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| **MEGAN STIEFEL PATTERSON**Curriculum VitaeUpdated: October 28, 2020 |
| 4243 TAMUCollege Station, Texas 77845 | 979.845.4698megpatterson@tamu.edu  |
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| **EXPERTISE AND FOCUS** |
| As a social and behavioral scientist, I primarily use **social network analysis** as a *methodology* and *theoretical framework* to determine the importance of social, structural, and spatial networks relative to the health and well-being of individuals and communities.  |
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| **EDUCATION** |
| 201620122009 | **Doctor of Philosophy**, Health Education, *Texas A&M University, College Station, Texas***Master of Public Health**, Community Health*, Baylor University, Waco, Texas***Bachelor of Arts**, Psychology, *Baylor University, Waco, Texas* |
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| **PROFESSIONAL APPOINTMENTS** |
| 2018 - present | **Assistant Professor***, Texas A&M University* |
| Building a vibrant and collaborative research agenda; teaching undergraduate and graduate-level courses for the Department of Health & Kinesiology; providing mentorship and research guidance to undergraduate and graduate students; engaging in meaningful service to Texas A&M and the field at large  |
| 2014 - 2018 | **Adjunct Professor***, Baylor University* |
| Instructor of record for undergraduate and graduate-level health courses |
| 2013 - 2018 | **Director of Wellness***, Baylor University* |
| Planned, implemented, and evaluated operations out of Baylor University’s Department of Wellness, including Fitness and Nutrition programs, Addiction Recovery services, and Health Promotion, Education, and Outreach efforts; led and supervised full- and part-time employees (*n*=10), as well as graduate and undergraduate student employees (*n*=150); mentored undergraduate and graduate students conducting internships; managed the department’s annual budget and purchasing needs ($1.5 million); ensured adherence and compliance to all policies, procedures, and risk management related protocols in conjunction with the University and community partners |
| 2013 | **Research Consultant***, COCOMO Systematic Literature Review Project* |
| Assisted in utilizing PRISMA guidelines to conduct a systematic literature review  |
| 2012 - 2013 | **Graduate Teaching Assistant***, Texas A&M University* |
| Taught online undergraduate-level health courses  |
| 2010 - 2012 | **Graduate Teacher of Record***, Baylor University* |
| Taught undergraduate-level introductory health course  |
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| **PEER-REVIEWED SCIENTIFIC JOURNAL ARTICLES** |
| **40 manuscripts published or in press** 31 (78%) first authored (*n*=13) or student first authored (*n*=18) 27 (68%) include student authors; \*indicates student authorship 20 (50%) use social network analysis |
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| In Press |
| 1. **Patterson, M. S.,** \*Prochnow, T., \*Nelon, J. L., \*Spadine, M. N., \*Brown, S. E., & Lanning, B. A. (in press). Egocentric network composition and structure relative to violence victimization among a sample of college students. *Journal of American College Health*. epub ahead of print. doi: 10.1080/07448481.2020.1841777. Impact Factor: 1.710
 |
| 1. \*Lautner, S. C., **Patterson, M. S., \***Spadine, M. N., \*Graves-Boswell, T., & Heinrich, K. (in press). Exploring the social side of CrossFit: A qualitative study. *Mental Health and Social Inclusion.* doi: 10.1108/MHSI-08-2020-0051.Impact Factor: 0.490
 |
| 1. \*Russell, A.M., **Patterson, M.S.,** & Barry, A.E. (in press). College students’ perceptions of peer alcohol use: a social network analytic approach. *Substance Use and Misuse*. doi: 10.1080/10826084.2020.1833929. Impact Factor: 1.497
 |
| 1. \*Prochnow, T., Oglesby, L., **Patterson, M. S.**, & Umstattd Meyer, M. R. (in press). Feelings of burnout and coping strategies among fitness instructors: A mixed methods approach. *Managing Sport and Leisure.* epub ahead of print.doi: 10.1080/23750472.2020.1825986. Impact Factor: 0.530
 |
| 1. \*Russell, A. M., Barry A. E., & **Patterson, M. S.** (in press). A comparison of approaches for assessing peer alcohol use. *Drug and Alcohol Review*. epub ahead of print. doi: 10.1111/dar.13140. Impact Factor: 2.472
 |
| 1. **Patterson, M. S.,** \*Gagnon, L. R., \*Vukelich, A., \*Brown, S. E., \*Nelon, J. L., & \*Prochnow, T. (in press). Social networks, group exercise, and anxiety among college students. *Journal of American College Health.* epub ahead of print. doi: 10.1080/07448481.2019.1679150. Impact Factor: 1.710, Citations: 3
 |
| 1. \*Prochnow, T., **Patterson, M. S.,** & Umstattd Meyer, M. R. (in press) A social network analysis approach to group and individual perceptions of adolescent physical activity. *Health Education Research.* epub ahead of print.doi: 10.1093/her/cyaa035. Impact Factor: 1.108
 |
| 1. \*Prochnow, T., **Patterson, M. S.**, \*Bridges Hamilton, C., \*Delgado, H., Craig, S., & Umstattd Meyer, M. R. (in press). Network autocorrelation of perceived physical activity skill competence among adolescents at a summer care program. *American Journal of Health Promotion.* epub ahead of print.doi: 10.1177/0890117120958544. Impact Factor: 2.232
 |
| 1. \*Spadine, M. N., **Patterson, M. S**., \*Brown, S. E., \*Nelon, J. L., Lanning, B., Johnson, D. M. (in press). Predicting emotional abuse among a sample of college students. *Journal of American College Health*. doi: 10.1080/07448481.2020.1740709. Impact Factor: 1.710
 |
| 1. \*Prochnow, T., **Patterson, M. S.,** Umstattd Meyer, M. R. (in press). A social network approach to analyzing body dissatisfaction among sorority members using two network generators. *Journal of American College Health.* epub ahead of print.doi: 10.1080/07448481.2019.1657121. Impact Factor: 1.710, Citations: 4
 |
| 1. \*Nelon, J. L., \*Moscarelli, M., \*Stupka, P., \*Sumner, C., \*Uselton, T., & **Patterson, M. S.** (in press). Does scientific publication inform public discourse? A case study observing social media engagement around vaccinations. *Health Promotion Practice.* doi: 10.1177/1524839919899925. Impact Factor: 1.050
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| 2020 |
| 1. \*Prochnow, T., **Patterson, M. S.,** Umstattd Meyer, M. R., & Sharkey, J. (2020). Health coalition collaboration network, perceived satisfaction, and success. *Journal of Health Organization and Management, 34*(8), 885-897. doi: 10.1108/JHOM-04-2020-0120. Impact Factor: 1.054
 |
| 1. \*Prochnow, T., van Woudenberg, T. J., & **Patterson, M. S.** (2020). Network effects on adolescent perceived barriers to physical activity. *Journal of Physical Activity and Health, 17*(9), 889-894. doi: 10.1123/jpah.2019-0655. Impact Factor: 1.993
 |
| 1. \*Lautner, S. K., **Patterson, M. S., \***Ramirez, M., & Heinrich, K. M. (2020). Can CrossFit aid in addiction recovery? An exploratory media analysis of popular press. *Mental Health and Social Inclusion, 24*(2), 97-104*.* doi: 10.1108/MHSI-02-2020-0007. Impact Factor: 0.490, Citations: 1
 |
| 1. **Patterson, M. S., \***Russell, A. M., \*Spadine, M. N., \*Prochnow, T., & Heinrich, K. M. (2020). Impact of social networks, mental health, and sobriety on exercise within a collegiate recovery community. *Health Behavior Research, 3*(1), 1-17. doi: 10.4148/2572-1836.1074. Impact Factor: n/a (new journal)
 |
| 1. **Patterson, M. S.**, \*Gagnon, L. R., \*Nelon, J. L., \*Spadine, M. (2020). A pilot study using egocentric network analysis to assess holistic health benefits among a sample of university employees involved in a worksite fitness program. *Work: A Journal of Prevention, Assessment, and Rehabilitation, 66,* 63-72*.* doi: 10.3233/WOR-203151. Impact Factor: 1.132
 |
| 1. \*Duval, A., Lanning, B., & **Patterson, M. S.** (2020). A systematic review of dating violence risk factors among undergraduate college students. *Trauma, Violence, & Abuse, 21*(3), 567-585*.* doi: 10.1177/1524838018782207. Impact Factor: 6.352, Citations: 14
 |
| 1. \*Prochnow, T., **Patterson, M. S.,** \*Hartnell, L., & Umstattd Meyer, M. R. (2020). Depressive symptoms associated with online and in person networks in an online gaming community: A pilot study. *Mental Health Review, 25*(1), 21-33. doi: 10.1108/MHRJ-11-2019-0044. Impact Factor: 0.980, Citations: 1
 |
| 1. **Patterson, M. S.,** \*Prochnow, T., Richardson, R. G., Jackson, K. P. (2020). Using social network analysis to conduct a systemic program evaluation within a university. *Evaluation and Program Planning, 79.* doi: 10.1016/j.evalprogplan.2020.101783. Impact Factor: 1.519
 |
