Oral and Oropharyngeal Squamous Cell Carcinoma, a Comparative Analysis. *JAMA Otolaryngol Head Neck Surg*. Presentation S250. Available at <http://ahns.jnabstracts.com/2016/>.
9. **Bonilla-Velez J**, Moreno MA. Clinical Pathway for Head and Neck Reconstruction with Free Flaps. Impact in Resource Utilization and Surgical Outcomes. *JAMA Otolaryngol Head Neck Surg*. Presentation S233. Available at <http://ahns.jnabstracts.com/2014/>.
10. Lomberk G, Ilyas S, Mathison A, Conde-Perez A, **Bonilla J**, Demars C, Buttar N, Urrutia R. KLF11 Complexes With the Epigenetic Gene Silencer Protein, HP1 to Mediate Tumor Suppressor Activities. *Pancreas* 2008, 37:481.
11. **Bonilla-Velez J**, Bonilla-Escobar FJ. Diagnostic Process for Breast Cancer in Two Health Institutions of Cali, Colombia. *CIMEL* 2008 Vol. 13 Supplement 1-2008. Spanish.

g. UPCOMING PUBLICATIONS

1. **Bonilla-Velez J**, Whitlock K, Ganti S, Zenner K, Theeuwens HA, Manning S, Bly RA, Dahl JP, Perkins JA. Selecting the Right Patient for the Right Treatment: Active Observation vs. Invasive Treatments for Pediatric Head and Neck Lymphatic Malformations. *JAMA Otolaryngol Head Neck Surg*. (Pending Submission).
2. **Bonilla-Velez J**, Whitlock K, Ganti S, Mitchell R, Dobyns WB, Bly RA, Dahl JP, Bennett J, Perkins JA. Acetylsalicylic Acid Suppression of PIK3CA Pathway as a Novel Medical Therapy for Head and Neck Lymphatic Malformations. *JAMA Otolaryngol Head Neck Surg*. (Pending Submission).
3. **Bonilla-Velez J**, Hill ZB, Bly RA, Evans KN, Whitlock K, Lee V, Perkins JA. Airway Endoscopy Findings Associated with Definitive Airway Surgery in Infants with Robin Sequence. *JAMA Otolaryngol Head Neck Surg*. (Pending Submission).

3. **Bonilla-Velez J**, Cottrill EE, Vural EA, Moreno MA. Predictors for Neck Recurrence in Early Stage (T1-T2 No) Squamous Cell Carcinoma of the Oral Tongue. *Ear Nose Throat J.* (Submitted).
4. **Bonilla-Velez J**, Ederle A, Small M, Van Hemert R, Fitzgerald R, Moreno MA. Computed Tomography for Prediction of Extracapsular Spread in Oral and Oropharyngeal Squamous Cell Carcinoma, a Comparative Analysis. *Head Neck.* (Pending Submission).
5. Vila PM, **Bonilla-Velez J**, Lawlor CM, Valenzuela C, Judge P, Smith M, Wilson M, Overdeest J. Emotional Intelligence in Residency Training: A Systematic Review. (Pending Submission).
6. Small LT, Williamson A, **Bonilla-Velez J**, Vural EA, Moreno M. Clinical Evaluation of Venous Flow Coupler Use in Head and Neck Free Flap Reconstruction. *Otolaryngol Head Neck Surg.* (Pending Submission).
7. Scharpf J, Sinclair C, Singer M, Zirkle W, Orloff L, Steward D, **Bonilla-Velez J**, Liu J, Randolph GW. Intraoperative Cranial Nerve Monitoring in Otolaryngology-Head and Neck Surgery: State of the Art Review. *Otolaryngol Head Neck Surg.* (Pending Submission).
8. **Bonilla-Velez J**, Vila PM, Valenzuela CV, Galaiya D, Farzal Z, Lee J, Zhan K, Truong K, Whitlock KB, Kanaan A. Emotional Intelligence in Otolaryngology Head and Neck Surgery Trainees, Results from the TEIQue Questionnaire. *Otolaryngol Head Neck Surg.* (Pending Submission).

