



California Northstate University College of Medicine 2022 Student Research Newsletter



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Greetings from the Research Office

Congratulations to all of you who have published, presented research at regional and national conferences, and/or have received research scholarships, fellowships and awards. We are proud of your accomplishments. We have compiled the most up to date information at hand here; if we are missing anything, we apologize in advance. We hope that this publication will further empower you to share your publications with us so we can feature them in future CNUCOM Office of Research publications. Thank you for all you do in advancing the CNU mission through your continued research efforts. We are looking forward to a new year full of research developments. Happy New Year!

Sincerely.

Dr. Catherine Yang, PhD
Interim Dean of Medicine
California Northstate University
College of Medicine



Dr. Catherine Yang, PhD

Dr. Arpita Vyas, MD
Associate Professor of Pediatric Endocrinology
Assistant Dean of Research
California Northstate University
College of Medicine



Dr. Arpita Vyas, MD

Class of 2022



Joshua Chong

Publications:

Wu X, Shi Z, Hsu DK, **Chong J**, Huynh M, Mendoza L, Yamada D, Hwang ST. A monocyte-keratinocyte-derived co-culture assay accurately identifies efficacies of BET inhibitors as therapeutic candidates for psoriasisiform dermatitis. J Dermatol Sci. 2020 Oct;100(1):31-38. doi: 10.1016/j.jdermsci.2020.08.005. Epub 2020 Aug 15. PMID: 32900573.

Wu, X., **Chong, J.**, Yu, S., Shi, Z., Mendoza, L., Huynh, M., Wang, K., Izumiya, Y., & Hwang, S. (2019). 687 BET inhibitor suppressed tumor growth and associated TME inflammation in mouse models of cutaneous T cell lymphoma. Journal of Investigative Dermatology, 139.



Charlotte Ellberg

Publications:

Han, Sophia & **Ellberg, Charlotte** & Olomu, Isoken & Vyas, Arpita. (2021). Gestational microbiome: Metabolic perturbations and developmental programming. 162. R85-98. 10.1530/REP-21-0241.

Ellberg CC, Sayler K, Hibell LC. Maternal distress across the postnatal period is associated with infant secretory immunoglobulin A. Developmental Psychobiology. 2019; 00:1–10. <https://doi.org/10.1002/dev.21934>.

Gounden V., **Ellberg CC.**, and Jialal I. "Laboratory Investigation of Disorders of the Pituitary Gland". Handbook of Diagnostic Endocrinology, 3rd Edition, Elsevier Press, 2019. Editors: Winter, Holmquist, Bertholf and Sokol.

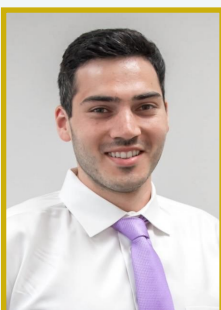
Conference Presentations:

Ellberg C, Sayler K, Hibell L.C. Maternal stress and mood across the postnatal period are associated with infant secretory immunoglobulin A; Poster Presented: Society for Research in Child Development Biennial Meeting; 2019 March 21-23; Baltimore Maryland.

Buhler-Wassman A, **Ellberg C**, Avelar S, Rodas K, Hibell L.C. Parenting Style, Infant Behavior, and Actigraphy-Recorded Sleep Quality in Mexican Origin Infants; Poster Presented: Society For Research in Child Development Biennial Meeting; 2019 March 21-23; Baltimore Maryland.

Research Awards:

SRCD Early Career Travel Award \$300. 2019.



Matthew Golden

Publications:

Chirikian, D, **Golden M**, Baumgarten N, Hejazi N. A Rare Case of Perianal Langerhans Cell Histiocytosis and Concurrent Right Abdominal Xanthogranuloma. Biomedical Journal of Scientific & Technical Research. 2020 November 9.

Janssen KH, Diaz MR, **Golden M**, Graham JW, Sanders W, Wolfgang MC, Yahr TL. Functional Analyses of the RsmY and RsmZ Small Noncoding Regulatory RNAs in Pseudomonas aeruginosa. J Bacteriol. 2018 May 9;200(11):e00736-17. doi: 10.1128/JB.00736-17.



Chris Blaine

Publications:

Blaine C, Chu M, Elsabee M, Downs A, Naqvi A, Acosta A and Lui F (2020). Clinical Review: Best Medical Therapy Superior to Carotid Endarterectomy in Secondary Stroke Prevention in Symptomatic Extracranial Internal Carotid Artery Stenosis of 50-69%. *Advancements in Case Studies*. 2020 Jan 7;2(3):ISSN 2639-0531. DOI: 10.31031/AICS.2020.02.000536.



Nathan Shon

Publications:

Hultgren NW, Fang JS, Ziegler ME, Ramirez RN, Phan DTT, Hatch MMS, Welch-Reardon KM, Paniagua AE, Kim LS, **Shon NN**, Williams DS, Mortazavi A, Hughes CCW. Slug regulates the Dll4-Notch-VEGFR2 axis to control endothelial cell activation and angiogenesis. *Nat Commun*. 2020 Oct 26;11(1):5400. doi: 10.1038/s41467-020-18633-z. PMID: 33106502; PMCID: PMC7588439.



Deyna Montes Velez

Publications:

Deyna Montes-Velez, William Bautista, Samantha Brophy, Justin Chatten-Brown, & Leonrard Rana-singhe. (2021). A Rare Case of Botulism in an Adult Patient. *Iberoamerican Journal of Medicine*, 3 (3), 276–279. <https://doi.org/10.5281/zenodo.4825690>



Sean Tafuri

Publications:

Tafuri SM & Lui F. Anencephaly: A review. *StatPearls*. 2019.
Tafuri SM & Lui F. Anencephaly: A review. Annual CNUCOM Research Poster Session. 2019.
Dwyer J, **Tafuri SM**, LaGrange CA. Oxybutynin. *StatPearls*. 2020.
Lai LY, **Tafuri SM**, Ginier EC, Herrel LA, Dahm P, Maisch P, Lane GI. Narrow band imaging versus white light cystoscopy alone for transurethral resection of non-muscle invasive bladder cancer. *Cochrane Database of Systematic Reviews*. 2021.
Tafuri SM & Quallich SA. Prostate Specific Antigen. In *Laboratory Screening and Diagnostic Evaluation: An Evidence-Based Approach for Advanced Practice Nurses and Physician Assistants*. Chapter #132, Springer Publishing. 2021. In Press.



Karen Lei

Publications:

Lei K, Kunnel, A, Metzger-Smith V, Golshan S, Javors J, Wei J, Lee R, Vaninetti M, Rutledge T, Leung A. "Diminished corticomotor excitability in Gulf War Illness related chronic pain symptoms; evidence from TMS study." Scientific Reports. Oct 2020; 10 (1): 18520. doi:10.1038/s41598-020-75006-8

Lei K, Metzger-Smith V, Javors J, Golshan S, Leung A. "The prevalence of GWI symptoms in different Gulf War periods and deployment durations." SAGE Open Medicine. Aug 2019; 7:2050312119871418. doi:10.1177/2050312119871418.

