

California State University, Long Beach

# Health Science Department



College of Health and Human Services  
2025-2026 Newsletter

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# Newsletter

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Issue 2 AY 2025-2026

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## Health Science Department CSULB, College of Health and Human Services



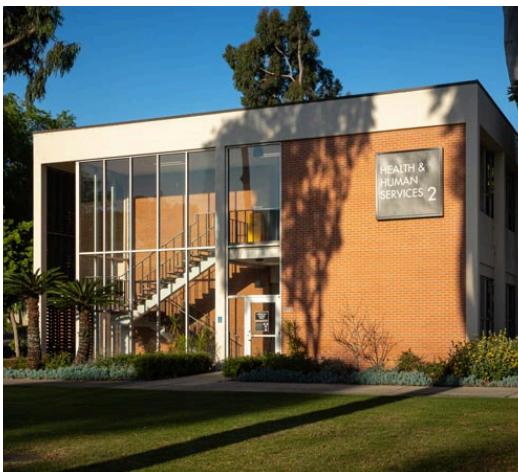
### A message from the chair

“As we celebrate the 60th anniversary of the Department of Health Science, we honor a legacy built on innovation, collaboration, and a deep commitment to community well-being. Over six decades, our faculty, students, alumni, and partners have shaped a department known for excellence in education and impact. This milestone reminds us of our responsibility to lead with purpose as health challenges evolve. Thank you for contributing to our past achievements and our promising future.”

Kamiar Alaei, MD, DrPH

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## Health science department celebrates

# 60 years

Established in 1965, the Health Science Department boasts 3 undergraduate program options, 1 minor in Public Health, 1 certificate in Public Health Informatics & Technology, 1 undergraduate and undergraduate track with Beach EDGE, 2 graduate programs—the MPH program and the new DrPH program launching Fall 2025.

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### Mission

To aid and encourage students' development into knowledgeable professionals and life-long learners who will lead efforts to support health equity for all within the fields of health science, public and community health, health education and other related areas. The program fosters the development of person- and community-centered health professionals who are culturally sensitive and responsive to the complex social determinants of health.

### Goals

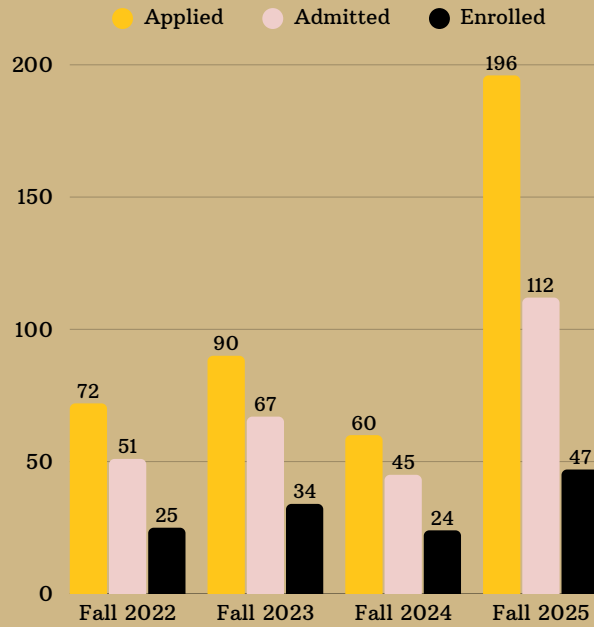
- Contribute to the development of a competent student body and faculty
- Develop strong teaching and research or scholarship programs
- Maintain linkages with health care professionals, academic personnel, and the community at large.

### Objectives

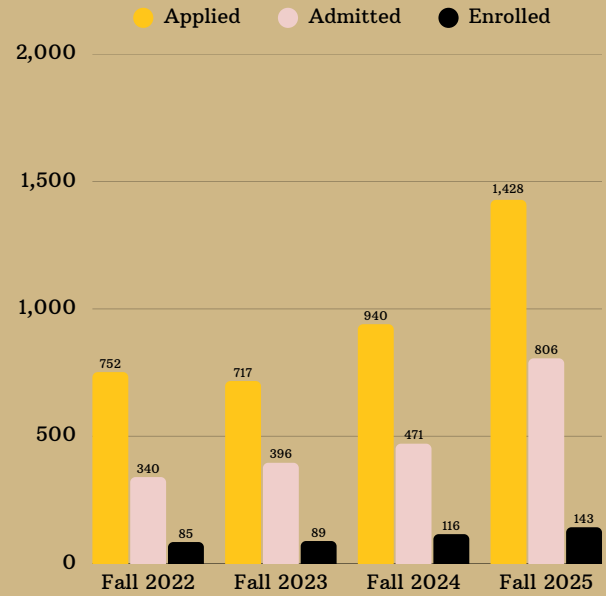
- Synthesize in-depth information from relevant sources representing various points of view/approaches for health information
- Written and oral communication skills in order to serve as an effective health resource person as well as facilitate the development and maintenance of collaborative relationships
- Critical thinking and problem-solving skills to enhance program development, implementation, and evaluation efforts related to priority public health issues
- Capacity to understand and interpret research methods and related qualitative and quantitative data to promote evidence-based practice
- Cultural competence necessary to work within diversity and account for contextual influences that impact health equity
- Management and leadership skills to integrate research and practice in the field of public health

# Student Trends and Statistics

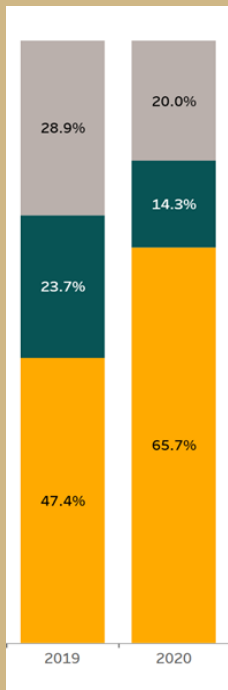
### Graduate Student Applied/Admitted/Enrolled Trends over Time



### Undergraduate Student Applied/Admitted/Enrolled Trends over Time



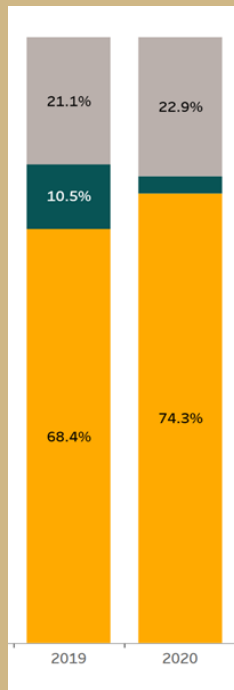
### 4-Year Student Success Rates



#### FTFY 4-Year Graduation Rate

- First Gen
  - 2018: 33%
  - 2020: 60%
- Non First Gen
  - 2018: 52%
  - 2020: 68%

