

# MEGAN STIEFEL PATTERSON

Curriculum Vitae

Updated: September 24, 2024

1266 TAMU  
College Station, Texas 77843

979.436.9767  
[megpatterson@tamu.edu](mailto:megpatterson@tamu.edu)

---

## 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 connections, positions, and networks relative to the health and well-being of individuals and communities.

---

## EDUCATION

---

- 2016     **Doctor of Philosophy**, Health Education, *Texas A&M University, College Station, Texas*
- 2012     **Master of Public Health**, Community Health, *Baylor University, Waco, Texas*
- 2009     **Bachelor of Arts**, Psychology, *Baylor University, Waco, Texas*

---

## 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 Behavior; 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
- 2012 - 2013        **Graduate Teaching Assistant**, *Texas A&M University*  
Taught online undergraduate-level health courses

---

**PEER-REVIEWED JOURNAL ARTICLES**

---

**89 manuscripts published or in press**

61 (69%) first authored ( $n=22$ ) or student first authored ( $n=39$ )

68 (76%) include student authors; \*indicates student authorship

57 (64%) use social network analysis

[Google Scholar Profile](#)

89. \*Park, J-H., Prochnow, T., \*Flores, S., \*Jackson, D., **Patterson, M. S.**, & Umstattd Meyer M. R. (in-press). Have I seen you here before? Social network and physical activity implications of previous participation in a summer care program. *Child & Youth Services*. DOI: 10.1080/0145935X.2024.2384093
88. Prochnow, T., \*Jackson, D., \*Curran L. S., \*Park, J-H., **Patterson M. S.**, & Valois R. F. (In Press). Process Evaluation of a Pilot Physical Activity and Social-Emotional Learning Curriculum Implemented in a Summer Care Program for Child and Adolescent Girls. *Health Behavior Research*.
87. Prochnow, T. & **Patterson, M. S.** (2024). It's not just a game: Social networks, isolation and mental health in online gamers. *Journal of Public Mental Health*, 23(2), 140-153. DOI: 10.1108/JPMH-11-2023-0099
86. Lanning, B. A., **Patterson, M. S.**, \*Henry, S., & \*Graves-Boswell, T. (2024). Assessment of university policies for service and emotional support animals. *Journal of American College Health*, 72(2), 383-389. DOI: 10.1080/07448481.2022.2035735
85. \*Baharuddin, I. H., Ismail, N., Naing, N. N., Ibrahim, K., Yasin, S. M., & **Patterson, M. S.** (2024). Content and face validity of Workplace Covid-19 Knowledge & Stigma Scale (WoCKSS). *BMC Public Health*, 24(874). DOI: 10.1186/s12889-023-17614-3
84. \*Jackson D., **Patterson M. S.**, Umstattd Meyer M.R., & Prochnow T. (in press) Identifying social network characteristics associated with adolescent physical activity skill competency at a summer care program. *Health Promotion Practice*. DOI: 10.1177/15248399241237961
83. \*Amo, C., \*Nabil, A. K., **Patterson, M. S.** (in press). An Egocentric Network Analysis of U.S. College Students' Recollection of Mental Health Symptoms and Social Connections During the COVID-19 Pandemic. *Journal of American College Health*. DOI: 10.1080/07448481.2023.2286469
82. Prochnow T., **Patterson M. S.**, \*Amo C., \*Curran L., \*Francis A. N., & Green E. (2023) Cultivating an active living plan through a social ecological evaluation. *Family & Community Health*, 46(4), 229-241. DOI: 10.1097/FCH.0000000000000368
81. \*Du, W., \*Lee, H., Broderick, N. A., \*Cervantes Aldana, C., Estrada, M., Handelman, J., \*Maldonado, N., Miller, S., **Patterson, M. S.**, Sandoval, P., & Hernandez, P. R. (2023). Amplifying

Similarity to Promote College STEM Instructor-Student Mentoring Relationship Quality: A Cluster Randomized Trial. *Frontiers Education*, 8. DOI: 10.3389/educ.2023.1293885

80. Sherman, L.D., Cisneros-Franco, C. L., Prochnow, T., **Patterson, M. S.**, Johannes, B.L., \*Alexander-Bady, J., Merianos, A.L., Bergeron, C.D., Smith, M.L. (2023). Personal agency and social supports to manage health among non-Hispanic Black and Hispanic men with diabetes. *American Journal of Men's Health*.
79. Kwok, A., **Patterson, M. S.**, Suarez, M. I., Huston, D., & Mitchell, D. (2023). Rate Your Coach: Exploring Ratings of Coaching Skills Throughout Teacher Induction. *Teachers and Teaching*, 30(5), 563-584. DOI: 10.1080/13540602.2023.2265823
78. Prochnow, T., \*Park J-H., & **Patterson M.S.** (in press). Intramural sports social networks and implications for college student physical activity, sense of community, and retention. *Journal of American College Health*. DOI: 10.1080/07448481.2023.2239367
77. Seguin-Fowler, R. A., Demment, M., Folta, S. C., Graham, M., Maddock, J. E., & **Patterson, M. S.** (2023). Lessons learned from Principal Investigators on recruitment for community-based, health behavior studies during the COVID-19 pandemic. *Journal of Clinical Trials*, 10(3), 254-258. DOI: 10.18203/2349-3259.ijct20232199
76. **Patterson, M. S.**, \*Francis, A. N., Prochnow, T., & Gagnon, L. (in press). I'll be there for you: The effects of exercise engagement on social support provision within undergraduate students' personal networks. *Journal of American College Health*. epub ahead of print. DOI: 10.1080/07448481.2023.2227730
75. **Patterson, M. S.**, \*Spadine, M. S., \*Francis, A. N., & Prochow, T. (in press). The way you make me feel: A network analysis of social ties that could exacerbate compulsive exercise among sorority women. *Mental Health and Social Inclusion*. DOI: 10.1108/MHSI-01-2023-0004
74. Hernandez, P. R., **Patterson, M. S.**, \*Nyanamba, J. M., Adams, A., Barnes, R., Bloodhart, B., Burt, M., Clinton, S., Pollack, I., & Fischer, E. V. (2023). Webs of Science: Mentor networks influence women's integration into STEM fields. *Frontiers in Ecology and the Environment*, 21(9), 404-410. DOI: 10.1002/fee.2666
73. Prochnow T., \*Curran L., \*Amo C. & **Patterson M. S.** (2023). Bridging the built and social environments: a systematic review of studies investigating influences on physical activity. *Journal of Physical Activity & Health*, 20(5), 438-459. DOI: 10.1123/jpah.2022-0403
72. \*Prochnow, T., **Patterson, M. S.**, \*Hartnell, L., West, G., & Umstatted Meyer, M. R. (2023). Online gaming network communication dynamics, depressive symptoms, and social support: Longitudinal network analysis. *Sociological Focus*, 56(4). DOI: 10.1080/00380237.2023.2199171
71. Valdez, D. & **Patterson, M. S.** (2022). Computational analyses identify addiction help-seeking behaviors on social networking website Reddit: Insights into online social interactions and addiction support communities. *Plos Digital Health*, 1(11), e0000143. DOI: 10.1371/journal.pdig.0000143

