

Vida Chitsazzadeh

Andrew Sowell-Wade Huggins Scholar in Cancer Research

NIH Center for Clinical and Translational Sciences Fellow

Alpha Omega Alpha (ΑΩΑ) Honor Medical Society

Board Certified Dermatologist

LICENSURE EXAMINATION

- United States Medical Licensing Exam (2010): Step 1: 271 (99th percentile rank).
- United States Medical Licensing Exam (2011): Step 2 CK: 260 (99th percentile rank).
- United States Medical Licensing Exam (2016): Step 2 CS: Pass.
- United States Medical Licensing Exam (2021): Step 3: 221.
- Dermatology Board Certification** (2020): Pass (91st percentile rank).

KEY SKILLS

Time Management



Documentation



HIPPA Compliance



Organization & Prioritization



Patient Care



Conflict Resolution



Communication Skills



Team Leadership



ACADEMIC TRAINING

Bachelor of Science (B.S)

09/2003-06/2007

University of California, Los Angeles (UCLA)

- Major: Biology
- Cumulative GPA: 3.93, Major GPA: 4.00
- Summa cum laude*

Doctor of Medicine (MD)

05/2008-05/2016

McGovern Medical School at The University of Texas Health Science Center in Houston

Doctors of Philosophy (Ph.D)

05/2008-05/2016

Medical Scientist Training Program at Houston

The University of Texas Graduate School of Biomedical at Houston

- Genes and Development Program
- Advisor: Kenneth Y. Tsai, M.D., Ph.D.
- Department: Translational Molecular Pathology & Dermatology

POSTDOCTORAL CLINICAL TRAINING

Medical internship & Residency

06/2016-2020

Department of Internal Medicine at McGovern Medical School UT Health, Houston, TX

Department of Dermatology at McGovern Medical School UT Health, Houston, TX

Chief resident

- Cosmetic dermatology
- Dermatological surgery

Kelsey-Seybold Dermatologist

04/2022-12/2024

Kaiser Permanente Dermatologist WH

12/2024- Present

ACADEMIC EXCELLENCE ACHIEVEMENT AWARDS

- **#1** in medical school class in following courses: Histology, immunology, gross anatomy, developmental anatomy, and neuroscience.
- **#1** in medical school class of 239 in USMLE Step 1 licensure exam.

TRAVEL AWARDS

- Society for Investigative Dermatology (SID) Annual Meeting Albert M. Kligman Travel Fellowship Awardee for 2 consecutive years (2014 & 2015).
- Graduate School of Biomedical Sciences (GSBS) at Houston, the Genes & Development Program Travel Award (2013, 2014, & 2015):
 - American Physician Scientists Association 10th & 11th Annual Meeting.
 - South Regional American Physician Scientist Association Meeting (Post-Candidacy award).
 - South Regional American Physician Scientist Association Meeting (Pre-Candidacy award).
- NIH Center for Clinical and Translational Sciences TL1 Predoctoral Training Program Travel Award: (2013) American Physician Scientist Association Annual Meeting.

HONORS & AWARDS

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| 2015 | Alpha Omega Alpha Honor Medical Society. |
| 2015 | MD Anderson Trainee Research Day Graduate Poster Competition Finalist in Category of Translational Research. |
| 2014 | MD Anderson Trainee Research Elevator Speech Competition Finalist . |
| 2014 | MD Anderson Trainee Research Day Oral Competition Finalist in Category of Translational Research. |
| 2014 | Oral Presentation Award Winner: Translational Science National Conference at Washington DC. |
| 2013 | Cancer Answers Foundation and Andrew Sowell-Wade Huggins Scholarship in Cancer Research. |
| 2013 | Texas Regional CTSA Consortium, TL1 & KL2 Scholars Retreat, special recognition for the best TL1 poster presentations from Houston CTSA. |
| 2008 | The Cullen Trust for Higher Education Physician/Scientist Fellowship recipient. |
| 2006 | Academic Advancement Program Warner Brothers Scholarship recipient. |
| 2006 | HHMI Exceptional Research Opportunities Program nominee. |
| 2004 | Alpha Lambda Delta: National Academic Honor Society for Freshmen. |
| 2004 | Member of Phi Eta Sigma National Honor Society. |

ELECTED COMMITTEE MEMBERSHIPS

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| 2013-2014 | GSBS Academic Standards Committee Member, Student Representative on Standing Committee. |
| 2013-2014 | UT Health MD/PhD Program Student Representative on Curriculum Committee . |
| 2013 | UT Health MD/PhD Program External Review Committee: Student Representative on Committee. |
| 2013 | UT Health MD/PhD Program Internal Review Committee: Student Representative on Committee. |

RESEARCH FELLOWSHIPS

- NIH Center for Clinical and Translational Sciences T32 Fellowship (2012-2015).
 - Renewed 3 consecutive years in a row.
- Julia Jones Matthews Cancer Research Scholar jointly with Cancer Prevention & Research Institute of Texas Training (CPRIT) Award (2012).