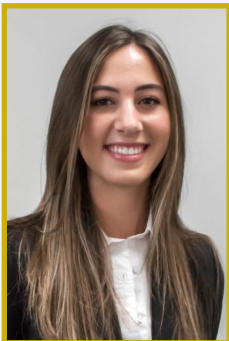


Lillian Abdelmalek

Publications:

Patel A, **Abdelmalek L**, Thompson A, Jialal I. Decreased homoserine levels in metabolic syndrome. Diabetes Metab Syndr. 2020 Jul-Aug;14(4):555-559. doi: 10.1016/j.dsx.2020.04.052. Epub 2020 May 6. PMID: 32413818.

Patel A, Thompson A, **Abdelmalek L**, Adams-Huet B, Jialal I. The relationship between tyramine levels and inflammation in metabolic syndrome. Horm Mol Biol Clin Investig. 2019 Nov 6;40(1):j/hmbci.2019.40.issue-1/hmbci-2019-0047/hmbci-2019-0047.xml. doi: 10.1515/hmbci-2019-0047. PMID: 31693494.



Ana Acosta

Publications:

Blaine C, Chu M, Elsabee M, Downs A, Naqvi A, **Acosta A** and Lui F (2020). Clinical Review: Best Medical Therapy Superior to Carotid Endarterectomy in Secondary Stroke Prevention in Symptomatic Extracranial Internal Carotid Artery Stenosis of 50-69%. Advancements in Case Studies. 2020 Jan 7;2(3):ISSN 2639-0531. DOI: 10.31031/



Ali Akram

Publications:

Gheyath B, **Akram A**, Gong R, Tovar J, Amsterdam E, Venugopal S. A 70-Year-Old Man With Conspicuous Thigh Pain and ST-Segment Elevations. Chest. 2021 Jun;159(6):e403-e407. doi: 10.1016/j.chest.2021.01.033. PMID: 34099158.

Research Grants:

National Institute of Aging Grant, Research at UCSF through the MSTAR (medical student training in aging research) Program. June-August 2019 .



Neel Brahme

Publications:

Stanton, E., Kondra, K., **BRAHME, I.S.**, Lasky, S., Munabi, N., Jimenez, C., Jacob, L., Urata, M., Hammoudeh, J., & Magee III, W. (2021, Sep). Timing of Tympanostomy Tube Placement on Hearing and Speech Outcomes for Patients with Cleft Lip and/or Palate: A Systematic Review. The Cleft Palate-Craniofacial Journal.

Roy P, **Brahme I**, Reddy RP, Wechsler L, Gleason T, Thirumala PD. Meta-Analysis of Perioperative Stroke and Mortality in CABG Patients With Carotid Stenosis. Neurologist. 2020 Sep;25(5):113-116. doi: 10.1097/NRL.0000000000000277. PMID: 32925480.

Conference Presentations:

Mashayekhi, K., Brahme, I, Kaida-Yip, F.. "A Rare Case of Gastric Outlet Obstruction Due to a Large Osteoclast-like Giant Cell Tumor of the Pancreatic Head". Oral Presentation, AHBPA 2021 Annual Meeting, Miami, FL, USA. August 6, 2021.



Jamie Ahn

Publications:

Zimmerman CA, Huey EL, **Ahn JS**, Beutler LR, Tan CL, Kosar S, Bai L, Chen Y, Corpuz TV, Madisen L, Zeng H, Knight ZA. A gut-to-brain signal of fluid osmolarity controls thirst satiation. Nature. 2019 Apr;568(7750):98-102. doi: 10.1038/s41586-019-1066-x. Epub 2019 Mar 27. PMID: 30918408; PMCID: PMC6483081.

Beutler LR, Corpuz TV, **Ahn JS**, Kosar S, Song W, Chen Y, Knight ZA. Obesity causes selective and long-lasting desensitization of AgRP neurons to dietary fat. Elife. 2020 Jul 28;9:e55909. doi: 10.7554/eLife.55909. PMID: 32720646; PMCID: PMC7398661.

Bai L, Mesgarzadeh S, Ramesh KS, Huey EL, Liu Y, Gray LA, Aitken TJ, Chen Y, Beutler LR, **Ahn JS**, Madisen L, Zeng H, Krasnow MA, Knight ZA. Genetic Identification of Vagal Sensory Neurons That Control Feeding. Cell. 2019 Nov 14;179(5):1129-1143.e23. doi: 10.1016/j.cell.2019.10.031. PMID: 31730854; PMCID: PMC6916730.

Scholarships:

NIDDK Award – UCSF - 2019 Medical Research Program in Diabetes



Matt Burgess

Publications:

Burgess MD, Lui F. Anatomy, Bony Pelvis and Lower Limb, Pelvic Bones. 2021 Jul 27. In: StatPearls [Internet]. Treasure Island (FL): StatPearls Publishing; 2021 Jan-. PMID: 31869061.



Leslie Cachola

Publications:

Cachola Leslie, Du Julia, Schlain Gabrielle, and Ranasinghe Leonard, Raymond Keith A Methamphetamine-Associated Cardiomyopathy: A Looming Epidemic for A New Generation Received: December 04, 2020; Published: December 11, 2020. DOI: 10.34297/AJBSR.2020.11.001612

Scholarships and Grants:

Hazelden Betty Ford Foundation - Student Immersion in Medicine Series Full Scholarship on Addiction Medicine.

Chicago Minority Medical Students in Emergency Medicine - Grant for research and EM Immersion/ Rotation Program. June-August 2019.



Josiah Chang

Publications:

Vyas, Dinesh & **Chang, Josiah** & Goyal, Megha & Obad, Nashwan & Ramdass, Prakash & So-davarapu, Soujanya. (2020). Underwater Colonoscopy Training for Surgery Residents More Effective Than Air-Insufflation Colonoscopy Training. Journal of the American College of Surgeons. 231. e203. 10.1016/j.jamcollsurg.2020.08.541.



Alexandra MacHugh

Research Scholarships:

Placer-Nevada County Medical Society Scholarship Award (2021) - awarded on the basis of scholastic achievement, community service, integrity, collaboration, and a passion to become a physician.



Isaac Chen

Publications:

Chen I, Lui F. Neuroanatomy, Neuron Action Potential. 2021 Aug 11. In: StatPearls [Internet]. Treasure Island (FL): StatPearls Publishing; 2021 Jan-. PMID: 31536246.

Chen I, Cassaro S. Physiology, Bile Acids. 2021 May 9. In: StatPearls [Internet]. Treasure Island (FL): StatPearls Publishing; 2021 Jan-. PMID: 31747172.

Chen I, Lui F. Physiology, Active Transport. [Updated 2021 Sep 14]. In: StatPearls [Internet]. Treasure Island (FL): StatPearls Publishing; 2021 Jan-. Available from: <https://www.ncbi.nlm.nih.gov/books/NBK547718/>



Adrianne Pan

Publications:

Hai J, Nguyen M, Hasan A, **Pan A**, Engel T, Sivamani R. Patient perceptions about nutrition and skin health: a survey study characterizing patient opinions and information resources. *Dermatol Online J*. 2021 Jan 15;27(1):13030/qt32z9m11c. PMID: 33560786.