| 1. Garney, W. R., **Patterson, M. S.**, Garcia, K. M., \*Muraleetharan, D., & McLeroy, K. R. (2020). Interorganizational network findings from a nationwide chronic disease prevention initiative. *Evaluation & Program Planning, 79*. doi: 10.1016/j.evalprogplan.2019.101771. Impact Factor: 1.519, Citations: 1
 |
| 1. **Patterson, M. S.**, \*Russell, A. M., \*Nelon, J. L., Barry, A. E., & Lanning, B. A. (2020). Using social network analysis to understand sobriety among a campus recovery community. *Journal of Student Affairs Research & Practice.* doi: 10.1080/19496591.2020.1713142. Impact Factor: 0.457, Citations: 2
 |
| 1. \*Prochnow, T., **Patterson, M. S.**, & \*Hartnell, L. (2020). Social support, depressive symptoms, and online gaming network communication. *Mental Health & Social Inclusion, 20*(1), 49-58*.* doi: 10.1108/MHSI-11-2019-0033. Impact Factor: 0.490, Citations: 1
 |
| 1. Sherman, L. D., **Patterson, M. S.**, Wigfall, L. T., & \*Tomar, A. (2020). Use of digital health information for health information seeking among men living with chronic disease: Data from the health information and national trends survey (HINTS). *American Journal for Men’s Health,* 1-9*.* doi: 10.1177/1557988320901377. Impact Factor: 1.409, Citations: 3
 |
| 1. Wigfall, L. T., Sherman, L., Garney, W. R., **Patterson, M. S.**, Montiel Ishino, F. A., & Vadaparampil, S. T. (2020). Are healthcare providers making the most of patient encounters to promote HPV vaccination for persons aged through 25 years at-risk for cigarette smoking? *Patient Education and Counseling*, *102*(1), 180-188. doi: 10.1016/j.pec.2019.07.026. Impact Factor: 2.607
 |
| 1. \*Prochnow, T., \*Delgado, H., **Patterson, M. S.**, & Umstattd Meyer, M. R. (2020). Social network analysis in child and adolescent physical activity research: A systematic literature review. *Journal of Physical Activity and Health, 17,* 250-260*.* doi: 10.1123/jpah.2019-0350. Impact Factor: 1.993, Citations: 8
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| 2019 |
| 1. **Patterson, M. S.,** \*Prochnow, T., & Goodson, P. (2019). The spread and utility of social network analysis across a group of health behavior researchers. *Health Behavior Research, 2*(4). doi: 10.4148/2572-1836.1063. Impact Factor: n/a (new journal)
 |
| 1. **Patterson, M. S.** & Goodson, P.(2019). Social network analysis for assessing college-aged adults’ health: A systematic review. *Journal of American College Health, 67*(1), 59-67*.* doi: 10.1080/07448481.2018.1462820. Impact Factor: 1.710, Citations: 9
 |
| 1. Wilkerson, A. H., \*Bridges, C. N., Wu, C., \*McClendon, M. E., Walsh, S. M., **Patterson, M. S.,** & Umstattd Meyer, M. R. (2019). Process evaluation of the BearStand behavioral intervention component: A social cognitive theory-based strategy to reduce occupational sedentary behavior. *Journal of Occupational and Environmental Medicine*, *61*(11), 927-935. doi: 10.1097/JOM.0000000000001704. Impact Factor 1.644, Citations: 1
 |
| 1. \*Nelon, J. L., De Pedro, K. T., Gilreath, T. D., **Patterson, M. S**., \*Holden, C. B., & \*Esquivel, C. H. (2019). A latent class analysis of the co-occurrence of sexual violence, substance use, and mental health in youth. *Substance Use and Misuse. 54*(12), 1938-1944. doi: 10.1080/10826084.2019.1618337. Impact Factor: 1.497, Citations: 2
 |
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| 2018 |
| 1. **Patterson, M. S.** & Goodson, P. (2018). The role of ego networks in compulsive exercise behavior among college sorority women. *Journal of Physical Activity and Health*, *15*(10), 755-762. doi: 10.1123/jpah.2017-0570 . Impact Factor: 1.993, Citations: 5
 |
| 1. \*Shaikh, H. M., **Patterson, M. S.**, Lanning, B., Umstattd Meyer, M. R., & \*Patterson, C. A. (2018). Assessing college students' use of campus recreation facilities through individual and environmental factors. *Recreational Sports Journal*, *42*(2), 145-159. doi: 10.1123/rsj.2017-0033. Impact Factor: n/a (45% rejection rate, indexed in 2020), Citations: 4
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| 2017 |
| 1. **Patterson, M. S.,** & Goodson, P. (2017). Using social network analysis to better understand compulsive exercise behavior among a sample of sorority members. *Journal of Physical Activity and Health.* *14*(5), 360-367. doi: 10.1123/jpah.2016-0336. Impact Factor: 1.993, Citations: 8
 |
| 1. Walsh, S. M., Umstattd Meyer, M. R., Gamble, A., **Patterson, M. S.,** & Moore, J. B. (2017). A systematic review of rural, theory-based physical activity interventions. *American Journal of Health Behavior, 41*(3), 248-258. doi: [10.5993/AJHB.41.3.4](https://doi.org/10.5993/AJHB.41.3.4). Impact Factor: 1.224, Citations: 5
 |
| 1. **Patterson, M. S.**, Patterson, C. A., Walsh, S. M., & \*Bernhart, J. A. (2017). A five-year evaluation of the BEarFIT worksite physical activity program. *Occupational Medicine & Health Affairs. 5*(3):308. doi: 10.4172/2329-6879.1000308. Impact Factor: 0.830
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| 2016 |
| 1. Umstattd Meyer M. R., Perry C. K., Sumrall J., **Patterson M. S.,** Walsh S. M., Clendennen S. L., Hooker S. P., Evenson K. R., Goins K. V., Heinrich K., O’Hara Tompkins N., Eyler A. A., Jones S., Tabak R., & Valko C. (2016) Physical activity-related policy and environmental strategies to prevent obesity in rural communities: A systematic review of the literature, 2002-2013. *Preventing Chronic Disease, 13*(E03). doi: 10.5888/pcd13.150406. Impact Factor: 2.144, Citations: 58
 |
| 1. Umstattd Meyer, M. R., **Patterson, M. S.,** Fuhrmeister Daughtery, M., Von Ahn, K., Bowden, R. G., Beaujean, A. A., & Wilson, R. L. (2016). Is physical activity self-efficacy for patients with end-stage renal disease meaningful? *Journal of Acute Care Physical Therapy, 7*(2): 65-75. doi: 10.1097/JAT.0000000000000028. Impact Factor: n/a, Citations: 1
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| 2015 |
| 1. **Patterson, M. S.,** Umstattd Meyer, M. R., & Beville, J. M. (2015). Potential predictors of college women meeting strength training recommendations: Application of the integrated behavioral model. *Journal of Physical Activity and Health*, *12*(7). doi: 10.1123/jpah.2014-0026. Impact Factor: 1.993, Citations: 14
 |
| 1. **Patterson, M. S.,** Amuta, A. O., McKyer, E. L. J., McWhinney, S. L., Outley, C., & Tisone, C. A. (2015). The physical activity environment among rural, low-income children. *Health Behavior and Policy Review, 2*(6), 461-469. doi: [10.14485/HBPR.2.6.6](http://dx.doi.org/10.14485/HBPR.2.6.6) Impact Factor: n/a
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| 2014 |
| 1. **Patterson, M. S.,** Umstattd Meyer, M. R., Beaujean, A. A., & Bowden, R. G. (2014). Using the social cognitive theory to understand physical activity among dialysis patients. *Rehabilitation Psychology, 59*(3), 278-288. doi: 10.1037/a0037002. Impact Factor: 1.615, Citations: 26
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| 2013 |
| 1. Umstattd Meyer, M. R., Sharkey, J. R., **Patterson, M. S.,** & Dean W. R. (2013). Understanding contextual barriers, supports, and opportunities for physical activity among Mexican-origin children in Texas border *colonias*: A descriptive study. *BioMed Central Public Health*, 13:14. doi:10.1186/1471-2458-13-14. Impact Factor: 1.198, Citations: 38
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| **MANUSCRIPTS IN REVIEW** |
| **22 manuscripts in review** 17 (77%) first authored (*n*=6) or student first authored (*n*=11) 20 (91%) include student authors; \*indicates student authorship 15 (68%) use social network analysis |
| 1. \*Prochnow, T., Umstattd Meyer, M. R., **Patterson, M. S.**, McClendon, M., Trost, S., Gomez, L., & Sharkey, J. (in review). Papas Activos: Associations between physical activity and personal networks among fathers living in Texas Colonias. *International Journal of Environmental Research and Public Health.*
 |
| 1. **Patterson, M. S. \***Amo, C., \*Prochnow, T., & Heinrich, K. M. (in review). Exploring the social environment relative to exercise self-efficacy within CrossFit participants. *Journal of Sport and Exercise Psychology.*
 |
| 1. **Patterson, M. S.**, Heinrich, K. M., \*Prochow, T., Graves-Boswell, T., & Spadine, M.N. (in review). Network analysis of the social environment relative to preference for and tolerance of exercise intensity in CrossFit gyms. *International Journal of Environmental Research and Public Health.*
 |
| 1. Russell, A.M., **Patterson, M.S**., \*Spadine, M.N., & Barry, A.E. (in review). Utility of Amazon’s Mechanical Turk for conducting alcohol-related social network analyses: A comparison of two distinct egocentric network data collection approaches. *Drug and Alcohol Review*.