h. POSTERS

1. **Bonilla-Velez J**, Evans KN, Bly RA, Friedman S, Otjen J, Zentz T, Ghioni V, Perkins JA, Dahl JP. Implementation of a 4-Dimensional Computed Tomography Protocol in the Evaluation of Infants with Robin Sequence. Annual Meeting American Society for Pediatric Otolaryngology (ASPO) 2019 , Austin TX.
2. **Bonilla-Velez J**, Small M, Tulunay-Ugur OE. Management of Unilateral Vocal Fold Paralysis in Geriatric Patients: Voice Outcomes. 97th Annual Meeting of the American Broncho-Esophagological Association at the Combined Otolaryngology Spring Meetings (COSM). Poster presenter: Tulunay-Ugur OE.
3. Gaffey MM, Lee M, Johnson AB, **Bonilla-Velez J**, Richter GT. Tonsillectomy Outcomes at a Tertiary Care Pediatric Hospital: A Single Year Experience. American Society of Pediatric Otolaryngology (ASPO) 2017 Annual Meeting, Austin, TX, USA. Presenter: Gaffey MM.
4. Davis KA, Edgar-Zarate C, **Bonilla-Velez J**, Atkinson TN, Tulunay-Ugur O, Agarwal A. Utilizing Simulation to Enhance Knowledge and Skill in Management of Tracheostomy and Laryngectomy. Association for Hospital Medical Education Institute Annual Meeting 2017, New Orleans, LA, USA. Poster presenter: Davis KA.
5. Davis KA, Edgar-Zarate C, **Bonilla-Velez J**, Atkinson TN, Tulunay-Ugur O, Agarwal A. Utilizing Simulation to Enhance Knowledge and Skill in Management of Tracheostomy and Laryngectomy. 2016 Internal Medicine Poster Session, University of Arkansas for Medical Sciences. October 4th 2016. Poster presenter: Davis KA.
6. Davis KA, Edgar-Zarate C, **Bonilla-Velez J**, Atkinson TN, Tulunay Ugur O, Agarwal A. Utilizing Simulation to Enhance Knowledge and Skill in Management of Tracheostomy and Laryngectomy. Meeting of the Arkansas Chapter of the American College of Physicians. October 21st 2016. Poster presenter: Davis KA.
7. **Bonilla-Velez J**, Small M, Bonilla-Escobar FJ, Sharum M, Tulunay-Ugur OE. Voice and Swallowing Outcomes of Unilateral Vocal Fold Paralysis. American Laryngological Association (ALA) at the Combined Otolaryngology Spring Meetings (COSM). May 18-19, 2016. Chicago, Illinois. Poster presenter: Tulunay-Ugur OE.
8. Lomberk G, Ilyas S, Truty MJ, **Bonilla J**, Demars C, Buttar N, Urrutia R. KLF11 Utilizes the Epigenetic Gene Silencer Protein, HP1 to Mediate Tumor Suppressor Activities. First International Symposium on the Biology of the Kruppel-like Factors. Tokyo, Japan. 2008. Poster presenter: Lomberk G.

16. SCIENTIFIC ORAL PRESENTATIONS

a. INTERNATIONAL MEETINGS

- 2016 “Computed Tomography for Prediction of Extracapsular Spread in Oral and Oropharyngeal Squamous Cell Carcinoma, a Comparative Analysis”. **Bonilla-Velez J**, Small M, Van Hemert R, Fitzgerald R, Moreno MA. Presenter: **Bonilla-Velez J**. American Head and Neck Society (AHNS) 9th International Conference on Head and Neck Cancer. Seattle, WA, USA.
- 2014 “Clinical Pathway for Head and Neck Reconstruction with Free Flaps. Impact in Resource Utilization and Surgical Outcomes.” **Bonilla-Velez J**, Moreno MA. Presenter: **Bonilla-Velez J**. 5th World Congress of the International Federation of Head and Neck Oncologic Societies (IFHNOS) and the 2014 Annual Meeting of the American Head and Neck Society (AHNS), “A Century of Progress in Head & Neck Cancer”. Memorial Sloan Kettering Cancer Center, New York, NY, USA.
- 2008 “Diagnostic Process for Breast Cancer in Two Health Institutions of Cali, Colombia.” **Bonilla-Velez J**, Bonilla-Escobar FJ. Presenter: **Bonilla-Velez J**. XXIII International Scientific Congress (CCI). Latin American Federation of Medical Students’ Scientific Societies (FELSOCM). *Universidad del Mar*, Iquique, Chile.