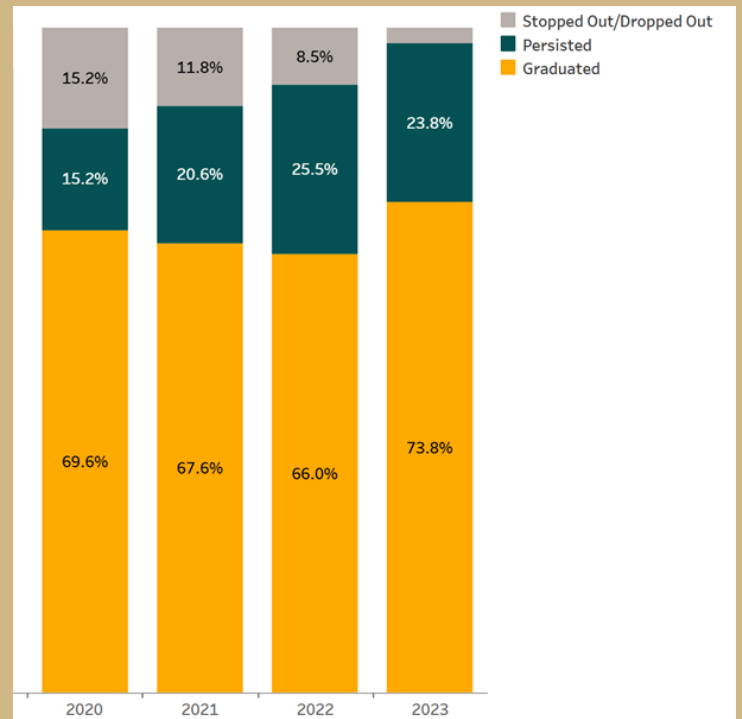
### 5-Year Student Success Rates



#### FTFY 4-Year Retention Rate

- First Gen
  - 2018: 67%
  - 2020: 90%
- Non First Gen
  - 2019: 64% (74%, URM 67%)
  - 2020: 76% (89%, URM 71%)

### 2-Year FTFY Transferred Student Success Rates



#### FTFY 2-Year Graduation Rate

- First Gen
  - 2022: 62%
  - 2023: 71%
- Non First Gen
  - 2022: 71%
  - 2023: 76%

#### FTFY 2-Year Retention Rate

- First Gen
  - 2021: 88%
  - 2023: 90%
- Non First Gen
  - 2021: 88%
  - 2023: 100% (URM 96%)

# Undergraduate Programs

## Option in Community Health

Designed for individuals interested in the links among lifestyle, social and physical environments, and good health. The occupational objective of those selecting this option is to serve as a community health educator in public or private health care agencies, voluntary organizations, medical clinics or corporate settings. This option offers 3 tracks: Advocacy & Policy, Minority Health, and Mental Health.

## Option in School Health

Designed for individuals who desire to pursue a professional preparation program leading to qualification as a health education teacher in middle, junior, and high schools. Students seeking this option must also be admitted to the College of Education's Single Subject Credential Program leading to a California Single Subject Teacher Credential.

## Option in Health Advocacy & Policy

This initiative is in the final stages of becoming an undergraduate program option. This option would prepare students to become advocates for improving the health and well-being of individuals and communities. The purpose of this degree is to equip students with the knowledge, skills, and competencies necessary to navigate the complex landscape of public health, healthcare systems, policies, and regulations, and to effectively advocate for positive change.





## California Consortium for Public Health Informatics and Technology

Empower your career with Informatics.

### Certificate in Public Health Informatics & Technology (CCPHIT)

California State University, Long Beach (CSULB) and a statewide network of partners have built a consortium to effectively address the demand for diverse skilled workers in public health informatics and technology (PHIT) jobs throughout California with an emphasis on minority students. CSULB proposes an inclusive three-tier CCPHIT education model that includes the California community colleges, California State University campuses and the University of California. CCPHIT is developing culturally relevant, interdisciplinary public health informatics curricula through a health equity lens. The curricula includes multiple tracks that prepare students to meet the needs of local health care and public health agencies and other vital industry and non-profit public health-related employers. CCPHIT is developing a training program with paid on-the-job training and wraparound support to remove barriers and ensure student success. CCPHIT is a public-private partnership that brings together industry, academia, and government partners to focus on public health informatics and technology workforce development to benefit students, minority population and working professionals.

### **B.S. Applied Data Science, Concentration in Health Analytics**

In collaboration with CSULB's College of Engineering and the Department of Computer Engineering & Computer Science, the Bachelor's of Science in Applied Data Science degree will begin offering a concentration in Health Analytics. Students can elect to complete 6 required and 2 elective Health Science courses to fulfil concentration requirements. This program equips students with programming and data analysis skills for careers in data science. The curriculum covers foundational data science principles and applications in fields like public health and linguistics.

# GRADUATE PROGRAMS

## LATINO HEALTH GRADUATE CERTIFICATE



LONG BEACH STATE UNIVERSITY  
**CENTER FOR LATINO  
COMMUNITY HEALTH**  
EVALUATION & LEADERSHIP TRAINING

In association with the Center for Latino Community Health, Evaluation, and Leadership Training, the department offers a Graduate Certificate in Latino Health and Nutrition Studies. This certificate focuses on enhancing the academic development and training of professionals to provide culturally and linguistically relevant care and education for the Latino population through their respective job placements. The certificate is comprised of 12 units. The certificate incorporates a thorough overview of Latino health from early childhood development to the multiple chronic diseases that continue to impact this population.

### BEACH EDGE HEALTH SCIENCE COMMUNITY HEALTH EDUCATION B.S. + MPH PROGRAM

Beach EDGE (Expedited Degrees in Graduate Education) programs allow CSULB students to complete their bachelor's and master's by merging existing baccalaureate and master's degree programs in similar disciplines into a single pathway that allows the double-counting of units in both programs. Students enrolled in this program earn the following degrees:

- Health Science, Community Health Education Option, B.S.
- Public Health, Community Health Education Option, M.P.H.