 |
| 1. \*Graves-Boswell, T., \*Tomar, A. **Patterson, M. S.,** \*Pajwani, S., Spadine, M. N., Garney, W. R., Sherman, L., & Wigfall, L. (in review). Using a Systems Thinking Tool to Identify Leverage Points for Autoimmune Thyroid Disease. *System Dynamics Review.*
 |
| 1. **Patterson, M. S.,** \*Graves-Boswell, T., \*Prochnow, T., & \*Spadine, M. S. (in review). The way you make me feel: A network analysis of social ties that exacerbate body image concerns. *Journal of Health and Social Behavior*.
 |
| 1. Valdez, D., **Patterson, M. S.,** & \*Prochnow, T. (in review). The importance of integrating theoretical frameworks in social media mining: An exploratory approach between computer informatics and social network analysis (SNA). *Health Behavior Research.*
 |
| 1. **Patterson, M. S.**, \*Brown, S. E., \*Spadine, M. N., \*Nelon, J. L., Duval, A. L., Lanning, B. A., & Johnson, D. M. (revise & resubmit). Rates and risks of collegiate sexual violence across multiple campuses: Exploring changes in trends and future solutions. *College Student Affairs Journal.*
 |
| 1. Patterson, C. A., Zimmer, W. K., **Patterson, M. S.,** &Meyer, A. R. (in review). 'I thee pledge': Exploring student fan identity with sportsmanship pledge values. *International Journal of Sport and Society.*
 |
| 1. \*Prochnow T**.,** **Patterson M. S.,** \*Bridges Hamilton C. N., Craig S., & Umstattd Meyer M. R. (revise & resubmit). Social network effects on adolescent perceived physical activity at summer care programs. *Journal of Physical Activity and Health.*
 |
| 1. \*Primm, K. M., Ferdinand, A. O., Garney, W. R., McCord, C., **Patterson, M. S.,** & Barry, A. E. (in review). Examining the impact of the Affordable Care Act`s Dependent Coverage Provision on access to and utilization of mental health treatment among urban and rural residing young adults. *Medical Care Research and Review.*
 |
| 1. **Patterson, M. S.,** \*Prochnow, T., \*Russell, A. M., & Barry, A. E. (in review). Associations between sexual violence victimization and risky drinking within college women’s personal networks. *Violence Against Women.*
 |
| 1. \*Prochnow, T., **Patterson, M. S.,** Meyer, A. R., & Umstattd Meyer, M. R. (revise & resubmit). Sport participation associations with child friend selection while at summer care programs. *Research Quarterly for Exercise and Sport.*
 |
| 1. \*Nelon, J. L., \*Spadine, M., **Patterson, M. S.,** \*Brown, S., \*Bookout, C., \*Woods, L., & Fehr, S. K. (revise & resubmit). An observation analysis of ‘me too’ narratives from YouTube. *Health Behavior Research*.
 |
| 1. \*Prochnow T., Umstattd Meyer M. R., **Patterson M. S.,** Gomez L., Trost S., & Sharkey J. (revise & resubmit). Active play network influences on physical activity among children living in south Texas colonies. *Family & Community Health.*
 |
| 1. \*Prochnow, T., Lightner, J., **Patterson, M. S.,** Shank, J., & McBain, R. (in review). A longitudinal model of communication networks among HIV service providers in a Ryan White system. *AIDS Care.*
 |
| 1. **Patterson, M. S.,** Apostolopolous, Y., \*Nelon, J. L., Sonmez, S., Lemke, M. K., & Hege, A. (in review). Exploring the role of social network structure in disease risk among U.S. long-haul truck drivers in urban areas. *Health, Risk & Society.*
 |
| 1. \*Spadine, M. N., **Patterson, M. S**., \*Graves Boswell, T., \*Russell, A. M., \*Sartor, J., \*Prochnow, T., Heinrich, K. M. (in review). Exercise in the treatment of addiction: A systematic literature review. *Journal of Physical Activity and Health.*
 |
| 1. \*Russell, A. M., Barry A. E., & **Patterson, M. S.** (in review). Strategies for measuring peer alcohol use within egocentric network analysis. *Addictive Behaviors*.
 |
| 1. \*Prochnow T., **Patterson M.S.,** \*Bridges Hamilton CN., \*Delgado H., Craig S., & Umstattd Meyer M.R. (in review). Sex differences in play networks and self-reported physical activity among adolescents at summer care programs. *Child and Youth Services.*
 |
| 1. Kwok, A., **Patterson, M. S.,** Suarez, M., Huston, D. & Mitchell, D. (in review). Rate your coach: Exploring ratings of coaching skills throughout teacher induction. *International Journal of Educational Research*
 |
| 1. Kwok, A., Rios, A., \*Woorley, C., \*Keese, J., Suarez, M., Huston, D., **Patterson, M. S.**, & Mitchell, D. (in review). Match Games: Exploring the Match Between Novice Teachers and Induction Coaches. *AERA Open.*
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| **BOOK CHAPTERS** |
| 1. **Patterson, M. S.**, Lemke, M. K., & Nelon, J. L. (2020). Complex systems in a nutshell: Foundational concepts for population health. In A. Apostolopoulos, K. Hassmiller Lich, & M. K. Lemke (Eds.). *Complex systems and population health: A primer*. Oxford University Press. doi: 10.1093/oso/9780190880743.003.0002
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| **FUNDING AND RESEARCH SUPPORT** |
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| Current  |
| **External Grants** |
| *Growing the Biomedical Workforce through the Small World Initiative: A Longitudinal Study of Mentoring, Research Experience and Network Effects on Faculty and Students***Funder**: National Institutes of Health Common Fund Initiative**Role**: Co-Investigator**Funding Period**: June 2019-May 2024**Total Funds Awarded**: $3,423,913 |
| *Texas A&M University Student ACE, Campus Victim Assistance Program***Funder**: State of Texas Office of the Governor, Public Safety Office, Criminal Justice Division**Role**: Co-Investigator**Funding Period**: September 2020-August 2021**Total Funds Awarded**: $107,721 |
| **Internal Grants** |
| *Using Social Network Analysis to Determine Individual and Community-Level Impacts of Telehealth Use in a Rural Community***Funder:** College of Education and Human Development Catapult Grant Program, Texas A&M University**Role:** Principal Investigator**Funding Period:** January 2020-June 2021**Total Funds Awarded**: $30,000 |
| *Aging in [physical + social] Place: A Coupled Environment-Activity Network and Social Network Analysis***Funder:** Center for Health Systems & Design UNConference Research Program, Texas A&M University**Role:** Co-Investigator**Funding Period:** January 2020-December 2020**Total Funds Awarded:** $20,000 |
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| Completed |
| **EXTERNAL GRANTS** |
| *Network Analysis to Evaluate Pets, Emotional Support Animals, and Service Animals on College Campuses: Policies and Implications***Funder**: UCLA Law School Animal Law and Policy Small Grants Program**Role**: Co-Principal Investigator**Funding Period**: January 2019-December 2019**Total Funds Awarded**: $2,920 |
| **INTERNAL GRANTS** |
| *Using the Social Cognitive Theory to Better Understand Physical Activity among Dialysis Patients***Funder:** Baylor University Thesis Support Program**Role:** Principal Investigator**Funding Period:** January 2012-May 2012**Total Funds Awarded:** $1,285.75 |
| **SPONSORSHIPS AND GIFTS** |
| *Proposal for Baylor University Recovery Center***Sponsor:** Mr. and Mrs. Beauchamp (Family Donor to Baylor University)**Date:** January 2017**Total Funds Gifted:** $2,500,000.00 |
| *F45 Fitness Program – Baylor University***Sponsor:** F45 Training, Inc.**Date:** December 2016**Total Funds Gifted:** $45,000.00 |
| *Proposal for Addiction Recovery Staff Position – Baylor University***Sponsor:** Mr. and Mrs. Holt (Family Donor to Baylor University)**Date:** January 2015**Total Funds Gifted:** $250,000.00 |
| Under Review |
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| *Using a Complex Adaptive Systems Framework to Investigate Shared Language during Interdisciplinary Team Formation***Funder**: National Science Foundation**Role**: Co-Investigator**Proposed Funding Period**: June 2021-May 2025**Total Funds Requested**: $2,479,292.00*IMPACT: Innovative Mental Health Practice Affecting Communities via Technology***Funder:** National Science Foundation**Role:** Co-Principal Investigator**Proposed Funding Period:** One year after decision (TBA)**Total Funds Requested:** $150,000.00 |
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| **UNFUNDED PROJECTS** |
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| **External Grants** |
| *Texas A&M University Telehealth Resource Center***Funder:** Department of Health and Human Services, Health Resources and Services Administration**Role:** Co-Principal Investigator**Proposed Funding Period:** September 2020-August 2025**Total Funds Proposed:** $3,800,00 |
| *Ready Next: A Replication Project Approach to Implement Teen Pregnancy Prevention Programs***Funder:** Department of Health and Human Services, Office of the Assistant Secretary for Health**Role:** Co-Principal Investigator**Proposed Funding Period:** September 2020-August 2023**Total Funds Proposed:** $2,197,657 |
| *Juntos Podemos 2: Changing the Map of Teen Pregnancy in South Texas***Funder:** Department of Health and Human Services, Office of the Assistant Secretary for Health**Role:** Co-Principal Investigator**Proposed Funding Period:** September 2020-August 2024**Total Funds Proposed:** $2,507,295 |