70. **Patterson, M. S.**, \*Spadine, M. S., \*Amo, C., Prochnow, T., \*Graves-Boswell, T., Francis, A. N., \*Russell, A. M., & Heinrich, K. M. (2022). Exercise in the treatment of addiction: A systematic literature review. *Health Education & Behavior*, 49(5), 801-819. DOI: 10.1177/10901981221090155
69. **Patterson, M. S.** \*Amo, C., Prochnow, T., & Heinrich, K. M. (2022). Exploring social networks relative to various types of exercise self-efficacy within CrossFit participants. *International Journal of Sport and Exercise Psychology*, 20(6), 1691-1710. DOI: 10.1080/1612197X.2021.1987961
68. \*Russell, A. M., Barry A. E., & **Patterson, M. S.** (2022). Strategies for measuring peer alcohol use within egocentric network analysis. *Journal of American College Health*. epub ahead of print. DOI: 10.1080/07448481.2021.1965144
67. **Patterson, M. S.**, \*Prochnow, T., \*Nelson, J. L., \*Spadine, M. N., \*Brown, S. E., & Lanning, B. A. (2022). Egocentric network composition and structure relative to violence victimization among a sample of college students. *Journal of American College Health*, 70(7), 2017-2025. DOI: 10.1080/07448481.2020.1841777
66. Straw, C. M., McCullough, B. P., Segars, C., Daher, C., & **Patterson, M. S.** (2022). Reimagining sustainable public spaces of the future: A framework for convergent science-stakeholder decision making. *Circular Economy and Sustainability*, 2, 1267-1277. DOI: 10.1007/s43615-021-00115-z
65. \*Prochnow T., **Patterson M. S.**, \*Bridges Hamilton C. N., Craig S., & Umstattd Meyer M. R. (2022). Summer friends and physical activity: Social network effects on child self-reported physical activity at summer care programs. *Health Education and Behavior*, 49(5), 770-779. DOI: 10.1177/10901981221076399
64. **Patterson, M. S.**, \*Amo, C., \*Francis, A. N., Heinrich, K. M., Prochnow, T., \*Hunyadi, J., & \*Miller, S. (2022). The importance of social connections in combating compulsive exercise among group-exercise participants: A network analysis. *Mental Health & Social Inclusion*, 26(4), 406-417. DOI: 10.1108/MHSI-03-2022-0016
63. Prochnow, T., **Patterson, M. S.**, Umstattd Meyer, M. R., Lightner, J., Gomez, L., & Sharkey, J. (2022). Conducting physical activity research among racially and ethnically diverse adolescents using social network analysis: Case studies for practical use. *International Journal of Environmental Research and Public Health*, 19(11545). DOI: <https://doi.org/10.3390/ijerph191811545>
62. \*Prochnow, T., Oglesby, L., **Patterson, M. S.**, & Umstattd Meyer, M. R. (2022). Perceived burnout and coping strategies among fitness instructors: A mixed methods approach. *Managing Sport and Leisure*. 27(5), 484-498. DOI: 10.1080/23750472.2020.1825986
61. Seguin-Fowler, R. A., Hanson, K. L., Villarreal., D., Rethorst, C. D., Ayine, P., Folta, S. C., Maddock, J. E., **Patterson, M. S.**, Marshall, G. A., Volpe, L. C., Eldridge, G. D., Kershaw, M., Luong, V., Wang, H., & Kenkel, D. (2022). Evaluation of a civic engagement approach to catalyze built

environment change and promote healthy eating and physical activity among rural residents: A cluster (community) randomized controlled trial. *BMC Public Health*, 22(1674). DOI: <https://doi.org/10.1186/s12889-022-13653-4>

60. **Patterson, M. S.**, \*Prochnow, T., \*Russell, A. M., Barry, A. E., & Fehr, S. K. (2022). Associations between sexual violence victimization and risky drinking within college women's personal networks. *Violence Against Women*, 28(11), 2603-2623. DOI: 10.1177/10778012221077128
59. \*Prochnow T., **Patterson M. S.**, Meyer A. R., & Umstattd Meyer M. R. (2022). Sport participation associations with child friend selection and physical activity while at summer care programs. *Research Quarterly for Exercise and Sport*, 93(3), 479-487. DOI: 10.1080/02701367.2020.1864261
58. \*Spadine, M. N. & **Patterson, M. S.** (2022). Social influence on fad diet use: A systematic literature review. *Nutrition and Health*, 28(3), 369-388. DOI: 10.1177/02601060211072370
57. Heinrich, K. M., \*Kurtz, B., **Patterson, M. S.**, Crawford, D., & Barry, A. E. (2022). Improving participation rates in exercise studies: A case study examining sense of community in a high intensity functional training intervention. *Health Behavior Research*, 5(3). DOI: 10.4148/2472-1836.1124
56. \*Prochnow, T., Umstattd Meyer, M. R., & **Patterson, M. S.** (2022). COVID and the club: Conversations with Boys & Girls Club leaders on providing services during the COVID-19 pandemic. *Journal of Children's Services*, 17(2), 127-136. DOI: 10.1108/JCS-10-2021-0039
55. \*Prochnow, T., Lightner, J., **Patterson, M. S.**, Shank, J., & McBain, R. (2022). A longitudinal model of communication networks among HIV service providers in a Ryan White system. *Journal of Interprofessional Education & Practice*, 27(June 2022), 100514. DOI: 10.1016/j.xjep.2022.100514
54. Prochnow, T., \*Amo, C., **Patterson, M. S.**, & Heinrich, K. M. (2022). I CrossFit; Do you? Cross-Sectional Peer Similarity of Physical Activity Behavior in a Group High Intensity Functional Training Setting. *International Journal of Environmental Research and Public Health*, 19(9), 4932. DOI: 10.3390/ijerph19094932
53. \*Spadine, M. N., **Patterson, M. S.**, \*Brown, S. E., \*Nelson, J. L., Lanning, B., Johnson, D. M. (2022). Predicting emotional abuse among a sample of college students. *Journal of American College Health*, 70(1), 256-264. DOI: 10.1080/07448481.2020.1740709
52. Prochnow, T. & **Patterson, M. S.** (2022). Assessing social network influences on adult physical activity using social network analysis: A systematic review. *American Journal of Health Promotion*, 36(3), 537-558. DOI: 10.1177/08901171211060701
51. \*Prochnow, T., Umstattd Meyer, M. R., **Patterson, M. S.**, Meyer, A. R., Talbert, T., & Sharkey, J. (2022). Active play social network change for Mexican-heritage children participating in a father-focused health program. *American Journal of Health Education*, 53(2), 115-125. DOI: 10.1080/19325037.2021.2020184

50. \*Prochnow, T., Umstatted Meyer, M. R., **Patterson, M. S.**, Meyer, A. R., Talbert, T., & Sharkey, J. (2022). Qué está haciendo papá? Changes in activation of Mexican-heritage fathers' physical activity social networks in response to a father-focused health program. *Family and Community Health*, 45(2), 115-124. DOI: 10.1097/FCH.0000000000000319
49. \*Panjwani, S., Garney, W. R., **Patterson, M. S.**, Ajayi, K., Fore, S., & Lang, L. (2021). Network analysis of a community-wide teen pregnancy prevention initiative. *Health Education Research*, 36(5), 518-529. DOI: 10.1093/her/cyab031
48. Kwok, A., Rios, A., \*Keese, J., Suarez, M., \*Woorley, C., **Patterson, M. S.**, Mitchell, D., & Huston, D. (2021). Match games: Exploring the match between novice teachers and induction coaches. *Teachers and Teaching: Theory and Practice*, 27(1-4), 246-268. DOI: 10.1080/13540602.2021.1939003
47. **Patterson, M. S.**, \*Russell, A. M., \*Nelson, J. L., Barry, A. E., & Lanning, B. A. (2021). Using social network analysis to understand sobriety among a campus recovery community. *Journal of Student Affairs Research & Practice*, 58(4), 401-416. DOI: 10.1080/19496591.2020.1713142
46. \*Prochnow T., **Patterson M. S.**, \*Bridges Hamilton C. N., \*Delgado H., Craig S., & Umstatted Meyer M. R. (2021). Sex differences in play networks and self-reported physical activity among adolescents at summer care programs. *Child and Youth Services*, 42(2), 136-149. DOI: 10.1080/0145935X.2021.1926228
45. **Patterson, M. S.**, \*Gagnon, L. R., \*Vukelich, A., \*Brown, S. E., \*Nelson, J. L., & \*Prochnow, T. (2021). Social networks, group exercise, and anxiety among college students. *Journal of American College Health*, 69(4), 361-369. DOI: 10.1080/07448481.2019.1679150
44. \*Nelson, J. L., \*Spadine, M., **Patterson, M. S.**, \*Brown, S., \*Bookout, C., \*Woods, L., & Fehr, S. K. (2021). An observation analysis of 'me too' narratives from YouTube. *Health Behavior Research*, 4(2). DOI: 10.4148/2572-1836.1088
43. Valdez, D., **Patterson, M. S.**, & \*Prochnow, T. (2021). The importance of integrating theoretical frameworks in social media mining: An exploratory approach between computer informatics and social network analysis (SNA). *Health Behavior Research*, 4(2). DOI: 10.4148/2572-1836.1098
42. \*Prochnow, T., **Patterson, M. S.**, \*Bridges Hamilton, C., \*Delgado, H., Craig, S., & Umstatted Meyer, M. R. (2021). Network autocorrelation of perceived physical activity skill competence among adolescents at a summer care program. *American Journal of Health Promotion*, 35(3), 430-433. DOI: 10.1177/0890117120958544
41. \*Prochnow, T., \*Hartnell, L., & **Patterson, M. S.** (2021). Depressive symptoms, developing friendships, and social support through online gaming: A mixed-method analysis of online gaming network communication. *Mental Health & Social Inclusion*, 25(3), 243-253. DOI: 10.1108/MHSI-02-2021-0011
40. \*Lautner, S. C., **Patterson, M. S.**, \*Spadine, M. N., \*Graves-Boswell, T., & Heinrich, K. (2021). Exploring the social side of CrossFit: A qualitative study. *Mental Health and Social Inclusion*, 25(1), 63-75. DOI: 10.1108/MHSI-08-2020-0051

