

[REDACTED]

KANWARDEEP SINGH KALEKA

CURRENT EMPLOYMENT

- Hawai'i Health Systems Corporation – Kaua'i, HI, Psychiatrist and Family Medicine Physician (12/2023-current)
- University Of Hawai'i John A. Burns School of Medicine (JABSOM) Family Medicine Residency Program of Kaua'i – Director of Behavioral Health (10/2024-current)
- University Of Hawai'i John A. Burns School of Medicine (JABSOM) Medical School Preceptor (01/2025-current)

MOST RECENT EMPLOYMENT

- Thriving Center of Psychiatry – California, Psychiatry/Telehealth, Contractor (12/2022-03/2024)
- VA Medical Center – San Diego, Emergency Room Physician, Fee-basis employee (10/2020-12/2021, 8/2022-10/2023)
- Fallbrook Family Health Center, Behavioral Health Supervisor (02/2021-03/2022)
 - Clinical duties: 2 days psychiatry, 2 days primary care per week
 - 1 Admin day to supervise BH NPs, meetings, documentation/tasks/Rx's

EDUCATION

Family Medicine-Psychiatry Combined Residency (2015-2020)

University of California - San Diego (UCSD), San Diego, CA

- Passed USMLE Step 3
- ABFM Board Certified (Certification No. 1082147210)
- ABPN Board Certified (Certification No. 77507)

Medical College of Wisconsin Medical Scientist Training Program (2007-2015)

M.D. (May 2015)

- Passed USMLE Step 1 (230), Step 2 CK (210) and CS

Ph.D., Molecular Neurobiology (September 2013)

- Thesis: The role of neurogranin and calmodulin-mediated signaling in models of Alzheimer's disease and cocaine addiction
- Advisor: Nashaat Gerges, Ph.D.

University of Southern California, Los Angeles, CA (2001-2005)

B.A., Psychology and Biology

HONORS AND AWARDS

- UCSD Emergency Medicine's Consultant of the Year (2020)
- California Society for Addiction Medicine MERF Scholar (2019)
- Racine County Medical Scholar (2006)

- Scholarship is awarded to top two medical students that are originally Racine County residents
- Graduated Cum Laude, University of Southern California, Los Angeles, CA (2005)
- Dean's List, University of Southern California, Los Angeles, CA (2001-2005)

OTHER CERTIFICATIONS/SKILLS

- Attachment focused Eye Movement Desensitization and Reprocessing (EMDR)
- ThetaSoma Healing (psychotherapy using guided meditation and somatic processing to address subconscious and unconscious traumas)
- Osteopathic manipulative therapy
 - OCA and SCTF Osteopathy in the Cranial Course Introductory Courses completion, 2023 (combined 80 CME hours)
 - OCA Pediatrics Course completion, 2023 (20 CME hours)
 - Biodynamics I & II Course completion, 2023 (40 CME hours)
 - Total of 192.75 CME hours thus far
- Mindfulness Oriented Recovery Enhancement (MORE) for Chronic Pain Group Facilitator
- Pain Reprocessing Therapy

RESEARCH EXPERIENCE

Medical College of Wisconsin, Milwaukee, WI (2005-present)

Post-doctoral work (October 2013-May 2015), Advisor: Nashaat Gerges, Ph.D.

- Working on a first-author paper submission on enhanced calmodulin-mediated signaling reversing amyloid-beta induced synaptic deficits

Doctoral thesis (2008-2013), Advisor: Nashaat Gerges, Ph.D.

- Calmodulin-based mechanisms underlying synaptic plasticity and the role of synaptic plasticity modulation in models of Alzheimer's disease and cocaine addiction

Research technician (2005-2006), Advisor: Stephen Duncan, D. Phil.

- Transcription factors downstream of HNF4 α and their effect on mesoderm development

University of Southern California, Los Angeles, CA (2004-2005)

Directed Research (August, 2004-May, 2005), Advisor: Richard Thompson, Ph.D.

