

**David Xavier Marquez, PhD**  
**FNAK, FACSM, FGSA, FSBM**  
**Curriculum Vitae**  
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**A. CONTACT INFORMATION**

*Address* University of Illinois Chicago  
Department of Kinesiology and Nutrition  
1919 W. Taylor Street, Room 654, MC 994  
Chicago, Illinois 60612  
Phone: 312.996.1209  
Fax: 312.413.0319  
E-mail: [marquezd@uic.edu](mailto:marquezd@uic.edu)  
Website: <https://epl.ahs.uic.edu/>  
Twitter: <https://twitter.com/DrDavidMarquez>

**B. EDUCATION**

*Ph.D.:* 2004  
Kinesiology, specialization in Exercise and Health Psychology  
University of Illinois at Urbana-Champaign  
*Advisor:* Dr. Edward McAuley

*M.S.:* 2000  
Kinesiology, specialization in Exercise and Health Psychology  
University of Illinois at Urbana-Champaign  
*Advisor:* Dr. Edward McAuley

*B.S.:* 1997  
Psychology  
Loyola University Chicago

**C. PROFESSIONAL EXPERIENCE**

2024-present **Department Head, University of Illinois Chicago**  
Department of Kinesiology and Nutrition

2023-2024 **Interim Department Head, University of Illinois Chicago**  
Department of Kinesiology and Nutrition

2019-present **Professor, University of Illinois Chicago**

	Department of Kinesiology and Nutrition
2016-present	<b>Visiting Associate Professor, Rush University</b> Rush Alzheimer's Disease Center (RADDC)
2018-2019	<b>Associate Department Head, University of Illinois at Chicago</b> Department of Kinesiology and Nutrition
2014-2019	<b>Associate Professor, University of Illinois at Chicago</b> Department of Kinesiology and Nutrition
2007-2014	<b>Assistant Professor, University of Illinois at Chicago</b> Department of Kinesiology and Nutrition
2004-2007	<b>Assistant Professor, University of Massachusetts, Amherst</b> Departments of Kinesiology and Public Health School of Public Health and Health Sciences
2000-2004	<b>NIH Minority Predoctoral Fellow</b>
1999-2004	<b>Research Assistant, Dr. Edward McAuley</b>
2002	<b>Graduate Student Advisor, Summer Research Opportunity Program</b>
1999-2001	<b>Director, Lifetime Fitness Program for Older Adults</b>
2001	<b>Instructor: Weight training</b>
2001-2003	<b>Teaching Assistant: Exercise and Health Psychology</b>
1999-2003	<b>Teaching Assistant: Introduction to Sport and Exercise Psychology</b>
1999-2000	<b>Teaching Assistant: Social Scientific Basis of Sport</b>

## **D. SCHOLARLY ACTIVITY**

### ***D.1. Book Chapters & Reports***

Lamar M, Barnes LL, **Marquez DX**. (2023). Acculturation in Context: A framework for investigating cognitive and brain aging in people of Hispanic and Latin American Descent. In JL Angel, FC Drumond Andrade, F Riosmena, S Mejia-Arango (Eds) Older Mexicans and Latinos in the United States: Where Worlds Meet. Switzerland: Springer Cham.

**Marquez, D. X.** (2021). ACSM's Resources for the Exercise Physiologist

(3<sup>rd</sup> edition); Chapter 11, Theories of Behavior Change. Associate Editor: Heather Chambliss, PhD, FACSM

Blissmer, B., **Marquez, D. X.**, & Connell-Bohlen, L. (2021). ACSM Guidelines for Exercise Testing & Prescription (11<sup>th</sup> edition); Chapter 12: Behavioral Theories and Strategies for Promoting Exercise.

Whitt-Glover, M.C., **Marquez, D. X.**, Affuso, O., Behrens, T.K., & Liebert, M.L. (2019). Chapter: Summary of health and fitness benefits of physical activity and risks for chronic diseases associated with physical inactivity among Americans. In *Physical Activity and Public Health: A Practitioner's Guide*.

2018 Physical Activity Guidelines Advisory Committee. *2018 Physical Activity Guidelines Advisory Committee Scientific Report*. Washington, DC: U.S. Department of Health and Human Services, 2018. <https://health.gov/paguidelines/report/>

**Marquez, D.X.**, Carrion, I. V., Aguiñaga, S., & Lamar, M. (2019). "Integration of Consortiums and Search for International Financing." In *Aging Research - Methodological Issues*, Second edition (Carmen Garcia Pena, Luis Miguel Gutierrez, Mario Ulises Pérez Zepeda, Editors). Springer Publishing.

**Marquez, D.X.**, Aguiñaga, S., Vasquez, P., Marques, I., & Martinez, M. (2017). "Physical activity interventions in Latino populations." In *Physical activity in diverse populations: Examining the evidence and strategies for practice* (Melissa Bopp, Editor). Taylor and Francis, London.

Hunter, R.H., Potts, S., Beyerle, R., Stolof, E., Lee, C., Duncan, R., Vandenberg, A., Belza, B., **Marquez, D.X.**, Friedman, D.B., Bryant, L. Pathways to Better Community Wayfinding [Internet]. Seattle, WA; Washington, DC: CDC Healthy Aging Research Network and Easter Seals Project ACTION; 2013 Dec [cited 2013 Nov 1]. 39 p. Available from: [www.prc-han.org](http://www.prc-han.org).

Blissmer, B., Hall, E. E., & **Marquez, D. X.** (2013). ACSM Guidelines for Exercise Testing & Prescription (9<sup>th</sup> edition); Chapter 11: Behavioral Theories and Strategies for Promoting Exercise.

Blissmer, B., **Marquez, D. X.**, Jerome, G. J., & Kimiecik, J. C. (2005). Theory and application in promoting exercise behavior. In D. Hackfort, J. Duda, and R. Lidor (Eds.), *Handbook of research in applied sport and exercise psychology: International Perspectives*. Morgantown, WV: Fitness Information Technology.

McAuley, E., Blissmer, B., & **Marquez, D.X.** (2001). Self-efficacy: Antecedents and outcomes of physical activity. In F. Cury and P. Sarrazin (Eds.), *Theories de la motivation et pratiques sportives: Etat des recherches*. Paris, France: French University Press.

## ***D.2. Articles in Refereed Journals***

Jaldin, M.A., Balbim, G.M., Pinto, J., Negrete, M., Motl, R.W., Bustamante, E.E., Aguinaga, S., Kaushal, N., Castillo, C., Khanna, S., Brunskill, A., **Marquez, D.X.** (In Press). Systematic review and meta-analysis of the effects of dance on cognition and depression in healthy older adults. *Medicine & Science in Sports & Exercise*. DOI:

**Marquez, D.X.**, Jaldin, M.A., & Ocampo-Mota, J. (In Press). Latin dance and cognitive impairment: Importance of una mezcla of culture and science. *Journal of Alzheimer's Disease*. doi:

Colón-Semenza, C., Darbandsari, P., Carolan, K., **Marquez, DX.**, & Gorin, A. (2024) Comparing physical activity experiences, values, and beliefs of Latino and non-Latino people living with Parkinson's disease: a qualitative study. *Physical Therapy & Rehabilitation Journal*. <https://doi.org/10.1093/ptj/pzae119>

Reddy, JS., Heath, L., Vander Linden, A., Allen, M., de Paiva Lopes, K., Seifar, F., Wang, E., Ma, Y., Poehlman, WL., Quicksall, ZS., Runnels, A., Wang, Y., Duong, DM., Yin, L., Xu, K., Modeste, ES., Shantaraman, A., Dammer, EB., Ping, L., Oatman, SR., Scanlan, J., Ho, C., Carrasquillo, MM., Atik, M., Yopez, G., Mitchell, AO., Nguyen, TT., Chen, X., **Marquez, DX.**, Reddy, H., Xiao, H., Seshadri, S., Mayeux, R., Prokop, S., Lee, EB., Serrano, GE., Beach, TG., Teich, AF., Haroutunian, V., Fox, EJ., Gearing, M., Wingo, A., Wingo, T., Lah, JJ., Levey, AI., Dickson, DW., Barnes, LL., De Jager, P., Zhang, B., Bennett, DA., Seyfried, NT., Greenwood, AK., & Ertekin-Taner, N. (2024). Bridging the Gap: Multi-Omics Profiling of Brain Tissue in Alzheimer's Disease and Older Controls in Multi-Ethnic Populations. *Alzheimer's & Dementia: The Journal of the Alzheimer's Association*. DOI: 10.1101/2024.04.16.589592.

Bronas, U., **Marquez, D.X.**, Fritschi, C., Kitsiou S., Ajilore O., Tittle N, & Dunn S. (2024). Ecological Momentary Intervention to Replace Sedentary Time with Physical Activity to Improve Executive Function in Mid-life and Older Latino Adults: A Pilot Randomized Controlled Trial. *Journal of Medical Internet Research*. DOI: 10.2196/55079.

Quinn, K., Leiser-Ransom, S., O'Connell, C.N., Muramatsu, N., **Marquez, D.X.**, & Chin, J. (2024). Assessing the feasibility and acceptability of smart speakers in behavioral intervention research with older adults: A mixed methods study. *Journal of Medical Internet Research*. DOI: 10.2196/54800.

Chen Y, Power MC, Grodstein F, Capuano AW, Lange-Maia BS, Moghtaderi A, Stapp EK, Bhattacharyya J, Shah RC, Barnes LL, **Marquez DX**, Bennett DA, James BD. (2024). Correlates of missed or late versus timely diagnosis of dementia in healthcare settings. *Alzheimer's & Dementia: The Journal of the Alzheimer's Association*. DOI: doi: 10.1002/alz.14067.

Lara D, Alaniz-Cantú EI, Siddalingaiaha S, Oliveira I, Chávez-Iñiguez I, DeJesus E, Fuller D, **Marquez DX**, Vásquez E, Li D, McIntosh S, Ossip DJ, Cupertino AP, Cartujano-Barrera

- F. (2024). Activatexto: Feasibility and acceptability of a mobile intervention that promotes smoking cessation and physical activity among Latinos. *Cancer Res Commun*. DOI: 10.1158/2767-9764.CRC-23-0519.
- Piedra, L. M., Iveniuk, J., Howe, M. J. K., Pudelek, K., & **Marquez, D. X.** (2024). Addressing cognitive assessment disparities among Hispanic adults: Adapting the MoCA-SA for improved accuracy and accessibility among Spanish-speakers. *The Journals of Gerontology: Series B*. <https://doi.org/10.1093/geronb/gbae036>
- Silveira SL, Motl RW, Salter A, **Marquez DX.** (2024). Social cognitive theory variables as correlates of physical activity behavior among Hispanics with multiple sclerosis. *Archives of Physical Medicine and Rehabilitation*. DOI:<https://doi.org/10.1016/j.apmr.2024.01.009>
- Jaen, J., Grodstein, F., Lajous, M., Bello-Chavolla, OY., Gómez-Flores-Ramos, L., Yang, J., Bennett, DA., **Marquez, DX.**, & Lamar, M. (2024). Associations of nativity and the role of the Hispanic Paradox on the cognitive health of older Latinos living in the United States, *Journal of Alzheimer's Disease*. DOI: 10.3233/JAD-231358
- Lopez, O., Jaldin, M.A., Kaushal, N., & **Marquez, D.X.** (2023). Latin Dance Effects on Cardiorespiratory Fitness and Physical Function in Middle-aged and Older Latino Adults. *Journal of Aging and Physical Activity*. <https://doi.org/10.1123/japa.2022-0415>
- Fleischman DA, Arfanakis K, Zhang S, Leurgans SE, Barnes LL, Bennett DA, **Marquez DX,** & Lamar M. (2023). Acculturation in Context and Brain Health in Older Latino Adults: A Diffusion Tensor Imaging Study. *Journal of Alzheimer's disease*, 95(4) 1585-1595. DOI: 10.3233/JAD-230491.
- Song, RJ, Xue, X, Spartano, NL, Xanthakis, V, Sotres-Alvarez, D, **Marquez, DX,** Daviglius, M, Carlson, JA, Parada Jr, H, Evenson, KR, Talavera, AC, Gellman, M, Perreira, KM, Gallo, LC, Vasan, RS, & Kaplan, RC. (2023). Characterizing longitudinal change in accelerometry-based moderate-to-vigorous physical activity in the Hispanic Community Health Study/Study of Latinos and the Framingham Heart Study. *BMC Public Health*, 23. DOI: 10.1186/s12889-023-16442-9
- Falck RS, Liu-Ambrose T, van Uffelen J, Macpherson H, **Marquez DX,** Gardiner P, Savelberg HHCM. (2023). Editorial: The 24-Hour Activity Cycle and Cognitive Health – how are physical activity, sedentary behaviour, and sleep interactively associated with cognitive health cross the lifespan? *Frontiers in Human Neuroscience*, 17. <https://doi.org/10.3389/fnhum.2023.1248262>
- Lamar, M., Kershaw, K. N., Mukherjee, R.R., Lange-Maia, B.L., **Marquez, D.X.**, & Barnes, L.L. (2023). Neighborhood-level social vulnerability and individual-level cognitive and motor functioning over time in older non-Latino Black and Latino adults. *Frontiers in Human Neuroscience, section Brain Health and Clinical Neuroscience*, 17. <https://doi.org/10.3389/fnhum.2023.1125906>

- Aranda, M.P., **Marquez, D.X.**, Gallagher-Thompson, D., Perez, A., Rojas, J.C., Hill, C.V., Reyes, Y., Dilworth-Anderson, P., & Portacolone, E. (2023). A call to address structural barriers to the representation of Hispanics/Latinos in clinical trials on Alzheimer's and Related Dementias: A micro-meso-macro perspective. *Alzheimer's & Dementia Translational Research & Clinical Investigations*, 9(2):e12389. doi: 10.1002/trc2.12389.
- Lamar, M., Glover, C.M., Capuano A.W., Wilson, R.S., Fleischman, D.A., Bennett, D.A. & **Marquez, D.X.** (2023). Stability and change in acculturation-related characteristics of older Latinos: Implications for culturally compatible ADRD research. *Alzheimer's & Dementia Translational Research & Clinical Investigations*, 9(2):e12380. doi: 10.1002/trc2.12380.
- Lamar, M., Estrella, M.L., Capuano, A.W., Leurgans, S., Fleischman, D., Barnes, L.L., Lange-Maia, B., Bennett, D.A. & **Marquez, D.X.** (2023). A longitudinal study of acculturation in context and cardiovascular health and their effects on cognition among older Latinos. *Journal of the American Heart Association*. 10.1161/JAHA.122.027620
- Marquez, D.X.**, Jaldin, M.A., Negrete, M., Whitt-Glover, M.C., & Glover, C.M. (2023). Physical activity & health equity for middle-aged and older adults. *Kinesiology Review*. doi: <https://doi.org/10.1123/kr.2022-0032>
- Glover, C.M., Barnes, L.L., Aggarwal, N., **Marquez, D.X.**, & Arfanakis, C. (2022). A qualitative examination of knowledge, experiences, and considerations of PET brain scan participation among older Black and Latino adults. *Journal of Alzheimer's Disease*. DOI: 10.3233/JAD-220861
- Silveira, S.L., Motl, R.W., **Marquez, D.X.**, Lancia S, & Salter, A. (2022). Physical activity as a correlate of symptoms, quality of life, comorbidity, and disability status in Hispanics with multiple sclerosis. *Disability and Health Journal*. doi: <https://doi.org/10.1016/j.dhjo.2022.101398>
- Santiago-Rodríguez, M.E., Chen, J., Pfeiffer, K. A., *Marquez, D. X.*, Odoms-Young, A. & Bustamante, E. E. (2022). Developmental Disparities in Sedentary Time by Period of the Day among US Youth: A Cross-Sectional Study. *BMC Public Health*. doi: <https://doi.org/10.1186/s12889-022-14447-4>
- Jaldin, M.A., Balbim, G.M., Colin, S.J., Marques, I.G., Mejia, J., Magallanes, M., Rocha, J.S., & **Marquez, D.X.** (2022). The influence of Latino cultural values on the perceived caregiver role of family members with Alzheimer's disease and related dementias. *Ethnicity & Health*. DOI: 10.1080/13557858.2022.2115018.
- Marquez, D.X.**, Perez, A., Johnson, J.K., Jaldin, M., Pinto, J., Keiser, S., Tran, T., Martinez, P., Guerrero, J., & Portacolone, E. (2022). Increasing engagement of Hispanics/Latinos in clinical trials on Alzheimer's disease and related dementias. *Alzheimer's & Dementia: Translational Research & Clinical Interventions*. DOI: 10.1002/trc2.12331