39. \*Prochnow, T., **Patterson, M. S.**, \*Hartnell, L., West, G., & Umstattd Meyer, M. R. (2021). Implications of race and ethnicity for child physical activity and social connections at summer care programs. *Children and Youth Services Review*, 172, 106108. DOI: 10.1016/j.chilyouth.2021.106108
38. \*Nelton, J. L., \*Moscarelli, M., \*Stupka, P., \*Sumner, C., \*Uselton, T., & **Patterson, M. S.** (2021). Does scientific publication inform public discourse? A case study observing social media engagement around vaccinations. *Health Promotion Practice*, 22(3), 377-384. DOI: 10.1177/1524839919899925
37. \*Prochnow T., Umstattd Meyer M. R., **Patterson M. S.**, Gomez L., Trost S., & Sharkey J. (2021). Active play network influences on physical activity among children living in south Texas colonias. *Family & Community Health*, 44(3), 154-161. DOI: 10.1097/fch.0000000000000296
36. Patterson, C. A., Zimmer, W. K., **Patterson, M. S.**, & Meyer, A. R. (2021). 'I thee pledge': Exploring student fan identity with sportsmanship pledge values. *International Journal of Sport and Society*, 12(1), 175-189. DOI: 10.18848/2152-7857/CGP/V12i01/175-189
35. \*Prochnow, T., **Patterson, M. S.**, Umstattd Meyer, M. R. (2021). A social network approach to analyzing body dissatisfaction among sorority members using two network generators. *Journal of American College Health*, 69(2), 159-167. DOI: 10.1080/07448481.2019.1657121
34. **Patterson, M. S.**, \*Nelton, J. L., Lemke, M. K., Sonmez, S., Hege, A., & Apostolopoulos, A. (2021). Exploring the role of social network structure in disease risk among U.S. long-haul truck drivers in urban areas. *American Journal of Health Behavior*, 45(1), 174-185. DOI: doi.org/10.5993/AJHB.45.1.14
33. \*Russell, A.M., **Patterson, M.S.**, & Barry, A.E. (2021). College students' perceptions of peer alcohol use: a social network analytic approach. *Substance Use and Misuse*, 56(1), 46-53. DOI: 10.1080/10826084.2020.1833929
32. \*Prochnow, T., **Patterson, M. S.**, & Umstattd Meyer, M. R. (2020) A social network analysis approach to group and individual perceptions of child physical activity. *Health Education Research*, 35(6), 564-573. DOI: 10.1093/her/cyaa035
31. \*Prochnow, T., Umstattd Meyer, M. R., **Patterson, M. S.**, McClendon, M., Gomez, L., Trost, S., & Sharkey, J. (2020). Papás Activos: Associations between physical activity, sedentary behavior and personal networks among fathers living in Texas colonias. *International Journal of Environmental Research and Public Health*, 17(24), 9243. DOI: 10.3390/ijerph17249243
30. **Patterson, M. S.**, Heinrich, K. M., \*Prochnow, T., Graves-Boswell, T., & \*Spadine, M.N. (2020). 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*, 17, 8370. DOI: 10.3390/ijerph17228370

29. \*Russell, A. M., Barry A. E., & **Patterson, M. S.** (2020). A comparison of global and egocentric network approaches for assessing peer alcohol use among college students in the United States. *Drug and Alcohol Review, 39*, 984-993. DOI: 10.1111/dar.13140
28. \*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
27. \*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
26. \*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
25. **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
24. **Patterson, M. S.**, \*Gagnon, L. R., \*Nelton, 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
23. \*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
22. \*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
21. **Patterson, M. S.**, \*Prochnow, T., Richardson, R. G., Jackson, K. P. (2020). Using social network analysis to conduct a system-wide program evaluation within a university. *Evaluation and Program Planning, 79*. DOI: 10.1016/j.evalprogplan.2020.101783
20. 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
19. \*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
18. 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

17. 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
16. \*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
15. **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
14. **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
13. 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
12. \*Nelton, 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
11. **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
10. \*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
9. **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
8. 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

7. **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
6. 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., Eyer 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
5. 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
4. **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
3. **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
2. **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
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

---

## BOOK CHAPTERS

---

1. **Patterson, M. S.**, Lemke, M. K., & Nelson, 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, 19-31 DOI: 10.1093/oso/9780190880743.003.0002

---

## CURRENT FUNDING AND RESEARCH SUPPORT

---

### External Grants

R01GM151509-01A1

*Biomedical Engineering Social Networks*

**Funder:** National Institute of General Medical Sciences, National Institutes of Health

**Role:** Co-Principal Investigator

**Funding Period:** August 2024-June 2029

**Total Funding:** 1,857,337 (all to TAMU)

R21MD019048

*Making the Connection: Understanding the dynamic social connections impacting type 2 diabetes management among Black/African American men*

**Funder:** National Institute of Minority Health and Health Disparities, National Institutes of Health

**Role:** Co-Investigator

**PI:** Dr. Tyler Prochnow

**Funding Period:** September 2023-August 2025

**Total Awards Funded:** \$419,375 (all to TAMU)

*Healthy Military Families Outdoors*

**Funder:** US Department of the Interior – National Park Service (contract with Blue Star Families)

**Role:** Co-Investigator

**PI:** Dr. Jay Maddock

**Funding Period:** October 2022-December 2024

**Total Funding:** \$587,500 (all to TAMU)

5R01CA230738-03

*Evaluation of a Civic Engagement Approach to Catalyze Built Environment Change and Promote Healthy Eating and Physical Activity Among Rural Residents*

**Funder:** National Cancer Institute, National Institutes of Health

**Role:** Co-Investigator

**PI:** Dr. Rebecca Seguin Fowler

**Funding Period:** July 2021-June 2025

**Total Awards Funded:** \$2,826,537 (\$1,777,833 awarded to TAMU)

NSF 2013333

*Collaborative Research: PROMoting Geoscience Research Education and Success (PROGRESS)*

**Funder:** National Science Foundation

**Role:** Co-Principal Investigator

**PIs:** Dr. Emily Fischer & Dr. Paul Hernandez

**Funding Period:** October 2020-September 2025

**Total Awards Funded:** \$1,231,725 (\$779,060 awarded to TAMU)

1U01GM132174-01

*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

**PIs:** Dr. Mica Estrada & Dr. Paul Hernandez

**Funding Period:** June 2019-May 2025

**Total Funds Awarded:** \$3,423,913 (\$491,846 awarded to TAMU)

## Internal Grants

---

*Workout together, recover together: Testing social connections created within group-fitness programs relative to addiction recovery*

