

BIOGRAPHICAL SKETCH

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NAME: Tolentino, Dante Anthony

eRA COMMONS USER NAME (credential, e.g., agency login): ATOLENTINO1

POSITION TITLE: Assistant Professor of Nursing

EDUCATION/TRAINING *(Begin with baccalaureate or other initial professional education, such as nursing, include postdoctoral training and residency training if applicable. Add/delete rows as necessary.)*

INSTITUTION AND LOCATION	DEGREE (if applicable)	Completion Date MM/YYYY	FIELD OF STUDY
San Francisco State University, San Francisco, CA	BS	05/2006	Nursing
San Francisco State University, San Francisco, CA	MA	01/2012	Education
The University of Arizona, Tucson, AZ	PhD	05/2020	Nursing
University of Michigan, Ann Arbor, MI	MS	08/2021	Health and Healthcare Research
University of Michigan National Clinician Scholars Program, Ann Arbor, MI	Postdoctoral	06/2022	Health Services Research

A. Personal Statement

I am an Assistant Professor of Nursing and an early-career investigator passionate about improving the health of Filipino Americans with type 2 diabetes. My long-term research goal is to provide safe and culturally sensitive interventions to improve diabetes outcomes in Filipino Americans. I have a broad nursing and health services background, with specific training in informatics, survey research, and secondary data analysis. For my pre-doctoral work, I examined nurses' workflow patterns using data mining and observational studies. As a postdoctoral fellow with the National Clinician Scholars Program at the University of Michigan, I shifted my focus on understanding the complexities of managing type 2 diabetes among Filipino Americans by conducting qualitative studies grounded in decolonization as a philosophical basis and methodology. My experience in qualitative research has allowed me to explore the experiences and narratives of Filipino Americans living with type 2 diabetes, enriching our understanding of the different challenges and successes of self-management. Additionally, I carried out survey research and secondary data analyses on the social determinants of mental health during COVID-19, the use of digital health and willingness to share health data and information, and the relationship between financial well-being to diabetes distress (manuscript-in-progress). I am writing a K award to explore the physiological and behavioral pathways of colonial mentality to cumulative stress (measured by allostatic load), self-management behaviors, and diabetes-related outcomes.

Ongoing and recently completed research projects that I would like to highlight include:

UC END-DISPARITIES PILOT AWARD P50-MD017366

NIH/NCATS: UCLA CTSI UL1TR001881

03/01/2023 – 02/28/2025

Role: PI (Primary mentor: Sarah Choi, Co-mentor: Ninez Ponce)

Spatial mapping of diabetes self-management education and support (DSMES) utilization and the determinants of DSMES engagement among Asian Americans with type 2 diabetes in Southern California

This project addresses a crucial knowledge gap related to the reasons behind the reduced involvement of Asian Americans in DSMES. Also, it aims to comprehensively locate and assess the resource distribution of these programs in Southern California by identifying areas with varying levels of resource requirements.

Citations:

1. **Tolentino DA**, Ali S, Jang SY, Kettaneh C, Smith JE. Type 2 diabetes self-management interventions among Asian Americans in the United States: A scoping review. *Health Equity*. 2022;6(1):750-766. doi: 10.1089/heq.2021.0083. PubMed PMID: 36225656; PubMed Central PMCID: PMC9536350.
2. Morone JF, **Tolentino DA**, Aronowitz SV, Siddiq H. The COVID-19 pandemic and the push to promote and include nurses in public health policy. *Am J Public Health*. 2022 Jun;112(S3):S231-S236. doi: 10.2105/AJPH.2022.306837. PubMed PMID: 35679543; PubMed Central PMCID: PMC9184891.
3. Gephart SM, **Tolentino DA**, Quinn MC, Wyles C. Neonatal intensive care workflow analysis informing NEC-zero clinical decision support design. *Comput Inform Nurs*. 2023 Feb 1;41(2):94-101. doi: 10.1097/CIN.0000000000000929. PubMed PMID: 35470306.
4. Jeffers KS, Siddiq H, Martinez-Hollingsworth AS, Aronowitz SV, Sinko L, Travers JL, **Tolentino DA**, Burns J, Bell SA, Beck DC, Gutierrez JI Jr, Bulgin D, Manges KA, Mansfield LN, Bettencourt AP, Jun J, Fauer AJ, Lipsky RK, Adynski GI, Choi KR. Nurses should oppose police violence and unjust policing in healthcare. *Int J Nurs Stud*. 2021 May;117:103735. doi: 10.1016/j.ijnurstu.2020.103735. Epub 2020 Aug 1. PubMed PMID: 32819711.
5. **Tolentino DA**, Subbian V, Gephart SM. Applying Computational Ethnography to Examine Nurses' Workflow Within Electronic Health Records. *Nurs Res*. 2021 Mar-Apr 01;70(2):132-141. doi: 10.1097/NNR.0000000000000486. PubMed PMID: 33630536.