RESEARCH CERTIFICATION

- Writing and Publishing Scientific Articles (WAPSA) workshop by MD Anderson Department of Scientific Publications (2013).
- Bioinformatics Seminar Series in Genes & Development: Target discovery with Oncomine (2013).
- The University of Texas MD Anderson Cancer Center Design and Management of Clinical Trials (2013).
- The Department of Scientific Publications Grant Writing Seminars at MD Anderson Cancer Center (2013).
- Nanotechnology in Biomedical Science at MD Anderson Cancer Center (2013).
- NCBI Discovery Workshops Course Certificate in Bioinformatics (2012).

PREDOCTORAL RESEARCH TRAINING

2011-2016

The University of Texas Graduate School of Biomedical Sciences: Integrated cross-species genomic analysis of cutaneous squamous cell carcinoma development through the preneoplastic actinic keratosis stage using matched human samples and a solar ultraviolet radiation-driven Hairless mouse model. Mentor: Dr. Kenneth Y. Tsai.

2009

The University of Texas Graduate School of Biomedical Sciences: Investigating the Role of PCI-24781, a Novel Hydroxamic Acid HDAC Inhibitor, as an Apoptosis Inducer in Osteosarcoma Cells. Mentor: Dr. Dennis Hughes.

2009

The University of Texas Graduate School of Biomedical Sciences: Investigating the Role of Impaired adaptive immune response to HIV CD4 binding site and restoration of immunogenicity by covalent immunization. Mentor: Dr. Sudhir Paul.

2008

The University of Texas Graduate School of Biomedical Sciences: Investigating the role of TGFBR1 mutation in pathogenesis of Thoracic Aortic Aneurysm and Dissection. Mentor: Dr. Dianna Milewicz.

2007-2008

Research Assistant at **Children's Hospital Boston/Harvard Medical School:** Identification of genes involved in Generalized epilepsy with febrile seizures plus syndrome. Mentor: Dr. Annapurna Poduri.

2006

Howard Hughes Medical Institute (HHMI) Exceptional Research Opportunities Summer Program: Identifying genes responsible for the combined condition of bilateral Perisylvian Polymicrogyria and Arthrogryposis Multiplex Congenita. Mentor: Dr. Annapurna Poduri.

2005-2007

Howard Hughes Medical Institute (HHMI) Consortium in Functional Genomics Researcher at UCLA: Functional Genomic Analysis of Nine Genes in the Drosophila Eye Development. Mentor: Dr. Utpal Banerjee.

2005-2007

UCLA Directed Research Program in Neuroscience and Physiological Sciences: Examining the expression of the serotonin receptor, 5HT2A, in the spinal cords of spinally transected mice in response to treatment of quipazine and training. Mentors: Dr. Niranjala Tillakaratne and Dr. Victor R. Edgerton.

PROFESSIONAL SOCIETIES

- Elected Member of Alpha Omega Alpha Honor Medical Society (2015-Present).
- Elected Resident member of the Society for Investigative Dermatology (2014-2020).
- American Physician Scientists Association Member (2008-Present).
- Texas Medical Association & American Medical Association Member (2008-2013).

MENTORSHIP & TEACHING EXPERIENCE

- Mentoring & Training Graduate and Undergraduate Students during Graduate School (2011-2015):
 - T. Nguyen (GRA)
 - G. Ching (B.S.)
 - M. Restrepo (MS)
 - N. Kash (M.D)
 - C. Addelman (Undergrad)
 - I. Baig (MS)
- McGovern Medical School at The University of Texas Health Science Center in Houston:
 - Introduction to Clinical Medicine (ICM) and Physical Diagnosis Teaching Assistant (2009-2010): Selected based on academic merit and communication skills.
 - Gross Anatomy Teaching Assistant (2008-2009): Selected based on academic merit and teaching skills.

LEADERSHIP & SERVICE

2017-Present

University of Texas & MD Anderson Cancer Center "Annual Skin Cancer Screening" Volunteer.

2012-2016

University of Texas Healthy Science Center Institutional Representative of American Physician Scientist Association (APSA):

- **Chair of Organizing Committee:** South Regional Meeting (2014).
- **Chair of UT Houston APSA Chapter:** Organization of activities, events, and recruitment of new members (2014-2016).
- **Annual Meeting Organizing Committee Member** (2013).
- **South Regional Panel Speaker:** "The Graduate School Years: Choosing a Lab" & "Research Opportunities During Medical School" (2012).