- Perez, A., Johnson, J.K., **Marquez, D.X.**, Keiser, S., Martinez, P., Guerrero, J., Tran, T., & Portacolone, E. (2022). Factors related to COVID-19 vaccine intention in Latino communities. *PLoS ONE* 17(11): e0272627. doi:10.1371/journal.pone.0272627
- Marquez, D.X.**, Wilbur, J., Hughes, S., Wilson, R., Buchner, D. M., Berbaum, M.L., McAuley, E., Aguiñaga, S., Vásquez, P., Marques, I.G., Balbim, G.M., Wang, T., & Kaushal, N. (2022). B.A.I.L.A. – Latin Dancing to increase Physical Activity in Spanish-speaking older Latinos. *Annals of Behavioral Medicine*. DOI: 10.1093/abm/kaac009
- Aguiñaga, S., Kaushal, N., Balbim, G.M., Wilson, R., Wilbur, J., Hughes, S., Buchner, D.M., Berbaum, M., McAuley, E., Vásquez, P.M., Marques, I.G., Wang, T., & **Marquez, D.X.** (2022). Latin dance and Working Memory: The mediating effects of physical activity among middle-aged and older Latinos. *Frontiers in Aging Neuroscience, section Neurocognitive Aging and Behavior*. doi: 10.3389/fnagi.2022.755154
- Silveira, S.L., Motl, R.W., **Marquez, D.X.**, & Salter, A. (2022). Rates and patterns of physical activity among Hispanics with multiple sclerosis in the NARCOMS Registry. *Multiple Sclerosis and Related Disorders*. doi: 10.1016/j.msard.2022.104018
- Santiago-Rodriguez, M. E., Ramer, J. D., **Marquez, D. X.**, Frazier, S. L., Davis, C. L. & Bustamante, E. E. (2022). Device-Based Movement Behaviors, Executive Function, and Academic Skills among African American Children with ADHD and Disruptive Behavior Disorders. *International Journal of Environmental Research and Public Health*, <https://doi.org/10.3390/ijerph19074032>.
- Vermeesch, A., Bustamante, E.E., Coleman, N., Goldsby, T., Hasson, R.E., Hooker, S.P., **Marquez, D. X.**, & Conroy, M. (2022). Exercise is Medicine for underserved and vulnerable populations: Factors influencing implementation. *Translational Journal of the American College of Sports Medicine*. DOI:10.1249/tjx.0000000000000196
- Aguiñaga, S., Guzman, J., Soto, Y., & **Marquez, D.X.** (2022). Self-rated health as a predictor of cognition among middle-aged and older Latinos. *Aging, Neuropsychology and Cognition*. 10.1080/13825585.2022.2038070
- Muramatsu, N., Yin, L., Berbaum, M.L., **Marquez, D.X.**, Walton, S., Caceres, M., Cruz Madrid, K., & Zaroni, J.P. (2021). Protocol for a Randomized Controlled Trial of Low-intensity Physical Activity for Frail Older Adults: Promoting Seniors Health with Home Care Aides (Pro-Home). *Contemporary Clinical Trials*. DOI: 10.1016/j.cct.2021.106362
- Grodstein, F., Chang, C., Capuano, A.W., Power, M.C., **Marquez, D.X.**, Barnes, L.L., Bennett, D.A., James, B.D., Bynum, J.P. (2021). Identification of dementia in recent Medicare claims data, compared to rigorous clinical diagnosis. *Journal of Gerontology: Medical Sciences*. <https://doi.org/10.1093/gerona/qlab377>
- Stites, S, Midgett, S, Mechanic-Hamilton, D, Zuelsdorff, M, Glover, C, **Marquez, D**; Balls-

- Berry, J, Streitz, M, Babulal, G, Trani, J, Henderson, JN, Barnes, L, Karlawish, J, Wolk, D. (2021). Establishing a framework for gathering structural and social determinants of health in Alzheimer's Disease Research Centers. *The Gerontologist*. DOI: 10.1093/geront/gnab182
- Marquez, D.X.**, Aguiñaga, S., Vásquez, P.G., Marques, I.G., Balbim, G.M., & Jaldin, M. (2021). Dancing among older Latinos: Interweaving health and culture. *Latino Studies*. <https://doi.org/10.1057/s41276-021-00344-1>
- Aguiñaga, S., Marques, I.G., Kitsiou, S., Balbim, G. M, Gerber, B.S., Buchholz, S.W., Bustamante, E.E., & **Marquez, D.X.** (2021). BAILAMOS™ with mhealth technology! Improving physical activity and well-being in middle-aged and older Latinxs. *Health Education & Behavior*. <https://doi.org/10.1177/10901981211027517>
- Balbim, GM, Marques, IG, **Marquez DX**, Patel D, Sharp LK, Kitsiou S, Nyenhuis SM. (2021). Using Fitbits as an mHealth Intervention Tool to Promote Physical Activity: Potential Challenges and Solutions. *JMIR mHealth and uHealth*. doi:10.2196/25289
- Balbim, G.M., Lamar, M., Ajilore, O., Erickson, K., Aguiñaga, S., Bustamante, E.E., **Marquez, D.X.** (2021). Associations of physical activity levels and white matter integrity in older Latino adults. *Ethnicity & Health*. doi: 10.1080/13557858.2021.1913484
- Guzman, J., Aguiñaga, S., Balbim, G.M., Lamar, M., Marques, I.G., **Marquez, D.X.** (2021). The Effects of the BAILAMOS™ Dance Program on Hippocampal Volume in Older Latinos: A randomized controlled study. *Translational Behavioral Medicine*. doi: 10.1093/tbm/ibab009
- Balbim, G.M., Ajilore, O.A., Erickson, K.I. , Lamar, M., Aguiñaga, S., Bustamante, E.E., **Marquez, D.X.** (2021). The Impact of the BAILAMOS™ Dance Program on Brain Functional Connectivity and Cognition in Older Latino Adults: A Pilot Study. *Journal of Cognitive Enhancement*. <https://doi.org/10.1007/s41465-020-00185-1>
- Vásquez, PM., Durazo-Arvizu, RA., **Marquez, DX.**, Argos, M., Lamar, M., Odoms-Young, A., Gallo, LC., Sotres-Alvarez, D., Castañeda, S., Perreira, K., Vidot, DC., Isasi, C., Gellman, MD., & Daviglus, ML. (2021). Association of accelerometer-measured physical activity and cardiovascular health in the Hispanic Community Health Study/Study of Latinos (HCHS/SOL). *Hispanic Health Care International*. doi: 10.1177/1540415320985581
- Hannan, M., Ricardo, A., Cai, J., Franceschini, N., **Marquez, D. X.**, Rosas, S., Schneiderman, N., Sotres-Alvarez, D., Talavera, G., Daviglus, M. & Lash, J. (2021). Sedentary behavior and change in kidney function: The Hispanic Community Health Study/Study of Latinos (HCHS/SOL). *Kidney360*. DOI: <https://doi.org/10.34067/KID.0006202020>
- Kline CE, Hillman CH, Bloodgood Sheppard B, Tennant B, Conroy DE, Macko RF, **Marquez DX**, Petruzzello SJ, Powell KE, Erickson KI. (2021). Physical activity and sleep: an



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- Daniel, M., **Marquez, D.X.**, Ingram, D., & Fogg, L. (2021). Group dance and motivational coaching in walking: Physical activity program for South Asian Indian immigrant women residing in the United States. *Journal of Physical Activity & Health*.  
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- Fitzgibbon, M. L., Tussing-Humphreys, L., Schiffer, L., Smith-Ray, R., **Marquez, D.X.**, DeMott, A. D., Berbaum, M.L., & Hughes, S. L. (2020). Fit and Strong! Plus: Twelve and Eighteen Month Follow-up Results for a Comparative Effectiveness Trial among Overweight/Obese Older Adults with Osteoarthritis. *Preventive Medicine*. doi: 10.1016/j.ypmed.2020.106267
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- Chin, J., Quinn, K., Muramatsu, N. & **Marquez, D.** (2020). A user study on the feasibility and acceptance of delivering physical activity programs to older adults through conversational agents. Proceedings of the 64th International Annual Meeting of the Human Factors and Ergonomics Society, 64(1), 33-37.

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- Montoya, Y., Balhim, G.M., Glover, C., & **Marquez, D.X.** (2020) “My parent’s body is sacred”: Perspectives from adult Latino children about brain donation for Alzheimer’s disease research. *Alzheimer Disease & Associated Disorders - An International Journal*. doi: 10.1097/WAD.0000000000000377
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### ***D.3. Articles in Review***

Tellez, M., Ocampo, J., Jaldin, M.A., Ajilore, O., Hughes, S., Chen, J., Walton, S., Muramatsu, N., & **Marquez, D.X.** (In preparation). CEREBRO: A virtual physical activity study for older Latinos with memory concerns.

Lee, J., West, D., Pellegrini, C., Wei, J., Wilcox, S., Neils-Strunjas, J., Rudsill, C., Friedman, D., **Marquez, DX.**, Balls-Berry, J., Dzwierzynski, J., & Yang, C-H. (In Review). Walking Interventions and Cognitive Health in Older Adults: A Systematic Review of Randomized Controlled Trials.

Bohplian, S., Fritschi, C., **Marquez, D.X.**, Tintle, N., Dunn, S., Quinn, L., & Bronas, U.G., (In review). Sedentary behaviors and physical activity experiences of Latino Mid-life and older adults. *The Journal of Advanced Nursing*.

Martinez, JE, Perales-Puchalt, J, Rodriguez, MJ, Rosselli, M., Salazar, C, **Marquez, DX**, Lamar, M, Kautz, T, Satizabal Barrera, CL, Vila Castelar, C, Rascovsky, K, Gonzalez, H, O'Bryant, S, Vintimilla, R, Diaz-Santos, M, Velez-Uribe, I, Quiroz, YT, & Llibre-Guerra, J. (In Review). Discussing the interplay of social determinants of health, aging and Alzheimer's biomarkers in U.S. Latinos. *Journal of Gerontology: Biological Sciences*.

Alotaibi, M., Cajita, M., Tintle, N.L., DeVon, H.A., **Marquez, D.X.**, Luong, A., Goodyke, M., Rivera, S.E., Hrynyk, H.P., & Dunn, S.L. (In Review). Associations Among Perceived Social Support, Physical Activity, and Health Related Quality of Life in Patients with Ischemic Heart Disease Reporting Moderate to Severe Hopelessness. *Quality of Life Research*.

Zlatar, Z.Z., Greenwood-Hickman, M.A., Martinez Lujan, L.N., Cooper, J., Florez-Acevedo, S., **Marquez. D.X.**, Gutierrez Aceves, R., Vargas, A. P., & Rosenberg, D.E. (In Review). De Pie y a Movernos Study: Feasibility and Cultural Adaptation of a Community-Engaged Physical Activity Intervention for Middle-Aged and Older Latinos. *Translational Behavioral Medicine*.

Ashford, MT, Aaronson, A., Jin, C., Camacho, MR., Eichenbaum, J., Ulbricht, A., Alaniz, R., Sorce, J., Kannan, S., Guerrero, L., **Marquez, DX.**, Flenniken, D., Fockler, J., Truran, D., Mackin, RS., Rivera Mindt, M., Morlett Paredes, A., González, HM., Weiner, MW., & Nosheny, RL. (In Review). Digital efforts in Spanish for enrolling Latino adults in the Brain Health Registry.

### ***D.4. Invited Presentations***

**Marquez, D. X.** Culture, Cultural Humility, and Effective Interventions. Presentation as part of the Physical Activity and Public Health course (PAPH), University of South Carolina, September 2024.

**Marquez, D. X.** Brain health in older Latinos: Prospective studies and Clinical trials.

Presentation given as part of NIH U19 Life Course Core in the ACT, Remote, April 2024.

**Marquez, D. X.** Importance of Culture in Addressing the Physical Activity of Latino/a/x/es. Seminar presented at Purdue University, Department of Health and Kinesiology, February 2024.

**Marquez, D. X.** Community Outreach and Dementia Cultural Differences. Presentation given as part of the 13th Nantz National Alzheimer Center Symposium Dementia in Understudied Populations, Houston TX, February 2024.

**Marquez, D. X.** Moving in a Culturally Relevant Way. Presentation as part of UIC Spark Talks, February 2024.

**Marquez, D. X.** Introduction, Addressing the Disparities in Dementia Risk, Early Detection and Care in US Latino Populations: Insights from the US Consortium of Aging, Dementia & Latino Studies (CADLAS), November 2023.

**Marquez, D. X.** Culture, Cultural Humility, and Effective Interventions. Presentation as part of the Physical Activity and Public Health course (PAPH), University of South Carolina, September 2023.

**Marquez, D. X.** Importance of Culture in Addressing the Physical Activity of Latino/a/xs. Seminar presented at Pennsylvania State University, Department of Kinesiology, February 2023.

**Marquez, D. X.** Translating Evidence into Practice – The Healthy Brain Initiative Road Map, GSA Momentum Discussion presented at the Annual Meeting of the Gerontological Society of America, Indianapolis, IN, November 2022.

**Marquez, D. X.** Presentation as part of Symposium on Novel behavioral interventions targeting cognitive-motor neuro plasticity in older adults, presented at the Annual Meeting of the Gerontological Society of America, Indianapolis, IN, November 2022.

**Marquez, D. X.** So you think you can dance (your way to better health)? Seminar as part of Precision Aging Network: Busting Myths, Boosting Brain Health, and Building Healthy Minds for Life in your Community, Remote, October 2022.

**Marquez, D. X.** Physical Activity & Health Equity for Middle Aged and Older Adults. Seminar as part of the National Academy of Kinesiology Annual Meeting, Providence, RI, September 2022.

**Marquez, D. X.** Discussant of Resilience, Interventions and Technology symposium, International Conference on Aging in the Americas (ICAA), Chicago, IL, September 2022.

