

Yamileth Nicolau, M.D.

Curriculum Vitae

EDUCATION

06/1991-02/1997	University of Panama, Panama City, Panama M.D.
03/1997-02/1998	Santo Tomas Hospital, Panama City Panama First Year Internship
03/1998-02/1999	Acquillino Tejeira Hospital, Panama City, Panama Second Year Internship
07/1999-06/2003	La Caja de Seguro Social, Republic of Panama Residency in Otorhinolaryngology
05/2003-06/2007	Harvard Medical School Research Fellow in Otolaryngology
06/2007-06/2008	University of California, San Diego, CA Internship in General Surgery
07/2008-06/2012	University of California, San Diego, CA Residency in Otolaryngology-Head & Neck Surgery

CERTIFICATION

08/2003	Certification –Otolaryngology-Head & Neck Surgery Ministry of Health, Panama City, Panama
08/2006	ECFMG Certificate

TEACHING APPOINTMENTS

6/1999 – 4/2003	Teaching Assistant, Otolaryngology-Head & Neck Surgery University of Panama Medical School Panama City, PA
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PRESENTATIONS

- ◆ Oral Presentation at the IAPO (Interamerican Association of Pediatric Otolaryngology) *Hereditary Hearing Loss*, Panama City, Panama

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- ◆ Poster: *Distal renal tubular acidosis and sensorineural hearing loss; A case report* Yamileth Nicolau, M.D. and Daniela Carvalho, M.D. Sentac, December 2009, Salt Lake City, Utah
- ◆ *Genetics of Congenital External Ear Malformations in Monozygotic and Dizygotic twins* (oral presentations) Artunduaga MA, MD*; Quintanilla-Dieck MDL, MD*; Betensky RA, PhD; McDonough B, RN; Depalma SR, PhD; Greenway SC MD; Nicolau, Y MD; Hamdan US, MD; OsOrno G, MD; Brent B, MD SM; Seidman CE, MD; Seidman JG PhD American Society of Pediatric Otolaryngology
- ◆ *Genome-wide association study identifies rare de novo Copy Number Variant (CNV) in Non-syndromic Microtia* (poster) Artunduaga MA, MD; Quintanilla-Dieck MDL, MD; Greenway SC, MD; DePalma SR, PhD; McDonough B, RN; Nicolau Y, MD; Rodriguez-Santamaria SDR, MD; Hamdan US, MD; Osorno G MD; Brent B, MD; Eavey RD, MD; Seidman CE MD, and Seidman JG PhD BWH research excellence award 05/2009
- ◆ *Congenital external ear malformation and isolated microtia; insights from a genome-wide association study* (poster) Artunduaga MA, MD*; Quintanilla-Dieck MDL, MD*; McDonough B, RN, Depalma SR PhD; Nicolau, Y MD; Rodriguez-Santamaria SDR, MD; Hamdan US, MD; Osorno G, MD; Eavey RD, MD SM; Seiman CE, MD; Seidman JG, PhD. New England Science Symposium, New England Regional Meeting
- ◆ *Genetics of Congenital Ear Malformations (Microtia)* (poster) Artunduaga MA, MD*; Quintanilla-Dieck MDL, MD*; McDonough B, RN; Depalma SR, PhD; Nicolau Y, MD; Rodriguez-Santamarie SDR, MD; Hamdan US, MD; Osorno G, MD; Eavey RD, MD; Seidman CE, MD; Seidman JG, PhD Harvard Genetics Retreat, Annual Meeting
- ◆ *Mirror Image Twins with Microtia; Case presentation and Genetic analyses* (poster) Yamileth Nicolau, MD; Thomas Tamura, MD; Roland Eavey, MD; CE Seidman, MD; JG Seidman, PhD ASPO meeting, San Diego
- ◆ *Nonsyndromic autosomal recessive microtia maps to chromosome 1 q32.2 – q41* American society of Pediatric Otolaryngology 21st Annual Meeting, COSM Chicago, IL
- ◆ Oral presentation: Nicolau, Y; Eavey, R; Seidman, J; Seidman, C *Nonsyndromic autosomal recessive microtia maps to chromosome 1 q32.2 – q41* American Society of Pediatric Otolaryngology 21st Annual Meeting, COSM Chicago, IL
- ◆ Poster: Ghanem, M; Monroy, A; Nicolau, Y; Eavey, R; Butterfly Cartilage graft inlay tympanoplasty for large perforations American Society of Pediatric Otolaryngology 21st Annual Meeting, COSM Chicago, IL

SCIENTIFIC RESEARCH

- ◆ Postdoctoral Fellowship
Principal Investigators: Dr. Jonathan Seidman PhD, Christine Seidman, MD
Department of Genetics
Roland Eavey, MD SM
Director of the Pediatric Otolaryngology Service

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Massachusetts Eye and Ear Infirmary
Harvard Medical School
Boston, MA

- ◆ Linkage Analysis performed with polymorphic microsatellite markers and Affymetrix gene chip arrays on a large kindred with microtia and ear malformations. Candidate gene approach and gene sequencing
 - Association study in a sample population from Ecuador for our microtia interval using high output genotyping (Sequenom)
 - Genetic analysis of mirror image twins with microtia using microsatellite markers and gene chip arrays. Future studies with Comparative Genomic Hybridization arrays.