**Funder:** Texas A&M Health Science Center Seedling Grant Program

**Role:** Principal Investigator

**Funding Period:** January 2023-December 2024

**Total Funds Awarded:** \$100,000 (all to TAMU)

*If I play, will you? Pilot feasibility of a social network informed summer physical activity program for adolescent girls*

**Funder:** Texas A&M Health Science Center Seedling Grant Program

**Role:** Co-Investigator

**PI:** Dr. Tyler Prochnow

**Funding Period:** January 2023-December 2023

**Total Funds Awarded:** \$90,000 (all to TAMU)

---

## COMPLETED FUNDING AND RESEARCH SUPPORT

---

### External Grants

---

*Waco-McLennan County Active Living Plan*

**Funder:** Waco McLennan County Health District via the Texas Department of State Health Services: Texas Healthy Communities Initiative

**Role:** Co-Principal Investigator

**PI:** Dr. Tyler Prochnow

**Funding Period:** September 2021-August 2022

**Total Awards Funded:** \$58,279 (all to TAMU)

*Texas A&M University Student ACE, Campus Victim Assistance Program: College Campus Initiative*

**Funder:** State of Texas Office of the Governor, Public Safety Office, Criminal Justice Division

**Role:** Co-Principal Investigator

**Funding Period:** September 2020-August 2022

**Total Funds Awarded:** \$449,144 (all to TAMU)

*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 (all to TAMU)

### Internal Grants

---

*Physical and Social Environments that Optimize Children's Health and Well-Being: A Multimethod Study*

**Funder:** Texas A&M University President's Excellence Fund

**Role:** Principal Investigator

**Funding Period:** January 2021-December 2021

**Total Funds Awarded:** \$30,000 (all to TAMU)

*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:** June 2020-May 2021

**Total Funds Awarded:** \$30,000 (all to TAMU)

*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

**PI:** Dr. Dongying Li

**Funding Period:** January 2020-December 2020

**Total Funds Awarded:** \$20,000 (all to TAMU)

*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 (all to BU)

## 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 (all to BU)

*F45 Fitness Program – Baylor University*

**Sponsor:** F45 Training, Inc.

**Date:** December 2016

**Total Funds Gifted:** \$45,000 (all to BU)

*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 (all to BU)

---

## REFEREED PRESENTATIONS

---

**169 refereed presentations (74 oral presentations, 94 poster presentations)**

135 (82%) first authored ( $n=46$ ) or student first authored ( $n=89$ )

135 (82%) include student authors \*indicates student authorship

112 (66%) use social network analysis

2024

---

1. Prochnow, T., Jackson, D., Curran, L.S., Park, J-H. & **Patterson, M. S.** (Oct 27-30, 2024). *Process Evaluation of a Pilot Physical Activity and Social-Emotional Learning Curriculum Implemented in a*

- 
- Summer Care Program for Adolescent Girls*. Accepted as an oral presentation at the American Public Health Association (APHA) Annual Meeting and Expo. Minneapolis, MN.
2. Prochnow, T., & **Patterson, M. S.** (Oct 27-30, 2024). *It's not just a game: Social networks, isolation and mental health in online gamers*. Accepted as a poster presentation at the American Public Health Association (APHA) Annual Meeting and Expo. Minneapolis, MN.
  3. **Patterson, M. S.**, Valdez, D., Heinrich, K. M., Francis, A. N., & Prochnow, T. (June 24-30, 2024). *Connecting for Recovery: Explaining Supportive Ties between Members of a Sober Active Community*. Accepted for presentation at the 2024 International Network for Social Network Analysis Annual Sunbelt Meeting. Edinburgh, Scotland.
  4. \*Baharuddin, I. H., Ismail, N., **Patterson, M. S.**, Yasin, S. M., Naing, N. N., & Ibrahim, K. (June 24-30, 2024). *The Role of Ego Networks in Workplace COVID-19 Stigma among Factory Workers*. Accepted for presentation at the 2024 International Network for Social Network Analysis Annual Sunbelt Meeting. Edinburgh, Scotland.
  5. \*Amo, C., \*Francis, A. N., \*Park, J-H, Heinrich, K. M., Prochnow, T., & **Patterson, M. S.** (June 24-30, 2024). *A Sociocentric Network Analysis of Self-efficacy and Social Connection Among CrossFitters*. Accepted for presentation at the 2024 International Network for Social Network Analysis Annual Sunbelt Meeting. Edinburgh, Scotland.
  6. \*Francis, A. N., **Patterson, M. S.**, \*Amo, C., & \*Park, J-H. (June 24-30, 2024). *"I can't get no satisfaction": The effects of personal network influence on college students' body satisfaction*. Accepted for presentation at the 2024 International Network for Social Network Analysis Annual Sunbelt Meeting. Edinburgh, Scotland.
  7. Prochnow, T., \*Jackson, D., \*Curran, L., \*Park, J-H., \*Howell, E., \*Flores, S.A., Brown, A., **Patterson, M. S.**, & Trost, S. (May 20-23, 2024). *Leveraging Social Connectedness to Improve Outcomes for Adolescent Girls in Summer Care Programs*. Accepted as an oral presentation at the 2024 International Society of Behavioral Nutrition and Physical Activity Meeting, Omaha, NE
  8. Prochnow, T., **Patterson, M. S.**, \*Jackson, D., \*Curran, L., \*Flores, S.A., Brown, A., \*Howell, E., Massey, P. & Blake, J. (April 14-17, 2024). *Peer Protection: Social Connections and Adolescent Mental Health in Summer Youth Development Programs*. Accepted as a poster presentation at the 2024 American Academy of Health Behavior meeting, Savannah, GA.
  9. \*Handley, S., **Patterson, M. S.**, Heinrich, K. M., \*Francis, A. N., \*Khanhkhram, A., \*Garcia, V. R., \*Howell, E., \*Fields, A., Prochnow, T., & Barry, A. E. (April 14-17, 2024). *A boost of confidence: Participation in a sober active community and abstinence self-efficacy*. Accepted as a poster presentation at the 2024 American Academy of Health Behavior (AAHB) Meeting. Savannah, GA.
  10. Prochnow T., \*Park J-H., \*Jackson D., Trost S., \*Curran L., \*Flores S.A., \*Howell E., Brown A., & **Patterson M. S.** (Mar 25-28, 2024). *Connecting Physical Activity, Mental Health, and Peer Relationships in Summer Programs*. Accepted as an oral presentation at the 20th Annual Active Living Conference. Chattanooga, TN.
-

11. **Patterson, M. S.**, Heinrich, K. M., Francis, A. N., Handley, S., Khanhkham, A., Garcia, V. R., Howell, E. D., Fields, A., & Prochnow, T. (March 13-16, 2024). *Group Exercise in Support of Recovery: Results from a Pilot Study Testing a Sober Active Community*. Accepted as a poster presentation at the Society of Behavioral Medicine (SBM) 45th Annual Meeting and Scientific Sessions. Philadelphia, PA.
12. \*Pederson, R. M, Hernandez, P. R., **Patterson, M. S.** (February 25-27, 2024). *How similarities promote increased connections and motivations in an undergraduate engineering and computer science course*. Selected as a poster presentation at the Collaborative Network for Engineering and Computing Diversity (CoNECD) 2024 Meeting. Arlington, Virginia.
13. **Patterson, M. S.** (February 24, 2024). *The Power of Connection*. Selected as a keynote speaker at the 32<sup>nd</sup> Annual Susan M. Arseven “Women in Science and Engineering (WISE)” Conference. College Station, TX.
14. Hillios, J., Heinrich, K. M., & **Patterson, M. S.** (February 2, 2024). *Fueling Transformation: The Power of Community and Connection*. Invited oral presentation at the CrossFit for Health Summit. Austin, TX.