- Marquez, D. X.** Culture and circumstance: Physical activity among older Latinxs in the US. Seminar presented as part of the University of Kansas Clinical Culture and Diversity Series: Developing Cross-Cultural Competencies, Remote, September 2022.
- Marquez, D. X.** Physical activity and Brain Health among Latinxs in the US. Seminar presented to University of Pennsylvania Summer Scholars, Remote, June 2022.
- Marquez, D. X.** Healthy Living for Brain and Body. Seminar presented as part of Alzheimer's Association community outreach, Remote, March 2022.
- Marquez, D. X.** Title TBD. Seminar presented at Duke Aging Center Postdoctoral Research Training Program (RTP) Seminar Series on Behavioral Science and Neuroscience of Aging, Remote, March 2022.
- Marquez, D. X.** Importance of Culture in Addressing the Health of Latino/a/xs. Seminar presented at Salus University DEI Speaks! Lecture series, Remote, February 2022.
- Marquez, D. X.** Keep Moving: How to Find and Keep an Exercise Routine. Seminar presented at UIC Alumni Exchange, Remote, January 2022.
- Marquez, D. X.** Cultural and Circumstantial Influences of Physical Activity in older Latinos. Seminar presented at University of Chicago Aging Crossroads Lecture Series, Remote, January 2022.
- Marquez, D. X.** Physical Activity in older Latinos: Cultural and Circumstantial Considerations. Seminar presented at UIC Department of Kinesiology and Nutrition, Remote, September 2021.
- Marquez, D. X.** Health of Latinos: Culture Really Matters. Keynote presented at Alzheimer's Foundation of America (AFA), Latino Brain Health Summit, Remote, July 2021.
- Marquez, D. X.** Older Latinos, Culture, and Health. Keynote presented to UIC Medicina Scholars End of Year Virtual Celebration, University of Illinois at Chicago, Remote, May 2021.
- Marquez, D. X.** Strategies for Recruitment and Retention of Older Adults in Research, Webinar series hosted by the Puerto Rican Cultural Center (PRCC) Chicago in partnership with the National Library of Medicine, Remote, March 2021.
- Marquez, D. X.** Physical Activity in older Latinos: Cultural and Circumstantial Considerations. Presented at the Neuroscience Research Seminars series of the University of Texas Rio Grande Valley, Remote, March 2021.
- Marquez, D. X.** Panelist for LARES Leaders on Latinx researchers at UIC, University of Illinois at Chicago, Remote, March 2021.

- Marquez, D. X.** Panelist on MindVersity and STEM for BLM-hosted BIPOC Mental Health Panel, Elon University, Remote, February 2021.
- Marquez, D. X.** Importance of Culture in the Health of Latino/a/xs. Presented to the University of Tennessee, Knoxville, Remote, February 2021.
- Marquez, D. X.** “Intersectionality: Inclusion of Older Participants of Color,” presented as part of NIA-sponsored RCCN workshop Inclusion of Older Adults in Clinical Research, Remote, February 2021.
- Marquez, D. X.** Health of Latino/a/xs: Importance of Culture. Keynote presented in the 1st Annual Minority Graduate Student Research Symposium, University of Illinois at Chicago, Remote, February 2021.
- Marquez, D. X.** Importance of Culture in the Health of Latino/a/xs. Presented to Elon University, Remote, February 2021.
- Marquez, D. X.** Health of Latino/a/xs: Culture Really Matters. Presented at American Foundation for Alzheimer’s, Remote, October 2020
- Marquez, D. X.** Health of Latino/a/xs: Culture Really Matters. Presented at Rush University Department of Preventive Medicine, Remote, September 2020
- Marquez, D. X.** Health of Latino/a/xs: Culture Pervades All. Presented at the Regenstrief Institute, Indianapolis, IN, February 2020
- Marquez, D. X.** Researcher’s perspective: Evidence on Latinx families’ views of aging and dementia. Presented as part of panel at National Association of Social Workers’ event, Perspectives on Latinx Aging, Chicago, IL, September 6, 2019
- Marquez, D. X.** Cognitive Function and Quality of Life in Older Latino Adults. Presented as part of UIC Aging & Health Symposium, Chicago, IL, May 2019
- Marquez, D. X.** Balancing your life and body: The importance of Physical Activity. Presented as part of Successful Aging: Improving Balance and Fall Prevention Workshop, Des Plaines, IL, May 2019.
- Marquez, D. X.** American College of Sports Medicine’s International Health and Fitness Summit, “Dance Your Way to Fun and Health,” Chicago, IL, March, 2019.
- Marquez, D. X.** Northwestern University’s Home and Community-based Service Agency and Academic Partnership: A Workshop about Research Engagement, “Engagement...Views from a Principal Investigator,” Chicago, IL, June, 2018.
- Marquez, D. X.** UIC Center for Health Behavior Research (CHBR) Lifestyle Research Collaboratory, “Physical Activity: Updates,” Chicago, IL, May, 2018.

- Marquez, D. X.** Rush Generations, “Understanding Memory Loss, Dementia, and Alzheimer's Disease (Exercise and its Benefits for the Brain),” Chicago, IL, May, 2018.
- Marquez, D. X.** Invited Panelist, Alzheimer’s and Dementia Disparities Engagement Network (ADDEN) of UsAgainstAlzheimer’s, Alzheimer’s Disparities Roundtable, Chicago, IL, April, 2018.
- Marquez, D. X.** Santa Fe Research Consortium meeting, entitled “Conducting Research with Underserved Communities,” Charleston, SC, February, 2018.
- Marquez, D. X.** Society of Behavioral Medicine (SBM) Grand Rounds, Mentoring Webinar, “Success as a Mid-Career Researcher,” February 2018
- Marquez, D. X.** Arizona State University T32 Visiting Scholar Seminar, College of Nursing & Healthcare Innovation lecture, entitled “Physical activity promotion among Latinos: Challenges and Successes,” Phoenix, AZ, February, 2016.
- Marquez, D. X.** Alzheimer’s Association, Greater Illinois Chapter (GIC) Annual Research Symposium, entitled “Nutrition, Exercise, and Lifestyle,” Oakbrook, IL, October, 2015.
- Marquez, D. X.** Physical Activity and Public Health research course. (3 Presentations). (1) “Self-report measures for physical activity assessment.” (2) “Determinants and correlates of physical activity: State of the Science.” (3) “Racial/Ethnic disparities in physical activity: Evidence from the US.” National Institute of Public Health, Cuernavaca, Morelos, Mexico, July 27-29, 2015.
- Marquez, D. X.** Northwestern University Center for Behavior and Health Seminar, Department of Preventive Medicine lecture, entitled “Latin dancing is fun...but are there health benefits?,” Chicago, IL, November, 2014.
- Marquez, D. X. & Montoya, Y.** UIC College of Medicine’s *Bridging the Gap: Emerging Health Issues in Underrepresented Minorities* entitled “¿Qué es el Alzheimer y cómo afecta a la comunidad Latina?” Chicago, IL, October, 2014.
- Marquez, D. X.** 2014-2015 Kinesiology and Community Health Colloquium series of the University of Illinois at Urbana-Champaign, entitled “Can older Latinos dance their way to better health,” Urbana, IL, October, 2014.
- Marquez, D. X.** Population Health and Behavior Outcomes Program of the University of Illinois Cancer Center, entitled “Physical activity promotion among Latinos: Cultural and environmental factors,” Chicago, IL, June, 2014.
- Marquez, D. X.** Invited Panelist, 6th annual Minority Health in the Midwest Conference, Chicago, IL, February, 2014.

Discussant, Age Friendly Chicago Round Table, 18<sup>th</sup> Annual James E. & Bonnie L. Eckenhoff Lecture and John & Gwen Smart Symposium at Northwestern University (2013)

**Marquez, D. X.** UIC Hispanic Center of Excellence (HCOE) Summer Undergraduate Research Program (SURP), entitled “Physical Activity and Dance among older Latinos,” Chicago, IL, July, 2013.

**Marquez, D. X.** UIC Diet and Behavior Shared Resource (DBSR) of the CCTS, Physical Activity Training Symposium entitled “Physical activity measurements,” Chicago, IL, May, 2013.

**Marquez, D. X.** Rush Alzheimer’s Disease Center Neuroepidemiology Lecture Series entitled “Physical activity and cognition among older Latinos,” Chicago, IL, April, 2013.

**Marquez, D. X.** American Society on Aging (ASA) Chicago Roundtable – Livable Communities entitled “Environmental and policy change to support healthy aging,” Chicago, IL, February, 2013.

**Marquez, D. X.** UIC Community Health Sciences 586, Health Behavior Interventions Course, entitled “Intervening on the Physical Activity of (older) Latinos to Improve Health,” Chicago, IL, November, 2012.

**Marquez, D. X.** UIC Honors College Course (HON 201): “An Introduction to Faculty Research and Scholarship Related to Diversity,” entitled “Physical activity of Latinos: AL’s considerations,” Chicago, IL, October, 2012.

**Marquez, D. X.** CDC Healthy Aging Research Network Workshop: *CDC-HAN Wayfinding and Community Assessment: Interactive Workshop and Research Planning* entitled “Assessing Key Environmental Factors in Older Adult Mobility: Introduction to Audit Tool and Relevant Evidence” and “Community Wayfinding Assessment Project Findings,” Atlanta, GA, October, 2012.

**Marquez, D. X.** CDC Healthy Aging Research Network Workshop: *CDC-HAN Environmental Audit Tool Orientation* entitled “Community Wayfinding: New Directions from South Chicago,” Atlanta, GA, September, 2012.

**Marquez, D. X.** Michigan State University, Department of Kinesiology entitled “Physical activity among Latinos: Social and cultural considerations,” East Lansing, MI, March, 2012.

**Marquez, D. X.** UIC College of Medicine’s *Bridging the Gap: Emerging Health Issues in Underrepresented Minorities* entitled “Epidemiology of Obesity in Minorities,” Chicago, IL, October, 2011.

**Marquez, D. X.** Rush University Grand Rounds entitled “Physical activity and health of Latinos,” Chicago, IL, May, 2011.



**Marquez, D. X.** Elon University Diversity Symposium entitled “Physical activity of Latinos: Social and cultural considerations,” Burlington, NC, April, 2011.

**Marquez, D. X.** Expert Panel Member: Approaches to improving self-report physical activity in diverse populations. NIH/CDC/ACSM/NCCOR sponsored meeting entitled “Measurement of Active and Sedentary Behaviors: Closing the Gaps in Self-Report Methods”, Washington, DC, July, 2010.

**Marquez, D. X.,** UIC Center of Excellence in Eliminating Disparities, Best Practices in Community Health, Seniors Well-being and Physical Activity, entitled “Physical activity among Latinos: Social and cultural considerations,” Chicago, IL, December, 2009.

**Marquez, D. X.** UIC Institute for Health Research and Policy, Health Promotion division, entitled “Physical activity among Latinos: Social and cultural considerations,” Chicago, IL, October, 2009.

**Marquez, D. X.** Respondent: What are practical issues for accelerometer use in surveillance, determinants, and interventions? NIH/ACSM Objective Measurement of Physical Activity Conference: Best Practices and Future Directions, Washington, DC, July, 2009. DECLINED.

**Marquez, D. X.** Exercise as a method of disease prevention among Latinos: Barriers and facilitators. Presentation as part of the Diversity Task Force presented at the annual meeting of the American College of Sports Medicine, Denver, CO, May, 2006.

#### ***D.6. Refereed Presentations***

Vu, M., Kwon, S., Lancki, N., Roy, R., Rastogi, M., **Marquez, D.X.**, Kandula, N. (2024). Physical activity among South Asian mother-daughter dyads residing in the U.S.: Influence of U.S. and Asian acculturation. Poster presentation at the 17th American Association for Cancer Research Conference on the Science of Cancer Health Disparities in Racial/Ethnic Minorities and the Medically Underserved, Los Angeles, CA.

Rosenberg, D., Florez-Acevedo, S., Greenwood-Hickman, M., Gutierrez-Aceves, R., **Marquez, D.X.**, Martinez-Lujan, L., Zlatar, Zvinka. (2024) Estudio De Pie: Culturally adapting a physical activity intervention for older Latino adults. Part of symposium presented at the Annual Meeting of the Society of Behavioral Medicine, Philadelphia, PA.

Zimmerman, K., Desloge, A., Geller, S., Haen, L., **Marquez, D.X.** (2024). Physical activity in rural Illinois pregnant persons: barriers and recommendations for intervention. Part of symposium presented at the Annual Meeting of the Society of Behavioral Medicine, Philadelphia, PA.

Cruz Madrid, K., Berbaum, M., Walton, S., Zandoni, J.P., **Marquez, D.X.**, & Muramatsu, N.

- (2023). Pro-Home: An Implementation Science Framework for Multilevel Barriers and Facilitators in LTSS. Part of symposium presented at the Annual Meeting of the Gerontological Society of America, Tampa, FL.
- Jaldin, M.A., Balbim, G.M., Pinto, J., Negrete, M., Castillo, C., Khanna, S., Brunskill, A., **Marquez, D.X.** (2023). Older adults dancing their way to health: a systematic review on the effects of dance interventions on cognition, depression, and anxiety in older adults. Poster presented at the Alzheimer's Association International Conference, Amsterdam. July 2023.
- Bhatt, T., **Marquez, DX.**, Bronas, U., & Hughes, S.L. (2022). Novel behavioral interventions targeting cognitive-motor neuroplasticity in older adults. Symposium presented at The Gerontological Society of America Annual Scientific Meeting, Indianapolis IN, November 2022.
- Rech, J.P., Dinkel, D., Ramos, A., Blaskewicz Boron, J., Carvajal-Suarez, M., Valadez, M., Almanza, V., & **Marquez, D.X.** (2022). Lessons learned from a pilot intergenerational dance program for Hispanic/Latino older adults and children. Society of Behavioral Medicine Annual Meeting, Research Poster Session.
- Jaldin, M., Balbim, G., Colin, S., Marques, I., **Marquez, D.X.** Older Latinos' Perceptions of the Caregiving Experience. Poster presented at The Gerontological Society of America (GSA) 2021 Annual Scientific Meeting, November 2021.
- Quinn, K., Chin, J., Desai, S., O'Connell, C., Leiser, S., **Marquez, D.X.** & Muramatsu, D. Privacy and Smart Speakers in Research with Older Adults. Paper presented at the Annual Scientific Meeting of the Gerontological Society of America, Phoenix, AZ, November 2021.
- Aguiñaga, S., Kaushal, N., Wilson, R., & **Marquez, D.X.** Effects of Dancing on Cognition and Mobility in Spanish-speaking Older Latinos: Findings from the BAILA trial. Paper presented at the Alzheimer's Association International Conference, Amsterdam, Netherlands and Online, July 2021.
- Lamar, M., Barnes, L.L., Leurgans, S.E., Fleischman, D.A., Farfel, J.M., Bennett, D.A., and **Marquez, D.X.** The relationship between acculturation and socioenvironmental factors with level of and change in cognition in older Latinos. Paper presented at the Alzheimer's Association International Conference, Amsterdam, Netherlands and Online, July 2021.
- Marquez, D.X.** Culture and Physical Activity of Adults: The Need to Intertwine the Two. Presidential Lecture presented at the Annual Meeting and World Congress on Exercise is Medicine®, American College of Sports Medicine, Remote, June, 2021.
- Marquez, D.X.** mHealth for physical activity in older Latinos: Perceptions and feasibility. Part of Leveraging Electronic and Mobile Health Technology to Promote Physical Activity among Racial/Ethnic Minorities Symposium presented at the Annual Meeting and World

Congress on Exercise is Medicine®, American College of Sports Medicine, Remote, June, 2021.

**Marquez, D.X.** What's New in the 11th Edition of ACSM's Guidelines for Exercise Testing and Prescription Symposium presented at the Annual Meeting and World Congress on Exercise is Medicine®, American College of Sports Medicine, Remote, June, 2021.

Jaldin, M.J., Pinto, J.M., Brunskill, A.A., Resendez, J., & **Marquez, D.X.** Landscape assessment of culturally tailored messages and resources targeting Latinos and Alzheimer's disease and related dementias (ADRD) community. Latinos & Alzheimer's Symposium: Addressing Disparities in Risk, Early Detection, and Care. Online, May 2021.