B. Positions, Scientific Appointments, and Honors

Positions and Scientific Appointments

2022 – Present	Assistant Professor, School of Nursing, University of California, Los Angeles, CA
2022 – Present	Fellow, Michigan Integrative Well-Being and Inequality, Ann Arbor, MI
2021 – Present	Member, Philippines Nurses Association of American, Inc.
2020 – 2022	Postdoctoral Research Fellow, University of Michigan, Ann Arbor, MI
2019 – 2020	Lecturer, School of Nursing, San Francisco State University, San Francisco, CA
2017 – 2019	Nursing Research Fellow, Dignity Health Nursing Research, Sacramento, CA
2016 – Present	Member, American Medical Informatics Association
2016 – 2018	Graduate Research Assistant, The University of Arizona, Tucson, AZ
2015 – 2020	Regional Clinical Informaticist, Dignity Health, San Francisco, CA
2013 – 2015	Lecturer, School of Nursing, San Francisco State University, San Francisco, CA
2011 – 2015	Manager of Clinical Informatics, Sequoia Hospital, Redwood City, CA
2007 – 2011	Clinical Informatics Nurse, Sequoia Hospital, Redwood City, CA
2007 – 2008	Cardiovascular Data Nurse, Sequoia Hospital Redwood City, CA
2006 – 2007	Staff Nurse, Stanford Hospital, Palo Alto, CA

Honors

2023	Fellow, American Medical Informatics Association
2020	Award for Outstanding PhD Dissertation, College of Nursing, The University of Arizona
2012	Nursing Excellence Award in Leadership, Dignity Health, Sequoia Hospital
2006	Academic Excellence Award in Nursing, School of Nursing, San Francisco State University

C. Contributions to Science

1. **Type 2 diabetes in Asian/Filipino Americans.** More than 10% of Filipino Americans live with type 2 diabetes; however, little research has investigated the effects of the intersection of social and cultural determinants of health on diabetes self-management among Filipino Americans. With the increasing need to disaggregate data to understand better specific health needs of historically and contemporary minoritized groups, such as Filipino Americans, I conducted a scoping review and two qualitative studies to describe the literature on interventions focused on Asian Americans and explore the socio-

cultural experiences of Filipino Americans in their disease management. Specifically, we published a review examining self-management interventions developed across Asian Americans, describing intervention components and outcome measures. One of our qualitative studies explored Filipino Americans' diabetes self-management experiences during COVID-19. Using decolonization as a philosophical basis and methodology, we described how the stressors of the pandemic, coping behaviors, and self-management outcomes were related to an indigenous Filipino knowledge system called *Sikolohiyang Pilipino*. Another qualitative manuscript is under review that describes individual, cultural, social, and environmental factors supporting optimal management of type 2 diabetes among Filipino Americans. The findings from this study suggest that many Filipino American participants equated being Filipino and its culture as barriers to successful diabetes self-management. Conducting these studies are vital to continue to decolonize health among Filipino Americans with type 2 diabetes by increasing awareness about this community and focusing on their needs in current and future studies.

- a. **Tolentino, DA** & Tolentino DA, Brynes ME. Filipino Americans' Social and Cultural Experiences of Type 2 Diabetes Management: Cultural Paradox, Ownership, and Success Definition. *J Transcult Nurs*. 2024 Jan;35(1):41-52. doi: 10.1177/10436596231209041. Epub 2023 Nov 14. PubMed PMID: 37961912; PubMed Central PMCID: PMC10714704.
- b. **Tolentino DA**, Roca RPE, Yang J, Itchon J, Byrnes ME. Experiences of Filipino Americans with Type 2 Diabetes during COVID-19: A Qualitative Study. *West J Nurs Res*. 2023 Jun;45(6):562-570. doi: 10.1177/01939459231162917. Epub 2023 Mar 21. PubMed PMID: 36945181; PubMed Central PMCID: PMC10034559.
- c. **Tolentino DA**, Ali S, Jang SY, Kettaneh C, Smith JE. Type 2 diabetes self-management interventions among Asian Americans in the United States: A scoping review. *Health Equity*. 2022;6(1):750-766. doi: 10.1089/heq.2021.0083. PubMed PMID: 36225656; PubMed Central PMCID: PMC9536350.

2. **Social determinants of health.** In addition to the contributions described above, with a team of collaborators, we conducted cross-sectional analyses to examine various social determinants of health that describe 1) how the COVID-19 pandemic has negatively impacted many people's mental health and amplified existing structural inequities and 2) different social factors that explain digital health usage and information-sharing behaviors among American adults. In another study, we highlighted how material deprivation, particularly financial and economic well-being among people with diabetes, can better inform policy, practice, and interventions to support diabetes management. In this study, we described the state of economic burden, financial stress, and coping attitudes among people with high HbA1C. As social determinants of health influence overall health outcomes, it is vital that we have an understanding of the conditions under which people are born, grow, work, live, and age so that we can empower individuals to make informed health decisions, utilize digital innovations to modernize care delivery, and address and advocate health and social needs of many understudied communities.

- a. **Tolentino DA**, Ajuwon AM. A cross-sectional study on social determinants of mental health during COVID-19 among adults in California. *J Adv Nurs*. 2023 Aug 7;. doi: 10.1111/jan.15803. [Epub ahead of print] PubMed PMID: 37550826.
- b. **Tolentino DA**, Costa DK, Jiang Y. Determinants of American adults' use of digital health and willingness to share health data to providers, family, and social media: A cross-sectional study. *Comput Inform Nurs*. 2023 Jun 12;. doi: 10.1097/CIN.0000000000001025. [Epub ahead of print] PubMed PMID: 37310724.
- c. Patel MR, Anthony **Tolentino D**, Smith A, Heisler M. Economic burden, financial stress, and cost-related coping among people with uncontrolled diabetes in the U.S. *Prev Med Rep*. 2023 Aug;34:102246. doi: 10.1016/j.pmedr.2023.102246. eCollection 2023 Aug. PubMed PMID: 37252071; PubMed Central PMCID: PMC10209691.

Complete List of Published Work in MyBibliography:

<https://www.ncbi.nlm.nih.gov/myncbi/dante%20anthony.tolentino.1/bibliography/public/>