2014

NIH Grant Reviewer at the Association for Clinical and Translational Science TL1 Study Session, Translational Science Meeting.

2014

Student representative from UT-Houston MD/PhD program for GSBS recruitment trip to Fordham University in New York City: Selection based on academic merit and communication skills.

2013

The University of Texas System MD/PhD Retreat, "Applying to UT MD/PhD Programs for Undergraduates" Panel Speaker.

2013

Speaker: Graduate School of Biomedical Sciences at Houston, the Genes & Development Program: **Learning Effective Communication Skills and Interpersonal Skills.**

2013

University of Texas Medical School at Houston Curriculum Committee Retreat, "The Modern Medical Curriculum" Student representative.

2013

GSBS/MD Anderson 6th Annual Winter Educational Summit: Student participant.

2009-2011

Cullen Trust for Higher Education MD-PhD Career Development Workshop Organizer and Panel Speaker.

2009-2016

University of Texas Medical School at Houston Interview Host to Prospective Students.

2008-2009

University of Texas Medical School at Houston **Interview Social Committee Member.**

PLATFORM PRESENTATION

POSTER PRESENTATIONS

■ National:

- Society for Investigative Dermatology (SID) Annual Meeting, Atlanta, GA (2014 & 2015). 2015
- TL1 Trainee Platform Presentation at Translational Science National Conference, Washington, DC (2014 & 2015). 2015

■ Regional:

- Texas Dermatological Society Sprig meeting, Marriot Marquis, Houston, TX (2019). 2014
- Graduate School of Biomedical Sciences at Houston Genes and Development Program Retreat, Camp Allen Conference Center, Navasota, TX (2015). 2014
- UT-Houston GSBS Recruitment Trip to Fordham University, Bronx, NY (2014). 2013
- UT-Houston MD/PhD Program Retreat at MD Anderson Cancer, Houston, TX (2014). 2012
- MD Anderson Trainee Research Day Oral Competition in Category of Translational Research, Houston, TX (2014). 2014
- Center for Cancer Immunology Research Seminar, Houston, TX (2013). 2013
- University of Texas System MD/PhD Retreat, Austin, TX (2013). 2013
- Houston Dermatological Society, Houston, TX (2013). 2012

NATIONAL

- AACR 106th Annual Meeting, Philadelphia, PA. 2015
- Society for Investigative Dermatology Annual Meeting, Atlanta, GA. 2015
- American Society for Clinical Investigation and American Physician Scientists Association Joint 11th Annual Meeting, Chicago, IL. 2015
- Translational Science National Conference, Washington, DC. 2014
- Society for Investigative Dermatology Annual Meeting, Albuquerque, NM. 2014
- American Society for Clinical Investigation and American Physician Scientists Association Joint 10th Annual Meeting, Chicago, IL. 2014
- Translational Science National Conference, Washington, DC. 2013
- American Society for Clinical Investigation and American Physician Scientists Association Joint 9th Annual Meeting, Chicago, IL. 2012
- American Society of Clinical Oncology, Chicago, IL. 2014

REGIONAL

- Graduate School of Biomedical Sciences at Houston Genes and Development Retreat, T Bar M Conference Center, TX. 2013
- Texas Regional CTSA Consortium, TL1 & KL2 Scholars retreat, San Antonio, TX. 2013
- American Physician Scientists Association South Regional Meeting; University of Texas Health Science Center at San Antonio, TX. 2012
- Fourth Annual Advances in Oncology- From Clinical Science to Clinical Practice Conference, Houston, TX. 2012
- Annual Medical School Research Retreat, Houston, TX. 2012
- Center for Cancer Immunology Research Retreat, Hyatt Regency Lost Pines Conference Center, TX. 2012
- American Physician Scientists Association South Regional Meeting; University of Texas Southwestern Medical Center, Dallas, TX. 2012