**Marquez, D.X.** Inclusion and Retention of Older Adults in Behavioral Medicine Clinical Trials: Why and How? Pre-Conference Course presented at the Society of Behavioral Medicine's 2021 Annual Meeting & Scientific Sessions, April, 2021.

Jaldin, M.A., Wilbur, J., Hughes, S., Buchner, D., McAuley, E., Aguiñaga, S., Balbim, G.M., Vasquez, P.M., Marques, I.G., Kaushal, N., **Marquez, D.X.** B.A.I.L.A. – A Randomized Controlled Trial of Latin Dancing to increase Physical Activity in Spanish-speaking older Latinos. Research Talk at the Society of Behavioral Medicine's 2021 Annual Meeting & Scientific Sessions, April 2021.

**Marquez, D.X.** Navigating the COVID-19 pandemic: Relations between physical activity and mental health. Symposium presented at the Society of Behavioral Medicine's 2021 Annual Meeting & Scientific Sessions, April, 2021.

Balbim, G.M., Ajilore, O.A., Erickson, K.I., Lamar, M., Aguiñaga, S., Bustamante, E.E., **Marquez, D.X.** The effects of BAILAMOS™ dance program on brain functional connectivity of older Latinos: An exploratory study. On-demand paper presented at The Gerontological Society of America's 2020 Annual Scientific Meeting Online, November 2020.

Guzman J., Soto Y., **Marquez D.X.**, Aguiñaga S. Self-rated health status as a predictor of executive function in older Latinos. Poster presented at The Gerontological Society of America's Annual Scientific Meeting, Online, November 2020.

James, B.D, Power, M.C., Gianattasio, K.Z., Lamar, M., Oveisgharan, S., Shah, R., **Marquez, D.X.**, Barnes, L. L., & Bennett, D.A. Characterizing clinical misdiagnosis of dementia using Medicare claims records linked to Rush Alzheimer's Disease Center (RADDC) cohort study data. Paper presented at AAIC 2020, Amsterdam, Netherlands

Balbim, G.M., Garcia, M., Aguiñaga, S., Vásquez, P.M., Marques, I.G., Guzman, J., **Marquez, D. X.** Senior Center Directors' Perceptions of the Sustainability of BAILAMOS™ Dance Program. Poster accepted for presentation at 41st Annual Meeting & Scientific Sessions of the Society of Behavioral Medicine, San Francisco, CA, April 2020. - CANCELED

- Balhim, G.M., Aguiñaga, S., Vasquez, P., Marques, I.G., Guzman, J., **Marquez, D. X.** Middle-aged and Older Latinos' Satisfaction of the BAILAMOS™ Latin Dance Program. Poster presented at The Gerontological Society of America's 71<sup>st</sup> Annual Scientific Meeting, Austin, TX, November 2019.
- Aguiñaga, S., Guzman, J., Aguilar-Lopez, M., & **Marquez, D.X.** Can participation in a Latin dance program lead to secondary behavioral changes in adherence to the MIND diet? Poster presented at the annual meeting of the International Society of Behavioral Nutrition and Physical Activity, Prague, Czech Republic, June 2019.
- Marquez, D.X.** Older Latinos: A growing but underserved population, part of symposium “¡Muévansel!: Novel approaches to promoting physical activity in Latinos,” presented at the 65<sup>th</sup> Annual Meeting with 9<sup>th</sup> World Congress on Exercise is Medicine® and World Congress on the Basic Science of Exercise, Circadian Rhythms and Sleep of the American College of Sports Medicine, Orlando, FL, May, 2019.
- Balhim, G.M., Marques, I.G., Guzman, J., Aguiñaga, S., Vasquez, P., **Marquez, D.X.** Per-protocol Analysis of BAILAMOS™ Dance Program on Self-reported and Device-assessed Physical Activity in Older Latinos. Poster presented at 65<sup>th</sup> Annual Meeting with 9<sup>th</sup> World Congress on Exercise is Medicine® and World Congress on the Basic Science of Exercise, Circadian Rhythms and Sleep of the American College of Sports Medicine, Orlando, FL, May, 2019.
- Marquez, D.X.** Partnership building in community-based physical activity research among older Latino adults: (What) To do or not to do..., part of symposium presented at the 40th Annual Meeting and Scientific Sessions of the Society of Behavioral Medicine, Washington, DC, March, 2019.
- Guzman, J., Marques, I.G., Balhim, G.M., Aguiñaga, S., Lamar, M., and Marquez, D.X. The effects of the BAILAMOS dance program on self-reported physical activity and hippocampal volume in older Latinos. Poster presented at the 40th Annual Meeting and Scientific Sessions of the Society of Behavioral Medicine, Washington, DC, March, 2019.
- Marques, I.G., Kitsiou, S., Aguiñaga, S., Balhim, G.M., Gerber, B., Buchholz, S. W., Bustamante, E.E., **Marquez, D. X.** Impact of an mHealth Latin Dance Intervention on Physical Activity and Health Outcomes on Middle-Aged and Older Latinos. Poster presented at the 40th Annual Meeting and Scientific Sessions of the Society of Behavioral Medicine, Washington, DC, March, 2019.
- Balhim, G.M., Marques, I.G., Guzman, J., Gomez, S., **Marquez, D.X.** Cognitive health perceptions of middle-aged and older Latinos. Poster presented at the 40th Annual Meeting and Scientific Sessions of the Society of Behavioral Medicine, Washington, DC, March, 2019.
- Marquez, D.X.** Brain Health: A Focus on Risk Reduction and Science Translation. Presented as

- part of symposium, “Next-Gen Public Health Response to Alzheimer’s” at The Gerontological Society of America's 70th Annual Scientific Meeting, Boston, MA, November, 2018.
- Marques, I.G., Cantoral, J., Balbim, G.M., Guzman, J., **Marquez, D.X.** Using a Physical Activity Wearable Tracker: Older Latinos’ Perceptions. Poster presented at The Gerontological Society of America's 70<sup>th</sup> Annual Scientific Meeting, Boston, MA, November 2018.
- Balbim, G.M., Aguirre, K., Zavala, M., Davila, K., **Marquez, D.X.** Evaluation of Public Health Messages to Promote Early Detection of Dementia Among Adult Latino Children. Poster presented at The Gerontological Society of America's 70th Annual Scientific Meeting, Boston, MA, November, 2018.
- Belza B, Croff R, Friedman D, Karlawish J, **Marquez DX**, McGuire L, Mohler J. Healthy Brain Research Network: Leveraging Expertise for Public Health Wins. Roundtable to be presented at the APHA Annual Meeting, San Diego, November, 2018.
- Marquez, D.X.** Panelist as part of AAIC Focused Topic Session, Strengthening the Public Health Response to Alzheimer’s: Update to the Healthy Brain Initiative Road Map, presented at the Alzheimer’s Association International Conference, Chicago, IL, July 2018.
- Aguiñaga, S., Marques. I.G., Garcia, M., **Marquez, D.X.** Impact of a Mobile Health-Infused Latin Dance Program on Physical Activity, Fitness, and Executive Function in Older Latinos. Poster presented at the Alzheimer’s Association International Conference, Chicago, IL, July 2018.
- Guzman, J., Magaña, S., Rocha, J.S., Garcia Torres, M., Morales, M., **Marquez, D. X.** Physical Activity in Latina Caregivers of Children with Developmental Disabilities. Poster presented at the Annual Meeting and World Congress on Exercise is Medicine®, and World Congress on the Basic Science of Muscle Hypertrophy and Atrophy of the American College of Sports Medicine, Minneapolis, MI, May, 2018.
- Marques, I.G., Cantoral, J., **Marquez, D.X.** Physical Activity and Technology: Older Latinos’ Perceptions. Poster presented at the 2018 Annual Meeting, World Congress on Exercise is Medicine®, and World Congress on the Basic Science of Muscle Hypertrophy and Atrophy of the American College of Sports Medicine, Minneapolis, Minnesota, May, 2018
- Balbim, G.M., Marques, I.G., Guzman, J., Aguiñaga, S., Vazquez, P.M., **Marquez, D. X.** Impact of BAILAMOS® Dance Program on Self-reported Physical Activity in Older Latinos. Poster presented at the Annual Meeting and World Congress on Exercise is Medicine®, and World Congress on the Basic Science of Muscle Hypertrophy and Atrophy of the American College of Sports Medicine, Minneapolis, MI, May, 2018.

- Marquez, D. X.** Effective physical activity promotion at Individual and Community levels, Part of “Shaping the Future of Physical Activity Promotion: Highlights from the 2018 PA Guidelines Scientific Advisory Committee Review,” Symposium presented at the 39th Annual Meeting of the Society of Behavioral Medicine, New Orleans, LA, April 2018.
- Aguinaga, S. & **Marquez, D.X.** Impact of Latin dance on episodic memory and executive function among Latinos with cognitive impairment. Poster presented at the 39th Annual Meeting of the Society of Behavioral Medicine, New Orleans, LA, April 2018.
- Marques, I.G., Munguia, B.M., **Marquez, D.X.** Older Latinos’ perceived benefits and barriers for technology usage. Poster presented at the 39th Annual Meeting and Scientific Sessions of the Society of Behavioral Medicine, New Orleans, LA, April, 2018.
- Marques, I.G., **Marquez, D.X.** Feasibility of a Mobile Health-Infused Dance Program for Middle-Aged and Older Latinos. Poster presented at the 39th Annual Meeting and Scientific Sessions of the Society of Behavioral Medicine, New Orleans, LA, April, 2018
- Balbim, G.M., Marques, I.G., Magallanes, M., Rocha, J. S., **Marquez, D. X.** Perceptions of caregiving burden among older Latino caregivers. Poster presented at the 39th Annual Meeting and Scientific Sessions of the Society of Behavioral Medicine, New Orleans, LA, April, 2018.
- Guzman, J., & **Marquez, D.X.** Older Latinos’ Perceptions of a Latin Dance Program. Poster presented at the 39th Annual Meeting and Scientific Sessions of the Society of Behavioral Medicine, New Orleans, LA, April, 2018.
- Muramatsu, N., Yin, L., Berbaum, M.L., **Marquez, D.X.**, Jurivich, D.A., Zaroni, J.P., Cruz Madrid, K.Y., Walton, S.M. From Passive Care to Active Care: Promoting Seniors’ Health with Home Care Aides. Poster presented at the 21st IAGG World Congress of Gerontology and Geriatrics, July 24, 2017. San Francisco, CA.
- King, D. K., Allen, P., Jones, D. L., **Marquez, D. X.**, Brown, D., Rosenberg, D., Janicek, S., & Belza. Environmental Features of Shopping Malls and Other Public Spaces Used by Older Adults for Walking. Poster presented at the annual meeting of the International Society for Behavioral Nutrition and Physical Activity, Victoria, Canada, June, 2017.
- Marques, I.G., Balbim, G. M., Magallanes, M., Rocha, J. S., & **Marquez, D. X.** Perceived barriers to physical activity among Latino caregivers. Poster presented at the Annual Meeting of the American College of Sports Medicine, Denver, CO, June, 2017.
- Balbim, G. M., Marques, I.G., Magallanes, M., Rocha, J. S., & **Marquez, D. X.** Motivators for physical activity in older Latino caregivers. Poster presented at the Annual Meeting of the American College of Sports Medicine, Denver, CO, June, 2017.

- Marques, I.G., Balbim, G. M., Magallanes, M., Rocha, J. S., **Marquez, D. X.** Social support for Latino caregivers. Paper presented at the Annual Meeting of the Society of Behavioral Medicine, San Diego, CA, March, 2017.
- Balbim, G. M., Marques, I.G., Magallanes, M., Rocha, J. S., **Marquez, D. X.** Coping strategies among older Latino caregivers. Poster presented at the Annual Meeting of the Society of Behavioral Medicine, San Diego, CA, March, 2017
- Vasquez, P, **Marquez, DX**, Durazo-Arvizu, RA, Argos, M, Carrion, V, Gallo, LC, Sotres-Alvarez, D, Odoms-Young, A, Lamar, M, Isasi, C, Castañeda, S, Perreira, K, Lash, J, Talavera, G, & Daviglius, ML. The role of psychosocial stress on the association between physical activity and cardiovascular disease risk factors. American Heart Association| American Stroke Association- EPI Lifestyle, Portland, Oregon.
- Marquez, D. X.**, Aguiñaga, S., Marques, I.G., Aguirre, K., Wilcox, S. Perceptions of Physical Activity on Brain Health among Older Latinos. Symposium presented at the Gerontological Society of America's Annual Meeting, New Orleans, LA, November, 2016.
- Marques, I.G., Magallanes, M., Garcia, M., Rocha, J. S., **Marquez, D. X.** Older Latino Caregivers' Perceptions of Services Regarding Caregiving. Poster presented at the Gerontological Society of America's Annual Meeting, New Orleans, LA, November, 2016.
- Marquez, D.X.**, Chair, Walking: Steps to Promote Health for All – Leaps to Improve Health Disparities, Symposium presented at the annual meeting of the American College of Sports Medicine, Boston, MA, June, 2016.
- Marques, I.G., Magallanes, M., Garcia, M., Rocha, J. S., & **Marquez, D. X.** Leisure Time Physical Activity as a Coping Strategy among Latino Caregivers. Poster presented at the annual meeting of the American College of Sports Medicine, Boston, MA, June, 2016.
- Aguiñaga, S., Fogg, L.F., Wilbur, J., Hughes, S.L., & **Marquez, D.X.** Influence of Latin dance on objectively measured physical activity among older Latinos. Symposium presented at the annual meeting of the American College of Sports Medicine, Boston, MA, June, 2016.
- Aguiñaga, S., Marques, I.G., Griffith, M., Janicek, S.J., Wilcox, S., & **Marquez, D.X.** Older Latinos' perceptions of cognitive health and the role of physical activity and nutrition. Symposium presented at the annual meeting of the Society of Behavioral Medicine, Washington, DC, March, 2016.
- Marques, I.G., Magallanes, M., Garcia, M., Rocha, J. S., & **Marquez, D. X.** Factors that influence health behavior adoption among older Latino caregivers. Poster presented at the annual meeting of the Society of Behavioral Medicine, Washington, DC, March, 2016.