b. NATIONAL MEETINGS

- 2019 “Acetylsalicylic Acid Suppression of PIK3CA Pathway as a Novel Medical Therapy for Head and Neck Lymphatic Malformations”. **Bonilla-Velez J**, Whitlock K, Ganti S, Mitchell R, Dobyns WB, Bly RA, Dahl JP, Bennett J, Perkins JA. Annual Meeting American Society for Pediatric Otolaryngology (ASPO) 2019, Austin TX.
- 2019 “Selecting the Right Patient for the Right Treatment: Active Observation vs. Invasive Treatments for Pediatric Head and Neck Lymphatic Malformations”. **Bonilla-Velez J**, Whitlock K, Ganti S, Zenner K, Theeuwen HA, Manning S, Bly RA, Dahl JP, Perkins JA. Annual Meeting American Society for Pediatric Otolaryngology (ASPO) 2019 , Austin TX.
- 2019 “Airway Endoscopy Findings Associated with Definitive Airway Surgery in Infants with Robin Sequence”. **Bonilla-Velez J**, Hill ZB, Bly RA, Evans KN, Whitlock K, Lee V, Perkins JA. Annual Meeting American Society for Pediatric Otolaryngology (ASPO) 2019 , Austin TX. (Submitted).
- 2017 “Management Of Pediatric Macrocystic Lymphatic Malformations of the Head and Neck: Surgical Outcomes”. **Bonilla-Velez J**, Moore BP, Richter GT. Presenter: **Bonilla-Velez, J**. American Society of Pediatric Otolaryngology (ASPO) 2017 Annual Meeting, Austin, TX, USA.
- 2017 “Laryngeal Abnormalities in Patients with Complex Mixed Cervicofacial Veno-Lymphatic Malformations” Gaffey MM, **Bonilla-Velez J**, Johnson AB, Richter GT. Presenter: Gaffey MM. American Society of Pediatric Otolaryngology (ASPO) 2017 Annual Meeting, Austin, TX, USA.
- 2017 “Venous Flow Coupler Use in Head and Neck Free Flaps”. Small LT, **Bonilla-Velez J**, Vural E, Moreno MA. Presenter: Small LT. American Academy of Otolaryngology-Head and Neck Surgery 2017 Annual Meeting & OTO Experience, Chicago, IL, USA.
- 2017 “Eosinophilic Esophagitis in Children Under the Age of 5 years: Clinical Characteristics”. Sun R, **Bonilla-Velez J**, Johnson AB, Richter GT. Presenter: Sun R. 97th Annual Meeting of the American Broncho-Esophagological Association at the Combined Otolaryngology Spring Meetings (COSM), San Diego, CA, USA.
- 2010 “Distinct Role of Kruppel like Factor 11 in the Regulation of Prostaglandin E2 Biosynthesis.” Buttar NS, DeMars CJ, Lomberk G, Rizvi S, **Bonilla-Velez J**, Achra S, Rashtak S, Wang K, Fernandez-Zapico ME, Urrutia R. Presenter: **Bonilla-Velez J**. XXI Colombian Student Congress on Medical Investigation, (CECIM). Colombian Association of Medical Student Scientific Societies (ASCEMCOL). *Universidad Autonoma de Bucaramanga*, Colombia.
- 2008 “Diagnostic Process for Breast Cancer in two Health Institutions of Cali, Colombia.” **Bonilla-Velez J**, Bonilla-Escobar FJ. Presenter: **Bonilla-Velez J**. XIX Colombian Student Congress on Medical Investigation, (CECIM). Colombian Association of Medical Student Scientific Societies (ASCEMCOL). *Universidad del Tolima*, Colombia.