### MASTER OF PUBLIC HEALTH IN COMMUNITY HEALTH EDUCATION

The program strives to afford excellence in teaching, conduct research and provide service to local, regional, national, and international populations living within the surrounding communities while making a significant contribution towards increasing health equity for underserved populations. The MPH program offers concentrations in the following subjects:

- Community Health
- Global Health
- Latino Health



After Senate Bill 684's passing and the approval of the CSU Board of Trustees, the Department of Health Sciences introduces the Doctor of Public Health (DrPH) degree starting Fall 2025. The post masters (MPH) Doctor of Public Health (DrPH) degree program is a 48 -semester units, two- calendar year (full time) or three years (part time) program that prepares graduates to be public health leaders, senior level administrators, applied researchers, policy makers and educators providing leadership to protect and improve the public's health, at the

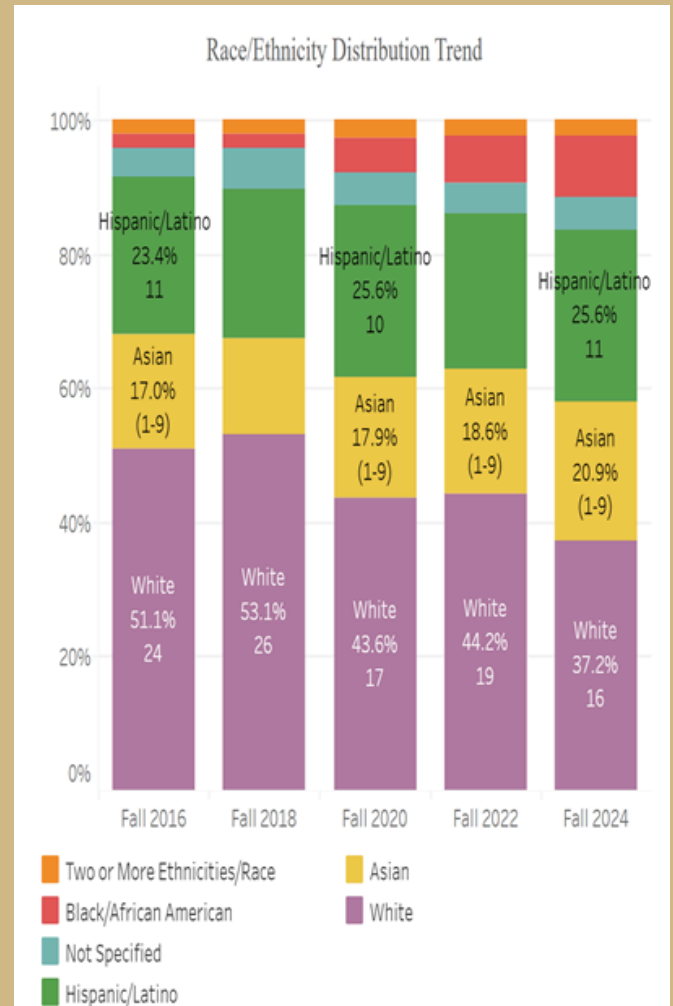
community, state, national and global levels. DrPH graduates will achieve this purpose by enrolling in one of the following three areas of specializations called areas of concentration:

- (1) Public Health Informatics and Technology
- (2) Global Health
- (3) Health Policy & Management.

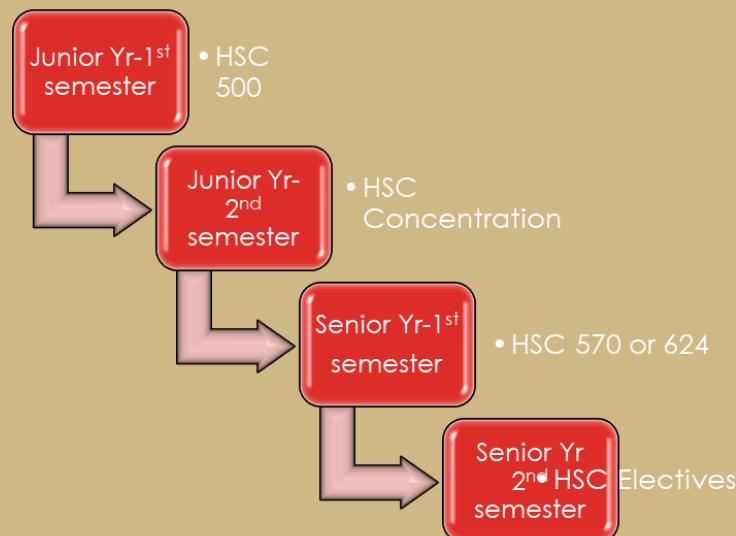
The DrPH degree program is a state-supported program. The program is designed for working professionals and includes both face-to-face and hybrid instructional modalities.

# Faculty Development & Inclusive Excellence

The progress we've made is only possible because of a strong, dedicated faculty. Together, we cultivated a collaborative and inclusive culture across all ranks, strengthened shared governance, and expanded meaningful faculty engagement—including enhanced participation and voting rights for lecturers. We improved teaching quality and consistency through intentional coordination and the Lead Instructor model, while advancing equity and transparency in workload, service expectations, and hiring practices. Throughout this work, I prioritized building trust through active listening, one-on-one engagement, and community-building efforts that reinforced our shared commitment to excellence.



## New Blended and Dual Degrees



# UC-Hispanic Serving Institutions Doctoral Diversity Initiative (UC-HSI-DDI)

## **Exciting Opportunity for HSC Faculty & MPH Students!**

In collaboration with CSULB, UCLA is launching a UC-Hispanic Serving Institutions Doctoral Diversity Initiative program that includes a doctoral student-MPH student mentoring model and a senior faculty-junior faculty mentoring model.

### **PhD-MPH Mentoring Model**

PhD-MPH Mentoring Model MPH students enrolled in UCLA-HSI Pathways to Doctoral Diversity will be matched with a PhD peer mentor. Peer mentors will introduce MPH trainees to PhD and provide social, emotional, and academic guidance for their mentees. Peer mentors will help mentees learn core competencies needed for success in doctoral study. Additionally, peer mentoring programs help the mentors, allowing them to gain confidence and problem-solving skills, which will be important as they enter the professoriate.

### **Senior Faculty-Junior Faculty Mentoring Model**

Senior Faculty-Junior Faculty Mentoring Model Junior faculty across UCLA FSPH and all partner HSIs will be matched with a career mentor from FSPH at UCLA. This career mentoring model is based on best-practices and will involve the deployment of a targeted approach designed to increase interaction between faculty and faculty retention. UC-HSI-DDI is a unique year-long faculty development program designed to support the success and retention of junior faculty from Latinx and other underrepresented minority (URM) backgrounds in public health and related fields.

CSULB is leading the CSU schools in this partnership by overseeing training, trainees & mentors, curriculums, workshops, and more for the next 5 years through a grant from UCLA.