- Vasquez, P., Aguiñaga, S., Wilson, R.S., Fogg, L.F., Wilbur, J., Hughes, S., & **Marquez, D. X.** Influence of Latin Dance on Physical Activity Among Community Dwelling Older Latino Adults. Poster presented at American Heart Association| American Stroke Association- EPI Lifestyle 2016, Phoenix, Arizona, March 2016.
- Marquez, D.X.**, Farren, L., Allen, P., Janicek, S., Jones, D. L., King, D. K., Rosenberg, D., & Belza, B. Mall Walking Environments, Programmatic Features, and Benefits. Evidence and Practice of Mall Walking Programs for Midlife and Older Adults symposium presented at the annual meeting of the Gerontological Society of America, Orlando, FL, November, 2015.
- Aguiñaga, S., Vásquez, P., Logsdon, R., & **Marquez D.X.** Sedentary behavior, depression, and weight status among older Latinos with mild cognitive impairment. Poster presented at the Sedentary Behavior and Health Conference at the University of Illinois at Urbana-Champaign, October, 2015.
- Bustamante, E.E., Davis, C.L., Rusch, D., Frazier, S.L., Fogg, L.F., **Marquez, D.X.** Physical activity, social skills, and problem behaviors in children with behavioral disorders: A randomized-controlled trial. Thematic poster presented at the annual meeting of the American College of Sports Medicine, San Diego, CA. May, 2015.
- Sheinfeld Gorin, S., Lewis, B., Buman, M., Richardson, C. R., Hingle, M., Rickman, A. D., **Marquez, D.X.**, & Craft, L. Technology, Physical Activity and Healthcare: Using exercise in medicine. Symposium presented at the Annual Meeting of the Society of Behavioral Medicine, San Antonio, TX, April, 2015.
- Bustamante, E.E., Davis, C.L., Frazier, S.L., Rusch, D., Fogg, L.F., Atkins, M.S., **Marquez, D.X.** Impact of an after-school exercise program on academic performance in children with ADHD and DBD: A randomized-controlled trial. Poster presented at the annual meeting of the Society of Behavioral Medicine, San Antonio, TX. April, 2015.
- Hunter, R. H., Vandenberg, A., Satariano, W., Anderson, L., **Marquez, D.X.**, Hooker, S., & Belza, B. Wayfinding: A Vital Key to Age-Friendly Communities. Paper presented at the International Association of Gerontology and Geriatrics European Region Congress, Dublin, Ireland. April, 2015.
- Marquez, D.X.**, Caceres, M., Aguiñaga, S., Vasquez, P., & Janicek, S.J. Lessons learned in conducting health-related randomized controlled trials with older Latinos. Symposium presented at the annual meeting of the Gerontological Society of America, Washington, DC, November, 2014.
- Hunter, R. H., Perez, A., Garces, A., & **Marquez, D. X.** Assessing environmental change: Challenges, opportunities and strategies. Symposium presented at the annual meeting of the Gerontological Society of America, Washington, DC, November, 2014.
- Mingo, C. Racial/Ethnic differences in physical activity among older adults without disability:



- BRFSS, 2011. Poster presented at the annual meeting of the Gerontological Society of America, Washington, DC, November, 2014.
- Vasquez, P., Wilson, R.S., Fogg, L.F., Wilbur, J., Hughes, S., & **Marquez, D.X.** Increasing physical activity among older Latino adults. Poster presented at the annual meeting of the Gerontological Society of America, Washington, DC, November 2014.
- Aguiñaga, S., Wilson, R.S., Fogg, L.F., Wilbur, J., Hughes, S., & **Marquez, D.X.** Influence of Latin dance on mobility among older Latinos. Poster presented at the annual meeting of the Gerontological Society of America, Washington, DC, November 2014.
- Farren, L., Allen, P., Belza, B., Broliar, S., Brown, D., Cormier, M., Janicek, S., Jones, D. L., Kelly, M., King, D. K., **Marquez, D. X.**, Rosenberg, D., Thurston, J., & Tiffany, R. Mall walking: Evaluating the evidence to create an Evidence-Informed Mall Walking Program Resource Guide. Roundtable Presentation presented at the 142<sup>nd</sup> APHA Annual Meeting. November 2014. New Orleans, LA.
- Aguiñaga, S., Vasquez, P., Wilson, R.S., Fogg, L.F., Wilbur, J., Hughes, S., & **Marquez, D. X.** Latin dance and health education: Influence on cognitive function. Poster presented at the International Conference on Aging in the Americas, Boulder, Colorado, September 2014.
- Vasquez, P., Aguiñaga, S., Wilson, R.S., Fogg, L.F., Wilbur, J., Hughes, S., & **Marquez, D. X.** Increasing Physical Activity among Older Latino Adults. Poster presented at the International Conference on Aging in the Americas, Boulder, Colorado, September 2014.
- Marquez, D. X.**, Munoz, M., & Martinez, V. Yes, we are Latinos. No, we are not the same: Considering cultural differences when designing interventions programs for the Latino population. Tutorial lecture presented at the annual meeting of the American College of Sports Medicine, Orlando, FL, June, 2014.
- Marquez, D.X.** Community wayfinding in older adults: Helping older adults walk their way to health. Part of the Featured Science session “If You’re Going to Talk the Talk, You’ve Got to Walk the Walk!” (Fulton, J., Dorn, J., Marquez, D.X., Eyler, E., Meehan, L., & Norris, T.) presented at the annual meeting of the American College of Sports Medicine, Orlando, FL, June, 2014.
- Bustamante, E.E., Frazier, S.L., **Marquez, D.X.**, Fogg, L.F., Atkins, M.S., Hellison, D., & Davis, C.L. Impact of a physical activity program on behavior in children with ADHD and Disruptive Behavior Disorders. Thematic poster presented at the annual meeting of the American College of Sports Medicine, Orlando, FL, June, 2014.
- Aguiñaga, S., Vasquez, P., Wilson, R. S., Fogg, L. F., Wilbur, J., Hughes, S. L., & **Marquez, D. X.** Latin dance and health education: Influence on cognitive function. Poster presented at the annual meeting of the Society of Behavioral Medicine, Philadelphia, PA, April, 2014.

- Bustamante, E. E., Frazier, S. L., **Marquez, D. X.**, Fogg, L. R., Davis, C. L., Atkins, M. S., & Hellison, D. R. Impact of a physical activity program on the cognitive function of children with ADHD and Disruptive Behavior Disorders. Poster presented at the annual meeting of the Society of Behavioral Medicine, Philadelphia, PA, April, 2014.
- Marquez, D.X.**, Griffith, M., Hunter, R. H., Bryant, L.L., & Janicek, S.J. Community wayfinding in older adults: Findings from the Chicago Wayfinding Assessment Project. Symposium presented at the annual meeting of the Gerontological Society of America, New Orleans, LA, November, 2013.
- Perez, A., Garces, A., Hunter, R. H., **Marquez, D. X.**, & Griffith, M. An audit of a local diverse community for safe routes to age in place. Roundtable presentation presented at the annual meeting of the American Public Health Association, Boston, MA, November, 2013.
- Marquez, D.X. (Chair)**, Conroy, M.B., Martin, M., Hunt, T., & Keith, N.R. Technological use across the lifespan in minority healthcare: There's an app for that. Symposium presented at the annual meeting of the American College of Sports Medicine, Indianapolis, IN, June, 2013.
- Marquez, D. X.**, Whitt-Glover, M. C., & Aguiñaga, S. Interventions with older Latinos: Challenges and a cultural paradigm to address the challenges. Panel Discussion presented at the annual meeting of the Society of Behavioral Medicine, San Francisco, CA, March, 2013.
- Richmond, M., Mermelstein, R., & **Marquez, D. X.** The joint effects of work and leisure-time physical activity on smoking in young adults. Poster presented at the annual meeting of the Society of Behavioral Medicine, San Francisco, CA, March, 2013.
- Carrion, I. V., Nedjat-Haiem, F. R., & **Marquez, D. X.** The unspoken beliefs and hidden health disparities of Latino men with cancer. Paper presented at the 2012 Summit on the Science of Eliminating Health Disparities, Washington, DC, December, 2012.
- Carrion, I. V., Nedjat-Haiem, F. R., & **Marquez, D. X.** Older Latino men with cancer: A study of their treatment decisions. Paper presented as part of GSA's Task Force on Minority Issues in Gerontology at the annual meeting of the Gerontological Society of America, San Diego, CA, November, 2012.
- Marquez, D. X.** Exercise is Medicine for Underserved Populations: Challenges and Opportunities. Paper presented as part of symposium at the annual meeting of the American College of Sports Medicine, San Francisco, CA, June, 2012.
- Bustamante, E. E., Manning, A., Staffileno, B.A., Fogg, L., Wilbur, J., & **Marquez, D. X.** Objectively measured physical activity characteristics and depressive symptoms in older Latino adults. Poster presented at the annual meeting of the American College of Sports Medicine, San Francisco, CA, June, 2012.

Buman, M. P., Hekler, E., Hunter, R., **Marquez, D. X.**, Otten, J., Rufo, M., Rung, A., & Winter, S. Behavioral medicine in action: A practical experience in using environmental audit tools in research and applied settings. Preconference Seminar proposed to be presented at the annual meeting of the Society of Behavioral Medicine, New Orleans, LA, April, 2012. - CANCELLED

Aguiñaga, S., Campa, J., Pinsker, E., Bustamante, E. E., & **Marquez, D. X.** Built environment influences on walking in older Latinos. Poster presented at the annual meeting of the Society of Behavioral Medicine, New Orleans, LA, April, 2012.

**Marquez, D. X.**, Bustamante, E. E., & Aguiñaga, S. Development and pilot testing of the BAILAMOS<sup>©</sup> dance program and its impact on physical and cognitive function in older Latinos. Paper presented as part of symposium at the annual meeting of the Gerontological Society of America, Boston, MA, November, 2011.

Bustamante, E.E. & **Marquez, D.X.** Can physical activity improve academic performance by increasing mental persistence? A test of Learned Industriousness. Poster presented at the American College of Sports Medicine Physical Activity, Cognitive Function, and Academic Achievement Conference, Washington, D.C. November, 2011.

Mazurek, K., Parrot, E., Chodzko-Zajko, W., **Marquez, D. X.**, Najib, S., Castaneda, Y., & Schwingel, A. Physical activity levels of older Latina women living in rural and urban communities. Poster presented at the annual meeting of the American Public Health Association, Washington, DC, October, 2011.

**Marquez, D. X.**, & Moore-Harrison, T. Breaking down barriers to promote activity and function in older minority adults. Tutorial lecture presented at the annual meeting of the American College of Sports Medicine, Denver, CO, May, 2011.

Bustamante, E. E., Aguiñaga, S., Mendez, M., & **Marquez, D. X.** Comparison of physical activity characteristics between four styles of Latin dance among low-active older Latinos. Poster presented at the annual meeting of the American College of Sports Medicine, Denver, CO, May, 2011.

Tangney, C.C., **Marquez, D.X.**, Bustamante, E.E., Morris, M.C., Hoyem, R., & Wilbur, J. At risk older Latino men and women: Blood pressure, body mass index and DASH accordance. Paper presented at the annual meeting of the American Society of Hypertension, Hilton, NY, May, 2011.

**Marquez, D. X.**, Bustamante, E. E., Aguiñaga, S., Wilbur, J., & Mendez, M. Feasibility and impact of a Latin dance program on physical activity and quality of life among older Latino adults. Poster presented at the annual meeting of the Society of Behavioral Medicine, Washington, DC, April, 2011.

- Marquez, D. X.**, Bustamante, E. E., Aguiñaga, S., Wilbur, J., & Mendez, M. Creation and impact of a Latin dance program on self-reported physical activity and enjoyment among older Latino adults. Poster presented at the annual meeting of the Gerontological Society of America, New Orleans, LA, November, 2010.
- Leith, K., Hughes, S., **Marquez, D. X.**, Moni, G., Nguyen, H., Desai, P. J., & Jones, D. Methodological challenges of conducting a Delphi survey with aging and physical activity research experts. Paper presented at the annual meeting of the Gerontological Society of America, New Orleans, LA, November, 2010.
- Hughes, S., Leith, K., **Marquez, D. X.**, Desai, P. J., Moni, G., Nguyen, H., & Jones, D. Research priorities in physical activity and aging: Results of an expert survey. Paper presented at the annual meeting of the American Public Health Association, Denver, CO, November, 2010.
- Wilbur, J., **Marquez, D.X.**, Staffileno, B., Fogg, L., Morris, M.C., Wilson, R., Bustamante, E.E., & Flores, J. Cognition and physical activity in older Latinos. Paper presented at the annual meeting of the Council for the Advancement of Nursing Science, Washington, DC, September, 2010.
- Marquez, D.X.**, Fogg, L., Wilbur, J., & Bustamante, E.E. Gender and age differences in objectively-measured physical activity among older Latino adults. Poster presented at the annual meeting of the American College of Sports Medicine, Baltimore, MD, June, 2010.
- Marquez, D.X.**, Fogg, L., Hoyem, R., Bustamante, E.E., Flores, J., Staffileno, B., Morris, M.C., Wilson, R., Loera, F., & Wilbur, J. Gender and age differences in physical activity among older Latino adults. Poster presented at the annual meeting of the Society of Behavioral Medicine, Seattle, WA, April, 2010.
- Hughes, S., Jones, D., Leith, K., & **Marquez, D. X.** Conducting a Delphi survey with aging and physical activity experts. Poster presented at the annual meeting of the Society for Public Health Education (SOPHE), Atlanta, GA, April, 2010.
- Schwingel, A., Chodzko-Zajko, W., Buki, L., Huhman, M., Viruell-Fuentes, E., **Marquez, D. X.**, Najib, S., Parrot, E., & Castaneda, Y. Cultural perspectives on physical activity among older Latina women. Poster presented at the third annual Center on Health, Aging, and Disability Symposium, University of Illinois at Urbana-Champaign, April, 2010.
- Hasson, R.E., Granados, K., **Marquez, D.X.**, Freedson, P.S., & Braun, B. Do psychosocial responses to acute exercise explain ethnic/racial differences in physical activity adherence? Poster presented at the annual meeting of the Obesity Society, Washington, DC, October, 2009.
- Turzanski Fortner, R., Marcus, B. H., Ciccolo, J. T., **Marquez, D. X.**, Markenson, G., & Chasan-Taber, L. Baseline characteristics of participants in a randomized trial to prevent

gestational diabetes. Poster presented at the annual meeting of the Society for Pediatric and Perinatal Epidemiology, Anaheim, CA, June, 2009.

**Marquez, D. X.**, Bustamante, E. E., Kozey, S., & Kraemer, J. Physical activity and psychosocial health of older caregivers and non-caregivers. Poster presented at the annual meeting of the Society of Behavioral Medicine, Montreal, Canada, April, 2009.

Bopp, M., Fallon, E. A., & **Marquez, D. X.** Faithful Footsteps: A faith-based physical activity intervention for Hispanics. Paper presented at the annual meeting of the American Public Health Association, San Diego, CA, October, 2008.

**Marquez, D. X.** Using Latin culture to facilitate physical activity in Latina women. Paper presented as part of a symposium at the annual meeting of the American College of Sports Medicine, Indianapolis, IN, May, 2008.

**Marquez, D. X.**, Neighbors, C.J., Bustamante, E. E., & Kraemer, J. The impact of occupational physical activity on LTPA participation among ethnic/racial minorities. Poster presented at the annual meeting of the Society of Behavioral Medicine, San Diego, CA, March, 2008.

**Marquez, D. X.**, Gollenberg, A. L., Sternfeld, B., & Chasan-Taber, L. Psychosocial and demographic correlates of physical activity among pregnant Latina women. Poster presented at the annual meeting of the American College of Sports Medicine, New Orleans, LA, June, 2007.

**Marquez, D. X.**, Bustamante, E. E., Roberts, D., & McAuley, E. Active or sedentary? Objectively measured physical activity of Latinos and implications for intervention. Paper presented as part of symposium at the annual meeting of the Society of Behavioral Medicine, Washington, DC, March, 2007.

**Marquez, D. X.**, & Ray, C. Innovative recruitment and retention strategies for minority populations. Tutorial lecture presented at the annual meeting of the American College of Sports Medicine, Denver, CO, May, 2006.

Konopack, J.F., **Marquez, D. X.**, & McAuley, E. Using accelerometers to assess lifestyle physical activity in older adults. Poster presented at the CDC's International Congress on Physical Activity and Public Health, Atlanta, GA, April, 2006.

**Marquez, D. X.**, Ready, R. E., & Weinberger, M. I. Being older and feeling better: Differences in mood and activity in older and young adults. Poster presented at the annual meeting of the Society of Behavioral Medicine, San Francisco, CA, March, 2006.

Konopack, J.F., McAuley, E., Hu, L., Kramer, A., & **Marquez, D. X.** Changes in functional fitness following a randomized controlled exercise trial. Paper presented at the annual meeting of the Society of Behavioral Medicine, San Francisco, CA, March, 2006.

