

CURRICULUM VITAE

Shannon T. Mejía, Ph.D.

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EDUCATION

College of Public Health and Human Sciences, Oregon State University, Corvallis, OR
Ph.D. Human Development and Family Studies, *April 2014*
Minors: Aging Sciences, *Gerontechnology*; Quantitative Methodologies in the Study of Aging
M.S. Human Development and Family Studies, *December 2011*
University of Puget Sound, Tacoma, WA
B.A. Comparative Sociology. Minor: Studio Art

RESEARCH and PROFESSIONAL EXPERIENCE

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| Assistant Professor Department of Kinesiology and Community Health, <i>University of Illinois at Urbana-Champaign</i> | August 2017 - present |
| Postdoctoral Research Fellow Psychosocial Aging Group and Biosocial Methods Collaborative <i>Institute for Social Research, University of Michigan</i> | 2014 – 2017 |
| Director, Culture and Implementation <i>Elite Care Technologies</i> | 2006 – 2008 |
| Der Brüsseler Kreis <i>Summer Practicum/Technology Ambassador</i> | Summer 2006 |
| Co-Founder <i>Methods of Developing Empowerment (MODE) Project, 501c3</i> Community house for single mothers and their children, | 2004 – 2006 |
| Director, Systems Development <i>Elite Care, Residential Care Communities</i> | 2002 – 2006 |

RESEARCH and TEACHING INTERESTS

Life course and life-span perspectives on the development and application of technology to support older adults and their families in aging successfully. Analysis of dyadic data, intensive repeated measures, longitudinal data, and biological measures of health and aging.

HONORS and AWARDS

- 2023 Excellence in Guiding Undergraduate Research
Campus Awards for Excellence in Instruction. *University of Illinois Urbana-Champaign*
- 2023 Excellence in Guiding Undergraduate Research Award,
College of Applied Health Sciences, University of Illinois, Urbana-Champaign
- 2017 RAND Summer Institute on Aging, selected attendee and fellow.
- 2016 NIH/OBSSR Matilda White Riley Early Stage Investigator Honors winning article:
Responses to financial loss during the Great Recession: An examination of sense of control in late midlife. Journals of Gerontology Series B: Psychological and Social Sciences.
- 2014 LIVES Life Course Winter School, selected attendee, les Diablerets, Switzerland
- 2013 Gerontological Society of America Behavioral and Social Sciences Pre-Dissertation Award: *Relationship processes within the social convoy: Structure, function, and social goals. Journals of Gerontology Series B: Psychological and Social Sciences.*
- 2013 Society for Personality and Social Psychology Data Blitz Presentation Selection: *Reaching out to others in the context of daily interpersonal experiences and self*
- 2013 Nationally Elected Chair, Communications and Technology. Emerging Scholars and Professional Organization (ESPO), *Gerontological Society of America,*
- 2011 & 2012 Integrative Graduate Education Research Traineeship (IGERT): LIFE in an Aging Society, *National Science Foundation*

PUBLICATIONS

- Mejía, S.T.,** Su, T., Washington, F., Golinski, S., & Sosnoff, J. (in press). Everyday experiences of physical function and awareness of fall risk in older adulthood. *Innovation in Aging.*
- Mejía., S.T.,** Su, T., Hsieh, K., Griffin, A., Sosnoff, J. (2023). The dynamic interplay of objective and subjective balance and subsequent task performance: Implications for fall risk in older adults. *Gerontology.* Doi: 10.1159/000528649
- Liao, J., Scholes, S., Mawditt, C., **Mejía, S. T.,** & Lu, W. (2022). Comparing relationships between health-related behaviour clustering and episodic memory trajectories in the United States of America and England: A longitudinal study. *BMC Public Health, 22(1), 1367.*
<https://doi.org/10.1186/s12889-022-13785-7>
- Nielsen, K. E., **Mejía, S. T.,** & Gonzalez, R. (2022). Deviations from typical paths: A novel approach to working with GPS data in the behavioral sciences. *International Journal of Health Geographics, 21(1), 5.* <https://doi.org/10.1186/s12942-022-00305-4>
- Mejía, S. T.,** Su, T.-T., Lan, Q., Zou, A., Griffin, A., & Sosnoff, J. J. (2021). The context of caring and concern for falling differentiate which mobile fall technology features Chinese family caregivers find most important. *Journal of Applied Gerontology, 073346482110538.*
<https://doi.org/10.1177/07334648211053857>