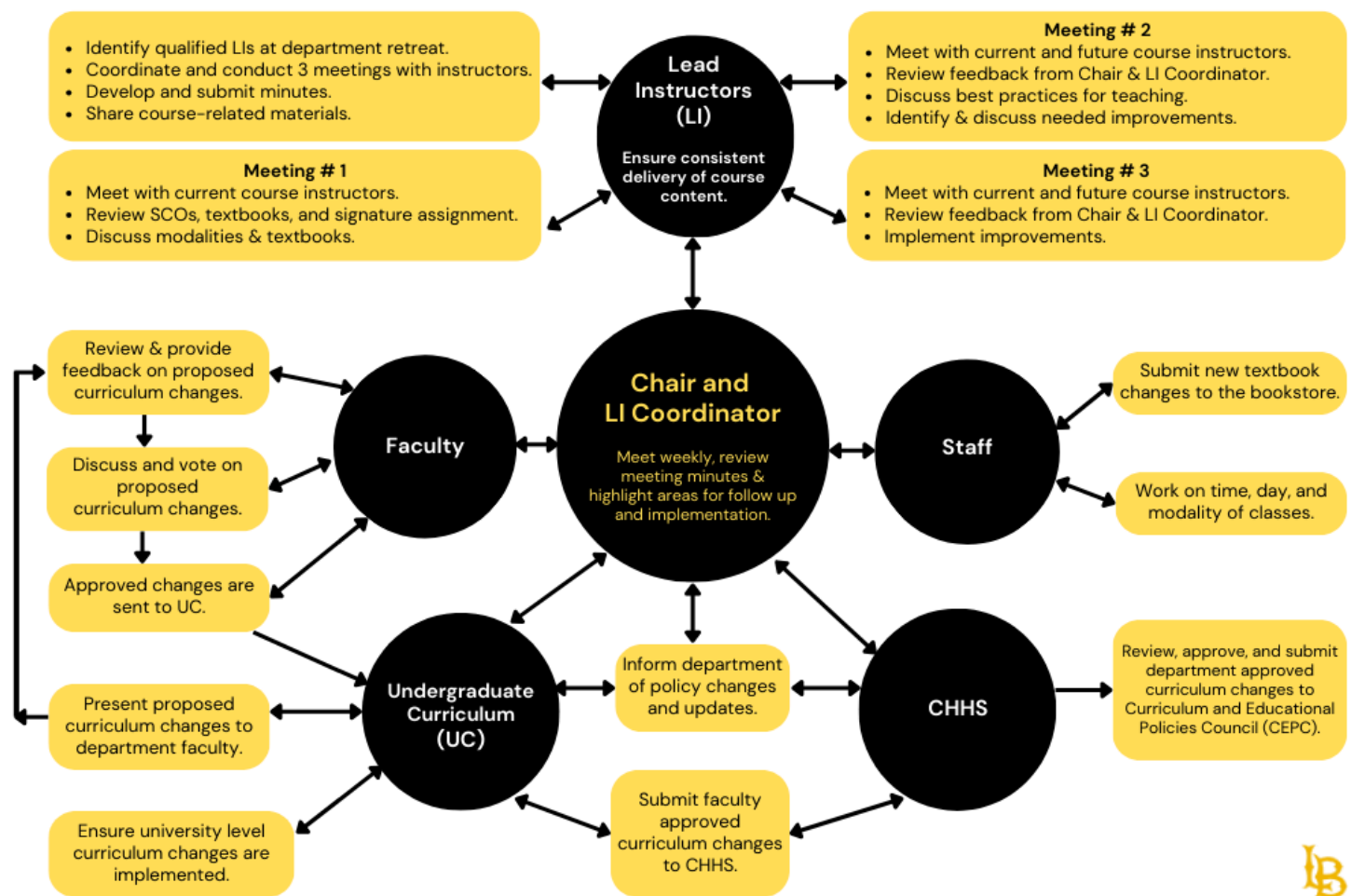
For more information, please reach out to [Kamiar Alaei](#)



CALIFORNIA STATE UNIVERSITY  
**LONG BEACH**  
Department of Health Science

# Lead Instructor System

## Department of Health Science Lead Instructor System



Under the Lead Instructor model, courses will have a designated Lead Instructor who will help coordinate syllabi, share best practices, support fellow instructors, and ensure a cohesive learning experience for students. These leads will serve as key points of contact for pedagogical guidance and curriculum alignment. We're grateful to the faculty members stepping into these roles and look forward to the positive impact this model will bring to our teaching community.

# Center for Latino Community Health



## Eat, Play, Go! Transdisciplinary Obesity Prevention for Latino Families

Funded by the United States Department of Agriculture NIFA Award #2021-69015-33433, aims to address the disproportionate rates of obesity among Latino youth ages 10 – 13 years by developing and implementing a youth-focused and family-based intervention in Long

Beach emphasizing physical activity, fruit and vegetable consumption, and strengthening communities with behaviors that encourage healthy lifestyles.



## Harvesting Healthy Habits in Long Beach

Funded by United States Department of Agriculture NIFA (January 2023-2026) Award #2023-69015-39407, aims to provide

undergraduate and graduate students with a comprehensive research training experience that includes hands-on experiential learning while developing and implementing an intervention that aims to improve eating patterns and healthy lifestyles to reduce the risk for chronic diseases among underserved children in grades 3 to 5 and their families.



## ANDALE Latino Research Training Program,

Funded by the United States Department of Agriculture NIFA Award #2020-67037-30663, aims to train fifty (50) undergraduate students in Latino nutrition and chronic disease prevention, enhance their professional development, and engage them in research to better prepare them to enter graduate school or the workforce.



## Leveraging Interdisciplinary Nutritional Knowledge

Funded by United States Department of Agriculture NIFA Award #2021-77040-34904, this was a collaboration between five Hispanic-Serving Institutions (HSIs) in Southern California. The LINK Program will promote the success of 26 underrepresented students in the food and human sciences professional and scientific workforce emphasizing Latino nutrition through outreach, mentoring, education, support services, research, and professional internships with community partners.



Paul Ho, Dr. Amber Johnson, Stephanie Jackson and Alexa Basa (from left to right)

The Center for Health Equity Research (CHER) promotes health equity by engaging researchers and community partners in conducting rigorous and innovative public health research, and place-based and program evaluation. Our research focuses on diverse, underserved, and high-risk populations. Center staff and affiliated faculty have extensive experience in community-based research. CHER has mentored approximately 122 Fellows since 2017 and CHER Fellows come from diverse disciplines including medicine, nutrition, nursing, psychology, public health, rehabilitation services, sociology, social work, speech and language pathology. The majority of the CHER Fellows are from minority serving institutions and from underrepresented minority populations. CHER is currently engaged in a study to evaluate cardiovascular disease risk among Black women, as well as program evaluations through health equity perspectives.