- Blissmer, B, & **Marquez, D. X.** Self-efficacy- What is it, what does it do, and how can you build it to promote physical activity? Colloquium presented at the annual meeting of New England American College of Sports Medicine, Providence, RI, November, 2005.
- Marquez, D. X.** Walking behaviors in Latino adults. Paper presented at the ACSM-UIUC Kinesmetrics Symposium Series, Walking for Health: Measurement and Research Issues and Challenges, Urbana-Champaign, IL, October, 2005.
- Marquez, D. X.,** & McAuley, E. Does measurement of leisure time physical activity levels reflect accurate physical activity in Latino adults? Paper presented at the annual meeting of the American College of Sports Medicine, Nashville, TN, June, 2005.
- Marquez, D. X.,** & McAuley, E. Leisure time physical activity among Latinos: Social cognitive correlates. Paper presented at the annual meeting of the Society of Behavioral Medicine, Boston, MA, April, 2005.
- Konopack, J. F., **Marquez, D. X.,** Hu, L., Elavsky, S., McAuley, E., & Kramer, A. Correlates of functional fitness in older adults. Paper presented at the annual meeting of the Society of Behavioral Medicine, Boston, MA, April, 2005.
- Marquez, D. X.,** Motl, R.W., McAuley, E., Elavsky, S., Konopack, J.F., Hu, L., Jerome, G.J., & Kramer, A.F. Construct validation of a short depression scale for use in exercise studies among older adults. Paper presented at the annual meeting of the American College of Sports Medicine, Indianapolis, IN, May 2004.
- Elavsky, S., McAuley, E., Motl, R.W., **Marquez, D. X.,** Konopack, J.F., Jerome, G.J., & Morris, K. Physical activity and quality of life across a 4-year period in older adults. Paper presented at the annual meeting of the American College of Sports Medicine, Indianapolis, IN, May 2004.
- Konopack, J.F., McAuley, E., **Marquez, D. X.,** Elavsky, S., Jerome, G.J., & Hu, L. Accelerometry among older adults: Relationships between physical activity, fitness, and well-being. Paper presented at the annual meeting of the Society of Behavioral Medicine, Baltimore, MD, March 2004.
- Motl, R.W., Konopack, J.F., McAuley, E., Elavsky, S., Jerome, G.J., & **Marquez, D. X.** Long-term reductions in depressive symptoms in older adults: Effects of a physical activity intervention. Paper presented at the annual meeting of the Society of Behavioral Medicine, Baltimore, MD, March 2004.
- Marquez, D. X.,** Jerome, G.J., Elavsky, S., Konopack, J.F., Hu, L., Ramsey, V., Jurgens, V., & McAuley, E. Aerobic fitness and physical activity as predictors of functional fitness in older adults. Paper presented at the annual meeting of the American College of Sports Medicine, San Francisco, CA, May 2003.
- Jerome, G.J., **Marquez, D. X.,** Elavsky, S., Konopack, J.F., Hu, L., & McAuley, E. Testing the

exercise and self-esteem model in older adults. Paper presented at the annual meeting of the American College of Sports Medicine, San Francisco, CA, May 2003.

**Marquez, D. X.**, McAuley, E., Elavsky, S., Jerome, G.J., Kramer, A.F., Patel, P., Poetzel, K., Ramsey, S.N., & Flynn, S. Exercise intervention effects on functional performance in older adults: Cognitive and fitness influences. Paper presented at the annual meeting of the Society of Behavioral Medicine, Salt Lake City, UT, March 2003.

McAuley, E., Jerome, G.J., **Marquez, D. X.**, Elavsky, S., Konopack, J.F., Ramsey, S.N., & Jurgens, V. Predicting long-term physical activity in older adults: A five-year follow-up. Paper presented at the annual meeting of the Society of Behavioral Medicine, Salt Lake City, UT, March 2003.

Jerome, G.J., McAuley, E., Elavsky, S., & **Marquez, D. X.** Exercise related well-being in older adults: Social cognitive influences. Paper presented at the annual meeting of the Society of Behavioral Medicine, Salt Lake City, UT, March 2003.

McAuley, E., Jerome, G.J., **Marquez, D. X.**, Canaklisova, S., & Ramsey, S.N. Prediction of long-term maintenance of physical activity in older adults. Paper presented at the annual meeting of the International Society for Behavioral Nutrition and Physical Activity, Seattle, WA, July, 2002.

Jerome, G. J., Canaklisova, S., **Marquez, D.X.**, Ramsey, S.N., McAuley, E., & Kramer, A. F. Fitness and psychosocial correlates of physical symptoms in older adults. Paper presented at the annual meeting of the International Society for Behavioral Nutrition and Physical Activity, Seattle, WA, July, 2002.

Jerome, G. J., **Marquez, D. X.**, McAuley, E., Canaklisova, S., Snook, E. M., & Vickers, M. Self-efficacy effects on feeling states in women. Paper presented at the annual meeting of the Society of Behavioral Medicine, Washington, D.C., April, 2002.

McAuley, E., Jerome, G. J., **Marquez, D.X.**, Canaklisova, S., & Ramsey, S.N. Adherence beyond program termination: Efficacy, social, and affective influences. Paper presented at the annual meeting of the Society of Behavioral Medicine, Washington DC, April, 2002.

**Marquez, D. X.**, Jerome, G. J., McAuley, E., Snook, E. M., & Canaklisova, M. Self-efficacy manipulation and state anxiety responses to exercise in Non-Latina Whites and Latinas. Paper presented at the annual meeting of the Society of Behavioral Medicine, Washington, D.C., April, 2002.

McAuley, E., Jerome, G. J., **Marquez, D. X.**, & Canaklisova, S. Sources of exercise self-efficacy in older adults. Paper presented at the annual meeting of the Gerontological Society of America, Chicago, IL, November, 2001.

**Marquez, D. X.**, McAuley, E., Jerome, G.J., & Canaklisova, S. Exercise-related affective

changes in older adults. Paper presented at the annual meeting of the North American Society for the Psychology of Sport and Physical Activity, St. Louis, MO, June, 2001.

Jerome, G.J., McAuley, E., & **Marquez, D. X.** Subjective response to acute exercise before and after training in older adults. Paper presented at the annual meeting of the North American Society for the Psychology of Sport and Physical Activity, St. Louis, MO, June, 2001.

**Marquez, D. X.**, & McAuley, E. Social physique anxiety and self-efficacy influences on responses to evaluative threat. Paper presented at the annual meeting of the Society of Behavioral Medicine, Seattle, WA, April, 2001.

Jerome, G.J., McAuley, E., **Marquez, D. X.**, & Canaklisova, S. Exercise, depression, and social support in healthy older adults. Paper presented at the annual meeting of the Society of Behavioral Medicine, Seattle, WA, April, 2001.

**Marquez, D. X.**, McAuley, E., & Zhu, W. The assessment of exercise barriers: An overview. Paper presented at the annual meeting of the American Alliance for Health, Physical Education, Recreation, and Dance, Cincinnati, OH, March, 2001.

McAuley, E., **Marquez, D. X.**, Jerome, G. J., & Blissmer, B. Physical activity effects on social support: Generalized or specific? Paper presented at the annual meeting of the Gerontological Society of America, Washington, DC, November, 2000.

Blissmer, B., McAuley, E., & **Marquez, D. X.** Effort, self-efficacy, and social support influences on feeling states across an exercise trial. Paper presented at the annual meeting of the Society of Behavioral Medicine, Nashville, TN, April, 2000.

**Marquez, D. X.**, McAuley, E., Blissmer, B., & Jerome, G. J. Changing the value of exercise in older adults: Self-efficacy and physical activity influences. Paper presented at the annual meeting of the Society of Behavioral Medicine, Nashville, TN, April, 2000.

Katula, J., McAuley, E., Blissmer, B., & **Marquez, D.** Social physique anxiety in older adults: Exercise, fitness, and efficacy influences. Paper presented at the annual meeting of the North American Society for the Psychology of Sport and Physical Activity, Clearwater, FL, June, 1999.

**Note:** All presentations are also published abstracts in *Annals of Behavioral Medicine*, *Journal of Sport & Exercise Psychology*, *Medicine & Science in Sports & Exercise*, *Research Quarterly for Exercise and Sport*, and *The Gerontologist*.

## **E. GRANTS**

### CURRENT



NIH/NIA

P30AG083255-01

07/01/2023 – 06/30/2028

*RCMAR: Center for Health Equity in Cognitive Aging-Joining Population Science and Health Promotion (CHECA)*

Role: Co-I (PI: Muramatsu and Bhatt)

- This Center grant will establish research and mentoring infrastructure to advance research on Alzheimer's Disease and Related Dementias (ADRD), diversifying the ADRD research workforce in social and behavioral sciences through mentorship and training for early-career Scientists, and supporting pilot research.

Impact of change in lifestyle health behaviors on cognition: Harmonizing and leveraging participant-level data from randomized controlled trials

Major Goals: The purpose of the proposed study, InLife (Individualized Lifestyle Change For Every Aging Brain), is to harmonize existing participant-level data from randomized controlled trials to examine how changes in lifestyle health behavior impact cognitive outcomes across diverse adults.

Project Number: RF1AG089550

Name of PD/PI: Halloway, S.

Source of Support: NIH/NIA

09/15/2024-08/31/2027

Chicago Chronic Condition Equity Network RUSH-UC (C3EN)

Project Pilot Grant Program

09/01/23 – 10/30/24

*AI-PROMOTORA (AI - Providing Resources and Outreach to Middle-aged Older adults Through Online and Realistic Agents)*

Role: Co-Investigator (PI Mohan Zalake)

- The study explores the perceptions and acceptability of AI-generated characters to improve ADRD understanding among Latino caregivers.

Rush Alzheimer's Disease Research Center

Developmental Project

07/01/23 – 06/30/24

*B-DONATE (Brain - Donation among Older miNority Adults using virTual Experiences)*

Role: Co-Investigator (PI Mohan Zalake)

- The study aims to develop a scalable web-based virtual human brain donation intervention that can engage both potential donors and family members verbally in Spanish.

NIH/NIA

R01AG076143

07/01/22 – 06/30/27

*Favorable cardiovascular health, connectome integrity, and ADRD clinical and pathologic outcomes in a diverse cohort*

Role: Co-Investigator (PI of UIC subcontract) (Melissa Lamar)

- This study aims to determine cardiovascular-connectome relationships that promote brain health in older adults.

NIH/NIA  
P30AG072975  
09/01/21 – 06/30/26

*Latino Core of the Rush Alzheimer's Disease Core Center*

Role: Principal Investigator of Latino Core subcontract (Julie Schneider, PI of ADRC)

- This study proposes to (1) Recruit and enroll older Latinos without dementia who agree to annual, detailed clinical evaluations and collection of ante-mortem biologic specimens; (2) Conduct uniform structured baseline and annual follow-up evaluations, including neurological examination and neuropsychological and motor performance testing, of community-dwelling Latinos; (3) Integrate innovative and culturally tailored educational programs into the clinical evaluation to increase awareness of the importance of brain autopsy in Latinos and facilitate a high autopsy rate with a short post-mortem interval; and harvest and preserve the brain tissue in a fashion that retains maximum flexibility to support a diverse array of studies; (4) Increase capacity to conduct externally funded studies, including studies that incorporate neuroimaging, and contemporary biochemical and molecular techniques, by providing an environment and resources to facilitate entry of subjects, clinical data, and post-mortem tissue into research projects at Rush and the wider aging and AD research community.

NIH/NIA - University of Pennsylvania  
1R01AG070351  
01/01/21 – 12/31/24

*A Physical Activity Intervention to Promote Cognitive Health, Cardiovascular Health and Sleep in Latinos*

Role: Co-Investigator (PI of UIC subcontract) (Perez)

- This study aims to: 1) examine the effect of Tiempo Juntos on (a) the primary outcome of physical activity and (b) theoretical mediators (i.e., social contextual resources and behavioral change process variables); 2) examine the impact of Tiempo Juntos on secondary (distal health) outcomes of cognitive function, CV health, and sleep; 3) (Exploratory) evaluate intervention costs.

RRF Foundation for Aging  
10/01/22 – 10/31/24

*Caring of Caregivers Organically (CoCO) 2.0: A Virtual Health Education Intervention for Latina Dementia Caregivers*

Role: Co-Investigator (PI of UIC subcontract) (Rocha)

- This study aims to examine 1) Is it feasible (as measured by recruitment capability, acceptability and suitability, and resources required) to incorporate the use of technology into the health education intervention CoCO for Latina ADRD family caregivers? 2) to what extent does participation in the virtual health education intervention CoCO affect the physical and mental health of Latina ADRD family caregivers?

CDC

10583869

09/30/22 – 09/29/24

*Cognitive Enhancement and Risk-reduction through Exercise for Brain-Related Outcomes (CEREBRO)*

Role: Principal Investigator (PI of PRC: Lisa Powell)

- This study aims to conduct a 6-month RCT comparing BAILAMOS™ @home/en casa and ¡En Forma y Fuerte! @home/en casa among 100 older Latino adults with symptoms of cognitive decline.

NIH/NIA - Rush University Medical Center

5R01AG062711

09/01/19 – 08/31/24

*Culturally relevant contributors to cognitive and MRI changes in older Latinos*

Role: Co-Investigator (PI of UIC subcontract) (Lamar)

- The overall goal of the proposed study is to investigate the underlying neurobiologic mechanisms linking culturally relevant risk factors to cognitive change in older Latinos, and determine whether these risk factors affect the well-documented relationship between CVD-RF profiles and changes in brain MRI indices and/or cognition in these same individuals.

NIH/NIA

2UF1NS100599-06

09/29/21 – 07/31/24

*Longitudinal validation of cerebral small vessel disease biomarkers in diverse community-based older adults without dementia*

Role: Co-Investigator (PI of UIC subcontract) (Konstantinis Arfanakis)

- This study aims to conduct rigorous longitudinal clinical validation of MarkVCID-selected biomarkers in a diverse cohort free of dementia, and to investigate the associations of these biomarkers with SVD neuropathologic indices, working synergistically with other consortium sites and contributing scientific expertise, experimental infrastructure, and scientific guidance.

NIH/NIA

P30AG022849-08

07/01/19 – 06/30/24

*UIC Midwest Roybal Center for Health Promotion and Translation*

Role: MPI – Contact PI (MPI: Tanvi Bhatt)

- The Center focuses on accelerating the translation of basic behavioral and social science research theories and methodologies into practical outcomes that improve the functioning and quality of life of older adults. It supports pilot studies that develop and test health promotion interventions, and translate evidence-based health promotion programs for older adults with an emphasis on cognitive health.

NIH/NCI - Northwestern University

5R01CA242520

07/01/19 – 06/30/24

*A Multilevel Physical Activity Intervention for South Asian Women and Girls*

Role: Co-Investigator (PI of UIC subcontract) (Kandula)

- This research seeks to investigate whether the SAATH intervention will increase moderate/vigorous intensity PA (MVPA) among mothers and daughters more effectively compared to a wait list control group that receives brief counseling at 4 months; to investigate if SAATH results in positive changes in individual psychosocial mediators (e.g., self-efficacy, motivation, and autonomy support) and dyadic-level mediators (acculturation conflict, connectedness, communication, and parental support) hypothesized to influence PA in SA women and girls; and to evaluate implementation and sustainability of SAATH, including MVPA maintenance at 12 months and the environment and systems changes made by cross-sector partners to promote and sustain SA women and girls' PA, using mixed methods.