| *Increasing community access to evidence-based cervical cancer prevention services among above-average risk medically underserved and vulnerable female Texans***Funder:** Cancer Prevention and Research Institute of Texas**Role:** Co-Principal Investigator**Proposed Funding Period:** August 2020-July 2022**Total Funds Proposed:** $1,000,000 |
| *Workplace Health Achievement Index Validation Study***Funder:** American Heart Association**Role:** Principal Investigator**Proposed Funding Period:** June 2020-May 2021**Total Funds Proposed:** $51,891 |
| *From Preparation to Retention: Tracking Teacher Candidates’ Trajectories into Underserved Schools***Funder:** Spencer Foundation Large Grants Program**Role:** Co-Principal Investigator**Proposed Funding Period:** August 2019-July 2022**Total Funds Proposed:** $374,999 |
| *Novice Teacher Development: Exploring the Impact of Induction and Coaching Through Multiple Methodologies***Funder:** Spencer Foundation Small Grants Program**Role:** Co-Principal Investigator**Proposed Funding Period:** August 2019-July 2020**Total Funds Proposed:** $43,763 |
| *Improving Novice Teacher Professional Development Through Induction: Extending a Research-Practice Collaborative***Funder:** Spencer Foundation Research Practitioner Partnership Grant**Role:** Co-Principal Investigator**Proposed Funding Period:** August 2019-July 2022**Total Funds Proposed:** $399,844 |
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| **REFEREED PRESENTATIONS** |
| **88 refereed presentations (30 oral presentations, 58 poster presentations)** 70 (80%) first authored (*n*=26) or student first authored (*n*=44) 59 (67%) include student authors \*indicates student authorship 44 (50%) use social network analysis |
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| 2020 |
| 1. \*Prochnow, T., & **Patterson, M. S.** (October 24-28, 2020). *Introduction to Social Network Analysis in Health.* Selected as a workshop at the American Public Health Association (APHA) 148th Annual Meeting. San Francisco, CA. [virtual conference due to COVID-19]
 |
| 1. **Patterson, M. S.,** \*Prochnow, T., \*Spadine, M. N., \*Brown, S., \*Nelon, J. L., & Lanning, B. (October 24-28, 2020). *How network composition and structure relate to college students' experience of intimate partner violence: An egocentric network analysis*. Selected as an oral presentation at the American Public Health Association (APHA) 148th Annual Meeting. San Francisco, CA. [virtual conference due to COVID-19]
2. **Patterson, M. S.,** Apostolopoulos, Y., \*Nelon, J. L., Lemke, M., Sonmez, S., Hege, A., & \*Prochnow, T. (October 24-28, 2020). *Exploring the role of social network structure in sexually transmitted and bloodborne infection risk among long-haul truckers*. Selected as an oral presentation at the American Public Health Association (APHA) 148th Annual Meeting. San Francisco, CA. [virtual conference due to COVID-19]
 |
| 1. \*Spadine, M. N., **Patterson, M. S**., \*Brown, S. E., \*Nelon, J. L., Lanning, B. A., Johnson, D. M. (October 24-28, 2020). *An examination of factors related to emotional abuse among college students.* Selected as a round table oral presentation at the American Public Health Association (APHA) 148th Annual Meeting. San Francisco, CA. [virtual conference due to COVID-19]
 |
| 1. \*Primm, K., Garney, W. R., Ferdinand, A. O., Barry, A. E., McCord, C., **Patterson, M. S.** (October 24-28, 2020). *Impacts of the Dependent Coverage provision on Access to and Utilization of Substance Use Disorder Treatment: An Urban-Rural Comparison*. Oral presentation to be delivered at the American Public Health Association (APHA) 148th Annual Meeting, San Francisco, CA. [virtual conference due to COVID-19]
 |
| 1. \*Primm, K., Garney, W. R., Ferdinand, A. O., Barry, A. E., McCord, C., **Patterson, M. S.** (October 24-28, 2020). *Examining the Impact of the Affordable Care Act`s Dependent Coverage Provision on Utilization of Mental Health Treatment Among Urban and Rural Populations.* Oral presentation to be delivered at the American Public Health Association (APHA) 148th Annual Meeting, San Francisco, CA. [virtual conference due to COVID-19]
 |
| 1. \*Prochnow T., **Patterson M. S.,** \*Bridges Hamilton C. N., \*Delgado H., & Umstattd Meyer M. R. (October 24-28, 2020). *Physical activity and adolescent social connection at summer care programs: a longitudinal network approach*. Accepted as a poster presentation at the American Public Health Association Annual Meeting and Expo. San Francisco, CA. [virtual conference due to COVID-19]
 |
| 1. \*Panjwani, S., Garney, W. R., Wilson, K., **Patterson, M. S.**, Lang, L., Fore, S., Criswell, B. & Mathews, R. (October 24-28, 2020). *Network analysis of a collective impact initiative: Fostering collaboration to address teen pregnancy.* Accepted as an oral presentation at the American Public Health Association Annual Meeting and Expo. San Francisco, CA. [virtual conference due to COVID-19]
 |
| 1. \*Russell, A. M., **Patterson, M. S.,** & Barry, A. E. (October 24-28, 2020). *Establishing best practice for measuring perceived peer alcohol use: An egocentric network analysis approach.* Accepted as a poster presentation at the American Public Health Association Annual Meeting and Expo. San Francisco, CA. [virtual conference due to COVID-19]
 |
| 1. \*Russell, A. M., **Patterson, M. S.,** & Barry, A. E. (October 24-28, 2020). *Examining the relationship between problematic drinking and wetness of friend circle: A social network analysis.* Accepted as a poster presentation at the American Public Health Association Annual Meeting and Expo. San Francisco, CA. [virtual conference due to COVID-19]
 |
| 1. \*Prochnow T., \*Delgado H., **Patterson M. S.,** Sharkey J., & Umstattd Meyer M. R. (October 24-28, 2020). *Associations between child play networks, sedentary time, and moderate-to-vigorous intensity physical activity in Mexican-heritage Colonias.* Accepted as a poster presentation at the American Public Health Association Annual Meeting and Expo. San Francisco, CA. [virtual conference due to COVID-19]
 |
| 1. \*Prochnow T., **Patterson M. S.**, & Umstattd Meyer M.R. (September 24, 2020). *Using social network analysis to understand group and individual perceptions of adolescent physical activity.* Accepted as a twitter presentation at the American Public Health Association Physical Activity Student Twitter Conference.
 |
| 1. Lanning, B. A., **Patterson, M. S.**, \*Henry, S., & \*Graves-Boswell, T. (September 3-5, 2020). *The status, purpose, and welfare of animals on college campuses*. Accepted as an oral presentation at the International Society for Anthrozoology (ISAZ) Annual Conference. [virtual conference due to COVID-19]
 |
| 1. **Patterson, M. S.,** \*Prochnow, T., \*Nelon, J. L., McCord, C. E., & Garney, W. R. (June 2-7, 2020). *Impact of egocentric networks on physical, emotional, and sexual violence among a sample of college students.* Selected as an oral presentation at the XL Sunbelt Social Networks Conference. Paris, France. [virtual conference due to COVID-19]
 |
| 1. \*Nelon, J. L., **Patterson, M. S.,** \*Prochnow, T., Garney, W. R., & McCord, C. E. (June 2-7, 2020). *The role of egocentric networks in the formation of rape myth acceptance.* Selected as a poster presentation at the XL Sunbelt Social Networks Conference. Paris, France. [virtual conference due to COVID-19]
 |
| 1. McCord, C. E., \*Prochnow, T., **Patterson, M. S.,** \*Nelon, J. L., & Garney, W. R. (June 2-7, 2020). *How social support and depressive symptoms relate to connections made among online gamers.* Selected as an oral presentation at the XL Sunbelt Social Networks Conference. Paris, France. [virtual conference due to COVID-19]
 |
| 1. **Patterson, M. S.,** \*Prochnow, T., \*Spadine, M. S., \*Brown, S. E., \*Nelon, J. L., & Lanning, B. A. (April 1-4, 2020). *Impact of egocentric networks on physical, emotional, and sexual violence among a sample of college students*. Selected as a poster session at the Society of Behavioral Medicine (SBM) 41st Annual Meeting. San Francisco, CA. [virtual conference due to COVID-19]
 |
| 1. \*Prochnow, T., \*Bridges Hamilton, C. N., **Patterson, M. S.,** \*Delgado, H., & Umstattd Meyer, M. R. (April 1-4, 2020). *Spatial autocorrelation of perceived physical activity competence among adolescent friendship networks at a summer care program.* Selected as a poster session at the Society of Behavioral Medicine (SBM) 41st Annual Meeting. San Francisco, CA. [virtual conference due to COVID-19]
 |
| 1. \*Prochnow, T., **Patterson, M. S.**, \*Hartnell, L., & Umstattd Meyer, M. R. (April 1-4, 2020). *Impact of online and offline network and support on depressive symptoms among a network of online gamers.* Selected as a poster session at the Society of Behavioral Medicine (SBM) 41st Annual Meeting. San Francisco, CA. [virtual conference due to COVID-19]
 |