In the spring, Associate Professor Amber Johnson was named the new Director of the CSULB Center for Health Equity Research (CHER). A valued faculty member since 2016, Amber has committed her career to addressing health disparities affecting marginalized communities. Dr. Johnson's partnerships with organizations such as the National Institute of Health and the City of Long Beach Department of Health and Human Services bring valuable resources and knowledge to CHER.

#### Understanding Cardiovascular Disease Risk Among Black Women

This study seeks to deepen understanding of how discrimination and sociocognitive processes impact cardiovascular disease risk among African American women. As cardiovascular disease remains a leading health concern in this population, the research focuses on examining stress-related physiological responses to discrimination as a potential contributing risk factor. Researchers are actively recruiting African American women over the age of 18 for this study. Please reach out to Amber Johnson if you are interested in participating.

#### Program Evaluations

##### Black Infant Health Media Campaign

The purpose of this evaluation study is to assess the efforts of this program to raise awareness of Black maternal and infant health disparities while promoting the Black Infant Health Program in California.

##### Black Health Equity Fund Evaluation

This fund supports culturally tailored strategies to address COVID-19 disparities in Black communities.

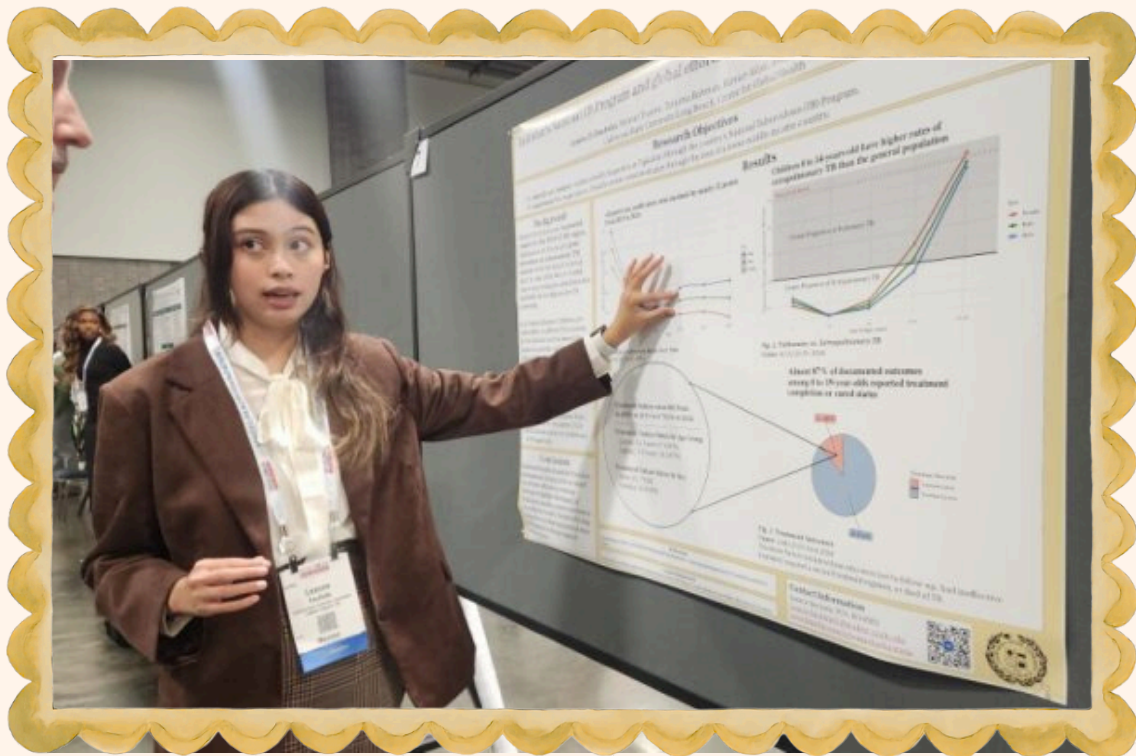
##### Black Mental Health Program

This program included 3 mental health organizations to provide no-cost treatment to uninsured and underinsured Long Beach Black residents in need of mental health support.

# Center for Global Health

## Summer Internship Programs

We are excited to have the CSULB Center for Global Health (CGH) collaborating with the Tajikistan Ministry of Health. Under the leadership of both Dr. Arash Alaei and Dr. Kamiar Alaei, faculty and students across various institutions are collaborating to develop research projects utilizing the national HIV Data from the Tajikistan Ministry of Health. Students in the CSULB CGH are also on other programs such as the Masters in Public Health (MPH) and California Consortium for Public Health Informatics & Technology (CCPHIT) programs. Under the biostatistics mentorship of Dr. Brian Kwan, students of diverse backgrounds develop collaboration skills in an inclusive training environment for analyzing global health data using statistics and data analytic methods.



## Activities in the Republic of Tajikistan

The CSULB CGH has published two peer-reviewed articles in the year of 2024 (article citations provided below). These two articles contribute to the field by (1) developing a first-of-its-kind study on population-level differences in early detection of HIV across time within Tajikistan and any country in the Central Asia region and (2) proposing to expand the definition of key population to include labor migrants in Central Asia who should be emphasized as a vulnerable population at high risk of HIV.

# Public Health Advisory Board



The purpose of the Department of Health Science Public Health Advisory Board (PHAB) at CSULB is to provide feedback on the department's student outcomes, curriculum, strategic plan, and more. The group consists of professionals, community members, and diverse stakeholders who are essential to making sure the Department of Health Science is operating well to meet the needs of the public health workforce. PHAB members serve two year voluntary terms with a potential option to renew membership. They also can provide classroom guest lectures, serve as preceptors and engage with students in a myriad of meaningful ways, such as attending student socials, like the one held last fall to network with industry professionals. The PHAB met with Health Science students and faculty this spring semester to talk about more ways the advisory board may help and engage with students moving forward.

# APHA Conference

## Washington D.C. 2025



Dr. Kamiar Alaei, Dr. Heidi West, Leanne Bautista, Dr. Debbie Huang, Nicole Olea, Primavera Garcia-Trabanino, Yeraldine Polo

Faculty and students from our department proudly participated in the 2025 American Public Health Association Annual Meeting and Expo. The conference theme- “Health Security: Making the Public’s Health a National Priority”-set the tone for a dynamic week of learning, collaboration, and national dialogue on the future of public health.