NIH/NIA

R01 AG062180-01A1

09/15/19 – 05/31/24

*A Dynamic Environmental Exposure Approach to Study Health Behaviors in Midlife*

Role: Co-I (PI: Bronas, U/Kershaw, K (PIs were formerly Zenk and Tarlov)

- The objectives are to (1) provide a definitive test of activity space versus residential neighborhood environmental explanations for diet/physical activity (PA) variations during mid-life, (2) employ cutting-edge geographically-explicit ecological momentary assessment to address environmental mis-measurement ubiquitous in prior research, and (3) for the first time, provide evidence on activity space environmental contributions to within-person daily/momentary variations in diet/PA, and how they interact with personal trait and state factors.

NIH/NIA

1 R01 AG053675-01

7/1/2016 – 4/30/2024

*Promoting Seniors' Health with Home Care Aides: A Randomized Controlled Trial*

Role: Co- Investigator (PI: Naoko Muramatsu)

- This study proposes a randomized controlled trial (RCT) to evaluate a safe physical activity program with a built-in motivational enhancement component, delivered by home care aides to promote seniors' health.

NIH/NIA - University of California, San Francisco

R24AG071456

04/01/21 – 03/31/24

*Leveraging the national infrastructure of trusted organizations to increase representation of Latinos in dementia research*

Role: Co-Investigator (PI of UIC subcontract) (Portacolone)

- This study aims to: 1) finalize facilitators and barriers to establishing an efficacious recruitment Consortium; 2) build and finalize the components of a novel Consortium recruitment intervention; 3) establish and evaluate the Consortium recruitment intervention.

COMPLETED

ACL/NIDILRR

90IFST005

09/01/20 – 08/31/23

*We Walk 4 Health: A mHealth Intervention to Promote Physical Activity for Adults with Intellectual and Developmental Disabilities.*

Role: Co-Investigator (PI: Hsieh)

- This study aims to 1: To develop the intervention protocol for a walking program (We Walk 4 Health) that uses social networking and neighborhood walking route consultations; 2: To test the efficacy of the intervention on physical activity, cardiovascular health and psychological well-being; 3: To explore the potential adherence of the We Walk 4 Health intervention.

UsAgainstAlzheimers: Center for Brain Health Equity from CDC 11/01/20 – 1/31/21

Brain Health Messaging Landscape Assessment

Role: Principal Investigator

- This study aims to develop: 1) A landscape assessment with identified resources and messages organized by target populations and mediums / formats (infographics, videos, podcasts, etc). 2) A high-level analysis of gaps identified with preliminary recommendations for filling these gaps.

UL1TR002003

CCTS Pilot Grant

11/16/18 – 11/15/20

*Promoting Physical Activity with Conversational Agents for Sedentary Older Adults*

Role: Co- Investigator (PI: Jessie Chin)

- This research focuses on enhancing the implementation and adoption of physical activity among sedentary older adults. This project examines an innovative approach to a physical activity program using a commercially available conversational agent, “Google Home.” We aim to demonstrate the acceptability and feasibility of using conversational agents to deliver physical activity programs to sedentary older adults.

Midwest Roybal Center for Health Promotion and Translation – Administrative Supplement, No-Cost Extension; *Multi-modal Imaging and Connectomics*; 6/1/18-5/31/20

Role: Co-Investigator

- This funding will fund analysis to 1) Test the impact of BAILAMOS© on cognitive function and quality of life. 2) Test the impact of BAILAMOS© on brain network functional connectivity. Also, to explore whether changes in cognition occur because of the Fit & Strong! program.

P30 AG022849 pilot study

10/01/18-05/31/20

NIH/NIA

Midwest Roybal Center for Health Promotion and Translation

*Enhancing Well-Being Through Exercise During Older Age*

Role: Principal Investigator

- This study proposes to 1) Determine the feasibility of adapting Fit and Strong! to include

affect and mood-related content and employing this intervention among older adults with a range of depressive symptoms. 2) Begin to determine whether Fit & Strong! is efficacious as an approach for reducing depressive symptoms and improving positive affect and reducing negative affect among older adults. 3) Explore the relationship between negative/positive affect and depressive symptoms and maintenance of physical activity between groups at baseline, 9- and 18-weeks, in order to determine whether an improvement in positive affect and a reduction in negative affect is associated with an increase in physical activity.

Centers for Disease Control and Prevention (1U48DP005010-01); *SIP 14-002 Health Brain Research Network*, Illinois Prevention Research Center: Supporting Policy and Environmental Change  
9/30/15-9/29/19

Total project direct costs: \$61,000

Role: Principal Investigator

- This study proposes to (1) Collaborate with the Coordinating Center and CDC to advance a Healthy Brain research agenda; (2) Identify established resources within or available to the UIC PRC in areas relevant to public health, aging, brain health, and communications and use these resources to further the goals of the proposed Network; (3) Engage our regional partners to facilitate the dissemination of brain health programs and brain health messages, and identify new partners as needed; (4) Contribute to the development and prioritization of topics for research, intervention, and translation within the HBRN Network; (5) Enhance fellowship programs for post-doctoral fellows and clinical fellows within our HBRN site and collaborate with the HBRN Coordinating Center to further the training goals of our fellows and other fellows within the national HBRN Network.

National Institutes of Health (NIH): National Institute of Nursing Research, (1 R01 NR013151-01); *BAILA: Being Active, Increasing Latinos' healthy Aging*; 9/4/12-6/30/17

Total costs: ~ \$1.7 million

Role: Principal Investigator

- This study proposes to (1) Test the impact of the revised BAILAMOS<sup>©</sup> program on lifestyle PA at 4 months and BAILAMOS<sup>©</sup> maintenance activities on lifestyle PA maintenance at 8 months; and (2) Test the impact of the revised BAILAMOS<sup>©</sup> program at 4 months, and BAILAMOS<sup>©</sup> maintenance activities at 8 months, on self-efficacy (mediators) and on health outcomes (physical function, cognitive function, and self-reported functional limitations and disability).

Illinois Department of Public Health, Alzheimer's Disease Research Fund; *Reducing the risk of Alzheimer's disease and related dementias*;  
7/1/16-6/30/17

Total direct costs: ~ \$30,000

Role: Principal Investigator

- This study proposes to 1) Assess the comparative impact of Fit & Strong! (FS) vs. Fit & Strong! Plus (FS+) at 2 and 6 months on cognitive functions including Executive Function (EF), processing speed, working memory, and attention. 2) Use mediational analysis to determine whether cardio/cerebrovascular conditions mediate the relationship between both interventions and cognition.

Midwest Roybal Center for Health Promotion and Translation; *iBAILA - Investigating Brains & Activity to Improve Latino Aging*; 10/1/15-5/31/16

Total *direct* costs: ~ \$40,000

Role: Principal Investigator

- This study proposed to 1) Test the impact of BAILAMOS<sup>®</sup> on lifestyle physical activity (PA). 2) Test the impact of BAILAMOS<sup>®</sup> on cognitive function and quality of life. 3) Test the impact of BAILAMOS<sup>®</sup> on brain network functional connectivity.

Rush University Alzheimer's Disease Center and UIC Department of Kinesiology and Nutrition); *LUCID: Latinos Unique scenario, Cognitive Impairment addressed via Dance*; 11/17/14-5/16/16

Total *direct* costs: ~ \$30,000

Role: Principal Investigator

- This study proposed to (1) Determine the feasibility of implementing BAILAMOS<sup>®</sup> in older Latinos with cognitive impairment; and (2) determine the impact of BAILAMOS<sup>®</sup> in older Latinos with cognitive impairment on physical activity, cognitive function, physical function, and quality of life.

NIH, National Institute on Aging; 1 R21 AG042801-01A1, *Promoting Seniors' Health with Home Care Aides: A Pilot*, 6/15/2013 - 5/31/2015

- The major goal of this project was to gather information needed to evaluate a low-intensity physical activity program to be delivered by home care aides in a large Medicaid-funded home care program.

Total *direct* costs: \$275,000

Role: Co- Investigator (PI: Naoko Muramatsu)

NIH, National Institute of Diabetes And Digestive And Kidney Diseases; 1 R56DK099680-01A1, *Community-Clinic Partnership to Promote Physical Activity in South Asian Women*, 9/8/2014 – 9/7/2015

- The major goal of this project was to pilot-test healthcare-based identification of South Asian women at high risk for developing diabetes mellitus followed by delivery of a culturally-salient physical activity intervention in a community-based setting, via a 2-arm randomized design, and examine the intervention's feasibility (recruitment, retention, and program adherence) and initially efficacy on HbA1c.

Total costs: ~\$190,000

Role: Co- Investigator (PI: Namratha Kandula)

CDC; *Development of an Evidenced-Informed Mall Walking Program Resource*, 9/30/2013 - 9/29/2014

- The purpose of this project was to increase information about the health benefits of walking and the availability and accessibility to opportunities for walking using shopping malls.

Total *direct* costs: \$125,000

Role: Consultant (PI: Basia Belza)

Alzheimer's Association, New Investigator Research Grant to Promote Diversity (Proposal

ID: 205469); *BAILA-C: Bypassing Alzheimers, Increasing Latinos' Activity and Cognition*; 11/1/2011-10/31/2013

Total *direct* costs: ~ \$100,000

Role: Principal Investigator

- This study proposed to (1) Test the impact of the revised BAILAMOS<sup>©</sup> program on cognitive function and quality of life at 4 months; (2) Test the impact of the revised BAILAMOS<sup>©</sup> program on lifestyle PA and physical function at 4 months; (3) Determine suggestions for changes to the BAILAMOS<sup>©</sup> program and determine older Latinos' perceptions of the relationship between cognition/brain health and health behaviors.

National Association of Chronic Disease Directors (NACDD)/Centers for Disease Control and Prevention (CDC), *Community Wayfinding Assessment Project*; 3/15/12-6/28/13

Total costs: ~ \$40,000

Role: Principal Investigator

- This study proposed to (1) to assess the validity of the CDC-HAN Audit Tool wayfinding items with older adults, including those with mild cognitive impairment, and to refine the tool as indicated by the results; (2) to develop a scoring protocol for the CDC-HAN Audit Tool, including the wayfinding scale, and (3) to generate new knowledge regarding community wayfinding among older adults to inform research, practice and policy.

Midwest Roybal Center for Health Promotion and Translation; *BAILE, Boosting Activity in Latino Elderly*; 9/1/11-8/31/12

Total *direct* costs: ~ \$38,000

Role: Principal Investigator

- This study proposed a randomized controlled trial to test the efficacy of the revised 4-month BAILAMOS<sup>©</sup> program in sedentary older Latinos who are overweight/obese. It proposed to (1) Test the feasibility of the revised 4-month BAILAMOS<sup>©</sup> program; and (2) Test the impact of the revised 4-month BAILAMOS<sup>©</sup> program on lifestyle PA, Cardiovascular outcomes, and cognitive function at 4 months.

University of Washington/Centers for Disease Control and Prevention (CDC), *Community Wayfinding Concept Development Project*; 12/15/2011 - 9/29/2012

Total *direct* costs: ~ \$29,000

Role: Consultant

- This study proposed to expand on previous scans of the literature, initiating a systematic approach to reviewing the literature; synthesizing theory and existing research; reviewing existing wayfinding measurement assessments; developing a conceptual framework for study of community wayfinding in older adults; identifying priorities for future research; and defining implications for wayfinding relevant policy and practice.

Midwest Roybal Center for Health Promotion and Translation; *Project WEL: Walking & Environment in older Latinos*; 10/1/10-8/31/11

Total *direct* costs: ~ \$40,000

Role: Principal Investigator

- This study proposed to identify perceived barriers and facilitators to walking/physical activity among older Latino adults living in South Chicago and to conduct a detailed,



quantitative inquiry into community-scale and street-scale factors associated with physical activity among older Latino adults living in South Chicago through the use of an environmental audit.

Grant recipient, 2010 UIC Institute for Research on Race and Public Policy (IRRPP) and the Underrepresented Faculty Mentoring Program (UFMP) Research Award

Total costs: ~ \$700

Role: Principal Investigator

- This funding was used to transport older Latinas into a study as a comparison/control group of a study of Dr. Mark Grabiner.

Grant recipient, 2009 UIC Research Funds For Minority Faculty

Total costs: ~ \$500

Role: Principal Investigator

- This funding was used to travel to the CDC-Healthy Aging Research Network (HAN) Annual Meeting to discuss the CAPACES study with some of the nation and worlds' leading scholars in the study of healthy aging.

Rush University Pilot Projects: *Cognition and Physical Activity Community Elderly Study (CAPACES)*; 10/1/08-9/30/10

Total *direct* costs: \$150,000

Role: Co-Investigator (PI: JoEllen Wilbur)

- This study proposed to explore relationships between older Latinos' physical activity and cognition and to explore gender and age differences in physical activity among older Latino men and women.

NIH Research Supplement to Promote Diversity in Health-Related Research, “*Development of Intervention Strategies to Reduce Risk of Gestational Diabetes Mellitus among Latina Women*” to 3R01DK064902-01, Epidemiology of Stress and GDM Among Latina Women; 2006-2007

Total costs: \$234,440

Role: Principal Investigator of Supplement (PI of Parent Grant: Lisa Chasan-Taber)

- This study proposed to identify characteristics of sedentary as compared to active pregnant Latina women utilizing data collected as part of the parent grant; and to identify facilitators and barriers to exercise among sedentary pregnant Latina women by conducting a focus group among pregnant Latina women. For comparison purposes, we also conducted 2 additional focus groups among: 1) pregnant non-Latina white women and 2) non-pregnant Latina women, respectively.

NIH (NIDDK): *An Exercise Intervention to Prevent Recurrent Gestational Diabetes*; 12/1/06-11/30/11

Total costs: Unknown

Role: Consultant (PI: Lisa Chasan-Taber)

- This study proposed to develop individualized exercise programs among a sample of primarily Latina women to prevent recurrent gestational diabetes.

The Sunflower Foundation: *Health Care for Kansans: A Faith-Based Physical Activity*

*Intervention for Hispanics, 2006-2008*

Total costs: Unknown

Role: Consultant (PI: Melissa Bopp)

- This study proposed to promote physical activity in a faith-based intervention for Hispanics. The project aims to offer a health promotion program in a culturally specific setting to a population that may not have access to other health promotion programs.

Healy/Faculty Research Grant, University of Massachusetts, *ABC Study: Activity, Barriers, and Correlates of Dementia Caregivers and Non-caregivers, 2005-2006*

Total *direct* costs: \$20,000

Role: Principal Investigator

- This study proposed to assess and describe the physical activity levels of dementia caregivers and the psychosocial correlates of physical activity; and to compare them to age- and gender-matched non-caregivers.

University of Massachusetts SPHHS Pilot Research Grant; *A Feasibility Pilot Study: Exercise and Gestational Diabetes, 2005*

Total costs: Unknown

Role: Co-Investigator (PI: Lisa Chasan-Taber)

Graduate College On-Campus Dissertation Research Grant, 2003

Role: Principal Investigator

- This study proposed to compare activity levels of Latino/as; 2) Examine relationship between LTPA and non-LTPA and psychological parameters typically associated with LTPA; 3) Examine relationship between acculturation and different types of physical activity

Graduate College Conference Travel Grant, 2002

- This funding was used to travel to a national conference.

Graduate College Conference Travel Grant, 2000

- This funding was used to travel to a national conference.

