

CURRICULUM VITAE

CONTACT INFORMATION

Katherine Pazmiño, DDS, MSD, Certificate in Pediatric Dentistry, MBA
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EDUCATION

Franklin High School
El Paso, Texas
High School Diploma
August 1994-May 1998

Duke University
Durham, North Carolina
Bachelor of Arts in Classical Studies
Minors in Chemistry, Biology, History, and Literature
August 1998-May 2002

Beaver Center of Education Abroad
Athens, Greece
Fall Semester 2000

University of Maryland Baltimore College of Dental Surgery
Baltimore, Maryland
Doctorate of Dental Surgery
August 2004-May 2008

University of Texas Health Science Center at Houston
Houston, Texas
Certificate of Pediatric Dentistry June 2010
Masters of Science in Dentistry June 2010
July 2008-June 2010

Duke University Fuqua School of Business
Durham, North Carolina
Masters of Business Administration
August 2010-December 2011

CERTIFICATIONS

American Board of Pediatric Dentistry
Diplomate since October 2012

American Academy of Pediatric Dentistry
Fellow since October 2012

World Clinical Laser Institute
Associate Fellowship since November 2013

EXPERIENCE

Associate Clinical Professor
January 2011-Present

Educated the pediatric dentistry residents at the University of Texas School of Dentistry in the key tenets of our profession, including infant oral health, behavior management, restorative procedures, treatment

planning, and communicating with families effectively. Worked closely with them chairside and supervising from a distance to observe their behaviors with the patients and families. Provided lectures annually. Strived to tailor education to each resident's needs.

Associate Pediatric Dentist

July 2015-September 2016

Provided services as a pediatric dentist to the children of Houston. Educated children and their caregivers to prevent caries and improve their dietary and hygiene habits. Offered restorative services with sealants, glass ionomer, compomer, composite, amalgam, pulpal therapy, stainless steel crowns, and extractions under nitrous oxide sedation with or without oral sedation. Coordinated care with local providers ranging from orthodontists, endodontists, oral surgeons, general dentists, pediatricians, and other pediatric medical specialists.

Associate Pediatric Dentist

July 2010-July 2015

Provided services as a pediatric dentist to the children of Katy. Educated children and their caregivers to prevent caries and improve their dietary and hygiene habits. Offered restorative services with sealants, glass ionomer, compomer, composite, pulpal therapy, stainless steel crowns, and extractions under nitrous oxide sedation with or without oral sedation. Coordinated care with local providers ranging from orthodontists, endodontists, oral surgeons, general dentists, pediatricians, and other pediatric medical specialists.

Pediatric Dentistry Residency

July 2008-June 2010

This accredited training program provides clinical and didactic experience with pediatric dental patients from infancy through adolescence, including those with special health care needs. Residents were supervised in providing optimal care with focus on conscious sedation, parenteral and enteral sedation, intravenous sedation, and general anesthesia modalities. Behavior management was performed in the private practice setting at Houston Medical Center. Community service was performed with national programs including Give Kids a Smile, and local programs including the Teddy Bear Checkup. Orthodontics received a special focus in this program. Interdisciplinary rotations with Cleft Lip/Palate and Hemophilia teams were performed to create comprehensive treatment plans for these patients.

Pediatric Dentistry Elective

June 2006-May 2008

This was in addition to regular pre-doctoral curricula for course credit requiring 90+ hours of pediatric clinical experience, humanities seminars, patient management lectures, and online courses. Provided care for children, particularly Hispanics, ranging from two to sixteen years of age and their myriad oral health needs. Planned treatment for complicated pediatric cases by quadrants, dividing the appointments to best utilize the attention span of the children as well as the isolation of the arches. Prepared various carious teeth for restoration with bonded composite, glass ionomer, amalgam, or stainless steel crowns as needed. Worked in conjunction with the HSDA at the Hispanic Apostolate where my Spanish skills were essential to provide intra-oral and extra-oral cancer exams, distribute educational material and samples, and apply fluoride varnish on children's teeth.

Hispanic Student Dental Association

President June 2006-May 2008

Focused the organization on service for the Hispanic community. Volunteers participated at faculty supervised oral health screenings including intra-oral and extra-oral cancer evaluations, hard and soft tissue examinations, advising of the urgency of certain dental treatments, oral hygiene instruction, pamphlet and sample distribution, and fluoride varnish application. We volunteered at various sites in Maryland, including Langley Park, Eastern Shore, and the Latin Quarter of Baltimore. Established our chapter on the national scene by sending five delegates to the national HDA conference in California and six delegates to the national conference in Miami. One of our members became the Eastern Regional Trustee on the national level, thus representing our chapter on national executive board committees. Started classes instructing Spanish for dental professionals to better meet the needs of our Spanish-

speaking patients. Interest in the classes was overwhelming, such that Beginners and Intermediate sections were created to hone the lessons. Tripled both membership and participation through the elimination of dues and increasing the service and social activities of the group.

FELLOWSHIP

Albert Schweitzer Fellowship

April 2007-June 2008

First awardees of this fellowship in the dental school history. Worked in conjunction with two other dental students, our project aimed to organize an array of events focusing on oral health promotion and improving access to oral healthcare for very young children at Early Head Start and children at Head Start in Baltimore city. Support for the project came from dental representatives, student volunteers from the University of Maryland Baltimore School of Dental Surgery and various organizations from the local community.

RESEARCH

University of Texas Health Science Center at Houston

Masters of Science in Dentistry

July 2008-June 2010

Investigated limitations faced by patients with congenital bleeding disorders while accessing dental care. Study aimed to determine limitations based on location, professional education or experience, or interdisciplinary coordination. Intent was to collect data and submit for publication. Future goals are to help establish dental protocol for dental treatment for these patients, and improve education for practitioners regarding patients with inherited coagulopathies.