Pan A, Gerriets V. Etanercept. 2021 Mar 25. In: StatPearls [Internet]. Treasure Island (FL): StatPearls Publishing; 2021 Jan-. PMID: 31424836.



Mollee Chu

Publications:

Blaine C, **Chu M**, Elsabee M, Downs A, Naqvi A, Acosta A and Lui F (2020). Clinical Review: Best Medical Therapy Superior to Carotid Endarterectomy in Secondary Stroke Prevention in Symptomatic Extracranial Internal Carotid Artery Stenosis of 50-69%. *Advancements in Case Studies*. 2020 Jan 7;2(3):ISSN 2639-0531. DOI: 10.31031/AICS.2020.02.000536.



Julia Du

Publications:

Cachola Leslie, Du Julia, Schlain Gabrielle, and Ranasinghe Leonard, Raymond Keith A Methamphetamine-Associated Cardiomyopathy: A Looming Epidemic for A New Generation Received: December 04, 2020; Published: December 11, 2020. DOI: 10.34297/AJBSR.2020.11.001612



Raven Brower

Publications:

Brower RK, Ghlichloo IA, Shabgahi V, Elsholz D, Menon RK, Vyas AK. Liddle Syndrome due to a Novel c.1713 Deletion in the Epithelial Sodium Channel β -Subunit in a Normotensive Adolescent. *AACE Clin Case Rep*. 2020 Dec 28;7(1):65-68. doi: 10.1016/j.aace.2020.11.017. PMID: 33851023; PMCID: PMC7924163.



Robert Dang

Publications:

Wehrle BA, Herrel A, Nguyen-Phuc BQ, Maldonado S Jr, **Dang RK**, Agnihotri R, Tadić Z, German DP. Rapid Dietary Shift in *Podarcis siculus* Resulted in Localized Changes in Gut Function. *Physiol Biochem Zool*. 2020 Sep/Oct;93(5):396-415. doi: 10.1086/709848. PMID: 32783702.



Aaron Downs

Publications:

Blaine C, Chu M, Elsabee M, **Downs A**, Naqvi A, Acosta A and Lui F (2020). Clinical Review: Best Medical Therapy Superior to Carotid Endarterectomy in Secondary Stroke Prevention in Symptomatic Extracranial Internal Carotid Artery Stenosis of 50-69%. *Advancements in Case Studies*. 2020 Jan 7;2(3):ISSN 2639-0531. DOI: 10.31031/AICS.2020.02.000536.



Julie Eggleton

Publications:

Eggleton JS, Jialal I. Thiazolidinediones. 2021 Sep 28. In: StatPearls [Internet]. Treasure Island (FL): StatPearls Publishing; 2021 Jan–. PMID: 31869120.

Eggleton JS, Cunha B. Anatomy, Abdomen and Pelvis, Pelvic Outlet. 2021 Aug 25. In: StatPearls [Internet]. Treasure Island (FL): StatPearls Publishing; 2021 Jan–. PMID: 32491534.

Eggleton JS, Nagalli S. Highly Active Antiretroviral Therapy (HAART). 2021 Jul 8. In: StatPearls [Internet]. Treasure Island (FL): StatPearls Publishing; 2021 Jan–. PMID: 32119420.



Mina Elsabee

Publications:

Blaine C, Chu M, **Elsabee M**, Downs A, Naqvi A, Acosta A and Lui F (2020).
Clinical Review: Best Medical Therapy Superior to Carotid Endarterectomy in Secondary
Stroke Prevention in Symptomatic Extracranial Internal Carotid Artery Stenosis of 50-69%.
Advancements in Case Studies. 2020 Jan 7;2(3):ISSN 2639-0531. DOI: 10.31031/
AICS.2020.02.000536.



Connor Gehris

Publications:

Reed-Guy S, **Gehris C**, Shi M, Blumstein DT. Sensitive plant (*Mimosa pudica*) hiding time de-
pends on individual and state. PeerJ. 2017 Jul 31;5:e3598. doi: 10.7717/peerj.3598. PMID:
28785516; PMCID: PMC5541926.



Ida Ghlichloo

Publications:

Brower RK, **Ghlichloo IA**, Shabgahi V, Elsholz D, Menon RK, Vyas AK. Liddle Syndrome due to a
Novel c.1713 Deletion in the Epithelial Sodium Channel β -Subunit in a Normotensive Adoles-
cent. AACE Clin Case Rep. 2020 Dec 28;7(1):65-68. doi: 10.1016/j.aace.2020.11.017. PMID:
33851023; PMCID: PMC7924163.



Melanie Hew

Publications:

Hew MR, Gerriets V. Prostaglandin E1. 2021 Apr 17. In: StatPearls [Internet]. Treasure Island (FL):
StatPearls Publishing; 2021 Jan-. PMID: 31536236.



Jason Kuan

Publications:

Simmons DA, Mills BD, Butler Iii RR, **Kuan J**, McHugh TLM, Akers C, Zhou J, Syriani W, Grouban M, Zeineh M, Longo FM. Neuroimaging, Urinary, and Plasma Biomarkers of Treatment Response in Huntington's Disease: Preclinical Evidence with the p75NTR Ligand LM11A-31. *Neurotherapeutics*. 2021 Apr;18(2):1039-1063. doi: 10.1007/s13311-021-01023-8. Epub 2021 Mar 30. PMID: 33786806; PMCID: PMC8423954.

Simmons DA, James ML, Belichenko NP, Semaan S, Condon C, **Kuan J**, Shuhendler AJ, Miao Z, Chin FT, Longo FM. TSPO-PET imaging using [18F]PBR06 is a potential translatable biomarker for treatment response in Huntington's disease: preclinical evidence with the p75NTR ligand LM11A-31. *Hum Mol Genet*. 2018 Aug 15;27(16):2893-2912. doi: 10.1093/



Rogelio Molina

Publications:

Rogelio Enrique Molina, BS, Tiffany Shao, BS, Harmanprit Randhawa, BS, Vanessa Hoang, BS, Arpita Kalla Vyas, MD, MON-028 Chronic Resveratrol Exposure Improves Glucose Homeostasis and Cardiac Function in a Rat Model of Polycystic Ovarian Syndrome, *Journal of the Endocrine Society*, Volume 4, Issue Supplement_1, April-May 2020, MON-028, <https://doi.org/10.1210/jendso/bvaa046.846>



Cindy Ma

Publications:

Darwish OA, Aggarwal A, Karvar M, **Ma C**, Haug V, Wu M, Orgill DP, Panayi AC. Adherence to Personal Protective Equipment Guidelines During the COVID-19 Pandemic Among Healthcare Personnel in the United States. *Disaster Med Public Health Prep*. 2021 Jan 8:1-8. doi: 10.1017/dmp.2021.12. Epub ahead of print. PMID: 33413704.

Aggarwal A, Darwish OA, Karvar M, **Ma C**, Wu M, Haug V, Orgill DP, Panayi AC. Adherence to Personal Protective Equipment Guidelines During the COVID-19 Pandemic Among Health-Care Personnel: A Louisiana Case Study. *Disaster Med Public Health Prep*. 2021 Jun 8:1-4. doi: 10.1017/dmp.2021.176. Epub ahead of print. PMID: 34099072; PMCID: PMC8314049.