- Ogolsky, B. G., **Mejía, S. T.**, Chronopoulou, A., Dobson, K., Maniotes, C. R., Rice, T. M., Hu, Y., Theisen, J. C., & Carvalho Manhães Leite, C. (2021). Spatial proximity as a behavioral marker of relationship dynamics in older adult couples. *Journal of Social and Personal Relationships*, 02654075211050073. <https://doi.org/10.1177/02654075211050073>
- Ge, L., Su, T.-T., An, Y., & **Mejía, S. T.** (2021). The effectiveness of exergames on fear of falling in community-dwelling older adults: A systematic review. *Aging & Mental Health*, 1–12. <https://doi.org/10.1080/13607863.2021.1950615>
- Mejía, S. T.**, Nielsen, K. E., Raichur, V., Carmichael, A. G., Tavares, E., Jarvis, J., Smith, J., & Gonzalez, R. (2021). Assessment of cognitive-motor performance costs, task prioritization, and adaptation to dishwashing under increased demand in older women with arthritis. *Innovation in Aging*, 5. <https://doi.org/10.1093/geroni/igaa059>
- Mejía, S. T.**, Pham, T., Metoyer, R., & Hooker, K. (2020). Older adults' use of self-monitoring technology within the context of their daily experiences. *Gerontechnology*, 20(4), 10. <https://doi.org/10.4017/gt.2020.20.004.09>
- Mejía, S. T.**, Giasson, H. L., Smith, J., & Gonzalez, R. (2020). Concurrent and enduring associations between married partners' shared beliefs and markers of aging. *Psychology and Aging*, 35(7), 925–936. <https://doi.org/10.1037/pag0000515>
- Liao, J., Mawditt, C., Scholes, S., Lu, W., Umeda, M., Muniz-Terrera, G., **Mejía, S.T.** (2019). Similarities and differences in health-related behaviour clustering among older adults in East and West: A latent class analysis of global ageing cohorts. *Geriatrics & Gerontology International*.
- Hooker, K., **Mejía, S. T.**, Phibbs, S., Tan, E. J., & Stevens, J. (2019). Effects of age discrimination on self-perceptions of aging and cancer risk behaviors. *The Gerontologist*, 59(Supplement_1), S28–S37. doi.org/10.1093/geront/gny183
- Mejía, S.T.** & Gonzalez, R. (2017). Couples' shared beliefs about aging and implications for their future functional limitations. *The Gerontologist*, 57, S149–S159. [doi:10.1093/geront/gnx071](https://doi.org/10.1093/geront/gnx071)
- Mejía, S. T.**, & Hooker, K. (2017). Mixed emotions within the context of goal pursuit. *Current Opinion in Behavioral Sciences*, 15, 46–50. [doi: 10.1016/j.cobeha.2017.05.015](https://doi.org/10.1016/j.cobeha.2017.05.015)
- Oscar, N., **Mejía, S.T.**, Metoyer, R., & Hooker, K. (2017). Towards personalized visualization: information granularity, situation, and personality. In *Proceedings of the 2017 Conference on Designing Interactive Systems* (pp. 811–819). New York, NY, USA: ACM. <https://doi.org/10.1145/3064663.3064704>
- Mejía, S.T.**, Ryan, L.H., Gonzalez, R., & Smith, J. (2017). Successful aging as the intersection of individual resources, age, environment, and experiences of well-being in daily activities. *The Journals of Gerontology: Series B*. <https://doi.org/10.1093/geronb/gbw148>
- Liao, J., Mcmunn, A., **Mejía, S. T.**, & Brunner, E. J. (2016). Gendered trajectories of support from close relationships from middle to late life. *Ageing & Society*. [doi: 10.1017/S0144686X16001264](https://doi.org/10.1017/S0144686X16001264)
- Mejía, S.T.**, Settersten, R., Odden, M., & Hooker, K. (2016). Responses to financial loss during the Great Recession: An examination of sense of control in late midlife. *Journals of Gerontology Series B: Psychological and Social Sciences*. [doi: 10.1093/geronb/gbv054](https://doi.org/10.1093/geronb/gbv054)

- Mejía, S.T.** & Hooker, K. (2015). Emotional well-being and interactions with older adults' closest social partners: Daily variation in social context matters. *Psychology and Aging*. doi: 10.1037/a0039468
- Allen, P.A., **Mejía, S.T.**, & Hooker, K. (2015). Personality, self-perceptions, and daily variability in perceived usefulness among older adults. *Psychology and Aging*. doi: 10.1037/pag0000039
- Mejía, S. T.**, Hooker, K., Ram, N., Pham, T., & Metoyer, R. (2014). Capturing intraindividual variation and covariation constructs: Using multiple timescales to assess construct reliability and construct stability. *Research in Human Development (Special Issue on Multiple Time Scales in the Study of Development)*, 11, 91–107. doi:10.1080/15427609.2014.906728
- Ko, H.-J., **Mejía, S.T.** & Hooker, K. (2013). Social possible selves, self-regulation, and social goal progress in older adulthood. *International Journal of Behavioral Development*, 28, 219–227. doi:10.1177/0165025413512063
- Mejía, S.T.**, & Hooker, K. (2013). Social regulatory processes in later life: A web-based microlongitudinal study. *Psychology and Aging*, 28, 864–874. doi:10.1037/a0032474
- Mejía, S.T.**, & Hooker, K. (2013). Relationship processes within the social convoy: Structure, function, and social goals. *The Journals of Gerontology Series B: Psychological Sciences and Social Sciences*. doi:10.1093/geronb/gbt011
- Hooker, K., Choun, S., **Mejía, S.T.**, Pham, T., Metoyer, R. (2013). A microlongitudinal study of the linkages among personality traits, self-regulation, and stress in older adults. *Research in Human Development (Special Issue: Adult Personality Development: Dynamics and Processes)*. 26-46. doi: 10.1080/15427609.2013.760258
- Hooker, K & **Mejía, S.T.** (2013). Social networks. In: R.E. Emery & J.G. Golson (Eds.), *Cultural sociology of divorce* (pp. 1118-1122). Thousand Oaks, CA: Sage Publications. ISBN-10: 1412999588.
- Pham, T., **Mejía, S.T.**, Metoyer, R., & Hooker, K. (2012). The effects of visualization feedback on promoting health goal progress in older adults. In M. Meyer & T. Weinkauff (Eds.), *Eurovis-Short Papers* (pp. 91–95).doi:10.2312/PE/EuroVisShort/EuroVisShort2012/091-095
- Lundberg, S.T.** (2007). Elite Care brings elder-friendly technology to Oregon. *Aging Today*. 28 (5)

OTHER CURRENT PROJECTS:

- Chin, J., Desai, S., Lin, S., & **Mejía, S.T** (revision under review). Like My Aunt Dorothy: Effects of Conversational Styles on Perceptions, Acceptance and Metaphorical Descriptions of Voice Assistants during Later Adulthood.
- Mejía, S.T.**, Su, T., & Gonzalez, R. (in prep) The Implications for Spouses' Individual and Shared Cumulative Risk for Functional Health and Longevity
- Mejía, S.T.** & Su, T., Virani, S., & Gonzalez, R. (in prep). Systematic Review on Concordance in Health and Health Behaviors Among Married Partners in Older Adulthood.