c. REGIONAL AND LOCAL MEETINGS

- 2018 “Utilizing Didactics and High-Fidelity Simulation to Enhance Comfort, Knowledge and Skills of Non-Surgical Residents Caring for Patients with Tracheostomy and Laryngectomy”. Davis KA, Edgar-Zarate C, **Bonilla-Velez J**, Atkinson TN, Tulunay-Ugur O, Agarwal A. Presenter: **Bonilla-Velez, J. J.** Floyd Kyser, M.D. 25th Annual Resident Research and Alumni Conference. University of Arkansas for Medical Sciences Department of Otolaryngology- Head and Neck Surgery, Little Rock, AR, USA.
- 2017 “Management Of Pediatric Macrocystic Lymphatic Malformations of the Head and Neck: Surgical Outcomes”. **Bonilla-Velez J**, Moore BP, Richter GT. Presenter: **Bonilla-Velez, J. J.** Floyd Kyser, M.D. 24th Annual Resident Research and Alumni Conference. University of Arkansas for Medical Sciences Department of Otolaryngology- Head and Neck Surgery, Little Rock, AR, USA.
- 2016 “Computed Tomography for Prediction of Extracapsular Spread in Oral and Oropharyngeal Squamous Cell Carcinoma, a Comparative Analysis”. **Bonilla-Velez J**, Small M, Van Hemert R, Fitzgerald R, Moreno MA. Presenter: **Bonilla-Velez J. J.** Floyd Kyser, M.D. 23rd Annual Resident Research and Alumni Conference. University of Arkansas for Medical Sciences, Department of Otolaryngology- Head and Neck Surgery, Little Rock, AR, USA.
- 2016 “Clinical Evaluation of Venous Anastomotic Flow Coupler Use in Head and Neck Free Flap Reconstruction”. Small LT, Moreno MA, **Bonilla-Velez J**. Presenter: Small LT. J. Floyd Kyser, M.D. 23rd Annual Resident Research and Alumni Conference. University of Arkansas for Medical Sciences Department of Otolaryngology- Head and Neck Surgery, Little Rock, AR, USA.
- 2015 “Clinical Pathway for Head and Neck Reconstruction with Free Flaps: Impact in Resource Utilization and Surgical Outcomes”. **Bonilla-Velez J**, MD, Moreno MA. Presenter: **Bonilla-Velez J. J.** Floyd Kyser, M.D. 22rd Annual Resident Research and Alumni Conference. University of Arkansas for Medical Sciences Department of Otolaryngology- Head and Neck Surgery, Little Rock, AR, USA.
- 2013 “Suicide Attempts in Minors”. Campo-Cabal G, Bonilla-Escobar FJ, **Bonilla-Velez J**, Rengifo-Avila LF, Valencia-Upegui H. Presenter: Rengifo-Avila LF. XV Symposium of Investigations in Health. *Universidad del Valle*, Colombia.
- 2007 “Diagnostic process for Breast Cancer in two health institutions of Cali, Colombia”. **Bonilla-Velez J**, Bonilla-Escobar FJ. Presenter: **Bonilla-Velez J.** IX Symposium of Investigations in Health. *Universidad del Valle*, Colombia.

1.7. RESEARCH EXPERIENCE

- 2012 - 2013 Postdoctoral research fellow. **Massachusetts Eye and Ear Infirmary, Massachusetts General Hospital, Harvard Medical School.** Mentor: James Rocco, MD PhD.
Interest: To study biomarkers and relation to outcomes in oropharyngeal cancer.
Designed and executed recruitment strategy, data gathering and management for a prospective clinical study. Created cell lines from primary tumors. Developed and employed manuscript writing skills.(15 months).
- 2013 PH207x: Health in Numbers: Quantitative Methods in Clinical & Public Health Research. HarvardX (Online learning course through edX), Harvard University, Boston, MA, USA. 12-week program. Grade: 98% Course directors: Marcello Pagano, PhD. E. Francis Cook, S.D., Harvard School of Public Health.
- 2013 Clinical Research Series for Investigators. Harvard Medical School. Boston, MA, USA.
- 2012 Principles and Practice of Clinical Research. Department of Continuing Education, **Harvard Medical School**, Boston, MA, USA. Nine month comprehensive research program. Course director: Felipe Fregni, MD, MPH, PhD.
- 2011 Research elective in psychiatry. *Universidad del Valle*, Colombia. Principal Investigator: Gerardo Campo MD. Interest: To describe suicide attempts in children.
Wrote research proposal, performed data analysis, obtained funding for the project. (1 month).

- 2008, 2009 Research trainee. Epigenetics and Chromatin Dynamics Laboratory. **Mayo Clinic**, Rochester, MN, USA. Mentor: Raul Urrutia, MD.
Interest: Role of KLF 11 and KLF 13 in modulating gene expression and tumor suppression.
Performed mutations on all phosphorylation sites of KLF-11 and KLF-13. Set up In Situ Hybridization for zebrafish model in the laboratory. Learned molecular biology techniques: PCR, mutagenesis and recombinant DNA purification. (4 months, 2008; 2.5 months, 2009).
- 2006 - 2007 Founder and Member. Toxicology research interest group. *Universidad del Valle*, Scientific Association of Medical Students of the *Universidad del Valle*, (ACEMVAL). Principal investigator: Maurix Rojas, MD. Interest: Gastrointestinal decontamination of poisoned patients.
Authored the activated charcoal evidence-based practice guideline for the *Hospital Universitario del Valle* (referral center for southwest Colombia), followed by a book chapter and a review. Journal clubs. (2 years).
- 2008 Research Methodology Course. *Universidad del Valle*, Cali, Colombia.
Interest: Delay in diagnosis of breast cancer in Cali, Colombia.
Writing of research proposal, data collection, analysis and writing of the manuscript. (6 months).