Payne K, Li W, Salomon R, **Ma CS**. OMIP-063: 28-Color Flow Cytometry Panel for Broad Human Immunophenotyping. *Cytometry A*. 2020 Aug;97(8):777-781. doi: 10.1002/cyto.a.24018. Epub 2020 Apr 16. PMID: 32298042.



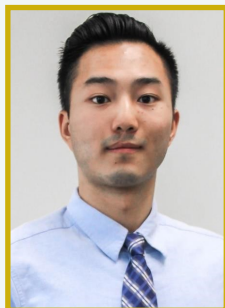
Aasim Naqvi

Publications:

Chen KY, Bush K, Klein RH, Cervantes V, Lewis N, **Naqvi A**, Carcaboso AM, Lechpammer M, Knoepfler PS. Reciprocal H3.3 gene editing identifies K27M and G34R mechanisms in pediatric glioma including NOTCH signaling. *Commun Biol*. 2020 Jul 9;3(1):363. doi: 10.1038/s42003-020-1076-0. PMID: 32647372; PMCID: PMC7347881.

Blaine C, Chu M, Elsabee M, Downs A, **Naqvi A**, Acosta A and Lui F (2020).

Clinical Review: Best Medical Therapy Superior to Carotid Endarterectomy in Secondary Stroke Prevention in Symptomatic Extracranial Internal Carotid Artery Stenosis of 50-69%. *Advancements in Case Studies*. 2020 Jan 7;2(3):ISSN 2639-0531. DOI: 10.31031/



Peter Lee

Publications:

Liu HW, **Lee PM**, Bamodu OA, Su YK, Fong IH, Yeh CT, Chien MH, Kan IH, Lin CM. Enhanced Hsa-miR-181d/p-STAT3 and Hsa-miR-181d/p-STAT5A Ratios Mediate the Anticancer Effect of Garcinol in STAT3/5A-Addicted Glioblastoma. *Cancers (Basel)*. 2019 Nov 27;11(12):1888. doi: 10.3390/cancers11121888. Erratum in: *Cancers (Basel)*. 2020 Oct 01;12(10): PMID: 31783691; PMCID: PMC6966688.

Lee PM, Gerriets V. Nitrates. 2021 Jul 13. In: StatPearls [Internet]. Treasure Island (FL): StatPearls Publishing; 2021 Jan-. PMID: 31424733.



Emily Nguyen

Publications:

Nguyen E, Trinh S, Trinh H, Nguyen H, Nguyen K, Do A, Levitt B, Do S, Nguyen M, Purohit T, Shieh E, Nguyen MH. Sustained virologic response rates in patients with chronic hepatitis C genotype 6 treated with ledipasvir+sofosbuvir or sofosbuvir+velpatasvir. *Aliment Pharmacol Ther*. 2019 Jan;49(1):99-106. doi: 10.1111/apt.15043. Epub 2018 Nov 22. PMID: 30467877.



Ajay Patel

Publications:

Patel A, Abdelmalek L, Thompson A, Jialal I. Decreased homoserine levels in metabolic syndrome. *Diabetes Metab Syndr*. 2020 Jul-Aug;14(4):555-559. doi: 10.1016/j.dsx.2020.04.052. Epub 2020 May 6. PMID: 32413818.

Patel A, Jialal I. Biochemistry, Immunoglobulin A. 2021 May 9. In: StatPearls [Internet]. Treasure Island (FL): StatPearls Publishing; 2021 Jan-. PMID: 31855360.

Jialal I, **Patel A**, Devaraj S, Adams-Huet B. Metabolites that activate the inflammasome in nascent metabolic syndrome. *J Diabetes Complications*. 2021 Mar;35(3):107836. doi: 10.1016/j.jdiacomp.2020.107836. Epub 2020 Dec 31. PMID: 33422385.



Michael Sa

Publications:

Liao SY, Showalter MR, Linderholm AL, Franzl L, Kivler C, Li Y, **Sa MR**, Kons ZA, Fiehn O, Qi L, Zeki AA, Kenyon NJ. L-Arginine supplementation in severe asthma. *JCI Insight*. 2020 Jul 9;5(13):e137777. doi: 10.1172/jci.insight.137777. PMID: 32497023; PMCID: PMC7406254.

Barupal DK, Fan S, Wancewicz B, Cajka T, **Sa M**, Showalter MR, Baillie R, Tenenbaum JD, Louie G; Alzheimer's Disease Neuroimaging Initiative; Alzheimer's Disease Metabolomics Consortium, Kaddurah-Daouk R, Fiehn O. Generation and quality control of lipidomics data for the alzheimer's disease neuroimaging initiative cohort. *Sci Data*. 2018 Nov 20;5:180263. doi: 10.1038/sdata.2018.263. PMID: 30457571; PMCID: PMC6244184.



Venus Shabgahi

Publications:

Brower RK, Ghlichloo IA, **Shabgahi V**, Elsholz D, Menon RK, Vyas AK. Liddle Syndrome due to a Novel c.1713 Deletion in the Epithelial Sodium Channel β -Subunit in a Normotensive Adolescent. AACE Clin Case Rep. 2020 Dec 28;7(1):65-68. doi: 10.1016/j.aace.2020.11.017. PMID: 33851023; PMCID: PMC7924163.



Dovy Sidhu

Publications:

Sidhu PS, Lui F. Embryology, Ductus Venosus. 2021 Jul 26. In: StatPearls [Internet]. Treasure Island (FL): StatPearls Publishing; 2021 Jan—. PMID: 31613539.

Sidhu PS, Stuempfig, N. Is it a pneumothorax? an unusual post-thoracentesis radiograph. Academic Life in Emergency medicine. 2020 Sept. <https://www.aliem.com/pneumothorax-unusual-post-thoracentesis-radiograph/>



Hunter Smothers

Publications:

Chun KC, Anderson RC, **Smothers HC**, Sood K, Irwin ZT, Wilson MD, Lee ES. Risk of developing an abdominal aortic aneurysm after ectatic aorta detection from initial screening. J Vasc Surg. 2020 Jun;71(6):1913-1919. doi: 10.1016/j.jvs.2019.08.252. Epub 2019 Nov 7. PMID: 31708297; PMCID: PMC7203000.



Tiffany Shao

Publications:

Rogelio Enrique Molina, BS, **Tiffany Shao**, BS, Harmanprit Randhawa, BS, Vanessa Hoang, BS, Arpita Kalla Vyas, MD, MON-028 Chronic Resveratrol Exposure Improves Glucose Homeostasis and Cardiac Function in a Rat Model of Polycystic Ovarian Syndrome, Journal of the Endocrine Society, Volume 4, Issue Supplement_1, April-May 2020, MON-028, <https://doi.org/10.1210/jendso/bvaa046.846>



Sarah Stinson

Publications:

Stinson S, Chieng A, Prochaska JJ. Discretionary spending priorities of unemployed, job-seeking adults who smoke cigarettes. *Addict Behav Rep.* 2020 Mar 20;11:100270. doi: 10.1016/j.abrep.2020.100270. PMID: 32274416; PMCID: PMC7132062.