PEER REVIEWED PRESENTATIONS

- Mejía, S.T.**, Chin, J., Washington, F-C., Desai, S., Ramesh, D., Deshpande, F., Hong, S. (2022, November). Relaxation elements within a home environment and older adults' socioemotional experiences of challenging tasks [Late-breaking poster presentation] The Gerontological Society of America's 2021 Annual Scientific Meeting, Indianapolis, IN.
- Chin, J., **Mejía, S.T.**, Desai, S., Washington, F., Deshpande, F., Ramesh, D., Dash, S. (2022, November). The effects of environment-induced relaxation on cognitive foraging under stress in midlife and beyond [Late-breaking poster presentation] The Gerontological Society of America's 2022 Annual Scientific Meeting, Indianapolis, IN.
- Mejía, S.T.**, Hong, S., Griffin, A., Su, T., Washington, F., Sosnoff, J. (2021, November). Perspectives on How Fall Prevention Technologies Can Support Older Adults' Self-Monitoring Processes. In S. Mejía (Chair) & HW. Wahl (Discussant), *Technology to Support Self-regulation: Insights from Design to Implementation* [Symposium]. The Gerontological Society of America's 2021 Annual Scientific Meeting. Held virtually.
- Su, T., Griffin, A., Washington, F-C., Sosnoff, J., **Mejía, S.T.** (2021, November) Capturing change in balance confidence over 30 Days: Insights gained from a micro-longitudinal study [Presentation]. The Gerontological Society of America's 2021 Annual Scientific Meeting. Held virtually.
- Hong, S. & **Mejía, S.T.** (2021, November) Cumulative COVID-19 disparities in nursing homes: Focusing on geographical factors and racial components [Presentation]. The Gerontological Society of America's 2021 Annual Scientific Meeting. Held virtually.
- Washington, F., Su, T., Griffin, A., Sosnoff, J., **Mejía, S.T.** (2021, November) The utility of social media recruitment to achieve a more diverse participant sample [Presentation]. The Gerontological Society of America's 2021 Annual Scientific Meeting. Held virtually.
- Su, T, **Mejía, S.** (2020, November). Exploring the Benefits of Assistive Devices Use in Older Adults with Impaired Lower Limb Function [Presentation]. The Gerontological Society of America's 2020 Annual Scientific Meeting. Held virtually.
- Mejía, S.T.** (2020, March). Patterns of stability and change in older adult couples' individual and shared markers of risk and resilience [Presentation]. International Association for Relationship Research Conference. London, England. Cancelled, due to covid-19 crisis.
- Mejía, S.T.**, Su, T., Griffin, A., Hsieh, K., Schulte, J., Guzman, L., Nangia, N., Sosnoff, J. (2020, October). User Experiences of Daily Fall Risk Self-Assessment via a Mobile Application [Presentation]. International Society for Gerontechnology's 12th World Conference. Held virtually.
- Su, T, **Mejía, S.T.** (2020, October) Understanding why older adults use mobility devices: Review of the literature [Presentation]. International Society for Gerontechnology's 12th World Conference. Trondheim, Norway.
- Mejía, S.T.**, Hsieh, K.L., Fanning, J.T., Sosnoff, J.J. (2019, November). The daily balance project: An inquiry into the intraindividual dynamics of perceived and actual fall risk. In S. Mejía, J. Drewelies (chairs), & C. Berg (discussant), *Integration of objective and subjective experiences of health in old age* [Symposium]. The Gerontological Society of America's 2019 Annual Scientific Meeting, Austin, TX.

- Mejía, S.T.**, Turner, S., Hooker, K. (2019, November). The implications of digital social interactions for older adults' daily experience of well-being. In S. Mejía (chair) & S. Czaja (discussant) *Older adults' social relationships and well-being in a digital world* [Symposium]. The Gerontological Society of America's 2019 Annual Scientific Meeting, Austin, TX.
- Mejía, S.T.**, Gonzalez, R., & Smith, J. (2019, November). Latent dyadic change model of spousal similarity in physiological markers of aging [Presentation]. The Gerontological Society of America's 2019 Annual Scientific Meeting, Austin, TX.
- Ogolsky, B., **Mejía, S.T.**, Chronopoulou, A., Gilleade, K., Maniotes, C., Rice, T., & Theisen, J. (2019, June). Physical proximity as a marker of behavioral health in older adult couples [Presentation]. International Association for Relationship Research Conference. Ottawa, ON.
- Hsieh, K.L., **Mejía, S.T.**, Sosnoff, J.J. (2019, February). Functional mobility variability in an older adult over 30 days [Presentation]. 2019 Midwest American Society of Biomechanics Regional Meeting, Dayton, OH.
- Nielsen, K.E., **Mejía, S.T.**, Carmichael, A., Gonzalez, R. (2018, November). Deviation from typical paths as a measure of intraindividual variation in life-space [Presentation]. The Gerontological Society of America's 2018 Annual Scientific Meeting, Boston, MA.
- Raichur, V., **Mejía, S.T.**, Nielsen, K.E., Carmichael, A., Gonzalez, R. (2018, November). Differential alignment of subjective and objective measures of effort by older adults in an IADL [Presentation]. The Gerontological Society of America's 2018 Annual Scientific Meeting, Boston, MA.
- Carmichael, A.G., Raichur, V., Burnside, L.C., Nielsen, K.E., **Mejía, S.T.**, Gonzalez, R. (2018, November). Practical guidance on the selection of physiological sensors for gerontological research [Presentation]. The Gerontological Society of America's 2018 Annual Scientific Meeting, Boston, MA.
- Mejía, S.T.**, Nielsen, K.E. Zainulbhai, H., Carmichael, A., Raichur, V., Gonzalez, R. (2018, May). Insight into intraindividual variability in life space via GPS monitoring of daily activity [Presentation]. 11th World Conference of Gerontechnology, St. Petersburg, FL.
- Nielsen, K.E., Gonzalez, R., **Mejía, S.T.**, & Raichur, V. (2016, November). Combining biophysiological streams to disentangle cognitive and physical components of everyday life [Late-breaker Presentation]. The Gerontological Society of America's 2016 Annual Scientific Meeting, New Orleans, LA.
- Chamberlain, J., Raichur, V., Nielsen, K.E., **Mejía, S.T.**, Carmichael, A.G., Gonzalez, R. (2016, November). Trail making and electrodermal activity in older adults: When does arousal indicate cognition? [Late- breaker presentation] The Gerontological Society of America's 2016 Annual Scientific Meeting, New Orleans, LA.
- Mejía, S.T.**, Nielsen, K.E., Carmichael, A.G., Ryan, L.H., Smith, J., Gonzalez, R. (2016, November). Biophysiological experiences during dishwashing: Implications for experienced well-being. In S. Mejía, J. Drewelies (chairs), & N. Ram (discussant), *Toward conceptual and methodological integration of bio-psycho-social processes and their timescales* [Symposium]. The Gerontological Society of America's 2016 Annual Scientific Meeting, New Orleans, LA.