| 1. \*Prochnow T., \*Delgado H., **Patterson M.S**., Sharkey J. & Umstattd Meyer M.R. (March 29-April 1). *Child play network influences on physical literacy in Mexican-heritage Colonias.*Accepted as an oral presentation at the 2020 Conference on the Value of Play: PLAY FOR ALL! Clemson, SC. [virtual conference due to COVID-19]
 |
| 1. \*Vukelich, A., Sriram, R., & **Patterson, M. S.** (March 28-April 1, 2020). *Diversity in students’ personal networks: An egocentric network analysis of diversity’s role in student thriving.* Selected as a poster session at the National Association of Student Personnel Administrators (NASPA) 102nd Annual Conference. Austin, TX. [virtual conference due to COVID-19]
 |
| 1. \*Vukelich, A., Sriram, R., & **Patterson, M. S.** (March 28-April 1, 2020). *The social network: Supporting student connections on campus.* Selected as an oral presentation at the National Association of Student Personnel Administrators (NASPA) 102nd Annual Conference. Austin, TX. [virtual conference due to COVID-19]
 |
| 1. **Patterson, M. S.,** \*Prochnow, T., \*Russell, A. M., & Barry, A. E. (March 8-11, 2020).  *High-risk social circles: Associations between personal alcohol use and history of sexual assault to peer drinking behavior*. Selected as a poster presentation at the American Academy of Health Behavior (AAHB) 20th Annual Meeting. Napa, CA. [cancelled due to COVID-19, to be presented at 2021 virtual conference]
 |
| 1. **Patterson, M. S.,** \*Russell, A. M., \*Spadine, M. S., Heinrich, K. M., & \*Prochnow, T. (March 8-11, 2020). *Predicting beneficial exercise behavior among college students in recovery: A social network analysis.* Selected as a poster presentation at the American Academy of Health Behavior (AAHB) 20th Annual Meeting. Napa, CA. [cancelled due to COVID-19, to be presented at 2021 virtual conference]
 |
| 1. \*Strong, M. R., **Patterson, M. S.**, \*Spadine, M. N., Heinrich, K. M., & Walsh, S. M. (March 8-11, 2020). *The community of CrossFit: An examination of the role of community support relative to confidence in CrossFit participation*. Selected as a poster presentation at the American Academy of Health Behavior (AAHB) 20th Annual Meeting. Napa, CA. [cancelled due to COVID-19, to be presented at 2021 virtual conference]
 |
| 1. \*Prochnow, T., **Patterson, M. S.,** \*Hartnell, L., & Umstattd Meyer, M. R. (March 8-11, 2020). *Offline social support and depressive symptoms as factors associated with online gaming friendships.* Selected as a poster presentation at the American Academy of Health Behavior (AAHB) 20th Annual Meeting. Napa, CA. [cancelled due to COVID-19, to be presented at 2021 virtual conference]
 |
| 1. \*Prochnow, T., **Patterson, M. S.**, \*Bridges Hamilton, C., \*Delgado, H., & Umstattd Meyer, M. R. (March 8-11, 2020). *Network clustering based on team sport participation for adolescents attending summer care programs.* Selected as a poster presentation at the American Academy of Health Behavior (AAHB) 20th Annual Meeting. Napa, CA. [cancelled due to COVID-19, to be presented at 2021 virtual conference]
 |
| 1. \*Prochnow, T., van Woudenberg, T., & **Patterson, M. S.** (March 8-11, 2020). *Network impact on adolescent perceived barriers to physical activity.* Selected as a poster presentation at the American Academy of Health Behavior (AAHB) 20th Annual Meeting. Napa, CA.  [cancelled due to COVID-19, to be presented at 2021 virtual conference]
 |
| 1. \*Nelon, J.L., \*Moscarelli, M., \*Stupka, P., \*Sumners, C., \*Uselton, T., & **Patterson, M.S.** (March 8-11, 2020). *Does scientific publication inform public discourse? A case study observing social media engagement around vaccinations.* Accepted as a poster session at the American Academy of Health Behavior (AAHB) 20th Annual Meeting. Napa, CA.  [cancelled due to COVID-19, to be presented at 2021 virtual conference]
 |
| 1. \*Nelon, J.L., \*Hendricks, K., \*Naik, S., \*Ortega, S., \*Taylor, K., **Patterson, M.S.** (March 8-11, 2020). *Predicting Rape Myth Acceptance in Minority College Students.* Accepted as a poster session at the American Academy of Health Behavior (AAHB) 20th Annual Meeting. Napa, CA.  [cancelled due to COVID-19, to be presented at 2021 virtual conference]
 |
| 1. \*Russell, A. M., **Patterson, M. S.,** & Barry, A. E. (March 8-11, 2020). *College students’ perceptions of peer alcohol use: A social network analytic approach.* Selected as a poster presentation at the American Academy of Health Behavior (AAHB) 20th Annual Meeting. Napa, CA.  [cancelled due to COVID-19, to be presented at 2021 virtual conference]
 |
| 1. \*Brown, S. E., **Patterson, M. S.,** \*Spadine, M. S., \*Nelon, J. L., Lanning, B. A., & Johnson, D. M. (March 8-11, 2020). *Sexual violence victimization across three university campuses: An exploratory study.* Selected as a poster presentation at the American Academy of Health Behavior (AAHB) 20th Annual Meeting. Napa, CA. [cancelled due to COVID-19, to be presented at 2021 virtual conference]
2. \*Spadine, M. N., **Patterson, M. S.,** \*Brown, S. E., \*Nelon, J. L., Lanning, B. A., Johnson, D. M. (March 8-11, 2020). *Predicting Emotional Abuse among a Sample of College Students*. Selected as a poster session at the American Academy of Health Behavior (AAHB) 20th Annual Meeting. Napa, CA. [cancelled due to COVID-19, to be presented at 2021 virtual conference]
 |
| 1. \*Spadine, M. N., **Patterson, M. S.,** \*Russell, A. M., \*Graves-Boswell, T., \*Sartor, J., Walsh, S. M., Heinrich, K. M. (March 8-11, 2020). *Exercise in the treatment of addiction: A promising approach to a growing problem.* Selected as a poster session at the American Academy of Health Behavior (AAHB) 20th Annual Meeting. Napa, CA. [cancelled due to COVID-19, to be presented at 2021 virtual conference]
 |
| 1. \*Spadine, M. N., \*Nelon, J. L., **Patterson, M. S.,** \*Brown, S. E., \*Bookout, C. L., \*Woods, L. M., Fehr, S. K. (March 8-11, 2020). *An Observational Analysis of ‘me too’ Narratives from YouTube*. Selected as a poster session at the American Academy of Health Behavior (AAHB) 20th Annual Meeting. Napa, CA. [cancelled due to COVID-19, to be presented at 2021 virtual conference]
 |
| 1. **\***Lautner, S., Garney, W. R., Spengler, J. O., **Patterson, M. S.**, & Grant, S. (February 2-5, 2020). *Estimating pay to participate policy effects on sports participation opportunities for rural students: A community-based system dynamics model.* Selected as a poster presentation at the annual Active Living Conference (ALC). Orlando, FL.
 |
| 1. \*Lautner, S., **Patterson, M. S.**, \*Ramirez, M., & Heinrich, K. (February 2-5, 2020). *Can CrossFit aid in addiction recovery? An exploratory media analysis of popular press.* Selected as a poster presentation at the annual Active Living Conference (ALC). Orlando, FL.
 |
| 1. \*Prochnow T., **Patterson M. S.,** Cullinan K., & Umstattd Meyer M. R. (February 2-5, 2020). *Adolescent physical activity, self-efficacy, and friendships at summer care programs*. Accepted as a poster presentation at the annual Active Living Conference (ALC). Orlando, FL.
 |
| 1. \*Prochnow T., **Patterson M. S.,** \*Bridges Hamilton C. N., & Umstattd Meyer M. R. (February 2-5, 2020). *A social network analysis approach to group and individual perceptions of adolescent physical activity.*Accepted as an oral presentation at the annual Active Living Conference (ALC). Orlando, FL.
 |
| 1. \*Prochnow, T., & **Patterson, M. S.** (February 2-5, 2020). *Introduction to social network analysis in active living.* Accepted as a 3-hour workshop at the annual Active Living Conference (ALC). Orlando, FL.
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| 2019 |
| 1. Patterson, C. A., **Patterson, M. S.,** & Meyer, A. R. (October 17-19, 2019). College student sportsmanship pledges: Character cries from the stands? Selected as an oral presentation at the 2019 Baylor Symposium on Faith and Culture. Waco, Texas.
 |
| 1. **Patterson, M. S**., \*Prochnow, T., & \*Nelon, J. L. (June 18-23, 2019). Do egocentric network relationships impact whole network centrality? A case study using a college sorority. Selected as a poster presentation at the XXXIX Sunbelt Social Networks Conference. Montreal, Quebec.
 |
| 1. \*Prochnow, T., \*Delgado, H., **Patterson, M. S.,** & Umstattd Meyer, M. R. (June 4-7, 2019). Social network analysis in child physical activity and sedentary behavior research. Selected as an oral presentation at the International Society of Behavioral Nutrition and Physical Activity (ISBNPA) 2019 Meeting. Prague, Czech Republic.
 |
| 1. \*Russell, A. M., Barry, A. E., & **Patterson, M. S**. (May 28-June 1, 2019). Collegiate recovery communities: An assessment of services and strategies employed. Accepted as a poster presentation at the 2019 American College Health Association (ACHA) Meeting. Denver, CO.
 |
| 1. \*Prochnow, T., **Patterson, M. S.**, & Umstattd Meyer, M. R. (March 10-13, 2019). Modeling feelings of body dissatisfaction within a sorority using two different relationships. Accepted as a poster presentation at the 19th Annual American Academy of Health Behavior (AAHB) Meeting. Greenville, SC.