Prochaska JJ, Brown-Johnson C, Baiocchi M, Lazaro AS, Chieng A, **Stinson S**, Anzai N. Treating tobacco dependence to aid re-employment among job-seekers: A randomized controlled trial. *Prev Med.* 2020 Dec;141:106259. doi: 10.1016/j.ypmed.2020.106259. Epub 2020 Oct 3. PMID: 33022318; PMCID: PMC7704695.



Austin Thompson

Publications:

Patel A, Abdelmalek L, **Thompson A**, Jialal I. Decreased homoserine levels in metabolic syndrome. *Diabetes Metab Syndr.* 2020 Jul-Aug;14(4):555-559. doi: 10.1016/j.dsx.2020.04.052. Epub 2020 May 6. PMID: 32413818.

Patel A, **Thompson A**, Abdelmalek L, Adams-Huet B, Jialal I. The relationship between tyramine levels and inflammation in metabolic syndrome. *Horm Mol Biol Clin Investig.* 2019 Nov 6;40(1):/j/hmbci.2019.40.issue-1/hmbci-2019-0047/hmbci-2019-0047.xml. doi: 10.1515/hmbci-



Michael Xi

Publications:

Xi M, Gerriets V. Prostaglandin E2 (Dinoprostone) [Updated 2021 Jul 25]. In: StatPearls [Internet]. Treasure Island (FL): StatPearls Publishing; 2021 Jan-. Available from: <https://www.ncbi.nlm.nih.gov/books/NBK545279/>

Xi M, Lui F. Neuroanatomy, Neural Crest. 2021 Jul 26. In: StatPearls [Internet]. Treasure Island (FL): StatPearls Publishing; 2021 Jan-. PMID: 31613480.



Kevin Yee

Publications:

Yee K, Lui F. Anatomy, Thorax, Heart Foramen Ovale. 2021 Jul 28. In: StatPearls [Internet]. Treasure Island (FL): StatPearls Publishing; 2021 Jan-. PMID: 31424787.



Derek Yip

Publications:

Yip DW, Gerriets V. Penicillin. 2021 Sep 30. In: StatPearls [Internet]. Treasure Island (FL): StatPearls Publishing; 2021 Jan–. PMID: 32119447.

Yip DW, Lui F. Physiology, Motor Cortical. 2021 Sep 20. In: StatPearls [Internet]. Treasure Island (FL): StatPearls Publishing; 2021 Jan–. PMID: 31194345.



Melanie Yoshihara

Publications:

Yoshihara MK, Lui F. Neuroanatomy, Bitemporal Hemianopsia. 2021 Aug 11. In: StatPearls [Internet]. Treasure Island (FL): StatPearls Publishing; 2021 Jan–. PMID: 31424797.



Sophia Han

Publications:

Han, Sophia & Ellberg, Charlotte & Olomu, Isoken & Vyas, Arpita. (2021). Gestational microbiome: Metabolic perturbations and developmental programming. 162. R85-98. 10.1530/REP-21-0241.

Mather, Mara & Huang, Ringo & Clewett, David & Nielsen, Shawn & Velasco, Ricardo & Tu, Kristie & **Han, Sophia** & Kennedy, Briana. (2019). Isometric exercise facilitates attention to salient events in women via the noradrenergic system. 10.1101/749002.

Conference Presentations:

Hussain, Sana & Alizadeh Shalchy, Mahsa & Yaghoubi, Kimia & Langley, Jason & Chen, Xu & Bennett, Ilana & Huang, Ringo & Clewett, David & Nielsen, Shawn & Velasco, Rico & Kennedy, Briana & **Han, Sophia** & Tu, Kristie & Seitz, Aaron & Zhang, Nanyin & Mather, Mara & Hu, Xiaoping & Peters, Megan. (2019). Locus Coeruleus Engagement Drives Network Connectivity Dynamics In Humans And Rats. 10.32470/CCN.2019.1366-0.

Class of 2023

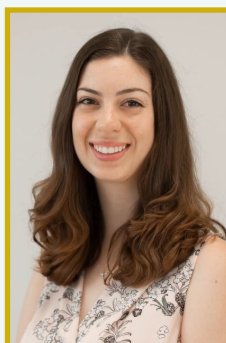


Sohan Asware

Publications:

Chirikian D, **Awsare S**, Fitzgibbon J, Lee L. Concurrent Clostridium septicum bacteremia and colorectal adenocarcinoma with metastasis to the brain - A Case Report. IDCases. 2021 Jun 11;25:e01189. doi: 10.1016/j.idcr.2021.e01189. PMID: 34189038; PMCID: PMC8220233. Yip

Awsare S, Chirikian D, Lui F. Wound Botulism Caused by Botulinum Neurotoxin Type A in a Chronic Parenteral Drug Abuser. Case Rep Neurol. 2020 Nov 12;12(3):422-427. doi: 10.1159/000510846. PMID: 33362521; PMCID: PMC7747075.



Kathleen Barnett

Publications:

Robinow, Zoe & **Barnett, Kathleen** & Geraghty, John. (2021). Conus Medullaris Infarction in a Patient With Familial Mediterranean Fever: A Case Report.. The Permanente journal. 10.7812/TPP/21.029.



Simranjeet Benipal

Publications:

Benipal S, Kuppermann N, Tancredi DJ, Rivara FP, Wang J, Nishijima DK. Discriminatory Capacity of the Physical Domain versus the Full-Scale Pediatric Quality of Life Inventory with Traumatic Brain Injury Severity in Children. Am J Phys Med Rehabil. 2021 Oct 20. doi: 10.1097/PHM.0000000000001911. Epub ahead of print. PMID: 34686628.

Abala MA, **Benipal S**, Shen A, Puglisi J, Ranasinghe L. ED Acuity in Patients with Respiratory Complaint During the COVID-19 Pandemic: A Single-center Experience. 2020 August;9(6). AJBSR. DOI: 10.34297/AJBSR.2020.09.001454.

Erramouspe PJ, García-Pintos MF, **Benipal S**, Manoukian MAC, Santamarina JL, Shawagga HG, Vo LL, Galante JM, Nishijima D. Mortality and Complication Rates in Adult Trauma Patients Receiving Tranexamic Acid: A Single-center Experience in the Post-CRASH-2 Era. Acad Emerg Med. 2020 May;27(5):358-365. doi: 10.1111/acem.13883. Epub 2020 Mar 19. PMID: 32189440.

Conference Presentations:

Dahm P, Koziarz A, Gerardo CJ, **Benipal S**, Nishijima DK, Jung JK, and Raja AS. "MP54-01 A SYSTEM-ATIC REVIEW OF CLINICAL SIGNS AND SYMPTOMS, PREDICTION RULES AND IMAGING MODALITIES IN PATIENTS WITH SUSPECTED RENAL COLIC." The Journal of Urology 206.Supplement 3 (2021): e948-e948.



Jacob Avaylon

Publications:

Asahi MG, **Avaylon J**, Wallsh J, Gallemore RP. Emerging biological therapies for the treatment of age-related macular degeneration. *Expert Opin Emerg Drugs*. 2021 Jun;26(2):193-207. doi: 10.1080/14728214.2021.1931120. Epub 2021 Jun 2. PMID: 34030572.