- Mejía, S.T.** & Smith, J. (2016, June). Midlife health outcomes of high, average, and low school achievers: A prospective analysis of a US “Generation-X” panel. In J. Smith (Chair), *Lives through time: Tracing the long-term impact of sequences of life events and contexts from early life to midlife and old age* [Symposium]. 24th Biennial Meeting of the International Society for the Study of Behavioral Development, Vilnius, Lithuania.
- Gonzalez, R., Smith, J., **Mejía, S.T.**, Ryan, L.H., (2016, May). R. Gonzalez & J. Smith (Chairs), *Operationalizing affective complexity: Theory, measurement, and applications* [Symposium]. 28th Annual Association for Psychological Science Convention, Chicago, IL.
- Hooker, K., **Mejía, S.T.**, & Gonzalez, R. (2016, May). The “ROI” of an intraindividual variability approach to personality. In Hooker, K. (Chair), *Defined by change: The intraindividual variability approach to studying individual differences* [Symposium]. 28th Annual Association for Psychological Science Convention, Chicago, IL.
- Smith, J. & **Mejía, S.T.** (2016, May). Tracing lives from high school to midlife: Complex pathways to health at age 40 [Presentation]. 28th Annual Association for Psychological Science Convention, Chicago, IL.
- Giasson, H.L., **Mejía, S.T.**, Kim, E.S., Gonzalez, R., Smith, J. (2015, October). Experiences of aging: Linking older couples’ aging perceptions and telomere lengths. In S. Mejía (chair) & T. Pudrovska (discussant), *Integrating biomeasures into the study of relationship development: Biosocial perspectives on couples’ shared experiences across the lifespan* [Symposium]. 9th Biennial Meeting of the Society for the Study of Human Development, Austin, TX.
- Janus, A.S. & **Mejía, S.T.** (2015, November). Spousal co-caregiving among couples in which both spouses have functional limitations [Presentation]. The Gerontological Society of America’s 2015 Annual Scientific Meeting, Orlando, FL.
- Mejía, S.T.**, Gonzalez, R., Hooker, K. (2015, November). Mixed-emotions in daily life: Does retirement make a difference? In N. Newton (Chair), *The transition to retirement: Changes in activities, well-being, and health*. Symposium conducted at the 68th Annual Scientific Meetings of the Gerontological Society of America, Orlando, FL.
- Smith, J., **Mejía, S.T.**, Giasson, H., Becker, S., Gonzalez, R. (2015, November). Freedom from job stress: Do new activities contribute spice to the lives of retirees? In N. Newton (Chair), *The transition to retirement: Changes in activities, well-being, and health* [Symposium]. The Gerontological Society of America’s 2015 Annual Scientific Meeting, Orlando, FL.
- Gonzalez, R., **Mejía, S.T.**, Dey, R., Elliott, M., Hooker, K., Smith, J. (November, 2015). Doing justice to your research question: New approaches to analyzing data with intensive repeated measures. In O.K. Schilling & N. Vogel (Chairs), *Methodological Issues and Advances in the Study of Affect Variability Across the Lifespan* [Symposium]. The Gerontological Society of America’s 2015 Annual Scientific Meeting, Orlando, FL.
- Mejía, S.T.**, Gonzalez, R., Smith, J. (2015, May). Experiences get under our skins: Shared stress and telomere length. In R. Gonzalez (Chair), *Co-Construction of Experience: Couples and Families* [Symposium]. 27th Annual Association for Psychological Science Convention, New York, NY.

- Mejía, S.T.**, Oscar, N., Allen, P.A., Hooker, K., Metoyer, R. (2014, November). Age differences in the cost and benefit of visualizations that (mis)match the complexity of inquiry. In S. Mejía, Chui, H., (chairs), & Ram, N (discussant), *Navigating the complexity of daily life: The interplay of emotional, health, interpersonal, and cognitive processes* [Symposium]. The Gerontological Society of America's 2014 Annual Scientific Meeting, Washington, DC.
- Mejía, S.T.**, Hooker, K., Odden, M., Settersten, R. (2014, August). Enduring the Great Recession in late midlife: Interdependence with others and maintaining a sense of control. In *General Session on the Life Course* [Conference Session]. 109th Annual Meeting of the American Sociological Society, San Francisco, CA.
- Oscar, N., **Mejía, S.T.**, Metoyer, R. (2014, June). EvaDaVis: Evaluation of data visualization adapted to contingencies of time and need [Position paper]. In *User adaptive visualization* [Workshop]. User Modeling, Adaptation, and Personalization Conference, Vancouver, BC.
- Allen, P.A., **Mejía, S.T.**, Hooker, K. (2014, June). When life gets in the way: Daily events and regulating goal progress in older adulthood [Presentation]. 27th Annual Association for Psychological Science convention, San Francisco, CA.
- Mejía, S.T.** & Hooker, K. (2014, February). Reaching out to others in the context of daily interpersonal experiences and self [Data-blitz Presentation]. Annual conference for the Society of Personality and Social Psychology, Austin, TX.
- Mejía, S.T.**, Oscar, N., Metoyer, R., Pham, T., Hooker, K. (2013, November). Older adults use visualization of their data when time is available and need is salient [Presentation]. The Gerontological Society of America's 2013 Annual Scientific Meeting, New Orleans, LA.
- Mejía, S.T.**, Davidson, J., Lien, L., Nath, R., Thomas, N., Rakshit, K., Allen, P. (2013, November). A theoretical model to integrate circadian and emotional processes of aging. In Hooker, K., (Chair), Charles, S.T., & Higgins, P.A. (discussant), *Uniting Age-related Changes in the Emotion and Circadian Systems* [Symposium]. The Gerontological Society of America's 2014 Annual Scientific Meeting, New Orleans, LA
- Choun, S., **Mejía, S.T.**, Hooker, K. (2013, November). Dynamic processes of daily health-goal progress and daily affect [Presentation]. The Gerontological Society of America's 2014 Annual Scientific Meeting, New Orleans, LA
- Allen, P., **Mejía, S.T.**, Hooker, K. (2013, November) Personality, self-perceptions and daily variability in perceived usefulness among older adults [Presentation]. In *Lifespan Social-Personality Preconference*. Annual conference for the Society for Personality and Social Psychology, New Orleans, LA.
- Mejía, S.T.**, Choun, S., Pham, T., Metoyer, R., Hooker, K. (2012, November). Personality and the benefits of close relationships: Daily perceived stress, affect, and contact satisfaction. In S.T. Mejía, H. Chui (chairs) & M.K. Diehl (discussant), *Social self-regulation: Managing social experiences and emotional well-being in older adulthood* [Symposium]. The Gerontological Society of America's 2012 Annual Scientific Meeting, San Diego, CA.
- Hooker, K., **Mejía, S.T.**, Pham, T., Metoyer, R., Ram, N. (2012, November). Burst vs. daily measurement: Issues in capturing intraindividual variability [Presentation]. The Gerontological Society of America's 2012 Annual Scientific Meeting, San Diego, CA.