- The role of calcium ATPase 2 in eye-blink conditioning

PUBLICATIONS

Knafo S, Sánchez-Puelles C, Palomer E, Delgado I, Draffin JE, Mingo J, Wahle T, Kaleka K, Mou L, Pereda-Perez I, Klosi E, Faber EB, Chapman HM, Lozano-Montes L, Ortega-Molina A, Ordóñez-Gutiérrez L, Wandosell F, Viña J, Dotti CG, Hall RA, Pulido R, Gerges NZ⁷, Chan AM, Spaller MR, Serrano M, Venero C, Esteban JA. PTEN recruitment controls synaptic and cognitive function in Alzheimer's models. Nat Neurosci. 2016 Mar;19(3):443-53. doi: 10.1038/nn.4225. Epub 2016 Jan 18.

Kaleka KS, Gerges NZ. Neurogranin restores amyloid β -mediated synaptic transmission and long-term potentiation deficits. Exp Neurol. 2016 Mar;277:115-23. doi: 10.1016/j.expneurol.2015.12.013. Epub 2015 Dec 23.

Zhong L, Brown J, Kramer A, **Kaleka K**, Petersen A, Krueger JN, Florence M, Muelbl MJ, Battle M, Murphy GG, Olsen CM, Gerges NZ. Increased prefrontal cortex neurogranin enhances plasticity and extinction learning. J Neurosci. 2015 May 13;35(19):7503-8. doi: 10.1523/JNEUROSCI.0274-15.2015.

Danielson E, Zhang N, Metallo J, **Kaleka K**, Shin SM, Gerges N, Lee SH. S-SCAM/MAGI-2 is an essential synaptic scaffolding molecule for the GluA2-containing maintenance pool of AMPA receptors. J Neurosci. 2012 May 16;32(20):6967-80. doi: 10.1523/JNEUROSCI.0025-12.2012.

Kaleka KS, Petersen AN, Florence MA, Gerges NZ. Pull-down of calmodulin-binding proteins. J Vis Exp. 2012 Jan 23;(59). pii: 3502. doi: 10.3791/3502.

Zhong L, **Kaleka KS**, Gerges NZ. Neurogranin phosphorylation fine-tunes long-term potentiation. Eur J Neurosci. 2011 Jan;33(2):244-50. doi: 10.1111/j.1460-9568.2010.07506.x. Epub 2010 Dec 29.

Lee KH, **Kaleka K**, Thompson R. Conditioned eye-blink responses are reduced in plasma membrane calcium ATPase 2 (PMCA2)-deficient mice. (Abstract/Poster) 35th Annual Society for Neuroscience meeting. Nov, 2005. Washington, D.C.

PRESENTATIONS

Kaleka, K. Pain Reprocessing Therapy for Chronic Pain. Updates from AMP. Association of Medicine and Psychiatry Annual Conference. October, 2025.

Kaleka, K. How to Heal Ourselves and Help Each Other Heal. Roots to Resilience Summit. December, 2020.

Kaleka, K. Combined Training: The Who, What, When and Where. Association of Medicine and Psychiatry Annual Meeting. October, 2020.

Kaleka, K. So your patient has ACEs. Where do we go from here?. San Diego Inter-Residency Trauma Conference. May, 2020.

Kaleka, K. Motivational Interviewing. UCSD Family Medicine Didactics. April, 2020.

Kaleka, K. and Sieber, W. Feasibility of Trying to Reverse Adverse Childhood Experiences. Association of Medicine and Psychiatry Annual Conference. Oct, 2019.

Kaleka, K., Janowsky, M., Rahman, A., Wang, R. Addiction Medicine for UC San Diego Family Medicine: Present and Future. California Society for Addiction Medicine Conference. September 4-7, 2019

Kaleka, K. Substance Use Disorders in Primary Care: What Can We Do?. UCSD Family Medicine Didactics. August, 2019

Serdynski, J., **Kaleka, K.,** McBride, M. United State of Mind: A Conversation on Trauma and Shared Experiences of the Sikh And Veteran Communities. Grand Rounds. May, 2014. Zablocki VA Medical Center. Milwaukee, WI.

Kaleka, K.S., Brown, J.C., Gerges, N.Z. The role of neurogranin in synaptic plasticity deficits induced by amyloid-beta. 41st Annual Society for Neuroscience meeting. Nov, 2011. Washington, D.C.