Mukkamala LK, **Avaylon J**, Welch RJ, Yazdanyar A, Emami-Naeini P, Wong S, Storkersen J, Loo J, Cunefare D, Farsiu S, Moshiri A, Park SS, Yiu G. Intraoperative Retinal Changes May Predict Surgical Outcomes After Epiretinal Membrane Peeling. *Transl Vis Sci Technol*. 2021 Feb 5;10(2):36. doi: 10.1167/tvst.10.2.36. PMID: 34003921; PMCID: PMC7910632.

Avaylon J, Yiu G. Ocular gene therapy: The next generation. *The Retina Specialist*. 2021.

Avaylon J, Gallemore R. Chapter on Illumination. In: Fekrat, S, ed. *Duke Manual of Vitreoretinal Surgery*. 1st ed. Philadelphia: Lippincott Williams & Wilkins; 2020:46-29

Ge P*, Scholl D*, Prokhorov NS, **Avaylon J**, Shneider MM, Browning C, Buth SA, Plattner M, Ding K, Leiman PG, Miller JF, Zhou ZH. Action of a minimal contractile bactericidal nanomachine. *Nature*. 2020. doi:10.1038/s41586-020-2186-z.

Avaylon J, Lee S, Gallemore RP. Case Series on Initial Responses to Intravitreal Brodalumab in Patients with Recalcitrant Chronic Wet Age-Related Macular Degeneration. *Int Med Case Rep J*. 2020 May 11;13:145-152. doi: 10.2147/IMCRJ.S252260. PMID: 32494207; PMCID: PMC7231770.

Avaylon J, Gallemore R. Verteporfin Photodynamic Therapy for the Treatment of Choroidal Conditions — An Overview. *US Ophthalmic Review*. 2019;12(2):69-78

Yu JH, **Avaylon J**, Kil H, Kim JK, Gallemore R. A case of Legionnaire's endophthalmitis. *Int Med Case Rep J*. 2019;12:173–177. 2019. doi:10.2147/IMCRJ.S184046

Yu I, Nguyen L, **Avaylon J**, Wang K, Lai M, Zhou ZH. Building atomic models based on near atomic resolution cryoEM maps with existing tools. *J Struct Biol*. 2018;204(2):313–318. doi:10.1016/j.jsb.2018.08.004

Conference Presentations

Avaylon J, Mukkamala LK, Welch RJ, et al. Intraoperative Retinal Changes May Predict Surgical Outcomes After Epiretinal Membrane Peeling. Poster Presentation presented at ARVO (The Association for Research in Vision and Ophthalmology). May 2021.

Avaylon J, Lau K, Harter K, Mamoor A, Durant E. Case Report: Neuroretinitis in the setting of Cat Scratch Disease. Poster Presentation presented at the Annual CNU Research Day. April 2021.

Research Scholarships:

2020 J. William Kohl Summer Research Scholarship. University of California-Davis.



David Chirikian II

Publications:

Chirikian D, Awsare S, Fitzgibbon J, Lee L. Concurrent Clostridium septicum bacteremia and colorectal adenocarcinoma with metastasis to the brain - A Case Report. IDCases. 2021 Jun 11;25:e01189. doi: 10.1016/j.idcr.2021.e01189. PMID: 34189038; PMCID: PMC8220233.

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Awsare S, **Chirikian D**, Lui F. Wound Botulism Caused by Botulinum Neurotoxin Type A in a Chronic Parenteral Drug Abuser. Case Rep Neurol. 2020 Nov 12;12(3):422-427. doi: 10.1159/000510846. PMID: 33362521; PMCID: PMC7747075.

David Chirikian, Matthew Golden, Nathan Baumgarten, Nazila Hejazi. A Rare Case of Perianal Langerhans Cell Histiocytosis and Concurrent Right Abdominal Xanthogranuloma. Bio-med J Sci & Tech Res 31(5)-2020. BJSTR. MS.ID.005152.



Oliver Darwish

Publications:

Darwish OA, Aggarwal A, Karvar M, Ma C, Haug V, Wu M, Orgill DP, Panayi AC. Adherence to Personal Protective Equipment Guidelines During the COVID-19 Pandemic Among Health Care Personnel in the United States. Disaster Med Public Health Prep. 2021 Jan 8;1-3. doi: 10.1017/dmp.2021.12. Epub ahead of print. PMID: 33413704; PMCID: PMC8010287.

Aggarwal A, **Darwish OA**, Karvar M, Ma C, Wu M, Haug V, Orgill DP, Panayi AC. Adherence to Personal Protective Equipment Guidelines During the COVID-19 Pandemic Among Health-Care Personnel: A Louisiana Case Study. Disaster Med Public Health Prep. 2021 Jun 8;1-4. doi: 10.1017/dmp.2021.176. Epub ahead of print. PMID: 34099072; PMCID: PMC8314049.



Pranshul Goel

Publications:

Goel P, Gerriets V. Chloroquine. 2021 Jul 28. In: StatPearls [Internet]. Treasure Island (FL): StatPearls Publishing; 2021 Jan-. PMID: 31855356.



Jericho Hallare

Publications:

Hallare J, Gerriets V. Half Life. 2021 Aug 23. In: StatPearls [Internet]. Treasure Island (FL): StatPearls Publishing; 2021 Jan—. PMID: 32119385.

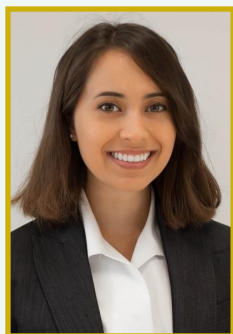
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Siri Khalsa

Publications:

Islam RA, **Khalsa SSS**, Vyas AK, Rahimian R. Sex-Specific Impacts of Exercise on Cardiovascular Remodeling. J Clin Med. 2021 Aug 26;10(17):3833. doi: 10.3390/jcm10173833. PMID: 34501285; PMCID: PMC8432130.



Sabrina Christensen

Conference Presentations/Awards:

"SIRTUIN-3 Regulates Insulin Signaling Pathway in Adipocytes" at the Council of Young Filipino Americans in Medicine National Conference in October 2020 and won Judges' Choice Abstract



Nifour Khanna

Publications:

Niloufar Khanna, Amrita Arora, Cara A. Liebert, Peter Johannet, John Leppert, Brian Dietrich, Christine Y. Louie, Hubert D. Lau, Kristin C. Jensen, Melissa Clark, Ryanne A. Brown. Bilateral inguinal HPV-related squamous cell carcinomas with warty-basaloid features: An unusual presentation in a non-penile location. *Current Problems in Cancer: Case Reports*, Volume 2. December 2020. 100036, ISSN 2666-6219. <https://doi.org/10.1016/j.cpcr.2020.100036>.

Khanna, Niloufar; Kline, Merisa; Weimer-Elder, Barbette; Hall, Alex. "A Quality Improvement Project for the Resident Communication Assessment Program." *The Beryl Institute Patient Experience Grant Program Series*. October 13, 2020.

Khanna NR, Gerriets V. Interferon. [Updated 2020 Mar 4]. In: StatPearls [Internet]. Treasure Island (FL): StatPearls Publishing; 2020 Jan. PMID: 32310392.