## 2023

---

1. **Patterson, M. S.**, Clark, H. R., Mendez, S. E., \*Francis, A. N., \*Shaikh, A., \*Handley, S., \*Fields, A., & \*Amo, C. (November 12-15, 2023). *Leveraging Social Network Analysis to Map Out Referral Networks to Support Families in Texas*. Accepted as an oral presentation at the American Public Health Association (APHA) Annual Meeting and Expo. Atlanta, Georgia.
2. **Patterson, M. S.**, Prochnow, T., \*Amo, C., \*Francis, A. N., & Green, E. (November 12-15, 2023). *Using the Integrated Behavioral Model and Social Network Analysis to Understand Physical Activity as Part of a Community Needs Assessment*. Accepted as an oral presentation at the American Public Health Association (APHA) Annual Meeting and Expo. Atlanta, Georgia.
3. Prochnow, T., \*Park, J-H. & **Patterson, M. S.** (November 12-15, 2023). *College student physical activity, sense of community, and retention: Influences of intramural sport social networks*. Accepted as a poster presentation at the American Public Health Association (APHA) Annual Meeting and Expo. Atlanta, Georgia.
4. \*Zhang, Q., **Patterson, M. S.**, & Hernandez, P. R. (June 23-30, 2023). *Explaining Network Churn in STEM Undergraduate Women’s Mentorship Networks*. Accepted as a poster presentation at the International Network for Social Network Analysis 2023 Sunbelt Meeting. Portland, Oregon.
5. Prochnow, T., \*Park, J-H, & **Patterson, M. S.** (June 23-30, 2023). *Intramural sports social networks and implications for college student physical activity, sense of community, and retention*. Accepted as a poster presentation at the International Network for Social Network Analysis 2023 Sunbelt Meeting. Portland, Oregon.
6. \*Amo, C., **Patterson, M. S.**, Prochnow, T., Heinrich, K. M., & \*Francis, A. N. (June 14-17, 2023). *A social network analysis of self-efficacy and social connection among CrossFitters*. Accepted as a

poster presentation at the 2023 International Society of Behavioral Nutrition and Physical Activity (ISBNPA) Annual Meeting. Uppsala, Sweden.

7. \*Park J-H., Prochnow T., \*Flores S., \*Jackson D., **Patterson M. S.**, & Umstattd Meyer M. R. (March 13-16, 2023). *Have I seen you here before? Social network and physical activity implications of previous participation in a summer care program.* Accepted as a poster presentation at the 19th Annual Active Living Conference, Bethesda, Maryland.
8. **Patterson, M. S.**, Russell, A. M., & Barry, A. E. (March 12-15, 2023). *Utility of Amazon's Mechanical Turk for Conducting Alcohol-Related Social Network Analyses: A Comparison of Two Distinct Egocentric Network Data Collection Approaches.* Selected as a poster presentation at the 2023 American Academy of Health Behavior (AAHB) Annual Meeting. San Francisco, California.
9. **Patterson, M. S.** Heinrich, K. M., & Prochnow, T. (March 12-15, 2023). *Mental health impacts of social connection within a group-based exercise program: A social network analysis.* Selected as a poster presentation at the 2023 American Academy of Health Behavior (AAHB) Annual Meeting. San Francisco, California.
10. \*Madhiri, E., **Patterson, M. S.**, & Gagnon, L. R. (March 12-15, 2023). *Egocentric Social Network Characteristics, Mental Health, and Flourishing Among College Students.* Selected as a poster presentation at the 2023 American Academy of Health Behavior (AAHB) Annual Meeting. San Francisco, California.
11. \*Jackson D., Prochnow T., **Patterson M. S.**, & Umstattd Meyer M. R. (March 13-16, 2023). *Identifying social network characteristics associated with adolescent physical activity skill competency.* Accepted as an oral presentation at the 19th Annual Active Living Conference, Bethesda, MD.
12. Prochnow T., **Patterson M. S.**, \*Amo C., \*Francis A., \*Curran L., \*Park J. H., \*Jackson D., & Green E. (March 13-16, 2023). *Mixed method evaluation of social connectedness and active living at the community level.* Accepted as an oral presentation at the 19th Annual Active Living Conference, Bethesda, MD.
13. \*Lopez, M., Burdine, J., Faries, M., Maddock, J., & **Patterson, M. S.** (March 13-16, 2023). *Community Setting Use for Physical Activity in Texas Rural Adults.* Accepted as an oral presentation at the 19<sup>th</sup> Annual Active Living Conference, Bethesda, MD.
14. \*Pederson, R., **Patterson, M. S.**, & Thomas, S. (April 13-16, 2023). *Peer Access Supports Community Values: A Social Network Analysis of Computer Science and Engineering Undergraduates.* Selected as an oral presentation at the 2023 American Educational Research Association (AERA) Meeting. Chicago, Illinois.
15. \*Du, Z, Hernandez, P. R., \*Zhang, Q., Abad, T. M. C., \*Juarez, N., Estrada, M., **Patterson, M. S.**, Handelsman, J., Broder, N., \*Young, G., \*Watson, L., \*Sandovel, P. K., & \*Servantes Saldana, C. (April 13-16, 2023). *Improving Instructor-Student Relationship Quality through Social Inclusion Intervention in Biomedical Sciences.* Selected as a poster presentation at the 2023 American Educational Research Association (AERA) Meeting, Chicago, Illinois.



## 2022

---

1. \*Klimek, S., **Patterson, M. S.**, Brown, S., Spadine, M. S., Nelson, J., Duval, A., Fehr, S., Lanning, B., & Johnson, D. (November 6-9, 2022). *Rates and risks of collegiate sexual violence across multiple campuses: Exploring changes in trends and future solutions*. Selected as a poster presentation at the American Public Health Association (APHA) 150<sup>th</sup> Annual Meeting, Boston, Massachusetts.
2. **Patterson, M. S.**, \*Klimek, S., Prochnow, T., \*Flores, S., \*Spiller, K. A., & \*Alamansour, N. (2022, November). *The importance of support networks for intimate partner violence disclosure: An egocentric network analysis*. Selected as an oral presentation accepted at the American Public Health Association (APHA) 150<sup>th</sup> Annual Meeting. Boston, Massachusetts.
3. Prochnow T., \*Amo C., \*Francis A. N, \*Curran L., \*Delgado E., \*Sollis B., Green E., Williams A., & **Patterson M. S.** (November 6-9, 2022). *Cultivating an active living plan through a social ecological evaluation*. Selected as an oral presentation at the American Public Health Association (APHA) 150<sup>th</sup> Annual Meeting. Boston, Massachusetts.
4. **Patterson, M. S.**, \*Francis, A. N., Prochnow, T., & Spadine, M. N. (November 6-9, 2022). *How social networks associate with body image concerns among college women*. Selected as an oral presentation at the American Public Health Association (APHA) 150<sup>th</sup> Annual Meeting. Boston, Massachusetts.
5. Valdez, D. & **Patterson, M. S.** (November 6-9, 2022). *Online Forums as Social Connection Tools for People Struggling with Addiction post COVID-19 Lockdowns: Natural Language Processing Insights from Social Networking Website Reddit*. Selected as an oral presentation at the American Public Health Association (APHA) 150<sup>th</sup> Annual Meeting. Boston, Massachusetts.
6. **Patterson, M. S.**, Prochnow, T., \*Amo, C., \*Francis, A. N., \*Welch, A., & Heinrich, K. M. (July 12-16, 2022). *A Little Help From My Friends: How Social Ties May Reduce Depressive Symptoms Among Group-Based Exercise Participants*. Selected as an oral presentation at Sunbelt 2022 – Annual Meeting of the International Network for Social Network Analysis (INSNA). Cairns, Australia.
7. \*Welch, A., **Patterson, M. S.**, Wilshire, C., Hasmeena, K., Gilbert, C., & Gorden, J. (July 12-16, 2022). *The Role of Ego Networks for College Fraternity Members Who Use E-cigarettes*. Selected as an oral presentation at Sunbelt 2022 – Annual Meeting of the International Network for Social Network Analysis (INSNA). Cairns, Australia.
8. \*Baharuddin, I. H., Ismail, N., **Patterson, M. S.**, Yasin, S. M., Naing, N. N., & Ibrahim, K. (July 12-16, 2022). *Application of Social Network Analysis (SNA) on COVID-19 health-related research – A scoping review*. Selected as a poster presentation at Sunbelt 2022 – Annual Meeting of the International Network for Social Network Analysis (INSNA). Cairns, Australia.
9. Prochnow, T., **Patterson, M. S.**, \*Amo, C., & Heinrich, K. M. (July 12-16, 2022). *Physical activity peer similarity in group high intensity functional training*. Selected as a poster presentation at Sunbelt 2022 – Annual Meeting of the International Network for Social Network Analysis (INSNA). Cairns, Australia.