Duke University Medical Hospital/Veterans Affairs Hospital

Laboratory Technician

September 2002-July 2004

Physiological experiments with genetically engineered mice included mouse handling, blood pressure measurements by radio-telemetry and LED, insulin measurements by blood sampling, peritoneal injections, fluid collection, and pathological preparation of tissue. Data collection, interpretation, and presentation using Microsoft Excel. Work I contributed was published in three articles, and other articles are submitted for publication. Trained five other technicians the necessary techniques. Created an instruction manual on mouse handling techniques for future technicians to refer in training.

PUBLICATIONS

Crowley SD, Vasievich MP, Ruiz P, Gould SK, Parsons KK, Pazmino AK, Facemire C, Chen BJ, Kim HS, Tran TT, Pisetsky DS, Barisoni L, Prieto-Carrasquero MC, Jeansson M, Foster MH, Coffman TM. "Glomerular type 1 angiotensin receptors augment kidney injury and inflammation in murine autoimmune nephritis." *J Clin Invest.* 119(4):943-53, 2009.

Crowley, S.D., Gurley, S.B., Oliverio, M.I., Pazmiño, A.K., Coffman, T.M. "Distinct roles for the kidney and systemic tissues in blood pressure regulation by the renin-angiotensin system." *The Journal of Clinical Investigation* 115(4): 1092-1099, 2005.

Wang, L., Fields, T.A., Pazmiño, K., Dai, Q., Burchette, J.L., Howell, D.N., Coffman, T.M., Spurney, R.F. "Activation of G-alpha q-coupled signaling pathways in glomerular podocytes promotes renal injury." *The Journal of the American Society of Nephrology* 16(12): 3611-22, 2005.

Pazmiño, P.A., Pazmiño, A.K. "Diabetic Nephropathy in Texas: Influence of Ethnicity and Household Income." *El Paso Physician* 25(3): 15-22, 2002.

Pazmiño, P.A., Pazmiño, A.K. "Diabetic Nephropathy." *El Paso Physician* 23(3): 12-17, 2000.

PRESENTATIONS

"Dental Materials." UT School of Dentistry Houston Pediatric Residency Program, Houston, Texas; January 5, 2018.

"Local Anesthesia." UT School of Dentistry Houston Pediatric Residency Program, Houston, Texas; July 5, 2016.

"Local Anesthesia." UT School of Dentistry Houston Pediatric Residency Program, Houston, Texas; July 7, 2015.

"Local Anesthesia." UT School of Dentistry Houston Pediatric Residency Program, Houston, Texas; July 7, 2014.

"Sonrisas para Mañana." Lone Star Chapter of the National Hemophilia Foundation Conference, San Antonio, Texas; June 20th, 2010.

"Smiles for Tomorrow." Lone Star Chapter of the National Hemophilia Foundation Conference, San Antonio, Texas; June 19th, 2010.

"Discerning Limitations in Access to Dental Care for Patients with Congenital Bleeding Disorders." American Academy of Pediatric Dentistry Conference, Chicago, Illinois; May 2010.

"Treatment Modalities for Patients with Cleidocranial Dysplasia." Star of the South Dental Conference, Houston, TX; April 2010.

"Case Report: An Interdisciplinary Approach for Treating a Severe Hemophiliac with Caries." American Academy of Pediatric Dentistry Conference, Honolulu, Hawaii; May 2009.

"Treatment Modalities for Patients with Ectodermal Dysplasia." Star of the South Dental Conference, Houston, Texas; April 2009.

HONORS

Phi Eta Sigma Fall 1999

Dean's List Fall 1998 and Fall 2001

Dean's List with Distinction Fall 2000 and Spring 2002

Diversity Grant Fall 2004

Gamma Pi Delta Prosthodontic Honor Society Fall 2006-Spring 2008

Ferdinand J.S Gorgas Odontological Honorary Society Fall 2006-Spring 2008

Howard Van Natta Memorial Scholarship Spring 2007

Delta Dental Student Leadership Award Spring 2008

Eleanor Bushee American Association of Women Dentists Senior Woman Dental Award 2008

Maryland Society of Dentistry for Children Humanities Award 2008

Pierre Fauchard Academy Award 2008

Peabody Award 2010

PROFESSIONAL MEMBERSHIPS

Houston, TX

Houston Academy of Pediatric Dentistry 2008-present

Texas Academy of Pediatric Dentistry 2008-present

American Academy of Pediatric Dentistry 2008-present

American Dental Association 2008-present

College of Diplomates, American Board of Pediatric Dentistry 2012-present

Baltimore, MD

Hispanic Student Dental Association 2004-2008

Student Dental Association 2004-2008

American Student Dental Association 2004-2008

Student National Dental Association 2005-2008

Maryland Academy of Pediatric Dentistry 2005-2008

President of the Hispanic Student Dental Association 2006-2008
Pediatric Selective Clerkship 2006-2008
BCDS Admissions Committee 2006-2008

Durham, NC
Catholic Student Center Counselor and Eucharistic Minister 1998-2004
Ballroom Dance Team Vice President and Historian 1999-2000
Mirecourt Selective House Chairman 1999-2002
Pediatric Services Volunteer 2002-2004

PROFESSIONAL QUALIFICATIONS

Fluent in Spanish
Microsoft Office, Java, UNIX, and HTML proficiency

INTERESTS

General appreciation of cultural diversity and creativity expressed through travel, dance, museums, and reading.

Signature: _____

Date: _____