Khanna NR, Gerriets V. Beta Lactamase Inhibitors. [Updated 2020 May 2]. In: StatPearls [Internet]. Treasure Island (FL): StatPearls Publishing; 2020 Jan. PMID: 32491524.

Akhavan BJ, **Khanna NR**, Vijhni P. Amoxicillin. [Updated 2020 Apr 21]. In: StatPearls [Internet]. Treasure Island (FL): StatPearls Publishing; 2020 Jan. PMID: 29489203.

Rubin R, **Khanna NR**, McIver LA. Aspart Insulin. [Updated 2020 May 28]. In: StatPearls [Internet]. Treasure Island (FL): StatPearls Publishing; 2020 Jan. PMID: 29763206.

Babaesfahani A, **Khanna NR**, Kuns B. Natalizumab. [Updated 2020 May 12]. In: StatPearls [Internet]. Treasure Island (FL): StatPearls Publishing; 2020 Jan. PMID:30480940.

Islam N, **Khanna NR**, Zito PM. Insulin Lispro. [Updated 2020 Jun 2]. In: StatPearls [Internet]. Treasure Island (FL): StatPearls Publishing; 2020 Jan. PMID: 29939617.

Conference Presentations

Niloufar Khanna, Merisa Kline, Barbette Weimer-Elder. Engaging Future Physicians to Build Relationship-Centered Care at Stanford Medicine. Beryl Institute Patient Experience Conference April 26th, 2021.

Niloufar Khanna. Disparities in Reporting of Race and Participation by Race in Genomic Studies – San Antonio Breast Cancer Conference. Dec 10th, 2020.

Niloufar Khanna, Merisa Kline, Barbette Weimer-Elder. Improving the Resident Communication Assessment Program through Program Evaluation. June 28, 2019 -- Presented at: Stanford Health Care Meeting of Service Medical Directors.



Kimberly Lau

Publications:

Lau KE, Lui F. Physiology, Prostaglandin I2. 2021 Sep 2. In: StatPearls [Internet]. Treasure Island (FL): StatPearls Publishing; 2021 Jan—. PMID: 32965944.



Alexandra Lee

Conference Presentations:

Lee, Alexandra. "SIRTUIN-3 Regulates Insulin Signaling Pathway in Adipocytes" at the Council of Young Filipino Americans in Medicine National Conference in October 2020 and won Judges' Choice Abstract



Vincent Ma

Publications:

Guan A, **Ma V**, Bakshi AC, Agustines D. The Importance of Patient-Centered Care in Colon Cancer Patients With Severe Mental Illness. Cureus. 2021 Jul 14;13(7):e16386. doi: 10.7759/cureus.16386. PMID: 34408939; PMCID: PMC8362867.



Perneet Powar

Publications:

Iacono JM, Dougherty RM, **Puska P**. Dietary fats and the management of hypertension. Can J Physiol Pharmacol. 1986 Jun;64(6):856-62. doi: 10.1139/y86-148. PMID: 3756643.



Zoe Robinow

Publications:

Robinow ZM, Peterson C, Waldau B, Shahlaie K. Supraorbital Keyhole Craniotomy via Eyebrow Incision: A Systematic Review and Meta-Analysis. *World Neurosurg*. 2021 Nov 11:S1878-8750(21)01714-9. doi: 10.1016/j.wneu.2021.11.015. Epub ahead of print. PMID: 34775096.

Zoe Robinow, BS1; Kathleen Barnett, BS1; John Geraghty, MD1,2 Conus Medullaris Infarction in a Patient With Familial Mediterranean Fever: A Case Report. *Perm J* 2021;25:21.029 <https://doi.org/10.7812/TPP/21.029>. E-pub: 06/09/2021



Abha Sathe

Publications:

Sathe A, Gerriets V. Medroxyprogesterone. 2021 Jun 7. In: StatPearls [Internet]. Treasure Island (FL): StatPearls Publishing; 2021 Jan–. PMID: 32644618.

Sathe A, Cusick JK. Biochemistry, Immunoglobulin M. 2021 Jan 2. In: StatPearls [Internet]. Treasure Island (FL): StatPearls Publishing; 2021 Jan–. PMID: 32310455.

Sathe AR, Thiemann A, Toulouie S, Durant E. A 19-Year-Old Woman with a History of Depression and Fatal Cardiorespiratory Failure Following an Overdose of Prescribed Bupropion. *Am J Case Rep*. 2021 Jul 26;22:e931783. doi: 10.12659/AJCR.931783. PMID: 34305134; PMCID: PMC8323741.



Adithya Shekhar

Publications:

Nedopil AJ, **Shekhar A**, Howell SM, Hull ML. An insert with less than spherical medial conformity causes a loss of passive internal rotation after calipered kinematically aligned TKA. *Arch Orthop Trauma Surg*. 2021 Dec;141(12):2287-2294. doi: 10.1007/s00402-021-04054-0. Epub 2021 Jul 15. PMID: 34264381; PMCID: PMC8595155.



Ravina Sidhu

Publications:

Iacono JM, **Dougherty RM**, Puska P. Dietary fats and the management of hypertension. *Can J Physiol Pharmacol*. 1986 Jun;64(6):856-62. doi: 10.1139/y86-148. PMID: 3756643.



Emily Siegler

Publications:

Neiger HE, **Siegler EL**, Shi Y. Breast Cancer Predisposition Genes and Synthetic Lethality. Int J Mol Sci. 2021 May 25;22(11):5614. doi: 10.3390/ijms22115614. PMID: 34070674; PMCID: PMC8198377.

Conference Presentations:

Siegler EL, Raphael M, Mendelson, T. Pericarditis and its complications in granulomatosis with polyangiitis. Abstract for American College of Physicians Northern California Chapter Abstract Competition, Fall 2021.

Siegler EL, Litvin M. Unique Challenges in treating women with cystic fibrosis-related diabetes in pregnancy. Journal of Cystic Fibrosis. 2021; 20S2: S12. Presented as poster and oral presentation workshop at North American Cystic Fibrosis Conference, November 3, 2021.

Research Awards:

NIDDK Medical Student Research Program, Washington University in St. Louis (2020)



Anna Thiemann

Publications:

Sathe AR, **Thiemann A**, Toulouie S, Durant E. A 19-Year-Old Woman with a History of Depression and Fatal Cardiorespiratory Failure Following an Overdose of Prescribed Bupropion. Am J Case Rep. 2021 Jul 26;22:e931783. doi: 10.12659/AJCR.931783. PMID: 34305134; PMCID: PMC8323741.

Conference Presentations:

The Impact of an In-Situ Just in Time Simulation Program on COVID-19 Preparedness in a Community Hospital. Conference on the Science of Dissemination and Implementation in Health 2020 David Lindars, **Anna Thiemann**, et al



Sara Toulouie

Publications:

Sathe AR, Thiemann A, **Toulouie S**, Durant E. A 19-Year-Old Woman with a History of Depression and Fatal Cardiorespiratory Failure Following an Overdose of Prescribed Bupropion. Am J Case Rep. 2021 Jul 26;22:e931783. doi: 10.12659/AJCR.931783. PMID: 34305134; PMCID: PMC8323741.