10. \*Francis, A. N., **Patterson, M. S.**, Prochnow, T., & Gagnon, L. (May 18-21, 2022). *I'll Be There for You: The effects of exercise engagement on social support provision within undergraduate students' personal networks*. Selected as a poster presentation at the International Society of Behavioral Nutrition and Physical Activity (ISBNPA) 21<sup>st</sup> Annual Meeting. Phoenix, Arizona.
11. \*Welch, A.W., **Patterson, M.S.**, Wilshire, C.L., Kathuria, H., Gilbert, C.R., Gorden, J.A. (May 13-18, 2022). *Accepting Social E-Cigarette Behaviors Among Fraternity Members Found Utilizing Egocentric Network Analysis*. Selected as poster presentation at the American Thoracic Society (ATS) International Conference Annual Meeting. San Francisco, CA.
12. Hernandez, P., \*Nyanamba, J., & **Patterson, M. S.** (April 21-26, 2022). *Webs of science: Developmental networks influence women's longitudinal integration into STEM fields*. Selected as an oral presentation at the 2022 American Educational Research Association (AERA) Annual Meeting. San Diego, California.
13. **Patterson, M. S.**, \*Francis, A. N., \*Amo, C., Prochnow, T., Hunyadi, J., Heinrich, K. M., & Miller, S. (March 13-16, 2022). *Exploring Compulsive Exercise Behaviors within CrossFit Gyms: A Social Network Analysis*. Selected as a poster presentation at the American Academy of Health Behavior (AAHB) 22<sup>nd</sup> Annual Meeting. Key Largo, Florida.
14. **Patterson, M. S.**, \*Abu-Esba, Z., \*Flora, S., \*Lin, N., \*Nugent, B., & Lanning, B. (March 13-16, 2022). *Exploring sources of social support for undergraduate students who have an emotional support animal: An egocentric network analysis*. Selected as a poster presentation at the American Academy of Health Behavior (AAHB) 22<sup>nd</sup> Annual Meeting. Key Largo, Florida.
15. **Patterson, M. S.**, \*Walther, M., \*Zigmond, C., \*Lila, M., \*Madu, V., & Spadine, M. N. (March 13-16, 2022). *Friends and fad diets: The impact of personal networks and diet use on college students' exercise behaviors*. Selected as a poster presentation at the American Academy of Health Behavior (AAHB) 22<sup>nd</sup> Annual Meeting. Key Largo, Florida.
16. \*Amo, C., \*Nabil, A. K., **Patterson, M. S.**, Prochnow, T., & Barry, A. E. (March 13-16, 2022). *COVID-19's Impact on Mental Health Among College Students*. Selected as a poster presentation at the American Academy of Health Behavior (AAHB) 22<sup>nd</sup> Annual Meeting. Key Largo, Florida.
17. \*Flores, S., Prochnow, T., **Patterson, M. S.**, Sharkey, J., & Umstattd Meyer, M. R. (March 13-16, 2022). *The webs we weave: Inter-organizational collaboration within the Olympic Peninsula Healthy Community coalition*. Selected as a poster presentation at the American Academy of Health Behavior (AAHB) 22<sup>nd</sup> Annual Meeting. Key Largo, Florida.
18. \*Nabil, A. K., \*Amo, C., **Patterson, M. S.**, Prochnow, T., & Barry A. E. (March 13-16, 2022). *Effect of the COVID-19 pandemic on substance use related outcomes among college students*. Selected as a poster presentation at the American Academy of Health Behavior (AAHB) 22<sup>nd</sup> Annual Meeting. Key Largo, Florida.
19. Prochnow, T., \*Amo, C., **Patterson, M. S.**, Heinrich, K. M. (March 13-16, 2022). *I CrossFit; Do you? Physical activity peer similarity in group high intensity functional training*. Selected as a poster presentation at the American Academy of Health Behavior (AAHB) 22<sup>nd</sup> Annual Meeting. Key Largo, Florida.

20. \*Spadine, M. N. & **Patterson, M. S.** (March 13-16, 2022). *Social Influence on Fad Diet Use: A Systematic Review of the Literature*. Selected as an oral presentation at the American Academy of Health Behavior (AAHB) 22<sup>nd</sup> Annual Meeting. Key Largo, Florida.
21. \*Spadine, M. N. & **Patterson, M. S.** (March 13-16, 2022). *Exploring social relationships that might drive fad diet use: An egocentric network analysis*. Selected as a poster presentation at the American Academy of Health Behavior (AAHB) 22<sup>nd</sup> Annual Meeting. Key Largo, Florida.
22. \*Spadine, M. N. & **Patterson, M. S.** (March 13-16, 2022). *Individual and egocentric network factors associated with fad diet use among college students*. Selected as a poster presentation at the American Academy of Health Behavior (AAHB) 22<sup>nd</sup> Annual Meeting. Key Largo, Florida.

## 2021

---

1. Valdez, D., & **Patterson, M. S.** (July 22, 2021). *Big Data in Health Education: Exploring a Synergistic Collaboration in Machine Learning and Social Network Analysis*. Selected as a continuing education webinar for the Society of Public Health Education (SOPHE). [virtual webinar]
2. **Patterson, M. S.**, \*Prochnow, T., & Graves-Boswell, T. (October 24-27, 2021). *Making the connection: Factors associated with social ties between college students in recovery*. Selected as an oral presentation at the American Public Health Association (APHA) 149th Annual Meeting. Denver, CO.
3. **Patterson, M. S.**, \*Prochnow, T., \*Nabil, A. K., Russell, A. M., & Barry, A. E. (October 24-27, 2021). *Associations between sexual violence victimization and risky drinking within college women's personal networks*. Selected as an oral presentation at the American Public Health Association (APHA) 149th Annual Meeting. Denver, CO.
4. \*Prochnow, T., **Patterson, M. S.**, & Umstattd Meyer, M. R. (October 24-27, 2021). *When you can't join the club: Conversations with Boys and Girls Club leaders on providing services during COVID-19*. Selected as a poster presentation at the American Public Health Association (APHA) 149th Annual Meeting. Denver, CO.
5. \*Prochnow, T., & **Patterson, M. S.** (October 24-27, 2021). *Physical activity and social network connectedness: A systematic literature review of social network analysis studies*. Selected as an oral presentation at the American Public Health Association (APHA) 149th Annual Meeting. Denver, CO.
6. \*Nabil, A. K., **Patterson, M. S.**, Russell, A. M., & Barry, A. E. (October 24-27, 2021). *Implication of early initiation of vaping: Comparing total lifetime e-cigarette use among a national sample of youth*. Selected as a poster presentation at the American Public Health Association (APHA) 149th Annual Meeting. Denver, CO.
7. \*Nabil, A. K., **Patterson, M. S.**, Russell, A. M., & Barry, A. E. (October 24-27, 2021). *Determinants of early initiation of vaping or marijuana among a national sample of youth*. Selected as a poster presentation at the American Public Health Association (APHA) 149th Annual Meeting. Denver, CO.