- Ko, H., **Mejía, S.T.**, Choun, S., Pham, T., Metoyer, R., Hooker, K. (2012, November). Consistency in daily goal progress: Possible selves in action [Presentation]. The Gerontological Society of America's 2012 Annual Scientific Meeting, San Diego, CA.
- Allen, P., **Mejía, S.T.**, Hooker, K., Ko, H., Choun, S., Pham, T., Metoyer, R. (2012, November). The role of trait neuroticism, self-perceptions of aging, and daily perceptions of usefulness for perceived stress [Presentation]. The Gerontological Society of America's 2012 Annual Scientific Meeting, San Diego, CA.
- Mejía, S.T.**, Choun, S., Pham, T., Metoyer, R., Hooker, K. (2011, November). The daily social context of goal progress: Processes of support, hinderance, and satisfaction [Presentation]. The Gerontological Society of America's 2011 Annual Scientific Meeting, Boston, MA.
- Ko, H., **Mejía, S.T.**, Choun, S., Pham, T., Metoyer, R., & Hooker, K. (2011, November). Possible selves in action: Promoting social goal progress for older adults [Presentation]. The Gerontological Society of America's 2011 Annual Scientific Meeting, Boston, MA.
- Mejía, S.T.**, Pham, T., Choun, S., Metoyer, R., & Hooker, K. (2011, November). The PULSE project: Capturing 100 days of self-regulation. In S.T. Mejía (chair) & K. Hooker (discussant), *The digital frontier of aging research: Emerging methods in microlongitudinal studies* [Symposium]. The Gerontological Society of America's 2011 Annual Scientific Meeting, Boston, MA.
- Mejía, S.T.**, & Hooker, K. (2010, November). Exploring the behavioral signature of "home" and "family" in a long-term care setting. In K. Hooker (chair) & T. Cooney (discussant), *Stretching the boundaries of the ambivalence framework: New arenas for research* [Symposium]. The Gerontological Society of America's 2010 Annual Scientific Meeting, New Orleans, LA.
- Choun, S., **Mejía, S.T.**, Pham, T., Metoyer, R., & Hooker, K. (2010, November). The effect of traits and states in predicting health goal progress [Presentation]. The Gerontological Society of America's 2010 Annual Scientific Meeting, New Orleans, LA.

INVITED REFEREED PRESENTATIONS:

- Mejía, S.T.**, Su, T-T., Washington, F-C. (2022, November). Subjective Experiences of Aging and Physical Activity in the Years That Precede and Follow a Fall. In H. Giasson, R. Koffler (chairs) & J. Smith (discussant), *Self-perceptions of Aging in the Context of Challenging Experiences: Patterns of Risk and Resilience* [Symposium] The Gerontological Society of America's 2022 Annual Scientific Meeting, Indianapolis, IN.
- Mejía, S.T.** & Hooker, K. (2022, November). Self-Perceptions of Aging, Support from Close Social Ties, and Health Goal Progress in Everyday Life. In A. Shrira, Y. Bergman (chairs) & A. Kornadt's (discussant), "*Count Your Age By Friends, Not By Years*": *An Interpersonal Perspective on Subjective Views of Aging* [Symposium]. The Gerontological Society of America's 2022 Annual Scientific Meeting, Indianapolis, IN.
- Hong, S. & **Mejía, S.T.** (2022, November). Social Resources and Stratified Experiences of ICT Use and Loneliness During the COVID-19 Pandemic. In J. Francis (chair), *Diverse Contexts, Unique Experiences: Impact of Social Isolation on Psychosocial Factors and Cognition* [Symposium]. The Gerontological Society of America's 2022 Annual Scientific Meeting, Indianapolis, IN.