- **Chitsazzadeh V**, Coarfa C, Drummond JA, Nguyen T, Joseph A, Chilukuri S, Charpiot E, Adelmann CH, Ching G, Nguyen TN, Nicholas C, Thomas VD, Migden M, MacFarlane D, Thompson E, Shen J, Takata Y, McNiece K, Polansky MA, Abbas HA, Rajapakshe K, Gower A, Spira A, Covington KR, Xiao W, Gunaratne P, Pickering C, Frederick M, Myers JN, Shen L, Yao H, Su X, Rapini RP, Wheeler DA, Hawk ET, Flores ER, Tsai KY. Cross-species identification of genomic drivers of squamous cell carcinoma development across preneoplastic intermediates. *Nat Commun*. 2016 Aug.
- Poduri A, **Chitsazzadeh V**, D'Arrigo S, Fedrizzi E, Pantaleoni C, Riva D, Busse C, Küster H, Duplessis A, Gaitanis J, Sahin M, Garganta C, Topcu M, Dies KA, Barry BJ, Partlow J, Barkovich AJ, Walsh CA, Chang BS. The syndrome of perisylvian polymicrogyria with congenital arthrogryposis. *Brain Dev*. 2010 Aug.
- Planque SA, Mitsuda Y, **Chitsazzadeh V**, Gorantla S, Poluektova L, Nishiyama Y, Ochsenbauer C, Morris MK, Sapparapu G, Hanson CV, Massey RJ, Paul S. Deficient synthesis of class-switched, HIV-neutralizing antibodies to the CD4 binding site and correction by electrophilic gp120 immunogen. *AIDS*. 2014 Sep.
- 1. Morse DC, Park KE, **Chitsazzadeh V**, Li S, Young K, Gunther JR, Duvic M. Vulvar Primary Cutaneous CD8+ Aggressive Epidermotropic Cytotoxic T-Cell Lymphoma. *Int J Gynecol Pathol*. 2021 May.
- 2. Nguyen TN, Rajapakshe K, **Chitsazzadeh V**, Truong K, Schmults C, South A, Cho R, Coarfa C, Tsai KY. Genomic analysis reveals drivers of high-risk subsets of cutaneous squamous cell carcinoma. *JID*. 2017 Feb.
- 3. Ku AT, Shaver TM, Rao AS, Howard JM, Rodriguez CN, Miao Q, Garcia G, Le D, Yang D, Borowiak M, Cohen DN, **Chitsazzadeh V**, Diwan AH, Tsai KY, Nguyen H. TCF7L1 promotes skin tumorigenesis independently of β -catenin through induction of LCN2. *Elife*. 2017 May.
- 4. Feldmeyer L, Ching G, Vin H, Ma W, Bansal V, **Chitsazzadeh V**, Jahan-Tigh R, Chu EY, Fuller P, Maiti S, Davis RE, Cooper LJ, Tsai KY. Differential T-cell subset representation in cutaneous squamous cell carcinoma arising in immunosuppressed versus immunocompetent individuals. *Exp Dermatol*. 2016 Mar.
- 5. Vin H, Ching G, Ojeda SS, Adelmann CH, **Chitsazzadeh V**, Dwyer DW, Ma H, Ehrenreiter K, Baccarini M, Ruggieri R, Curry JL, Ciurea AM, Duvic M, Busaidy NL, Tannir NM, Tsai KY. Sorafenib suppresses JNK-dependent apoptosis through inhibition of ZAK. *Mol Cancer Ther*. 2014 Jan.
- 6. Poduri A, Heinzen EL, **Chitsazzadeh V**, Lasorsa FM, Elhosary PC, LaCoursiere CM, Martin E, Yuskaitis CJ, Hill RS, Atabay KD, Barry B, Partlow JN, Bashiri FA, Zeidan RM, Elmalik SA, Kabiraj MM, Kothare S, Stöckberg T, McTague A, Kurian MA, Scheffer IE, Barkovich AJ, Palmieri F, Salih MA, Walsh CA. SLC25A22 is a novel gene for migrating partial seizures in infancy. *Ann Neurol*. 2013 Dec.
- 7. Vin H, Ojeda SS, Ching G, Leung ML, **Chitsazzadeh V**, Dwyer DW, Adelmann CH, Restrepo M, Richards KN, Stewart LR, Du L, Ferguson SB, Chakravarti D, Ehrenreiter K, Baccarini M, Ruggieri R, Curry JL, Kim KB, Ciurea AM, Duvic M, Prieto VG, Ullrich SE, Dalby KN, Flores ER, Tsai KY. BRAF inhibitors suppress apoptosis through off-target inhibition of JNK signaling. *Elife*. 2013 Nov.
- 8. Poduri A, Wang Y, Gordon D, Barral-Rodriguez S, Barker-Cummings C, Ulgen A, **Chitsazzadeh V**, Hill RS, Risch N, Hauser WA, Pedley TA, Walsh CA, Ottman R. Novel susceptibility locus at chromosome 6q16.3-22.31 in a family with GEFS+. *Neurology*. 2009 Oct.
- 9. Call GB, Olson JM, Chen J, Villarasa N, Ngo KT, Yabroff AM, Cokus S, Pellegrini M, Bibikova E, Bui C, Cespedes A, Chan C, Chan S, Cheema AK, Chhabra A, **Chitsazzadeh V**, Do MT, etc, Banerjee U. Genomewide clonal analysis of lethal mutations in the *Drosophila melanogaster* eye: comparison of the X chromosome and autosomes. *Genetics*. 2007 Oct.