Principal Investigators: Jonathan Seidman PhD, Christine Seidman, MD
Department of Genetics
Roland Eavey, M.D., S.M.
Director of the Pediatric Otolaryngology Service
Massachusetts Eye and Ear Infirmary
Harvard Medical School
Boston, MA

- ◆ Collaboration: genotype of normal chromosomes and mitochondrial function studies for the Bjornstad Syndrome Project. The gene mutation which causes sensorineural hearing loss and pili torti, was discovered in the Seidman laboratory
Project Coordinator: Travis Hinson

Principal Investigators: Jonathan Seidman, Ph.D., Christine Seidman, M.D.
Department of Genetics
Harvard Medical School
Boston, MA

- ◆ Participation in the otologic characterization of the mouse model for EYA 4 gene inactivation developed in the Seidman Laboratory. Mutations in the EYA 4 gene cause late onset sensorineural hearing loss and dilated cardiomyopathy.

Project Coordinator: Frederick Depreaux
Principal Investigators: Jonathan Seidman, PhD, Christine Seidman, MD
Massachusetts Eye and Ear Infirmary
Department of Genetics
Harvard Medical School
Boston, MA

- ◆ Collaboration: Linkage Analysis performed with gene chip arrays on a large kindred with Meniere's disease and migraine from Brazil

Project Coordinator: Fayez Bahmad
Saumil Merchant, MD
Massachusetts Eye and Ear Infirmary
Jonathan Seidman, PhD, Christine Seidman, MD
Department of Genetics
Harvard Medical School
Boston, MA

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PUBLICATIONS

- ◆ Nicolau Y; Faquin WC; Deschler DG. "Hamartoma of the Parotid Gland: report of a unique case. Ear Nose Throat J. 2010 May; 89 (5):8-10
- ◆ Maria Alexandra Artunduaga, MD; Maria de Lourdes Quintanilla-Dieck, MD; Barbara McDonough, RN; Steven R. DePalma, PhD; Steven Greenway, MD; Rebecca A. Betensky, PhD; Yamileth Nicolau, MD; Usama S. Hamdan, MD; Gabriel Osorno, MD; Burt Brent, MD; Roland D. Eavey, MD SM; Christine E Seidman, MD; and JG Seidman, PhD, "A Classical Twin Study of External Ear Malformations Including Microtia," N Engl J Med 2009 Sept 17;361(12):16-8
- ◆ Hinson JT, Fantin VR, Schonberger J, Breivik N, Siem G, McDonough B, Sharma P, Keogh I, Godinho R, Santos F, Esparza A, Nicolau Y, Selvaag E, Cohen BH, Hoppel CL, Tranebjaerg L, Eavey RD, Seidman JG, Seidman CE. Missense mutations in the BCSIL gene as a cause of Bjornstad syndrome. N Eng J Med. 2007 Feb 22;356(8):809-19
- ◆ Eavey RD, Monroy A, Nicolau Y, Shabdiz F. Microtia repair: the case for surgical reconstruction. J Oral Maxillifac Surg. 2006 Nov;64(11):1655-63
- ◆ Nicolau, Y; Eavey, R; Seidman, J; Seidman, C. Nonsyndromic autosomal recessive microtia maps to chromosome 1 q32.2-q41. Published abstract. American Society of Pediatric Otolaryngology
- ◆ Nicolau, Y.; Northrop, C; Eavey, R.: Tuberculous Otitis in infants: Temporal bone histopathology and clinical extrapolation. Otolology and Neurotology. 2006 Aug;27(5):667-671
- ◆ Ghanem, M.; Monroy, A; Alizadeh, F; Nicolau, Y.; Eavey, R.: Butterfly Cartilage graft inlay tympanoplasty for large perforations. Laryngoscope

PROFESSIONAL MEMBERSHIPS

- ◆ Interamerican Association of Pediatric Otolaryngology (IAPO)
- ◆ American Academy of Otolaryngology/Head and Neck Surgery
- ◆ Texas Medical Association
- ◆ Harris County Medical Association

HONORS AND AWARDS

- ◆ First place, William P. Potsic Basic Science Award, American Society of Pediatric Otolaryngology. (Oral presentation by Dr. Artunduaga)
- ◆ Best Intern in Emergency Medicine Award. University of California San Diego
- ◆ Charles R. Ferguson Clinical Research Award. Oral presentation: Nicolau, Y; Eavey, R; Seidman, J; Seidman, C Nonsyndromic autosomal recessive microtia maps to chromosome 1 q32.2-q41 American Society of Pediatric Otolaryngology 21st Annual Meeting, COSM Chicago, Illinois

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- ◆ Second in Medical School graduation class University of Panama Medical School Panama City, Panama
- ◆ “Dr. Monica Brown’s” Award Given by the Panamanian Society of Women Physicians to the female with the highest grade point average in the graduation class University of Panama Medical School, Panama, City, Panama