18. EDUCATIONAL ACTIVITIES

a. US CLINICAL EXPERIENCE

- 2018 - 2019 Fellowship: Pediatric Otolaryngology. **Seattle Children's Hospital**, University of Washington, Seattle WA, USA.
- 2013 - 2018 Resident Physician. Department of Otolaryngology, Head and Neck Surgery. **University of Arkansas for Medical Sciences**, Little Rock, AR, USA.
- 2011 Clerkship: Senior Elective in Hematology. **University of Texas Medical School at Houston, Memorial Hermann Hospital**, Houston, USA. (1 month).
- 2011 Clerkship: Surgical Oncology, Colorectal Service. **University of Texas Medical School at Houston, MD Anderson Cancer Center**, Houston, USA. (1 month).
- 2011 Clerkship: Otorhinolaryngology. Mayo School of Graduate Medical Education, **Mayo Clinic**, Rochester, USA.
- 2011 Sub-Internship: Clinical Medicine & Oncology (Genitourinary service). **Memorial Sloan Kettering Cancer Center**, New York, USA. (1 month).
- 2011 International Visiting Scholar. Department of Otolaryngology. **University of Pittsburgh, Eye and Ear Institute, Children's Hospital of Pittsburgh**, Pittsburgh, USA. (1 month).

b. MEETINGS AND COURSES

- 2019 Annual Meeting of the American Society of Pediatric Otolaryngology (ASPO). Austin, TX, USA.
- 2019 American Academy of Otolaryngology- Head and Neck Surgery Foundation 2018 Leadership Forum & Board of Governor's Spring Meeting. Alexandria, VA, USA.
- 2018 American Academy of Otolaryngology-Head and Neck Surgery Foundation Annual Meeting & OTO EXPO. Atlanta, GA, USA.
- 2018 American Academy of Otolaryngology- Head and Neck Surgery Foundation 2018 Leadership Forum & Board of Governor's Spring Meeting. Alexandria, VA, USA.
- 2017 American Academy of Otolaryngology-Head and Neck Surgery Foundation Annual Meeting & OTO EXPO. Chicago, IL, USA.
- 2017 American Society of Pediatric Otolaryngology (ASPO) 2017 Annual Meeting, Austin, TX, USA.

- 2017 Transition to Residency: Conversations Across the Medical Education Continuum. The National Resident Matching Program (NRMP, The MATCH). New Orleans, LA, USA.
- 2017 American Academy of Otolaryngology- Head and Neck Surgery Foundation 2017 Leadership Forum & Board of Governor's Spring Meeting. Alexandria, VA, USA.
- 2017 The Combined Arkansas/Missouri Otolaryngology-Head & Neck Surgery Conference. Ridgedale, MO, USA.
- 2017 Temporal Bone Dissection Course. Department of Otolaryngology-Head & Neck Surgery, University of Texas Southwestern Medical Center.
- 2017 J. Floyd Kyser, MD 24th Annual Resident Research and Alumni Conference. Department of Otolaryngology, Head and Neck Surgery. University of Arkansas for Medical Sciences, Little Rock, AR, USA.
- 2016 American Academy of Otolaryngology-Head and Neck Surgery Foundation Annual Meeting & OTO EXPO. San Diego, CA, USA.
- 2016 American Head and Neck Society (AHNS) 9th International Conference on Head and Neck Cancer. Seattle, WA, USA.
- 2016 American Academy of Otolaryngology- Head and Neck Surgery Foundation 2016 Leadership Forum & Board of Governor's Spring Meeting. Alexandria, VA, USA.
- 2016 Resident Sinus Course. Department of Otolaryngology, Head and Neck Surgery. University of Arkansas for Medical Sciences, Little Rock, AR, USA.
- 2016 J. Floyd Kyser, MD 23rd Annual Resident Research and Alumni Conference. Department of Otolaryngology, Head and Neck Surgery. University of Arkansas for Medical Sciences, Little Rock, AR, USA.
- 2016 The Arkansas Society of Otolaryngology - Head and Neck Surgery Conference. Little Rock, AR, USA.
- 2015 American Academy of Otolaryngology- Head and Neck Surgery Foundation Annual Meeting & OTO EXPO. Dallas, TX, USA.
- 2015 Microvascular Course. **Organizer** and attendee. Department of Otolaryngology, Head and Neck Surgery. University of Arkansas for Medical Sciences, Little Rock, AR, USA.
- 2015 Resident Update in Rhinology: Techniques in Endoscopic Sinus Surgery. Saint Louis University School of Medicine, St. Louis, MO, USA.
- 2015 Principles of Operative Treatment of Craniomaxillofacial Trauma and Reconstruction. AOCMF North America, AO Foundation. Atlanta, GA, USA.
- 2015 J. Floyd Kyser, MD 22nd Annual Resident Research and Alumni Conference. Department of Otolaryngology, Head and Neck Surgery. University of Arkansas for Medical Sciences, Little Rock, AR, USA.
- 2015 The Combined Arkansas/Missouri Otolaryngology-Head & Neck Surgery Conference. Ridgedale, MO, USA.
- 2015 Southeast Regional Reconstructive Surgery Course Featuring Virtual Surgical Planning Techniques. Biomet Skills Academy. Jacksonville, FL, USA.
- 2014 5th World Congress of the International Federation of Head and Neck Oncologic Societies (IFHNOS) and the 2014 Annual Meeting of the American Head and Neck Society (AHNS), "A Century of Progress in Head & Neck Cancer". Memorial Sloan Kettering Cancer Center, New York, NY, USA.
- 2014 J. Floyd Kyser, MD 21st Annual Resident Research and Alumni Conference. Department of Otolaryngology, Head and Neck Surgery. University of Arkansas for Medical Sciences, Little Rock, AR, USA.
- 2014 The Arkansas Society of Otolaryngology - Head and Neck Surgery Conference. Rogers, AR, USA.
- 2014 Resident Allergy Course. Department of Otolaryngology, Head and Neck Surgery. University of Arkansas for Medical Sciences, Little Rock, AR, USA.
- 2013 J. Floyd Kyser, MD 20th Annual Resident Research and Alumni Conference. Department of Otolaryngology, Head and Neck Surgery. University of Arkansas for Medical Sciences, Little Rock, AR, USA.
- 2012 Update in Head and Neck Cancer: 2012. Harvard Medical School. Boston, MA, USA.