- Su, T., & **Mejía, S.T.** (2022, November). Using Assistive Technologies as a Measure to Support Well-Being in Late-Life Disabilities. In K. Munly (chair), *Engaging Method and Analysis to Discover and Reimagine Possibilities for Individuals Aging With and Into Disability* [Symposium]. The Gerontological Society of America's 2022 Annual Scientific Meeting, Indianapolis, IN.
- Mejía, S.T.**, Su, T., Griffin, A., Washington, F., Fanning, J., Sosnoff, J. (2021, November). Awareness of Balance as the Intraindividual Dynamic of Objective and Subjective Experience of Fall Risk in Daily Life. In A. Kornadt, H. Werner-Wahl (Chairs) & S. Wurm (Discussant), *New Developments in Views on Aging Research: Variability, Innovative Concepts, and Contextual Perspectives* [Symposium]. The Gerontological Society of America's 2021 Annual Scientific Meeting. Held virtually.
- Mejía, S.T.**, Giasson, H., Smith, J., Gonzalez, R. (2020, November). Concurrent and Enduring Alignment of Married Partners' Shared Beliefs and Markers of Aging. In E. Cohn-Schwartz (chair) symposium on *Social Contexts of Subjective Aging Perceptions* [Symposium]. The Gerontological Society of America's 2020 Annual Scientific Meeting. Held virtually.
- Mejía, S.T.** & Ogolsky, B. (2019, November). Temporal patterns of older adult couples' spatial proximity and concordance in health and well-being. In K. Fingerma (Chair), *Older Families in Daily Life* [Invited speaker symposium]. National Council on Family Relations Annual Conference. Fort Worth, TX.
- Mejía, S.T.**, Gonzalez, R., & Smith, J. (2018, November). Couples' cumulative risk. In Y. Kim, K. Kim (Chairs) & M.E. Lachman (Discussant), *Cross-cultural discussion on preparing for aging in midlife* [Symposium]. The Gerontological Society of America's 2018 Annual Scientific Meeting. Boston, MA.
- Mejía, S.T.** & Hooker, K. (2017, November). Daily health goal pursuit: Does network composition matter? In J.L. Graham (Chair), *Daily experiences in older adulthood* [Symposium]. National Council on Family Relations Annual Conference, Orlando, FL.
- Mejía, S.T.** & Gonzalez, R. (2019, July). Couples' shared beliefs. In E. Tan (chair) & J. Stevens (discussant), *Evidence for the need to disrupt aging: Impact of perceptions of aging and aging stereotypes* [Symposium]. 21st Quadrennial International Association for Gerontology and Geriatrics World Congress, San Francisco, CA.
- Mejía, S.T.**, Giasson, H., Smith, J., Gonzalez, R. (2016, November). Couples' shared experiences of aging: perceptions, challenges, and vulnerabilities. In K. Rothermund (Chair), *It's all in your head": Effects of age-related beliefs on development in old age* [Symposium]. The Gerontological Society of America's 2016 Annual Scientific Meeting, New Orleans, LA.
- Mejía, S.T.**, Choun, S., Pham, T., Metoyer, R., Hooker, K. (2014, November). Daily affect and goal appraisal processes: Hits and surprising misses with the Big 5 personality traits. In J. Wagner, D. Gerstorf (chairs) & J. Heckhausen (discussant), *Personality development in old age: Potentials and challenges* [Symposium]. The Gerontological Society of America's 2014 Annual Scientific Meeting, Washington, DC.
- Mejía, S.T.**, Odden, M., & Hooker, K. (2014, November). A social approach to end of life care is associated with fewer hospital days in the final months of life. In A.L. Byers (chair) & D.K. Miller (discussant), *Epidemiology of frailty, disease burden, and late-life care: Insights for health care and policy* [Symposium]. The Gerontological Society of America's 2014 Annual Scientific Meeting, Washington, DC.

- Mejía S.T.**, & Hooker, K. (2013, November). Engaging and disengaging close social partners to regulate emotions over 100-days. In Chui, H. & Luszcz (Chairs), *Longitudinal studies of socio-emotional wellbeing: Short-term variability and long-term changes* [Symposium]. The Gerontological Society of America's 2013 Annual Scientific Meeting, New Orleans, LA.
- Hooker K., & **Mejía, S.T.**, (2013, November) Examining goal regulation in the health and social domains through the lens of daily variability. In Brose, A., Ram, N., & Riediger, M. (Chairs), *Integrating short-term and long-term change in affect, stress, health, and social processes* [Symposium]. The Gerontological Society of America's 2018 Annual Scientific Meeting, New Orleans, LA.
- Choun, S., **Mejía, S.T.**, Pham T., Metoyer, R., & Hooker, K. (2012, November). Dynamic linkages of personality and health. In A. Sherman (chair) & J. Smith (discussant), *Successful aging: Patterns of health and personal resources* [Symposium]. The Gerontological Society of America's 2012 Annual Scientific Meeting, San Diego, CA.

INVITED LECTURES, PRESENTATIONS, and DEMONSTRATIONS:

- Mejía, S.T.** (2023, March). A within-person perspective on awareness of fall risk in daily life. Guest lecture for PHPH 8830, Advanced Statistical Topics, at Georgia State University's School of Public Health.
- Mejía, S.T.** (2016, January). Older adults' health and well-being in the context of shared experiences and daily life. Invited lecture at the Interdisciplinary Center for Network Science and Application, University of Notre Dame, South Bend, IN.
- Mejía, S.T.** (2013, December). Social self-regulation: Activating interpersonal resources in response to proximal and social distal forces. Invited lecture at the Institute of Psychogerontology, Friedrich-Alexander-University Erlangen-Nuremberg, Germany
- Mejía, S.T.** (2012, 2012). Social Partners, social processes, and social interdependence across the lifespan. Invited lecture at the Institute of Psychogerontology, Friedrich-Alexander-University Erlangen-Nuremberg, Germany
- Lundberg, S.T.** (2008, May). The silvertech frontier: Connectivity and mobility for the older consumer. Panel presentation at the UCLA Technology and Aging Conference: Successful Aging in a High-Tech World, Los Angeles, CA.
- Lundberg, S.T.** (2008, April). Enhancing community-based care through technology. Presented at the Oregon State University Gerontology Conference, Corvallis, OR.
- Lundberg, L. & **Lundberg, S.T.** (2008, January). Applying an integrated communication system to enhance community-based care. Technology demonstration before the US Senate Special Committee on Aging, Washington, DC.
- Lundberg, S.T.** (2007, July). The international experience: Applying technology to support the human side of long-term care. Keynote presentation at the Information Technology in Aged Care Conference, Melbourne, Australia.
- Lundberg, S.T.** (2007, May). Elite Care's extended family residences: Utilizing an integrated technology system to enhance community-based care. Invited presentation at the On Lok Sustainable Long-term Care Conference, San Francisco, CA.