 |
| 1. **Patterson, M. S.,** Gagnon, L. R., \*Vukelich, A., \*Brown, S., & \*Nelon, J. L. (March 10-13, 2019). The impact of egonetworks and group exercise on state anxiety among college students. Accepted as a poster presentation at the 19th Annual American Academy of Health Behavior (AAHB) Meeting. Greenville, SC.
 |
| 1. **Patterson, M. S.,** \*Russell, A., \*Nelon, J. L., & Lanning, B. (March 10-13, 2019). Investigating the relationship between social structure and sobriety in a campus recovery program. Accepted as a poster presentation at the 19th Annual American Academy of Health Behavior (AAHB Meeting). Greenville, SC.
 |
| 1. \*Vukelich, A., **Patterson, M. S.,** Petty, A., Jackson, K. J., \*Gagnon, L., & \*Brown, S. (March 9-13, 2019). Holistic approaches to student well-being and success: A case study using on-campus group fitness programming. Selected as an oral presentation at the National Association of Student Personnel Administrators (NASPA) 101st Annual Conference. Los Angeles, CA.
 |
| 1. \*Nelon, J. L., Garney, W. R., Aparicio, E., **Patterson, M. S.,** Kachingwe, O., Wilson, K., & Garcia, K. (March 6-9, 2019). Utilization of Social Network Analysis to Understand Relationships in Program Measures for Youth who Experience Homelessness. Accepted as a poster presentation at the 2019 Annual Meeting of the Society for Adolescent Health and Medicine (SAHM). Washington DC.
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| 2018 |
| 1. \*Prochnow, T. & **Patterson, M. S.** (November 27-30, 2018). The impact of centrality on body dissatisfaction within a sorority using two network generators. Selected as an oral presentation at the 2nd Annual North American Social Networks (NASN) Conference. Washington DC.
 |
| 1. **Patterson, M. S.,** Lanning, B., \*Duval, A., Ylitalo, K., & Melton, K. (November 10-14, 2018). Hooking up experiences on a college campus. Accepted as a poster presentation at the American Public Health Association (APHA) 146th Annual Meeting. San Diego, CA.
 |
| 1. Wigfall, L. T., Sherman, L., Garney, W. R., **Patterson, M. S.,** Monitiel, F., & Vadaparampil, S. (October 3-5, 2018). Are providers missing clinical opportunities to promote HPV vaccination among smokers with children, adolescents, and young adults ≤ 26 years old living in their homes? Accepted as an oral presentation at the International Cancer Education Conference (ICEC). Atlanta, GA.
 |
| 1. **Patterson, M. S.** & Goodson, P. (March 4-7, 2018). Social network analysis for assessing college-aged adults’ health: A systematic review. Accepted as a poster presentation at the 18th Annual Meeting of the American Academy of Health Behavior (AAHB). Portland, OR.
 |
| 1. \*Gagnon, L. R. & **Patterson, M. S.** (March 4-7, 2018). An egocentric network analysis assessing group exercise membership and holistic health benefits among a sample of university employees: A pilot study. Accepted as a poster presentation at the 18th Annual Meeting of the American Academy of Health Behavior (AAHB). Portland, OR.
 |
| 1. \*Duval, A., **Patterson, M. S.,** Lanning, B., Ylitalo, K., & Melton, K. (March 4-7, 2018). Evaluating risk factors of sexual violence on a college campus. Accepted as a poster presentation at the 18th Annual Meeting of the American Academy of Health Behavior (AAHB). Portland, OR.
 |
| 1. \*Bridges C. N., Umstattd Meyer M. R., Wu C., \*McClendon M. E., **Patterson M. S.,** & Walsh S. (March 4-7, 2018). Implementation of the BearStand Behavioral Intervention: A Process Evaluation. Accepted as a poster presentation at the 18th Annual Meeting of the American Academy of Health Behavior. Portland, OR.
 |
| 1. \*Patterson, C. A. & **Patterson, M. S.** (February 15-17, 2018). Fostering student engagement and belonging through sport: Factors associated with student attendance at collegiate basketball games. Selected as a poster presentation at the Applied Sport Management Association Conference, Waco, TX.
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| 2017 |
| 1. **Patterson, M. S.,** Ettinger, L., & Gibson, C. (July 11-13, 2017). Using social network analysis to assess the importance of relationships in the success of students in recovery. Selected as an oral presentation at the 16th National Association of Recovery in Higher Education (ARHE) Conference. Washington DC.
 |
| 1. **Patterson, M. S.,** Goodson, P., & \*Gagnon, L. (March 19-22, 2017). The role of ego networks in compulsive exercise behavior among college women. Selected as a poster presentation at the American Academy of Health Behavior (AAHB) 17th Annual Meeting. Tuscon, AZ.
 |
| 1. **Patterson, M. S.,** Richardson, R., & Jackson, K. (March 11-15, 2017). Identifying areas of strength and weakness in campus programming, education, and training: A network analysis. Selected as an oral presentation at the National Association of Student Personnel Administrators (NASPA) 99th Annual Conference. San Antonio, TX.
 |
| 1. \*Roshak, J., \*Madsen, S., & **Patterson, M. S.** (March 11-15, 2017). Using social network analysis to evaluate and understand student success: A case study of students in recovery. Selected as an oral presentation at the National Association of Student Personnel Administrators (NASPA) 99th Annual Conference. San Antonio, TX.
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| 2016 |
| 1. Patterson, C. A. & **Patterson, M. S.** (February 21-24, 2016). Key factors associated with university students’ comfort in their recreational environment. Selected as a poster presentation at the American Academy of Health Behavior (AAHB) 16th Annual Meeting. Ponte Vedra Beach, FL.
 |
| 1. **Patterson, M. S.,** & Goodson, P. (February 21-24, 2016). Using social network analysis to better understand compulsive exercise among college women. Selected as a poster presentation at the American Academy of Health Behavior (AAHB) 16th Annual Meeting. Ponte Vedra Beach, FL.
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| 2015 |
| 1. \*Shaikh, H. M., **Patterson, M. S.,** Lanning, B., & Umstattd Meyer, M. R. (October 31-November 3, 2015). Predicting collegiate populations' campus recreation facility use through individual and environmental factors. Selected as a poster presentation at the American Public Health Association (APHA) 143rd Annual Meeting. Chicago, IL.
 |
| 1. **Patterson, M. S.,** Patterson C. A., \*Shaikh, H. M. (October 25-28, 2015). An investigation into the recreational environment on a college campus. Selected as an oral presentation at the National Intramural and Recreational Sports Association (NIRSA) Region IV Conference. Galveston, TX.
 |
| 1. **Patterson, M. S.,** Walsh, S. M., Umstattd Meyer, M. R., & Dillon, K. J. (March 14-18, 2015). Using canonical correlation analysis to investigate the relationship between social cognitive constructs and healthy eating and exercise behaviors of college students. Selected as a poster presentation at the American Academy of Health Behavior (AAHB) 15th Annual Meeting. San Antonio, TX
 |
| 1. Patterson, C. A., **Patterson, M. S.,** & Walsh, S. M. (March 14-18, 2015). An evaluation of the BearFit worksite wellness program. Selected as a poster presentation at the American Academy of Health Behavior (AAHB) 15th Annual Meeting. San Antonio, TX.
 |
| 1. Garney, W. R., McLeroy, K. R., **Patterson, M. S.,** Burdine, J. N., Alaniz, A., Catanach, C. J., & Young, A. A. (March 14-18, 2015). Sustainability assessed through a system’s perspective of bridging and bonding. Selected as a poster presentation at the American Academy of Health Behavior (AAHB) 15th Annual Meeting. San Antonio, TX.
 |
| 1. Umstattd Meyer M. R., Perry C. K., Sumrall J., Walsh S. M., **Patterson M. S.,** Clendennen S., Evenson K. R., Eyler A. A., Goins K. V., Heinrich K., Hooker S. P., Jones S., O’Hara Tompkins N., Schmid T., Tabak R., & Valko C. (February 22-25, 2015). Physical activity-related policy and environmental strategies to prevent obesity in rural communities: A systematic review. Accepted as a concurrent oral presentation at the 12th Active Living Research (ALR) Annual Conference: The Science of Policy Implementation, San Diego, CA.