## **F. FELLOWSHIPS**

Fellow, National Academy of Kinesiology (2021)

Fellow, Society of Behavioral Medicine (2016)

Fellow, Society of Behavioral Medicine (SBM) Leadership Institute Participant (2016-2017)

Fellow, Gerontological Society of America (2014)

Fellow, Institute for Health Research and Policy, UIC (2013-Present)

Fellow, American College of Sports Medicine (2008)

Fellow, ACSM's Leadership & Diversity Training Program, Level 3 (2008)

Fellow, Physical Activity and Public Health (PAPH) Postgraduate Research Course (2007)

Fellow, Puerto Rican Studies Faculty/Community Seminar, (2005-2006)

National Institute on Aging (NIA) Minority Predoctoral Fellowship # AG05921-02, (2000-2004)  
Sponsor: Dr. Edward McAuley

AARP Andrus Doctoral Leadership Development Fellowship, (2002-2003)

Graduate College Minority Fellowship, (1998)

## **G. SCHOLARHIPS AND AWARDS**

The Atlas of Inspiring Hispanic/Latinx Scientists (2024)

Society of Behavioral Medicine's (SBM's) 2023 Elliot J. Coups Improving Health through Behavioral Medicine Award (2023)

UIC College of Applied Health Sciences, Professor of the Year (2022)

UIC College of Applied Health Sciences, Humanitarian of the Year (2020)

Invited participant, UIC Research Mentorship Training (2018)

Outstanding Dedication and Service, Society of Behavioral Medicine: Physical Activity Special Interest Group (2013)

AcademicKeys Who's Who in Health Sciences Education (WWHSE)

Roger Morse Outstanding Graduate Student Award (2004)

Laura J. Huelster Travel Scholarship (2004)

T. K. Cureton Physical Fitness Research Award (2003)

Laura J. Huelster Travel Scholarship (2003)

Paul D. Doolen Graduate Scholarship for the Study of Aging (2002)

Paul D. Doolen Graduate Scholarship for the Study of Aging, Alternate Winner (2001)

Roger Morse Most Promising Graduate Student Award (2000)

Incomplete List of Teachers Ranked as Excellent by their Students (2000)

Laura J. Huelster Travel Scholarship (2000)

Laura J. Huelster Travel Scholarship (1999)

## **H. ASSOCIATION MEMBERSHIPS**

American College of Sport Medicine (ACSM)

Gerontological Society of America (GSA)

Society of Behavioral Medicine (SBM)

### **I. Professional Service**

#### ***I.1. National Service***

##### **CURRENT**

Standing Member, NIH Biobehavioral Medicine and Health Outcomes (BMHO) Study Section (2022-Present)

Review Editorial Board Member, *Frontiers in Public Health Education and Promotion* (2013-Present)

Editorial Board Member, *American Journal of Health Promotion* (2014-Present)

Editorial Board Member, *Journal of Aging & Health* (2016-Present)

Member, External Advisory Committee, Alzheimer's Disease Research Center, University of California San Diego, (2020-Present)

Member, Integrating Alzheimer's Messages into CD Programs: Steering Committee, National Association of Chronic Disease Directors, (2020-Present)

Member, National Academy of Kinesiology, Justice, Equity, Diversity, Inclusion (JEDI) committee, (2021-Present)

Member, National Academy of Kinesiology, Memorial committee, (2022-Present)

Vice Chair, US Consortium of Aging, Dementia & Latino Studies (CADLAS), (2022-Present)

Member, ACSM Strategic Health Initiatives (SHI) Behavioral Strategies Committee, (2017-Present)

Member, ACSM Credentials Committee, (2021-Present)

Member, ACSM Media Referral Network (MRN) (2008- Present)

### PREVIOUS

External Reviewer, Wake Forest University Exercise Science Program (2024)

External Reviewer, University of Massachusetts Amherst Kinesiology Program (2023)

Member, President's Council on Sports, Fitness & Nutrition (PCSFN) to inform the development of the Physical Activity Guidelines Midcourse Report on older adults. (2022-2023)

Member, CDC Healthy Brain Initiative Road Map Leadership Committee, 2023-2028 (2022)

Co-Editor, Frontiers, The 24-Hour Activity Cycle and Cognitive Health (2022)

SBM Leadership Institute Health Promotion Learning Community (2022-2023)

Member, Exercise is Medicine (EIM) Committee on Older Adults with the American College of Sports Medicine (2013-2016) (2016-2019) (2019-2023)

Member, Exercise is Medicine (EIM) Committee on Underserved Populations with the American College of Sports Medicine (2010-2024)

Member, 2018 Physical Activity Guidelines Scientific Advisory Committee, Department of Health and Human Services (2016-2018)

Member, Expert Panel, Alzheimer's Association Special Report on Hispanics/Latinos (2016-2018)

Member, Diversity Workgroup, American Fitness Index (AFI) with the American College of Sports Medicine (2008-2012)

Member, Gerontological Society of America (GSA) Behavioral and Social Sciences (BSS) Section Membership Committee (2014-2017)

Grant Reviewer, Retirement Research Foundation (2019)

Member, CDC Healthy Brain Initiative Road Map Leadership Committee, 2018-2023 (2017)

Society of Behavioral Medicine (SBM) Annual Meeting Past-Chair (2017-2018)

Society of Behavioral Medicine (SBM) Annual Meeting Chair (2016-2017)

Society of Behavioral Medicine (SBM) Annual Meeting Co-chair (2015-2016)

Member, Expert Panel, CDC/NACDD Opportunities for Cancer Prevention during Older Adulthood: Putting Scientific Evidence into Public Health Practice (2017)

Chair, ACSM Strategic Health Initiatives (SHI) Behavioral Strategies Committee, (2015-2017)

Co-Chair, ACSM Strategic Health Initiatives (SHI) Behavioral Strategies Committee, (2014-2015)

Member, Science Integration and Leadership Committee of the American College of Sports Medicine (2015-2018)

Editorial Board Member, Journal of Sport, Exercise and Performance Psychology (2011-2012)

Chair/Co-chair, Minority Health and Research Special Interest Group, American College of Sports Medicine (2008-2011)

Member, Membership Committee, Midwest American College of Sports Medicine (2008-2012)

Abstract Reviewer, Active Living Research Conference (2015)

Abstract Reviewer, Epidemiology, Biostatistics, and Health Promotion - Disease Prevention track, American College of Sports Medicine (2011, 2012, 2014)

Abstract Reviewer, Behavioral and Social Sciences, Gerontological Society of America (2008- )

Member, Research Awards Committee, American College of Sports Medicine (2009-2012)

Mentor, Leadership & Diversity Training Program, American College of Sports Medicine (2010-2011)

Abstract Reviewer, Conference presentations, Midwest American College of Sports Medicine (2011)

Abstract Reviewer, Psychological and Person track, Society of Behavioral Medicine (2007-2008; 2011)

Assistant Editor, Outlook: A Quarterly Newsletter of the Society of Behavioral Medicine, Physical Activity Special Interest Group, Society of Behavioral Medicine (2008-2010)

Co-chair, Physical Activity Special Interest Group, Society of Behavioral Medicine (2011-2012)

Chair, Physical Activity Special Interest Group, Society of Behavioral Medicine (2012-2013)

Consultant, Physical Activity & Fitness Working Group, PhenX project (for "consensus measures for phenotypes and exposures") of the National Human Genome Research Institute (NHGRI) (2009-2010)

Committee Member, Illinois Department on Aging "*Inclusivity Agenda*" for a pre-conference workshop that precedes the Annual Governor's Conference on Aging (2012)

Invited participant, Alzheimer's Association, Young Champions Committee (2012)

Grant reviewer, University of Chicago, Chicago Center for Diabetes Translation Research Program (CCDTR) (2012)

Graduate Student Mentor, NIA Emerging Scholars Program, (2002)

AAHPHERD Research Consortium Grant Program Reviewer (2004)

Abstract Reviewer, Phase II grant proposals for the AAHPERD Grant Program (2006)

*Ad-hoc Reviewer:*

Aging and Health Research

Alzheimer's & Dementia Translational Research & Clinical Interventions

American Journal of Health Promotion

American Journal of Lifestyle Medicine

American Journal of Preventive Medicine

Annals of Behavioral Medicine

BMC Geriatrics

BMC Public Health

Cancer

Contemporary Clinical Trials

Frontiers in Public Health

Health Education & Behavior

Health Psychology

Health Psychology Review

Heliyon

International Journal of Environmental Research and Public Health

International Journal of Men's Health

International Psychogeriatrics

Journal of Aging and Environment

Journal of Aging and Health

Journal of Aging and Physical Activity

Journal of Aging Research

Journal of Alzheimer's Disease

Journal of the American Geriatrics Society

Journal of Applied Gerontology

Journal of Applied Social Psychology

Journal of Behavioral Medicine  
 Journal of Cognitive Enhancement  
 Journal of Gerontology: Psychological Sciences  
 Journal of Immigrant and Minority Health  
 Journal of Medical Internet Research  
 Journal of Pediatric Psychology  
 Journal of Physical Activity and Health  
 Journal of Racial and Ethnic Health Disparities  
 Journal of Sport and Exercise Psychology  
 Journal of Sport, Exercise and Performance Psychology  
 Medicine & Science in Sports & Exercise  
 PLoS ONE  
 Preventive Medicine  
 Preventing Chronic Disease  
 Public Health Nursing  
 Research Quarterly for Exercise and Sport  
 The Gerontologist  
 Translational Behavioral Medicine  
 Women's Health Issues

### ***1.2. University/Department Service***

#### CURRENT

Member, UIC Campus-Wide Mentoring Taskforce (2024 – Present)

Member, Latino Cultural Center (LCC) Ambassadors Group, (2020- Present)

Member, Graduate College Diversity Awards Committee of UIC (2021- Present)

Member, UIC Steering Committee Meeting for CIRTL (2021-Present)

Member, Executive Committee, UIC Midwest Roybal Center for Health Promotion and Translation, (2012- Present)

Honors College Faculty Fellow, (2011- Present)

#### PREVIOUS

Paul D. Doolen Graduate Scholarship for the Study of Aging Selection Committee, (2023)

Alternate Director of Graduate Studies, Department of Kinesiology & Nutrition, (2014-2021)

Director of Graduate Studies, Department of Kinesiology & Nutrition, (2022)

Member, AHS Inclusive Excellence Task Force (2021-2023)



Member, Bridge 2 Faculty Review Committee (2020-2023)

Member, AHS Dean Search Committee, UIC College of Applied Health Sciences, (2022)

Member, Department Head Search Committee, Department of Occupational Therapy, (2021-2022)

Member, Professor Search Committee, School of Public Health: Health Policy and Administration, (2021-2022)

Member, Professor Search Committee, Department of Disability and Human Development, (2020-2022)

Member, Social and Behavioral Sciences, Campus Research Board (2017-2020) (2020-2023)

Chair, UIC Chancellor's Committee on the Status of Latinos (CCSL), (2019-2021)

Member, Diversity Action Committee of UIC (2020- 2021)

Member, Professor Search Committee, Division of Health Policy and Administration (HPA) in the School of Public Health, (2019-2020)

Department Representative, Diversity and Equity Committee, College of Applied Health Sciences, UIC (2015-2019)

Department of Kinesiology and Nutrition representative, College of Applied Health Sciences Executive Committee (2017-19)

Member, Professor Search Committee, Division of Health Policy and Administration (HPA) in the School of Public Health, (2017-2019)

Member, Abstract Reviewer Committee, UIC Minority Health Conference (2018)

Physical Activity Expert, Behavioral Research Methods Shared Resource, UIC Cancer Center, (2012- 2017)

Advisor, Urban Allied Health Academy. College of Applied Health Sciences, University of Illinois at Chicago, (2007- 2014)

Member, Professor Search Committee, Department of Disability and Human Development, (2017-2018)

Member, UIC Chancellor's Committee on the Status of Latinos (CCSL), (2017-2018)

Member, College of Applied Health Sciences Promotion and Tenure Committee, (2017-2018)

Chair, Clinical Assistant Professor in Exercise Physiology Search Committee, Department of Kinesiology and Nutrition, (2019)

Member, Kinesiology Academic Advisor for Undergraduate Program Search Committee, Department of Kinesiology and Nutrition, (2019)

Member, Clinical Assistant Professor for Motor Control and Learning and Movement Neuroscience Search Committee, Department of Kinesiology and Nutrition, (2018)

Member, Instructor for Exercise Science and Health Promotion Search Committee, Department of Kinesiology and Nutrition, (2018)

Chair, Clinical Professor Anatomy and Physiology Search Committee, Department of Kinesiology and Nutrition, (2018)

Member, Clinical Instructor Anatomy and Physiology Search Committee, Department of Kinesiology and Nutrition, (2018)

Abstract Reviewer, UIC 9<sup>th</sup> Annual Minority Health Conference (2018)

Mentor, UIC Hispanic Center of Excellence (HCOE) Summer Research Program, (2011, 2012, 2013, 2014)

Mentor, UIC President's Award Program (PAP), (2012, 2013, 2014)

Member, UIC Chancellor's Committee on the Status of Latinos (CCSL), (2012-2013; 2013-2014; 2014-2015)

Member, Executive Committee, UIC Institute for Research on Race and Public Policy (IRRPP), (2014-2016)

Member, University of Illinois Health Systems - Partners Council for Community Health, (2013-2015)

Member, Professor in Community Health Sciences Search Committee, School of Public Health, (2013-2015)

Grant Reviewer, UIC's submission to the NIH Academic-Community Partnership Conference Series (R13) program, (2013)

Grant Reviewer, UIC's submission to the NIMHD Community-Based participatory Research Initiative in reducing and eliminating health disparities program, (2012)

Grant Reviewer, UIC Midwest Roybal Center for Health Promotion and Translation, (2012)

UIC representative, Chicago Ideas Week, “Sports, The Making of a Champion” (2012)

Chair, Visiting Instructor in Exercise Science and Health Promotion Search Committee, Department of Kinesiology & Nutrition, (2014)

Member, Department Head Search Committee, Department of Kinesiology & Nutrition, (2015-2016)

Member, Assistant Professor in Movement Neuroscience/Biomechanics Search Committee, Department of Kinesiology & Nutrition, (2013-2014)

Member, Assistant Professor Search Committee, Department of Occupational Therapy, (2011-2012)

Member, Professor in Movement Neuroscience/Biomechanics Search Committee, Department of Kinesiology & Nutrition, (2011-2012)

Member, Professor in Integrative/Exercise Physiology Search Committee, Department of Kinesiology & Nutrition, (2010-2011)

Member, Clinical Assistant Professor in Exercise Physiology Search Committee, Department of Kinesiology & Nutrition, (2009)

Member, Department Head Search Committee, Department of Kinesiology & Nutrition, (2008-2009)

Member, Physical Activity Committee, Center of Excellence in the Elimination of Disparities (CEED), University of Illinois at Chicago, (2010-2011)

Reviewer, Graduate College's Abraham Lincoln Fellowship Competition, (2013)

Grant Reviewer, Center of Excellence in the Elimination of Disparities (CEED) Legacy Projects, (2009)

University of Massachusetts, Department of Exercise Science Personnel Committee, (2004-2007)

Coordinator, Senior Functional Fitness Testing Seminar for Medical Students, (2004)

Paul D. Doolen Graduate Scholarship for the Study of Aging Selection Committee, (2003)

Graduate Student Representative, Educational Policy Committee, Department of Kinesiology, (2002-2003)

Graduate Student Representative, Faculty Search Committee, Department of Kinesiology, (2002-2003)

Graduate Student Representative, University Grievance Investigation Panel, (2002)

Delegate, Cross-Cultural Perspectives on Regular Physical Activity in Successful Aging Colloquium, (2001)

Graduate Student Representative, Behavioral and Social Sciences Area Committee, Block Grant Fellowship competition, (2001)