Throughout the conference, our faculty contributed their expertise to panel discussions, poster sessions, and roundtables focused on strengthening public health infrastructure, improving emergency preparedness, and addressing persistent health inequities. Their presentations highlighted innovative research on community resilience, data-driven approaches to disease surveillance, and strategies for building trust in public health systems.

Equally impressive was the engagement of our students, many of whom presented original research or attended professional development sessions designed to prepare the next generation of public health leaders. Students reported that the conference offered invaluable opportunities to connect with practitioners, explore emerging career paths, and gain firsthand insight into how national policy conversations shape local health outcomes. Beyond the formal sessions, the APHA meeting served as a powerful reminder of the collective commitment required to safeguard the nation’s health. Our department’s presence underscored our ongoing dedication to advancing evidence-based practice, fostering interdisciplinary collaboration, and preparing students to lead in an increasingly complex public health landscape. We extend our congratulations to all faculty and students who represented us in Washington, D.C. Their contributions continue to elevate our department and strengthen the broader public health community!

# HEALTH SCIENCE Student Organizations



## Health Science Student Association (HSSA)

The purpose of HSSA is to give enriching experiences to students that are interested in the allied health field. Our organization is committed to emphasizing professionalism, stewardship, advocacy, and servant leadership through volunteering, networking, and learning to prepare our members for future careers and educational pursuits.

## Health Science Graduate Association (HSGA)

The Health Science Graduate Association (HSGA) seeks to maximize the student experience. Collaboration between faculty and students is our goal and open communication is kept between the executive board and the faculty to ensure accurate and timely information. CSULB provides both an intimate and well connected environment to foster relationships and the HSGA will continue to encourage students towards excellence through their own leadership and highlighting the leaders this program has been blessed with.

## Eta Sigma Gamma (ESG)

Eta Sigma Gamma (ESG) is a national honor society designed for Health Science major and minor students. Eta Sigma Gamma is open for both undergraduate and graduate student. The organization is focused on research, service, and teaching. We aim to help the community through our volunteer work and education. We also aim to build connections within the health community.



I  
♥  
Public  
Health

# Student Spotlight

## Mannat Tiwana



Congratulations to Mannat Tiwana, recent CSULB Master of Public Health graduate, for being selected as a Fogarty LAUNCH Fellow through the Northern Pacific Global Health Leader's program for the 2026-2027 cohort. Tiwana, an international student originally from Punjab, India, recently completed her Master's of Public Health (MPH) degree program at CSULB. The fellowship, funded by the Fogarty International Center and the NIH (National Institutes of Health) supports research and training in global health over one full year, including short-term training in the United States, and dedicated time for research implementation in India. In Tiwana's case specifically, fellowship funding is also provided through the National Institute of Dental and Craniofacial Research.

Tiwana, herself, was practicing dentistry in India before she came to Long Beach State to obtain advanced training in public health. For the fellowship, she will be based at the Safdarjung Hospital New Delhi. "It's the largest institute and hospital in the region, which takes care of HIV/AIDS and other infectious diseases." About her time in the CSULB Department of Health Science, obtaining her MPH degree, Tiwana says that she was especially grateful to have met and gained the mentorship of Dr. Kamiar Alaei, Chair of Health Science. Before starting her fellowship, Tiwana is looking forward to heading back home to India to spend time relaxing and celebrating her recent accomplishment of obtaining her MPH. The sky's the limit of what she will be able to achieve next! Congratulations, Mannat!

## Pamela Martinez



During my time at CSULB, I completed my BS and MPH in the department of Health Science. I was fortunate to work with faculty who strengthened my skill set and deepened my commitment to serving Hispanic/Latino communities. In particular, Dr. Selena Nguyen-Rodriguez was an exceptional mentor whose leadership, guidance, and example profoundly shaped my academic and personal growth. Her mentorship continues to inspire the kind of scholar I aspire to become. As a PhD student at UC Merced, my focus would be to examine how immigration policies and structural barriers contribute to health disparities, particularly chronic diseases, among Latino immigrant populations in the Central Valley

# Student Spotlight

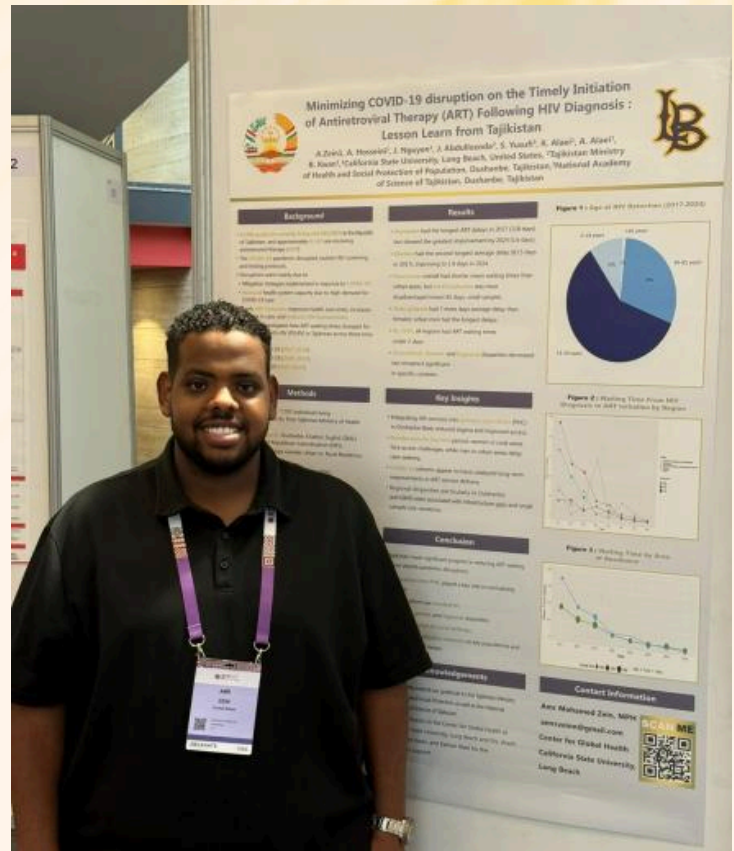
## Amr Zein

Amr Zein is a graduate student in the Master of Public Health program. In December of 2025, Amr had the opportunity to attend and present at the International AIDS Society (IAS) Conference in Kigali Rwanda. At IAS, Amr presented his research on HIV care and treatment outcomes, with a focus on treatment initiation and health system challenges in resource-limited settings. Engaging with researchers, clinicians, policymakers, and advocates from around the world allowed him to see how locally generated data and community-informed research can directly shape global HIV policy and practice.