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| 2014 |
| 1. Walsh, S.M., **Patterson, M.S.,** Umstattd Meyer, R.M., Dillon, K.A., & Limbers, C.A. (August 7-10, 2014). Correlates of physical activity self-regulation strategies among college students. Selected as a poster presentation at the 122nd Annual Convention of the American Psychological Association (APA), Washington, D.C.
 |
| 1. **Patterson, M. S.,** Umstattd Meyer, M. R., & Dillon, K. J. (March 16-19, 2014). Exercise self-efficacy of college students: Investigating environmental, behavioral and personal level correlates. Selected as a poster presentation at the American Academy of Health Behavior (AAHB) 14th Annual Meeting. Charleston, SC.
 |
| 1. **Patterson, M. S.** & Umstattd Meyer, M. R. (March 16-19, 2014). Structural validation of two social cognitive theory scales: A focus on self regulation and outcome expectations among hemodialysis patients. Selected as a poster presentation at the American Academy of Health Behavior (AAHB) 14th Annual Meeting. Charleston, SC.
 |
| 1. Umstattd Meyer, M. R., **Patterson, M. S.,** Janke, M., & Bowden, R. G. (March 16-19, 2014). Successful aging among end stage renal disease patients: Understanding factors related with social and community engagement. Selected as a poster presentation at the American Academy of Health Behavior (AAHB) 14th Annual Meeting. Charleston, SC.
 |
| 1. Garney, W. R., **Patterson, M. S.,** Wendel, M. L., & Cunningham, G. B. (March 16-19, 2014). A new option for physical activity: The geocaching for exercise and activity (GEAR) study. Selected as a poster presentation at the American Academy of Health Behavior (AAHB) 14th Annual Meeting. Charleston, SC
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| 2013 |
| 1. **Patterson, M. S.,** Amuta, A. O., McKyer, E. L. J., McWhinney, S., Tisone, C., & Outley, C. (November 2-6, 2013). Correlates of elementary students in rural, low-income school districts meeting physical activity recommendations: A social ecological approach. Selected as a poster presentation at the American Public Health Association (APHA) 141st Annual Meeting. Boston, MA.
 |
| 1. Umstattd Meyer, M. R., Sharkey, J. R., & **Patterson, M. S.** (July 16-18, 2013). Physical activity: What matters to mothers living along the Texas-Mexico border? Selected as an oral presentation at the United States – Mexico Border Obesity Prevention (BOP) Summit. McAllen, TX.
 |
| 1. **Patterson, M. S.** & Patterson, C. A. (June 12-15, 2013). An Evaluation of BearCycle: Baylor University’s Indoor Cycling Program. Selected as an oral presentation at the Christian Society for Kinesiology and Leisure Studies (CSKLS) Annual Conference. Waco, TX.
 |
| 1. Patterson, C. A. & **Patterson, M. S.** (June 12-15, 2013). An internal perspective of the Christian Leadership Institute. Selected as an oral presentation at the Christian Society for Kinesiology and Leisure Studies (CSKLS) Annual Conference. Waco, TX.
 |
| 1. Rose, T. A., Umstattd Meyer, M. R., **Patterson, M. S.,** & Doyle, E. (March 17-20, 2013). Understanding cholesterol screening behaviors in rural communities in Central Texas using the health belief model. Selected as a poster presentation at the American Academy of Health Behavior (AAHB) 13th Annual Meeting. Santa Fe, NM.
 |
| 1. Umstattd Meyer, M. R., Bowden, R. G., **Patterson, M. S.,** Fuhrmeister, M., Von Ahn, K., & Wilson, R. (March 17-20, 2013). Exercise self-efficacy for end-stage renal disease patients: An in-patient pilot study. Selected as a poster presentation at the American Academy of Health Behavior (AAHB) 13th Annual Meeting. Santa Fe, NM.
 |
| 1. **Patterson, M. S.** & Umstattd Meyer, M. R. (March 17-20, 2013). Structural validation of the Spinal Cord Injury Exercise Self Efficacy Scale (SCI-ESES) for use with hemodialysis patients. Selected as a poster presentation at the American Academy of Health Behavior (AAHB) 13th Annual Meeting. Santa Fe, NM.
 |
| 1. **Patterson, M. S.,** Umstattd Meyer, M. R., Beaujean, A. A., Bowden, R. G. (March 17-20, 2013). Using the Social Cognitive Theory to Understand Physical Activity Determinants among Dialysis Patients. Selected as a poster presentation at the American Academy of Health Behavior (AAHB) 13th Annual Meeting. Santa Fe, NM.
 |
| 1. **Patterson, M. S.** (February 5-9, 2013). “Corrected” versus “Uncorrected” Effect Sizes: An Introduction. Selected as an oral presentation at the 36th Annual Meeting of the Southwest Educational Research Association (SERA). San Antonio, TX.
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| 2012 |
| 1. **Patterson, M. S.,** Beville, J. M., & Umstattd Meyer, M. R. (March 18-21, 2012). Correlates of college women meeting strength training recommendations: Application of the Integrated Behavioral Model. Selected as a poster presentation at the American Academy of Health Behavior (AAHB) 12th Annual Meeting. Austin, TX.
 |
| 1. Rose, T. A., Umstattd Meyer, M. R., **Patterson, M. S.,** Dillon, K. J. (March 18-21, 2012). Using health behavior theory to explain Antiretroviral Therapy adherence in HIV/AIDS patients: A literature review. Selected as a poster presentation at the American Academy of Health Behavior (AAHB) 12th Annual Meeting. Austin, TX.
 |
| 1. Umstattd Meyer, M. R., Salazar, C. L., **Patterson, M. S.** (March 18-21, 2012). Physical activity availability, access, and transportation among Mexican-origin women in Texas border colonias. Selected as a poster presentation at the American Academy of Health Behavior (AAHB) 12th Annual Meeting. Austin, TX.
 |
| 1. Umstattd Meyer, M. R., **Patterson, M. S.,** Salazar, C. L., & Sharkey, J. R. (May 23-26, 2012). Physical activity options, locations, and transportation among Mexican-origin children in Texas border Colonias. Selected as a poster presentation at the 2012 Annual Conference of the International Society for Behavioral Nutrition and Physical Activity (ISBNPA). Austin, TX.
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| **TEACHING EXPERIENCE** |
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| Graduate Courses |
| **HLTH 690: *Special Topics: Social Network Analysis***Spring 2020 | **Texas A&M University**College Station, Texas |
| **HLTH 605: *Research Methods in Health***Fall 2020, Fall 2019, Fall 2018 | **Texas A&M University**College Station, Texas |
| **PUBH 5379: *Research Methods***Summer 2018, Summer 2017, Summer 2016 | **Baylor University**Waco, Texas |
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| Undergraduate Courses |
| **HLTH 331: *Community Health***Spring 2020, Spring 2019 | **Texas A&M University**College Station, Texas |
| **HLTH 440: *Contemporary Issues for Community Health Interns***Fall 2018 | **Texas A&M University**College Station, Texas |
| **PUBH 2331: *Health Concepts and Competencies***Fall 2017 | **Baylor University**Waco, Texas |
| **LDS 3304: *Health and Wellness Peer Leadership***Fall 2016, Fall 2015, Fall 2014, Fall 2013 | **Baylor University**Waco, Texas |
| **HLTH 342: *Human Sexuality (web-based)***Summer 2013, Spring 2013, Fall 2012 | **Texas A&M University**College Station, Texas |
| **HED 1145: *Health and Human Behavior***Spring 2012, Fall 2011, Spring 2011, Fall 2010 | **Baylor University**Waco, Texas |
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| **AWARDS AND HONORS** |
| 2019 | **Faculty Climate Award**Presented to a faculty member in the College of Education and Human Development at Texas A&M for their contribution to a positive workplace climate, advocacy for inclusive practices recognizing diversity, and promotion of equity across the College of Education and Human Development*Awarded by: College of Education and Human Development, Texas A&M University* |
| 2018 | **NIRSA Foundation President’s Award for Outstanding Writing**Recognizes one article per year published in the *Recreational Sports Journal* for outstanding writing each *Awarded by: National Intramural and Recreational Sports Association (NIRSA)*Article: Shaikh, H. M., Patterson, M. S., Lanning, B., Umstattd Meyer, M. R., & Patterson, C. A. (2018). Assessing college students' use of campus recreation facilities through individual and environmental factors. *Recreational Sports Journal*, *42*(2), 145-159. doi: 10.1123/rsj.2017-0033 |
| 2018 | **“To Light the Ways” Award For Contributions to the Profession**An award to recognize a Baylor Student Life Division staff member who has brought significant positive attention to Baylor through publications, presentations, and leadership in professional associations or someone who has introduced a new idea or concept that has moved the department or division forward. This individual is one who has helped light the way for others in the division and the student affairs profession in general*Awarded by: Division of Student Life, Baylor University* |
| 2015 | **Public Health Education and Health Promotion Student Research Award** Recognizes top student research presentations at the American Public Health Association’s annual meeting*Awarded by: American Public Health Association (APHA)*Presentation: Shaikh, H. M., Patterson, M. S., Lanning, B., & Umstattd Meyer, M. R. (October 31-November 3, 2015). Predicting collegiate populations' campus recreation facility use through individual and environmental factors. Selected as a poster presentation at the American Public Health Association (APHA) 143rd Annual Meeting. Chicago, IL. |
| 2015 | **Outstanding Student Life Work Team Award***Sexual Assault Advisory Committee* Recognizes a group of professionals doing outstanding work to improve the lives of Baylor students*Awarded by: Division of Student Life, Baylor University* |
| 2014 | **Outstanding Student Life Work Team Award***Assessment Committee* Recognizes a group of professionals doing outstanding work to improve the lives of Baylor students*Awarded by: Division of Student Life, Baylor University* |
| 2012 | **Outstanding MPH Student Award** Recognizes a graduating MPH student for their outstanding academic accomplishments *Awarded by: Department of Health, Human Performance, and Recreation, Baylor University* |