Lundberg, S.T. (2006, November), The effect of a home environment on operations in community-based care. Presented at the American Association of Housing and Services for the Aged annual convention, San Francisco, CA.

Lundberg, S.T. (2006, July) *Leben und Betreuung* (Living and Assistance: presented in German). Presented to the Fraunhofer Institute, Duisburg, Germany.

Reed, B., Lundberg, L., **Lundberg, S.T.**, & Wolske, N. (2005, December). Applying technology to benefit residents, staff and family at Elite Care: The future of elder care. In the Center for Aging Services Technologies, American Association of Homes and Services for the Aging, and the US department of Transportation (sponsors), *Technology for Successful Aging*. Technology demonstration at the White House Conference on Aging Exhibit Hall, Washington, DC.

Invited presentations at the University of Illinois

Mejía, S.T., Su, T.T., Griffin, A., Hsieh, K., Sosnoff, J. (2019, October). Older adults' variability and awareness of fall risk in daily life. Presented at the Sixth Health Care Engineering Systems Symposium.

Mejía, S.T. (2018, October). Disability from a people perspective. Panel presentation at CHADs Dialogue in Disability.

Mejía, S.T. (2017, October). Older adults' use of visualizations of their behavioral data: The quality of daily experiences matter. Presented in the session on Health and Medicine Data Analytics at Data Science Day.

Mejía, S.T. (2017, December) Healthy aging in a digital world: Can engaging with our data help us age well? Presented to the Cognition, Lifespan Engagement, Aging, and Resilience (CLEAR) brownbag series at the Beckman Institute.

Refereed Symposia

Mejía, S.T. & Werner-Wahl, H. (2021, November). *Technology to Support Self-regulation: Insights from Design to Implementation* [Symposium]. The 2021 Annual Scientific Meeting of the Gerontological Society of America. Held virtually.

Mejía, S.T. & Czaja, S. (2019, November). *Older Adults' Social Relationships and Well-Being In A Digital World* [Symposium]. The 2019 Annual Scientific Meeting of the Gerontological Society of America, Austin, TX.

Mejía, S.T., Drewelies, J., & Berg, C. (2019, November). *Integration of Objective and Subjective Experiences Of Health In Old Age* [Symposium]. The 2019 Annual Scientific Meeting of the Gerontological Society of America, Austin, TX.

Chaudhry, B., **Mejía, S.T.**, & Jung, H. (2016, November). *Social Media for Older Adults* [Half-day workshop]. The 8th International Conference on Social Informatics, Seattle, WA.

Mejía, S.T., Drewelies, J., & Ram, N. (2016, November). *Toward Conceptual and Methodological Integration of Bio-Psycho-Social Processes and their Timescales* [Symposium]. The 2016 Annual Scientific Meeting of the Gerontological Society of America, New Orleans, LA.

- Mejía, S.T.** & Pudrovska, T. (2015, October). *Integrating Biomeasures into the Study of Relationship Development: Biosocial Perspectives on Couple's Shared Experiences Across the Life-span* [Symposium]. The Society for the Study of Human Development's 9th Bi-Annual Scientific Meeting, Austin, TX.
- Mejía, S.T.**, Chui, H., & Ram, N. (2014, November). *Navigating the Complexity of Daily Life: The Interplay of Emotional, Health, Interpersonal, and Cognitive Processes* [Symposium]. The 2014 Annual Scientific Meeting of the Gerontological Society of America, Washington, DC.
- Mejía, S.T.**, Davidson, J., Lien, L., Nath, R., Thomas, N., Rakshit, K., Allen, P. (2013, November). A theoretical model to integrate circadian and emotional processes of aging. In Hooker, K., (Chair), Charles, S.T., & Higgins, P.A. (discussant), *Uniting Age-related Changes in the Emotion and Circadian Systems* [Symposium]. The 2013 Annual Scientific Meeting of the Gerontological Society of America, New Orleans, LA. Symposium organizer.
- Mejía, S.T.**, Chui, H., & Diehl, M. (2012, November). *Social Self-Regulation: Managing Social Experiences and Emotional Well-Being in Older Adulthood* [Symposium]. The 2012 Annual Scientific Meeting of the Gerontological Society of America, San Diego, CA.
- Mejía, S.T.** & Hooker, K. (2011, November). *The Digital Frontier of Aging Research: Emerging Methods in Microlongitudinal Studies* [Symposium]. The 2011 Annual Scientific Meeting of the Gerontological Society of America, Boston, MA.
- Lundberg, S.T.** (2007, September). *Cultivating A Community of Support for Elders: How the Distribution of Information Can Strengthen a Person-Centered Model of Care* [Workshop]. Oregon Health Care Association Annual Convention. Portland, OR. Chair.

PATENTS

- Reed, W. C., Lundberg, L., Pascoe, W., & **Lundberg, S.** (2014). System and method for medical information monitoring and processing. Retrieved from <http://www.google.com/patents/US8852096>

MEDIA COVERAGE

- Why long-term couples feel each other's pain, according to science. By Lisa Kadane. (February, 2022). Reader's Digest Canada, Best Health. <https://www.besthealthmag.ca/article/empathetic-pain-meaning-being-an-empath/>
- When older couples are spatially close their heart rates synchronise. (November, 2021). Editor's pick. Medical Brief: Africa's Medical Digest. <https://tinyurl.com/2p95zyzt>
- Longtime couples get in-sync, in sickness and in health. By Lindsay Peterson. (May, 2016). NPR Health Blog. <http://n.pr/1W9HqVd>
- Being married for decades means that your bodies become biologically alike. By Drake Baer. (May, 2016). New York Magazine, Science of Us Blog. <http://sciof.us/2bssh27>

EXTERNAL RESEARCH GRANTS

Active Funding:

Project Title: The Fireside Exploration Project: A study on enrichment seeking in midlife and older adulthood 8/2021-8/2023
Napoleon Wolf Steel, Ltd.
Role: Principal Investigator. (co-PI: Jessie Chin)
Funded: \$95,700 (direct); \$51,150 (indirect)

Submitted (under review):

Project Title: The Dynamics of Fall Risk in Everyday Life as a New Target for Fall Prevention 9/2023-8/2025
R21 NIH Exploratory/Developmental Research Grant Program
Role: Principal Investigator.
Co-Investigators: Sosnoff, J. University of Kansas Medical Center
Nielsen, K. Georgia State University

Completed Projects:

NIA R03AG053734 5/2018 – 6/2022
Project Title: Couples health to better portray individuals' health, trajectories, and outcomes
Role: Principal Investigator.
Co-PIs: Gonzalez, R. & Smith, J. University of Michigan
Funded: \$100,000 (direct); \$50,000 (indirect)

Project Title: Development of methodologies to detect the effect of novel products on life space. 1/2018 – 5/2019
Role: Principle Investigator (subcontract)
PI: Gonzalez, R.; co-PI: Nielsen, K.

Project Title: Personal Experiences of Everyday Routines (PEER) Study of activities in older adulthood. Identification of the physiological, cognitive, and emotional dimensions of a daily household task. 10/2015 –10/2016
Role: co-Principal Investigator
PI: Gonzalez, R.

Submitted (not funded):

Project Title: The Dynamics of Fall Risk in Everyday Life as a New Target for Fall Prevention Submitted
R21 NIH Exploratory/Developmental Research Grant Program June 2022
Role: Principal Investigator.
Co-Investigators: Sosnoff, J. University of Kansas Medical Center
Nielsen, K. Georgia State University

Project Title: Adult caregivers and care receivers' shared perceptions of fall risk. Submitted
Retirement Research Fund Foundation on Aging June 2021
Role: Principal Investigator

Project Title: The Dynamics of Enrichment Seeking Behaviors in Midlife and Older Adulthood: Implications for Cognitive and Socioemotional Well-being in Daily Life and Beyond
James S. McDonnell Foundation Opportunity Awards
Role: co-Principal Investigator.
PI: Chin, J.

Submitted
April 2021

Project Title: Partner's Spatial Proximity as a Marker of Relationship Health
Role: co-Principal Investigator.
PI: Ogolsky, B.

Submitted
November 2018

INTERNAL RESEARCH GRANTS

Completed:

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|---|--------------|------------------------|
| Center for Soc. & Behav. Science | Mejía (PI) | 2/18/2020-4/30/2022 |
| Intraindividual variability in physiological, psychological, and awareness of fall risk as unique and modifiable targets for fall prevention. | | |
| Other Investigators: Sosnoff, J. | | |
| Center for Soc & Behav Science. | Ogolsky (PI) | 5/1/2020- 5/16/2022 |
| Behavioral metrics of relationship quality to support care partner dyads adapting to mild cognitive impairment. | | |
| Role: Co-PI | | |
| Center on Health, Aging, and Disability | Mejía (PI) | 08/1/2018 – 12/30/2020 |
| Pilot Grant Program. Intraindividual dynamics of fall risk in older adults to inform the development of personalized interventions using health technologies. | | |
| Other Investigators: Sosnoff, J. | | |
| College of ACES | Ogolsky (PI) | 10/1/2018 – 5/30/2020 |
| Future Interdisciplinary Research Explorations (FIRE) Pilot Grant Program. Advancing methods to identify behavioral signatures of relationship health in older adult couples. | | |
| Role: Co-Investigator | | |

TEACHING

CHLH 100: Contemporary Health
CHLH 575: Chronic Disease Prevention.
CHLH 577: Program Evaluation.
CHLH 441: Health Behavior and Health Technologies

ORGANIZATIONAL ACTIVITIES

Gerontological Society of America, Behavioral and Social Sciences (BSS) section,
American Psychology Association
Society for the Study of Human Development

COMMUNITY SERVICE and VOLUNTEER ACTIVITIES

2021 Aging Care Connections – Guest Speaker – Balance Smarts Fall Prevention Series
2020 Clark Lindsay Retirement Village – Guest Speaker - Agism
2013-2015 Elected GSA ESPO Technology and Communications Chair.

SERVICE TO THE UNIVERSITY OF ILLINOIS

Fall 2022 – 2024 Elected: College of Applied Health Sciences Grievance Committee
Fall/Spring 2022/2023 Search Committee: Assistant Director, Health Technology Educ Program
Summer 2022 Site Mentor: MSHT Summer Capstone Project
Fall 2021- Education policy committee
Fall 2021 Search Committee Chair: Assistant Director, Masters in Health Admin
Fall 2021 – Fall 2022 Undergraduate Curriculum Taskforce
Fall 2020- Website and Communications Committee
Summer 2020/21/22 Summer Guide: MPH Applied and Integrated Learning Experiences
Spring 2020 Office of Information, Security, and Technology advisory group member
Spring 2019 Search Committee: Assistant Teaching Professor in Health Technology
Fall 2019 Search Committee: Associate/Full Professor in Health Technology
Fall 2019 Search Committee: Assistant Professor of Biostatistics
Fall/Spring 2018/2019 Abstract reviewer. Graduate Student Travel Awards
Spring 2018 – 2021 MPH admissions committee
Spring 2018 – CHLH admissions committee
Spring 2018 MPH accreditation response committee
Fall 2018 – Health Technology Area of Study coordinator

JOURNAL REVIEWS

Editorial Board Member. *Psychology and Aging*

Ad hoc reviewer: *Canadian Journal of Ageing; Frontiers in Psychology; Gerontology; Journal of Aging and Physical Activity; Journal of Social and Personal Relationships; PLOS One; Psychology of Sport & Exercise; Research on Aging; Research on Human Development; The Gerontologist; The Journals of Gerontology: Social Sciences; Psychology and Aging; Aging and Physical Activity; British Journal of Health Psychology*

2012-current annual meeting of the Gerontological Society of America, Abstract reviewer