In addition to presenting at IAS, Amr is the first MPH student to complete a master's thesis in collaboration with the CSULB Center for Global Health and the first MPH student within the

Center to conduct advanced data analysis using R. His thesis analyzes national-level HIV data to examine disparities in time to antiretroviral therapy initiation before, during, and after the COVID-19 pandemic.

Reflecting on his experience, Amr shared, “Attending a global conference in Africa was incredibly meaningful to me, especially as someone who was born and raised in Egypt and Sudan. I was excited to be in my motherland (Africa) and to witness public health professionals from all over the world come together around one shared goal: ending the HIV epidemic. Seeing such diverse presenters, perspectives, and approaches, and learning how different countries are working to combat HIV, was both inspiring and informative. It reaffirmed why global collaboration and equity-driven research are essential to ending the epidemic worldwide.”



# COMMUNITY PARTNERS

- AbilityFirst Joan & Harry A. Mier Center
- AbilityFirst Long Beach Center
- Alzheimer's Family Center American
- Academy of Pediatrics-Orange County
- American Heart Association
- American Red Cross, Southern California Region
- Antelope Valley Partners for Health
- APLA Health
- Arthritis Foundation, Pacific Region
- Asian American Drug Abuse Program
- Asians for Miracle Marrow Matches
- Beach Cities Health District
- Big Brothers Big Sisters of Orange County & The Inland Empire
- Blind Start of America
- Bloom Behavioral Health
- Boys & Girls Club of Buena Park
- Boys & Girls Club of Whittier & Pico Rivera
- Boys & Girls Clubs of Garden Grove
- Boys & Girls Clubs of Greater Anaheim-Cypress
- Boys & Girls Clubs of Long Beach
- Boys & Girls Clubs of Metro Los Angeles
- Braille Institute California Association of Health and Education
- Linked Professions JPA
- Casa De La Familia
- Children's Hospital Orange County
- City of Long Beach, DHHS, Bureau of Environmental Health
- City of Long Beach, DHHS, Early Childhood Program
- City of Long Beach, DHHS, Healthy Active Long Beach
- City of Long Beach, DHHS, HIV Surveillance
- City of Long Beach, DHHS, Physician Services Bureau
- City of Long Beach, HHSD
- Community Action Partnership of Orange County
- Community Health Initiative of Orange County
- Compassionate Cancer Care Med Group
- Compassionate Care hospice
- CSULB, ATOD Program CSULB, Center for Health Equity at Charles Drew
- CSULB, Center for Latino Community Health
- CSULB, Center for Successful Aging
- CSULB, Health Resource Center
- CSULB, Student Health Services
- Cystic Fibrosis Foundation, Orange County Chapter
- Dignity Health
- Dr. Riba's Health Club, Inc.
- Epilepsy Support Network of Orange County
- Families in Good Health
- Filipino Migrant Center
- Fountain Valley Regional Hospital
- Garden School Foundation
- Gente Organizada
- Good Neighbor Clinic, Inc.
- Grandma's House of Hope
- Harbor-UCLA Medical Center
- Health Career Connection
- Hunger Action Los Angeles
- Intecore Physical Therapy
- JWCH Institute, Inc.
- Kaiser Foundation Hospitals (So. Cal)
- Lakewood Regional Medical Center
- Latino Health Access
- Lettuce Gather, LLC
- Leukemia & Lymphoma Society
- Long Beach Community College District
- Long Beach Forward
- Long Beach Gray Panthers
- Long Beach Parks, Recreation and Marine
- Los Alamitos Medical Center, Inc.
- Los Angeles County Dept of Health Services
- Los Angeles County Fire Department
- Los Angeles LGBT Center
- Married to Health
- MemorialCare Memorial Health Services
- Mental Health Association of Orange County
- MiOra
- Molina Health Care, Inc.
- Molina Health Care, Inc.
- Multi-Ethnic Collaborative of Community Agencies (MECCA)
- Muscular Dystrophy Association
- NAMI Orange County
- National Asian Pacific American Families
- Nhan Hoa Comprehensive Health Care Clinic
- Norooz Clinic Foundation
- Nutrition As Therapy, Inc.
- Orange County Asian Pacific Islander Community Alliance (OCAPICA)
- Orange County Health Care Agency, TUPP
- Orange County Superintendent of Schools
- Partners4Wellness
- Pediatric Therapy Network
- Phoenix House California
- PIH Health
- Planned Parenthood of Orange and San Bernardino Counties
- Project Access
- Project MotiVATe, Inc.
- Providence Health System
- Pulmonary and Sleep Consultants
- Rising Tide @ MKEC
- Riverside County Department of Public Health
- San Bernardino County Department of Behavioral Health
- San Bernardino County Department of Public Health
- St. Joseph Hospital of Orange
- St. Jude Medical Center
- St. Jude Medical Center - Senior Service
- Standup for Kids Orange County
- The Children's Clinic Family Health
- The Happiness Project
- The Leukemia & Lymphoma Society
- The LGBTQ Center Long Beach
- The LGBTQ Center Orange County
- The Raise Foundation
- The Truong Neuroscience Institute
- Tichenor Clinic for Children
- United Cambodian Community
- WellPath Partners
- YMCA of Greater Long Beach
- YMCA of Greater Long Beach - Fairfield

# Ongoing Grants

Kamiar Alaei, PI

U.S. Department of Health and Human Service, Office of the National Coordinator for Health Information Technology (ONC) \$10,235,000.00. 9/22/2021- 9/21/2026. Public Health Informatics & Technology (CCPHIT) Program.

Banerjee, PI and Kamiar Alaei, CSU lead

UCLA-HSI Pathways to Doctoral Diversity 4/12/2024- 4/11/2029.

Kamiar Alaei, Lucy Huckabay, Arash Alaei

IREX \$100,000.00. 07/2022-9/2023. Inter-disciplinary capacity building for women's health.

Debbie Huang, Heidi West

President & Provost Initiative: Faculty Research Awards in Inclusive Excellence. Equity in health services: The role of immigration and family relationships in healthcare access for CSULB students

Niloofar bavarian, PI

Screening and brief intervention for prescription stimulant misuse and diversion: Refining and piloting a curriculum for college health providers

The goal of this NIDA-funded R34 is to refine a TTI-guided training curriculum for college health providers to address PSM and PSD, and to pilot implementation of a SBI via an RCT within one campus health center.

