



UC San Diego

SCHOOL OF MEDICINE

The Division of Geriatrics, Gerontology &
Palliative Care Newsletter

Giving Tuesday



Together we give.

Nov 28, 2023

GIVING
TUESDAY



This Giving Tuesday, we hope that you will take time to participate in this global movement designed to inspire generosity. Please consider donating to the UC San Diego Division of Geriatrics, Gerontology and Palliative Care.

Join us in helping older adults live their best lives longer and improving care for individuals living with a serious illness. Every day, our division is working to optimize the experience of aging through excellence in clinical care, inspired teaching, and transformative research, in addition to ensuring individuals affected by serious illness receive equitable, compassionate, team-based care.

By supporting our efforts with your donation, you are helping to ensure:

Excellence in Clinical Care: UC San Diego brings quality care to our local community, working to fulfill a growing need for specialists in geriatric medicine and palliative medicine! We continue to rank in the top 20 of all geriatrics programs nationally by U.S. News & World Report, are part of the national Age-Friendly Health System (AFHS) Initiative working to ensure all older patients receive age-friendly care, and are addressing the emotional, physical, social and spiritual well-being of patients affected by serious illness.

Advancement of Vital Research: Our growing research team is spearheading research on important topics including mitochondrial bioenergetics and healthy aging, substance use and abuse in older adults, health disparities, gerontechnology, geroscience, HIV and aging, and Alzheimer's disease.

Our Training Programs Remain Strong to Support the Current and Future Healthcare Workforce: We have multiple training programs in geriatrics and palliative care, with UC San Diego home to one of the largest palliative medicine fellowships in the country, and geriatrics a local leader working to train health care providers across San Diego and Imperial Counties on optimal dementia care and elements of age-friendly health care through the [San Diego/Imperial Geriatric Education Center](#).

Greater Focus on Research and Clinical Care in Diverse Populations: We have training and research partnerships established with local community clinics and community organizations and are working to bring our research efforts to individual communities throughout San Diego to improve engagement. Additionally, our San Diego Alzheimer's Disease Resource Center for Minority Aging Research (AD-RCMAR) has prioritized research efforts in Hispanic/Latino, Limited English Proficient (LEP) and Refugee Communities as these communities are at increased risk for ADRD and are of particular importance to our San Diego region.

Support for Early-Career Scientists and Pipeline Development: We are committed to providing support to early-career scientists from diverse backgrounds and strengthening the pipeline of both aging researchers and physicians choosing careers in geriatrics and/or hospice and palliative medicine. Our division has a wealth of established excellence in mentorship.

Fostering Collaborations: We are leading or co-leading multiple Centers designed to foster innovations in aging and Alzheimer's Disease research, and collaborations across disciplines and institutions, including the [Gerontology Research Collaborative](#), the San Diego AD-RCMAR, the [San Diego/Imperial Geriatric Education Center](#), and the [San Diego Nathan Shock Center of Excellence in the Biology of Aging](#).

We are thankful for people like you, who help us realize our vision of creating a better world for aging people and improving care for individuals living with a serious illness. While we continue to make great strides, we are limited on what we can accomplish with existing funds. By supporting our efforts, you can ensure that our research, education programs, and clinical care keep pace with the needs of our community and remain strong.

We hope you had a wonderful Thanksgiving!



This time of year reminds us to pause and reflect on our accomplishments and to give thanks to those individuals, who have impacted us. Thank you for your support of the UC San Diego Division of Geriatrics, Gerontology and Palliative Care and for the role that each of you plays in our success!

From all of us at the UC San Diego Division of Geriatrics, Gerontology and Palliative Care

What's Happening/Events

Gerontology Research Collaborative Seminar is November 30th 4pm - 5pm

The **Gerontology Research Collaborative (GRC)** and
the **Stein Institute for Research on Aging** present:

IN THIS DAY & AGE

SEMINAR SERIES ON
MULTIDISCIPLINARY
AGING RESEARCH

Thursday November 30th 4:00 - 5:00 pm PT
UCSD Stein Clinical Research Building
Conference Room 148, and Zoom
Meeting ID: 850 2712 5179



**"A Buzz Away: Smartphone-based
Health Monitoring for Aging"**
Dr. Edward Jay Wang, PhD
Electrical & Computer Engineering
University of California, San Diego

Sponsored by the GRC and the Stein Institute for Research on Aging at UCSD. For questions, contact Howard Phang (hphang@health.ucsd.edu)

A Buzz Away: Smartphone-based Health Monitoring for Aging

About the speaker: Dr. Edward Jay Wang is an Assistant Professor of Electrical and Computer Engineering & The Design Lab at UC San Diego, where he directs the Digital Health Technologies Lab. His research work explores practical solutions to address real-world medical needs drawn from collaborations with clinicians and world health organizations but solved using new and creative insights that leverage state-of-the-art applied machine learning, embedded systems, and mobile sensors. His research is supported by funding from the NIH, NSF, and Google. He is also the Founder/CEO of Billion Labs Inc., a UCSD technology spinout aiming to translate a comprehensive suite of smartphone-based digital biomarkers towards regulatory clearance in order to provide a more equitable future for telemedicine where health monitoring is available to the masses.

This talk will focus on new advances in my group based on a key technique called vibrometric force estimation, whereby a smartphone can use its internal vibration system to measure the force that is applied. This new solution enables the phone to perform measurements never before possible, such as arterial blood pressure and hand grip strength. This talk will highlight the underlying technology and clinical relevance that these solutions will bring to the next generation of health monitoring beyond the clinical confines for our aging population.

Zoom Link

- Kevin H. Yang, Rowena M. Tam, Nora Satybaldiyeva, Wayne Kepner, Benjamin H. Han, Alison A. Moore, Joseph J. Palamar study "Trends in past-month cannabis use among US adults across a range of disabilities and health conditions, 2015-2019" published in Science Direct. Read it [here](#).
- Dr. Ian Neel gave a lecture on the screening and diagnosis of dementia for Georgia Academy for Family Physicians' annual conference in November.
Congratulations Dr. Neel!

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UC San Diego Health

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