| 2012 | **Professional Poster of Distinction**Awarded to one of the top 3 highest scoring research poster presentations at the American Academy of Health Behavior’s annual meeting*Awarded by: American Academy of Health Behavior (AAHB)*Poster: Umstattd, M. R., Salazar, C. L., Patterson, M. S. (March 18-21, 2012). *Physical activity availability, access, and transportation among Mexican-origin women in Texas border Colonias* |
| **STUDENT ADVISING AND TRAINING** |
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| Doctoral Committees |
| **Christina Amo** | *Texas A&M University* | Chair | 2020 - present |
| **Rose Siuta** | *Texas A&M University* | External Member | 2020 - present |
| **Amanda Hubbard** | *Texas A&M University* | External Member | 2019 - present |
| **Patrice French** | *Texas A&M University* | External Member | 2019 - present |
| **Michelle Strong** | *Texas A&M University* | Member | 2019 - present |
| **Taylor Graves Boswell** | *Texas A&M University* | Chair | 2019 - present |
| **Qian Ji** | *Texas A&M University* | Member | 2019 - present |
| **Mandy Spadine** | *Texas A&M University* | Chair | 2018 - present |
| **Jordan Nelon** | *Texas A&M University* | Co-Chair | 2018 - 2020 |
| **Tyler Prochnow** | *Baylor University* | External Member | 2018 - present |
| **Kristie Primm** | *Texas A&M University* | Member | 2018 - 2020 |
| **Shelby Lautner** | *Texas A&M University* | Member | 2018 - 2020 |
| **Christina Sumners** | *Texas A&M University* | External Member | 2018 - present |
| **Alex Russell** | *Texas A&M University* | Member | 2018 - 2020 |
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| Masters Committees |
| **Karley-Ann Spillers** | *Texas A&M University* | Chair | 2020 - present |
| **Hannah Sosa** | *Texas A&M University* | Chair | 2020 - present |
| **Sydney Brown** | *Texas A&M University* | Chair | 2018 - 2020 |
| **Alyssa Vukelich** | *Baylor University* | External Member | 2017 - 2019 |
| **Leah Gagnon** | *Baylor University* | Chair | 2016 - 2018 |
| **Sarah Madsen** | *Baylor University* | Chair | 2015 - 2017 |
| **Alicia Duval** | *Baylor University* | Member | 2014 - 2016 |
| **Hassan Shaikh** | *Baylor University* | Member | 2013 - 2015 |
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| **STUDENT AWARDS AND HONORS** |
| **Taylor Graves Boswell – Dean’s Graduate Award**Role: Chair $4,000 awarded to first-year doctoral student to pursue research opportunities*College of Education and Human Development**Texas A&M University* | 2020 |
| **Tyler Prochnow – Students Who Rocked Public Health 2019** Role: MentorHonors graduate students conducting research that is making an impact on the field of public health*Journal of Public Health Management and Practice* | 2020 |
| **Mandy Spadine – Dean’s Graduate Award**Role: Chair $4,000 awarded to first-year doctoral student to pursue research opportunities*College of Education and Human Development**Texas A&M University* | 2019 |
| **Kyndall Foust – Aggie Spirit Award**Role: Professor Honors an undergraduate student who has demonstrated courage and determination during their time at Texas A&M University*Texas A&M University* | 2019 |
| **Leah Gagnon – Outstanding Student Poster**Role: MentorHighest presentation award to a student at the American Academy of Health Behavior annual conference.Poster: Gagnon, L. & Patterson, M. S. (March 4-7, 2018). *An egocentric network analysis assessing group exercise membership and holistic health benefits among a sample of university employees: A pilot study* | 2018 |
| **Leah Gagnon – Outstanding Graduate Assistant in Student Life**Role: Supervisor and ChairHonors outstanding work from a graduate student working in the Division of Student Life during their graduate degree*Baylor University* | 2018 |
| **Sarah Madsen – Outstanding Graduate Assistant in Student Life**Role: Supervisor and ChairHonors outstanding work from a graduate student working in the Division of Student Life during their graduate degree*Baylor University* | 2017 |
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| **SERVICE** |
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| National Service/Service to the Field |
| 2020 - present | **Research Review Chair***, American Academy of Health Behavior (AAHB)* |
| 2020 - present | **Baylor University Public Health Advisory Board** |
| 2019 - present | **Code of Conduct Ad-Hoc Committee,** *American Academy of Health Behavior (AAHB)* |
| 2016 | **Awards Selection Committee,** *Student Affairs Administrators in Higher Education (NASPA)* |
| 2015 - present | **Manuscript Reviewer***American Journal of Health Promotion**Appetite Journal**BMJ Open**Clinical Psychology**Family and Community Health**Health Education and Behavior**Journal of American College Health**Journal of Child Health Care**Journal of Sport and Exercise Psychology* |
| 2012 - present | **Conference Abstract Reviewer***American Academy of Health Behavior (AAHB)**Southwestern Education Research Association (SERA)* |
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| Local/University Service |
| **Departmental/Divisional Committees – Texas A&M University** |
| 2019 - present2019 - present2019 - present2019 - present2019 - present2019 | *Graduate Student Professional Development and Travel Funding Selection Committee**Master in Health Education Assessment Committee**Honors Program Development Committee**Climate and Diversity Committee**PhD In Health Education Student Award Selection Committee**American Kinesiology Association Awards Selection Ad-Hoc Committee* |
| **University-Wide Committees – Texas A&M University**  |  |
| 2018 - present2013 - 2015 | *Aggies in Recovery Board of Directors**POWER Writing Support Services* |  |
| **Professional Hiring Committees** |  |
| 2020201820182016201620152011 | Member: Assistant Professor in Health Education (Texas A&M University)Chair: Wellness Prevention and Outreach Coordinator (Baylor University)Member: Recovery Support Coordinator (Baylor University)Member: Coordinator of New Student Programs (Baylor University)Member: Four Staff Psychologist Positions (Baylor University)Member: Psychiatric Nurse Practitioner (Baylor University)Graduate Student Member: Intramural Sports Coordinator (Baylor University) |
| **Departmental/Divisional Committees – Baylor University** |  |
| 2015 - 20182014 - 2018 | *Health, Equanimity, and Wellness Team**Student Life Assessment Committee* |
| **University-Wide Committees – Baylor University** |  |
| 2017 - 20182016 - 20182013 - 20182013 - 20152013 - 20152013 - 2014 | *Green-Dot Power-Based Violence Prevention Team**Title IX Training, Education, and Communication Task Force**Sexual Assault Prevention Advisory Board**Alcohol Awareness Advisory Board**Body IQ Work Team**Tobacco-Free, Smoke-Free Campus Committee* |
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| **PROFESSIONAL AFFILIATIONS** |
| 2019 - present | **Society of Behavioral Medicine** |
| 2018 - present | **International Network for Social Network Analysis (INSNA)** |
| 2015 - present | **American Academy of Health Behavior (AAHB)** |
| 2015 - 2017 | **Student Affairs Administrators in Higher Education (NASPA)** |
| 2013 - 2015 | **Text and Academic Authors Association (TAA)** |
| 2012 - 2013 | **Southwest Educational Research Association (SERA)** |
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| **CERTIFICATIONS** |
| 2018 - present | **Schwinn Indoor Cycling MPOWER with POWER** **Certification***Core Health & Fitness, LLC* |
| 2018 - present | **Certified Group Fitness Instructor***Athletics and Fitness Association of America* |
| 2017 - present | **Green Dot Power-Based Violence Prevention Educator** |
| 2010 - present | **CPR/First Aid Certified***American Red Cross* |
| 2009 - present | **Certified Indoor Cycling Instructor***Cyclistics, Inc* |
| **PROFESSIONAL DEVELOPMENT** |
| **STRIDE Workshop** | *Texas A&M University* | 2020 |
| **Network Analysis Method Selection and Adaptation** | *International Network of Social Network Analysis Annual Sunbelt Conference Workshop* | 2020 |
| **The Magic of Pre/Post & Longitudinal Data Analysis Webinar** | *StatsWhisperer* | 2020 |
| **Write Winning NIH Grant Proposals** | *John D. Robertson Grant Writers’ Seminar* | 2019 |
| **Introduction to SNA descriptive statistics and hypothesis testing using R/statnet** | *International Network of Social Network Analysis Annual Sunbelt Conference Workshop* | 2019 |
| **Moving Beyond Descriptives: Basic Network Statistics with R/statnet** | *International Network of Social Network Analysis Annual Sunbelt Conference Workshop* | 2019 |
| **Introduction to ERGMs using statnet** | *International Network of Social Network Analysis Annual Sunbelt Conference Workshop* | 2019 |
| **Introduction to Modeling Temporal (dynamic) Networks using TERGMs in statnet** | *International Network of Social Network Analysis Annual Sunbelt Conference Workshop* | 2019 |
| **Roadmap Workshop for a Successful Academic Career** | *Texas A&M University**Dean of Faculties* | 2019 |
| **Teaching with Technology Lunch Series** | *Texas A&M University**Instructional Technology Services* | 2019 |
| **Research Scholars Mentorship Program** | *American Academy of Health Behavior* | 2019 |
| **ASPEN Platform Workshop – SNA Data Collection Tools for Ego-Centric and Whole Network Analysis** | *North American Social Networks Conference Workshop* | 2018 |
| **EgoWeb 2.0: Flexible and User Friendly Social Network Data Collection Software Training** | *North American Social Networks Conference Workshop* | 2018 |
| **AnyLogic Multimethods Modeling Training**  | *AnyLogic* | 2018 |
| **Crucial Conversations Workshop** | *Baylor University* | 2017 |
| **Green Dot Power-Based Violence Prevention Training** | *Green Dot Institute* | 2017 |
| **Undoing Racism Workshop** | *The People’s Institute for Survival and Beyond* | 2015 |
| **LINKS Social Network Analysis Workshop** | *University of Kentucky* | 2015 |
| **Social and Economic Network Analysis Online Course** | *Stanford University**coursera.com* | 2013 |