Brian Cole

Collaborative Study of Aircraft Emissions Near Airports in Los Angeles  
Principal Investigator for CSULB sub-award for community engagement and data collection for a research contract proposal submitted to the California Air Resources Board by Dr. Suzanne Paulson (UCLA). August 2025 – July 2028.

Improving the health and safety of migrant workers responding to climate related disasters. Principal Investigator on sub-award (PI of overall project: Kevin Riley, UCLA). Research grant from the California Climate Action Initiative administered by the University of California Office of Research and Innovation. August 2023 – October 2025.

# PUBLICATIONS

S Chen\*, J Fan\*, A Abdollahi\*, **K Alaei**, G Placencia\*, **M Pishgar**. Machine Learning-Based Prediction of Mortality in Geriatric Traumatic Brain Injury Patients. **Biomedinformatics**. April 2026. <https://www.mdpi.com/2673-7426/6/2/17>

Li T\*, Chen S\*, Fan J\*, Pishgar E, **Alaei K**, Placencia G, **Pishgar M**. Prediction of Postoperative Stroke in Elderly Surgical ICU Patients Using Random Forest Model: Development and External Validation in MIMIC-III and MIMIC-IV. **Biomedinformatics**. April 2026. <https://www.mdpi.com/2673-7426/6/2/16>

Fana J\*, Suna L\*, Ashrafia N\*, **Alaei K**, **Pishgar M**. Aligning language models with clinical expertise: Direct preference optimization for heart failure nursing documentation in critical care. March 2026. **Computer Methods and Programs in Biomedicine Update**. April 2026; Volume 9, 100244 in, H.,

Jin H\*, Ashrafi N\*, **Alaei K**, Pishgar E, Placencia G, **Pishgar M**. A Novel Multi-Task Teacher-Student Architecture with Self-Supervised Pretraining for 48-Hour Vasoactive-Inotropic Trend Analysis in Sepsis Mortality Prediction. **IEEE Journal of Biomedical and Health Informatics**. March 2026; PP. vol. 30, no. 3, pp. 1986-1999, , doi: 10.1109/JBHI.2025.3609667. Epub ahead of print. PMID: 40956744

**Alaei, K.; Kwan, B.;** Lounsbey, C.P.; Abdullozoda, J.; Yusufi, S.J.; Cortez, P.; Tiwana, M.; Nguyen, J.; Torabzadeh, H.R.; **Alaei, A.** Viral Suppression Among People Living with HIV in Tajikistan: A Nationwide Analysis. **Viruses**. March 2026, 18, 348. <https://doi.org/10.3390/v18030348>

Jafari M, **Alaei K**, Abdi H, Kooschi A, Saidi RF. Iran: Attacking injured protestors and healthcare workers violates medical neutrality. **BMJ**. Feb 2026 6;392:s243. in, H.,

**Alaei A, Alaei K**, Abdi H, Amani Azari S, Kooschi A, Mirzaei S, Saidi R, Jafari M. Violations of medical neutrality during protests in Iran. **The Lancet**. January 30, 2026 [https://doi.org/10.1016/S0140-6736\(26\)00101-7](https://doi.org/10.1016/S0140-6736(26)00101-7)

Li, Y.\* , Fan, J.\* , **Alaei, K., Pishgar, M.** Development of Machine Learning Models to Predict 28-Day Mortality in Patients with Sepsis-Associated Liver Injury. **Bio Med Informatics**. Jan 2026, 6, 4. <https://doi.org/10.3390/biomedinformatics6010004>

Chen S\*, Si Y\*, Fan J\*, Sun L\*, Placencia G, Pishgar E, **Alaei K, Pishgar M**. Interpretable Machine Learning Model for Early Prediction of 30-Day Mortality in ICU Patients With Coexisting Hypertension and Atrial Fibrillation: A Retrospective Cohort Study. **Informatics in Medicine Unlocked**. Nov. 2025; Volume 59, 2025, 101717 <https://www.sciencedirect.com/science/article/pii/S2352914825001066>

Assari S, Donovan A, Pallera JA, Assari G\*, Najand B, **Alaei K, Alaei A.** Does Stress Explain the Effects of Sexual/Gender Minority Status on Children's Behavioral and Emotional Risk? **Open Journal of Psychology**. 2025;5(1):38-51. doi: 10.31586/ojp.2025.6188. Epub 2025 Sep 18. PMID: 41048615; PMCID: PMC12490262.

Buenrostro, P.T., **Garcia, M.L, Luna, A.,** Leon-Cruz, G., Tovar, S., (In-Press). Development of Eat, Play, Go! Culturally Tailored Curriculum Addressing Latino Youth Obesity. **Health Education and Behavior**. doi.org/10.1177/10901981261428144

Aguirre, D., Garcia, M.L., Buenrostro, P.T., Korosteleva, O., Dionicio, P., Garay, J., Durazo, A., Bravo, M., & Bird, M. (2025). The Familias Saludables Study: A Culturally Tailored Family-Centered Intervention for Childhood Obesity Prevention Among Hispanic Communities. **Journal of Racial and Ethnic Health Disparities**. doi.org/10.1007/s40615-025-02348-2

Flórez KR, Whalen AD, Estrella ML, Chambers EC, Gallo LC, Daviglius ML, Garcia-Bedoya O, **Garcia, M.L,** Talavera GA, Perreira K, Ma W, Isasi CR (2025). Do household ties matter for diabetes awareness and self-care behaviors? Insights from the Hispanic Community Health Study/Study of Latinos. **Diabetes Research and Clinical Practice**. doi.org/10.1016/j.diabres.2025.112053

Alvarado, C., **Nguyen-Rodriguez, S.T.,** Frank, G.C., **Garcia, M. & Gatdula, N.** (2025). Influence of home language use on association between parent education and child adiposity in Latino families. **Journal of Racial and Ethnic Health Disparities**, doi.org/10.1007/s40615-024-01935-z

Johnson DA, Rojo-Wissar D, **Nguyen-Rodriguez ST,** Estevez R, Weiss C, Cramer Bornemann M, Komolafe M, Eban-Rothschild A, Goel N. Diversity, equity, and inclusion: Findings from the Society for Sleep Research. **Sleep Health** 10(6): 731-737; 2025. doi: 10.1016/j.sleh.2024.08.010 PMCID: PMC11829715

**Nguyen-Rodriguez ST,** Rasc?n MS, Lucas W, Bird M, Rios-Ellis B. Youth Empowerment for Success (YES!) S? Se Puede: Evaluation results from an urban Latinx youth development program. **Prog Community Health Partners** 19(1): 85-93; 2025. doi: 10.1353/cpr.2025.a956600 PMCID: PMC11999249

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