Toulouie S, Johanning G, Shi Y. Chimeric antigen receptor T-cell immunotherapy in breast cancer: development and challenges. J Cancer. 2021 Jan 1;12(4):1212-1219. doi: 10.7150/jca.54095. PMID: 33442419; PMCID: PMC7797648.

Toulouie S, Block-Wheeler NR, Rivero A. Postoperative Pain After Endoscopic vs Microscopic Otologic Surgery: A Systematic Review and Meta-analysis. Otolaryngol Head Neck Surg. 2021 Sep 7:1945998211041946. doi: 10.1177/01945998211041946. Epub ahead of print. PMID: 34491858.

Research Awards:

Sara Toulouie 2020 J William Kohl Summer Research Scholarship from UC Davis



Nathan Baumgarten

Publications:

David Chirikian, Matthew Golden, **Nathan Baumgarten**, Nazila Hejazi. A Rare Case of Perianal Langerhans Cell Histiocytosis and Concurrent Right Abdominal Xanthogranuloma. Bio-med J Sci & Tech Res 31(5)-2020. BJSTR. MS.ID.005152.



Harmanprit Randhawa

Publications:

Rogelio Enrique Molina, BS, Tiffany Shao, BS, **Harmanprit Randhawa**, BS, Vanessa Hoang, BS, Arpita Kalla Vyas, MD, MON-028 Chronic Resveratrol Exposure Improves Glucose Homeostasis and Cardiac Function in a Rat Model of Polycystic Ovarian Syndrome, Journal of the Endocrine Society, Volume 4, Issue Supplement_1, April-May 2020, MON-028, <https://doi.org/10.1210/jendso/bvaa046.846>



Chris Shim

Publications:

Lee DC, Young T, Koziatsek CA, **Shim CJ**, Osorio M, Vinson AJ, Ravenell JE, Wall SP. Age Disparities Among Patients With Type 2 Diabetes and Associated Rates of Hospital Use and Diabetic Complications. Prev Chronic Dis. 2019 Aug 1;16:E101. doi: 10.5888/pcd16.180681. PMID: 31370917; PMCID: PMC6716392.

Lee DC, Feldman JM, Osorio M, Koziatsek CA, Nguyen MV, Nagappan A, **Shim CJ**, Vinson AJ, Thorpe LE, McGraw NA. Improving the geographical precision of rural chronic disease surveillance by using emergency claims data: a cross-sectional comparison of survey versus claims data in Sullivan County, New York. BMJ Open. 2019 Nov 18;9(11):e033373. doi: 10.1136/bmjopen-2019-033373. PMID: 31740475; PMCID: PMC6887089.



Dallas Swayzer

Publications:

Swayzer DV, Gerriets V. Leuprolide. 2021 Jul 25. In: StatPearls [Internet]. Treasure Island (FL): StatPearls Publishing; 2021 Jan-. PMID: 31869126.



Anusri Yanumula

Publications:

Yanumula A, Cusick JK. Biochemistry, Extrinsic Pathway of Apoptosis. 2021 Aug 4. In: StatPearls [Internet]. Treasure Island (FL): StatPearls Publishing; 2021 Jan–. PMID: 32809646.

Conference Presentations:

Cusick JK, **Yanumula A.**, et al. Hematopoietic protein RELT stains prominently in breast cancer and binds cytoskeletal protein Filamin A, AAI Virtual Conference 2021.

Class of 2024



Jeremy Ahearn

Conference Presentations:

Ahearn, Jeremy, and Vo, Peter. "Multi-Lingual Pedagogy Techniques for Low Confidence First Responders: Novel Global Trauma Defense." Academic Surgical Congress. February 2021.



Darcy Engelhart

Publications:

Systems biology analysis reveals eight SLC22 transporter subgroups, including OATs, OCTs, and OCTNs. **Engelhart DC**, Granados JC, Shi D, Saier Jr MH, Baker ME, Abagyan R, & Nigam SK International journal of molecular sciences. 2020;21(5), 1791.

Drosophila SLC22 Orthologs Related to OATs, OCTs, and OCTNs Regulate Development and Responsiveness to Oxidative Stress. **Engelhart DC**, Azad P, Ali S, Granados JC, Haddad GG, & Nigam SK International journal of molecular sciences. 2020;21(6), 2002.

Presyncope Is Associated with Intensive Care Unit Admission in Emergency Department Patients with Acute Pulmonary Embolism. Vinson DR, **Engelhart DC**, Bahl D, Othieno AA, Abraham AS, Huang J, Reed ME, Swanson WP, Clague VA, Cotton DM, & Krauss WC Western Journal of Emergency Medicine. 2020;21(3), 703.



Fatima Israr

Research Awards:

Israr, Fatima. NIDDK Fellow. NYU Grossman School of Medicine. Summer 2021. DREAM Initiative to address T2DM in the South Asian populations in New York City.



Peter Vo

Presentation:

Ahearn, Jeremy, and **Vo, Peter**. "Multi-Lingual Pedagogy Techniques for Low Confidence First Responders: Novel Global Trauma Defense." Academic Surgical Congress. February 2021.

Research Awards:

Medical Student Training in Aging Research (MSTAR) Program. Summer 2021.



Ashwin Sidhu

Publications:

Bhatia S, Chamoun S, **Sidhu A**, Zafar M, Ranasinghe N, Ranasinghe L. Renal Infarction and Decreased Splenic Perfusion Secondary to a Left Ventricular Thrombus: A Case Report. *Asp Biomed Clin Case Rep*. 2021 Jul 02;4(2):114-18.



Elaine Cheung

Conference Presentations:

Best medical student research oral presentation. Chinese American Medical Society (CAMS) 2021 Scientific Conference. "Socio-ecological factors of psychological distress among Asian American young adults during the COVID-19 pandemic in the United States." November 7, 2021.



Alyssa Nguyen

Scholarships/Awards:

Medical Student Training in Aging Research program. John Hopkins University. Summer 2021.



Carrie Freeman

Publications:

DelPizzo K, Fiasconaro M, Wilson LA, Liu J, Poeran J, **Freeman C**, Memtsoudis SG. The Utilization of Regional Anesthesia Among Pediatric Patients: A Retrospective Study. *HSS J*. 2020 Dec;16(Suppl 2):425-435. doi: 10.1007/s11420-020-09805-0. Epub 2020 Oct 22. PMID: 33380977; PMCID: PMC7749893.

Conference Presentations:

Freeman, C. "The Effect of Oral versus Intravenous Tranexamic Acid on Perioperative Blood Loss in Arthroplasty Patients." 46th Annual Regional Anesthesiology & Acute Pain Medicine Meeting. American Society of Regional Anesthesia and Pain Medicine. January 2022.



Tanvi Chokshi

Publications:

Chokshi T, Theodosopoulos A, Wilson E, Ysit M, Alhadi S, Ranasinghe L. A Case Report of Delayed Hemothorax Complicated by Fibrothorax. *Asp Biomed Clin Case Rep.* 2021 Nov 02;4(3):184-9. <https://doi.org/10.36502/2021/ASJBCCR.6252>

Scholarships/Awards:

J William Kohl Summer Scholarship Program. June 1st-July 30th, 2021.

NIDDK Medical Student Program at Joslin Diabetes Center. June 1st-July 30th, 2021.