- 2008 Epigenetics. Mayo Clinic Graduate School, Rochester, MN, USA. Three-month course. Grade: A (A-F scale). Course director: Raul Urrutia, MD.
- 2008 Scientific Communication. Mayo Clinic Graduate School, Rochester, MN, USA. Three-month course. Grade: S (Scale: satisfactory, no credit, pass). Course director: Steve Brimijoin, PhD.

19. VOLUNTEER ACTIVITIES

- 2017 Residency Fair. College of Medicine. University of Arkansas for Medical Sciences, Little Rock, AR, USA.
- 2016 to date Tracheostomy and Laryngectomy Simulation. University of Arkansas for Medical Sciences, Little Rock, AR, USA. Contributed to the design and execution of a simulation session that has educated and trained physician assistant students as well as internal medicine, emergency medicine and anesthesia residents through presentations, patient case-based simulations and hands-on exercises.
- 2014 to date Otolaryngology Intern Survival Guide. University of Arkansas for Medical Sciences, Little Rock, AR, USA. Created this document to help our interns have pertinent information to perform their duties as residents, as well as specific information for the department, for each hospital service (UAMS University Hospital, Arkansas Children's Hospital, Central Arkansas Veterans Healthcare System Veterans Hospital) and service clinical pathways. Given on orientation by the department.
- 2017 Surgical Specialties Speed Dating. College of Medicine. University of Arkansas for Medical Sciences, Little Rock, USA. Session for medical students to learn about pursuing a career in Otolaryngology and other surgical specialties.
- 2016 Residency Fair. College of Medicine. University of Arkansas for Medical Sciences, Little Rock, AR, USA.
- 2013 Residency Fair. College of Medicine. University of Arkansas for Medical Sciences, Little Rock, AR, USA.
- 2006 - 2009 AMIGUITOS (Little Friends) Foundation. *Universidad del Valle*, Cali, Colombia. Performed activities to entertain children in the pediatric wards of our university hospital. Learned how to interact with hospitalized children and their families.
- 2006 - 2008 Counselor. Counseling Program. *Universidad del Valle*, Cali, Colombia. Served as counselor for medical students a year behind. Learnt how to transform experiences into teaching points for fellow students, and how to create bonds of collaboration to support others.

20. PERSONAL INTERESTS

Being from Cali, "world's salsa capital" dancing Latin-American rhythms like merengue, vallenato, bachata and especially salsa, is not only my cultural heritage but also a way to express myself artistically.

Enjoy horseback riding Colombian *pasofino* horses and painting landscapes with pastels and oil paints.