8. \*Prochnow, T., Umstattd Meyer, M. R., **Patterson, M. S.**, Meyer, A. R., & Talbert, T. (October 24-27, 2021). *Changes in activation of Mexican-heritage children and father physical activity social networks in response to a father-focused family-centered health program*. Selected as an oral presentation at the American Public Health Association (APHA) 149th Annual Meeting. Denver, CO.
9. **Patterson, M. S.**, \*Prochnow, T., \*Flores, S., \*Alamansour, N. A., & \*Spillers, K-A. (July 5-10, 2021). *Will they believe me? An egocentric network analysis of intimate partner violence disclosure*. Selected as an oral presentation at the Networks 2021: A Joint Conference of Sunbelt and NetSci. [virtual conference due to COVID-19]
10. **Patterson, M. S.**, Heinrich, K. M., \*Prochnow, T., \*Graves-Boswell, T., & \*Spadine, M. N. (July 5-10, 2021). *Assessing network autocorrelation and homophily of preference for and tolerance of exercise intensity within a group-based high-intensity functional training program*. Selected as a poster presentation at the Networks 2021: A Joint Conference of Sunbelt and NetSci. [virtual conference due to COVID-19]
11. \*Prochnow T., **Patterson M. S.**, \*Hartnell L., & Umstattd Meyer M. R. (July 5-10 2021). *Longitudinal network analysis of online gaming communication: Implications for depressive symptoms and social support*. Accepted as an oral presentation at Networks 2021: A Joint Conference of Sunbelt and NetSci. [virtual conference due to COVID-19]
12. \*Prochnow T., **Patterson M. S.**, & Umstattd Meyer M. R., (June 8-10, 2021). *Social network effects on child self-reported physical activity at summer care programs*. Accepted as an oral presentation at the International Society of Behavioral Nutrition and Physical Activity XChange 2021. [virtual conference due to COVID-19]
13. **Patterson, M. S.**, Beyerlein, M., Goodson, P., \*Sankar, S., \*French, P., & Patterson, C. A. (June 7-11, 2021). *Comparing Network Structure within Research Teams over Time: A Case for Interdisciplinary Research*. Accepted as a lightning talk at the 12<sup>th</sup> Annual Science of Team Science Conference. [virtual due to COVID-19]
14. \*Wang, W., Goodson, P., Beyerlein, M., **Patterson, M. S.**, \*Sankar, S., \*Garr, A., \*French, P., \*Meng, X., \*Traylor, Z., & McLeroy, K. (June 7-11, 2021). *Perceived Barriers and Concerns of Team-Based Interdisciplinary Research: Interview Data from Faculty and Administrators at a Research-Intensive University*. Accepted as a lightning talk at the 12<sup>th</sup> Annual Science of Team Science Conference. [virtual due to COVID-19]
15. Goodson P., Beyerlein M., **Patterson M. S.**, \*Sankar S., \*Garr A., \*French P., \*Wang W., \*Meng X., \*Traylor, Z., & \*McLeroy, K. (June 7-11, 2021). *Faculty and Administrators' Perceived Benefits of Team-Based Interdisciplinary Research at a Research-Intensive University*. Accepted as a lightning talk at the 12<sup>th</sup> Annual Science of Team Science Conference. [virtual due to COVID-19]
16. Kwok, A., Rios, A., Suárez, M., \*Worley, C., **Patterson, M. S.**, \*Keese, J., Huston, D., & Mitchell, D. (April 9-12, 2021). *Match Games: Exploring the Match Between Novice Teachers and Induction Coaches*. Selected as an oral presentation at the American Educational Research Association (AERA)'s 2021 Annual Meeting. [virtual conference due to COVID-19]

17. \*Prochnow T., **Patterson M. S.**, \*Hartnell L., West G., & Umstattd Meyer M. R. (April 12-16, 2021). *Implications of race and ethnicity for child physical activity and social connections at summer care programs*. Accepted as a research spotlight presentation at the Society of Behavioral Medicine (SBM) 42nd Annual Meeting. [virtual conference due to COVID-19].
18. \*Lautner, S., Garney, W. R., Spengler, J. O., **Patterson, M. S.**, & Barry, A. E. (April 6-9, 2021). *Using community-based group modeling to build community capacity and understand school sports participation*. Accepted as a lightening talk at the annual Active Living Conference (ALC). [virtual conference due to COVID-19]
19. \*Lautner, S., Garney, W. R., Spengler, J. O., **Patterson, M. S.**, & Barry, A. E. (April 6-9, 2021). *Increasing access to school sports: Analyzing a causal loop diagram and determining leverage points for change*. Accepted as a lightening talk at the annual Active Living Conference (ALC). [virtual conference due to COVID-19]
20. \*Prochnow, T. & **Patterson, M. S.** (April 6-9, 2021). *Introduction to social network analysis in active living*. Selected as a workshop at the annual Active Living Conference (ALC). [virtual conference due to COVID-19]
21. \*Prochnow, T. & **Patterson, M. S.** (April 6-9, 2021). *Intermediate social network analysis: Applications in active living*. Selected as a workshop at the annual Active Living Conference (ALC). [virtual conference due to COVID-19]
22. **Patterson, M. S.**, Heinrich, K. M., \*Prochnow, T., \*Graves-Boswell, T., & \*Spadine, M. N. (March 2021). *Assessing the social environment relative to preference for and tolerance of exercise intensity within a group-based high-intensity functional training program*. Accepted as a poster presentation at the American Academy of Health Behavior (AAHB) 21<sup>st</sup> Annual Meeting. [virtual conference due to COVID-19].
23. Heinrich, K. M., \*Kurtz, B. K., **Patterson, M. S.**, Barry, A. E., & Crawford, D. A. (March 2021). *Fostering Community in Behavioral Research: A Case Study of A High Intensity Functional Training Intervention*. Accepted as a poster presentation at the American Academy of Health Behavior (AAHB) 21<sup>st</sup> Annual Meeting. [virtual conference due to COVID-19].
24. **Patterson, M. S.**, \*Prochnow, T., \*Graves-Boswell, T., & \*Spadine, M. N. (March 2021). *Using egocentric network analysis to assess social ties that exacerbate body image concerns among college sorority women*. Accepted as a poster presentation at the American Academy of Health Behavior (AAHB) 21<sup>st</sup> Annual Meeting. [virtual conference due to COVID-19].
25. \*Flores, S., \*Spillers, K-A, \*Almansour, N., & **Patterson, M. S.** (March 2021). *Social factors influencing college students' confidence to report intimate violence victimization*. Accepted as a poster presentation at the American Academy of Health Behavior (AAHB) 21<sup>st</sup> Annual Meeting. [virtual conference due to COVID-19].
26. \*Montour, T., \*Alexander, J., \*Francis, A., \*Goocher, P., \*Shaw, V., & **Patterson, M. S.** (March 2021). *Examining health and wellness support within college student egocentric networks*.

Accepted as a poster presentation at the American Academy of Health Behavior (AAHB) 21<sup>st</sup> Annual Meeting. [virtual conference due to COVID-19].