Zhong, L., Kaleka, K.S., Gerges, N.Z. The role of neurogranin phosphorylation in long-term potentiation. 40th Annual Society for Neuroscience meeting. Nov, 2012. San Diego, CA.

MCW Council on AIDS: Reaching Out and Educating Students (MCW CARES), (2006-2011)

LEADERSHIP

- Fallbrook Family Health Center Behavioral Health Supervisor (2021-2022)
- UCSD Family Medicine-Psychiatry Chief Resident (2019-2020)
- Association of Medicine and Psychiatry Resident-Fellow Members Representative (2017-2020)
- San Diego House Staff Association Co-President (2019-2020)
- San Diego House Staff Association Secretary (2017-2018)
- American Physician-Scientist Association institutional representative (2007-2013)
- Wisconsin Medical Society regional and medical student delegate (2007-2012)
- Graduate Student Department representative (2010-2011)
- American Medical Association, Medical Student Section
 - Wisconsin State Representative (2008-2009)
 - MCW Co-president (2007-2008)
 - MCW M1 Liaison (2006-2007)
- Bioethics Interest Group, Co-founder and Co-president (2006-2008)
- LGBT People Practicing Medicine Co-President (2007-2008)
- Student Interest Group in Neurology Co-President (2007-2008)
- Student National Medical Association Delegate (2006-2007)

COMMITTEES

- Association of Medicine and Psychiatry, Early Career Physicians Committee (2022-current)
- Integrative Medicine for the Underserved, Research and Science Committee (2021)
- Association of Medicine and Psychiatry, Resident and Fellows Member Committee (2015-2020)
- Association of Medicine and Psychiatry, Medical Student Affairs Committee (April 2014-2020)
- Family Medicine Wellness Committee Member (2015-2020)
- San Diego House Staff Association Board Member (2016-2020)
- Psychiatry Wellness Committee Member (2016-2020)
- Wisconsin Medical Society, Medical Student committee and District 1 committee (2006-2012)
- Diversity Committee (2006-2010)
- Graduate School Association Committee (2008-2009)
- MCW Study Assembly (2006-2008)
- Medical Society of Milwaukee County (2007-2008)

- MCW Council of Presidents (2007-2008)

VOLUNTEERING

- San Diego Symphony Doc on call (2017-2020)
- Vida Joven Orphanage, Tijuana, Mexico (2015-2017)
- Sikh Temple of Wisconsin Teacher and Mentor, Oak Creek, WI (2008-2015)
- Co-founder of Serve 2 Unite, Oak Creek, WI (2012-present)
 - An organization that promotes peace and education through community service.
- Students Modeling A Research Topic (SMART) Team Leader, MCW, Milwaukee, WI (2012-2013)
 - Assisted high school students in the scientific process of learning about a specific protein and presenting it to a broader audience.
- CH Mason Health Clinic, Milwaukee, WI (2007-2008)
 - Helped establish the clinic and recruited physicians to volunteer at the clinic.
- Greater Milwaukee Free Clinic, Milwaukee, WI (2008-2010)
- Saturday Morning Free Clinic, Milwaukee, WI (2006-2007)

PROFESSIONAL INTERESTS

- Complex Trauma and Trauma-informed care
- Role of Adverse Childhood Experiences in chronic disease (mental and physical)
- Addiction
- Chronic pain
- Integrative/alternative medicine
- Osteopathic Manipulative Medicine
- Holistic and preventative health care models
- Integrated care models
- Child and adolescent health, including mental health
- Energy Healing
- Trauma-focused therapies (EMDR, Theta Healing)
- Working with people with limited financial resources and access to health care
- Epigenetics
- Microbiome
- Systems of Care

LANGUAGES SPOKEN

- English (fluent)
- Spanish (proficient)
- Punjabi (proficient, near fluent)

PERSONAL INTERESTS

- Spirituality
- Meditation (particularly compassionate, mantra and prayer)
- Running
- Sports (beach volleyball, basketball, tennis, soccer, ultimate frisbee)
- Painting

- Hiking/Nature
- Social Justice/Community development
- Advocacy