27. \*Collins, E., \*Roan, K., \*Sult, S., \*Chen, T., & **Patterson, M. S.** (March 2021). *Hookup culture perceptions and implications among college undergraduate students*. Accepted as a poster presentation at the American Academy of Health Behavior (AAHB) 21<sup>st</sup> Annual Meeting. [virtual conference due to COVID-19].
28. \*Nabil, A. K., \*Lim, E., \*Shigg, N. D., \*Sosa, H. L., **Patterson, M. S.** (March 2021). *Assessing factors related to social connections among college students in a campus recovery program*. Accepted as a poster presentation at the American Academy of Health Behavior (AAHB) 21<sup>st</sup> Annual Meeting. [virtual conference due to COVID-19].
29. \*Prochnow T., Lightner J.S., **Patterson M. S.**, Shank J., & McBain R. K. (March 2021). *A longitudinal model of communication networks among HIV service providers in a Ryan White system*. Accepted as a poster presentation at the American Academy of Health Behavior (AAHB) 21<sup>st</sup> Annual Meeting. [virtual conference due to COVID-19].
30. \*Prochnow T., **Patterson M. S.**, Hartnell L., & Umstattd Meyer M. R. (March 2021). *Online gaming network communication dynamics, depressive symptoms, and social support: longitudinal network analysis*. Accepted as a poster presentation at the American Academy of Health Behavior (AAHB) 21<sup>st</sup> Annual Meeting. [virtual conference due to COVID-19].
31. **Patterson, M. S.**, \*Amo, C., \*Prochnow, T., & Heinrich, K. M. (January 25-27, 2021). *Exploring the Social Environment Relative to Exercise Self-Efficacy within Group-Based High Intensity Functional Training Participants*. Selected as an oral presentation at the 3<sup>rd</sup> North American Social Networks Conference. [virtual conference due to COVID-19].
32. \*Spadine, M. N., \*Graves-Boswell, T., \*Prochnow, T., & **Patterson, M. S.** (January 25-27, 2021). *Body image concerns among college women: An egocentric network analysis*. Selected as an oral presentation at the 3<sup>rd</sup> North American Social Networks Conference. [virtual conference due to COVID-19].
33. \*Prochnow, T., \*Hartnell, L., & **Patterson, M. S.** (January 25-27, 2021). *Developing friendships and social support through online gaming: A mixed methods analysis of online gaming network communication*. Selected as an oral presentation at the 3<sup>rd</sup> North American Social Networks Conference. [virtual conference due to COVID-19].

## 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) 148<sup>th</sup> Annual Meeting. San Francisco, CA. [virtual conference due to COVID-19]
2. **Patterson, M. S.**, \*Prochnow, T., \*Spadine, M. N., \*Brown, S., \*Nelson, 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]
3. **Patterson, M. S.**, Apostolopoulos, Y., \*Nelson, 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]
  4. \*Spadine, M. N., **Patterson, M. S.**, \*Brown, S. E., \*Nelson, 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]
  5. \*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]
  6. \*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]
  7. \*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]
  8. \*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]
  9. \*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]
  10. \*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]

11. \*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]
12. \*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.
13. 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]
14. **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]
15. \*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]
16. 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]
17. **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]
18. \*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) 41<sup>st</sup> Annual Meeting. San Francisco, CA. [virtual conference due to COVID-19]
19. \*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) 41<sup>st</sup> Annual Meeting. San Francisco, CA. [virtual conference due to COVID-19]



20. \*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]
21. \*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) 102<sup>nd</sup> Annual Conference. Austin, TX. [virtual conference due to COVID-19]
22. \*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) 102<sup>nd</sup> Annual Conference. Austin, TX. [virtual conference due to COVID-19]
23. **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]
24. **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]
25. \*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) 20<sup>th</sup> Annual Meeting. Napa, CA. [cancelled due to COVID-19, to be presented at 2021 virtual conference]
26. \*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]
27. \*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]
28. \*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]
29. \*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]
  30. \*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]
  31. \*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]
  32. \*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]
  33. \*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]
  34. \*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]
  35. \*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]
  36. \*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.

37. \*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.
38. \*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.
39. \*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.
40. \*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.

## 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.
2. **Patterson, M. S.**, \*Prochnow, T., & \*Nelson, 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.
3. \*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.
4. \*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.
5. \*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.
6. **Patterson, M. S.**, Gagnon, L. R., \*Vukelich, A., \*Brown, S., & \*Nelson, 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.
7. **Patterson, M. S.**, \*Russell, A., \*Nelson, 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.

8. \*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.
9. \*Nelton, 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.

## 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.
2. **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.
3. 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  $\leq 26$  years old living in their homes?* Accepted as an oral presentation at the International Cancer Education Conference (ICEC). Atlanta, GA.
4. **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.
5. \*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.
6. \*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.
7. \*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.

8. \*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.

## 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.
2. **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.
3. **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.
4. \*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.

## 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.
2. **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.

## 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.
2. **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.
3. **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

4. 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.
5. 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.
6. Umstattd Meyer M. R., Perry C. K., Sumrall J., Walsh S. M., **Patterson M. S.**, Clendennen S., Evenson K. R., Eyer 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.

## 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.
2. **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.
3. **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.
4. 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.
5. 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

## 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.
  2. 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.
  3. **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.
  4. 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.
  5. 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.
  6. 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.
  7. **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.
  8. **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.
  9. **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.

## 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.

2. 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.
3. 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.
4. 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.

---

## TEACHING EXPERIENCE

---

### Graduate Courses

<p><b>HLTH 690: <i>Theory of Research in the Discipline: Egocentric Network Analysis</i></b> Summer 2022</p>	<p><b>Texas A&amp;M University</b> College Station, Texas</p>
<p><b>HLTH 652: <i>Social Network Analysis</i></b> Spring 2023, Spring 2022, Spring 2021, Spring 2020</p>	<p><b>Texas A&amp;M University</b> College Station, Texas</p>
<p><b>HLTH 605/HPCH 605: <i>Research Methods in Health</i></b> Spring, 2024 Fall 2023, Spring 2023, Fall 2022, Fall 2021, Fall 2020, Fall 2019, Fall 2018</p>	<p><b>Texas A&amp;M University</b> College Station, Texas</p>
<p><b>PUBH 5379: <i>Research Methods</i></b> Summer 2018, Summer 2017, Summer 2016</p>	<p><b>Baylor University</b> Waco, Texas</p>

### Undergraduate Courses

<p><b>HLTH 331: <i>Community Health</i></b> Summer 2023, Spring 2020, Spring 2019</p>	<p><b>Texas A&amp;M University</b> College Station, Texas</p>
<p><b>HLTH 440: <i>Contemporary Issues for Community Health Interns</i></b> Fall 2018</p>	<p><b>Texas A&amp;M University</b> College Station, Texas</p>
<p><b>PUBH 2331: <i>Health Concepts and Competencies</i></b> Fall 2017</p>	<p><b>Baylor University</b> Waco, Texas</p>
<p><b>LDS 3304: <i>Health and Wellness Peer Leadership</i></b> Fall 2016, Fall 2015, Fall 2014, Fall 2013</p>	<p><b>Baylor University</b> Waco, Texas</p>
<p><b>HLTH 342: <i>Human Sexuality (web-based)</i></b> Summer 2013, Spring 2013, Fall 2012</p>	<p><b>Texas A&amp;M University</b> College Station, Texas</p>



---

## AWARDS AND HONORS

---

- 2023      **ASCEND Research Leadership Fellow – Texas A&M University**  
Fellows are selected from tenured or tenure-track Texas A&M University faculty at the advanced (four years in position at time of submission) assistant or early (within two years of promotion at time of submission) associate levels who have been nominated by their dean. Fellows will receive an award of \$75,000 to “develop junior faculty into research leaders”
- 2022      **Fellow – American Academy of Health Behavior**  
Fellow status is a special membership category granted to qualifying AAHB Members in recognition of significant contributions (e.g., authorship or co-authorship of at least 50 data-based research publications; presentation of at least 75 scientific papers at national or international professional meetings; recipient of at least \$1.5 million in external research grants) to the field of health behavior research and demonstrated involvement in AAHB  
*Awarded by: American Academy of Health Behavior*
- 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  
*Awarded by: National Intramural and Recreational Sports Association (NIRSA)*  
Article: Shaikh, H. M., Patterson, M. S., Lanning, B., Umstatted 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

---

### Doctoral Committees

<b>Zhenning Kang</b>	<i>Texas A&amp;M University</i>	Chair	DrPH	2024-present
<b>Lindsey Rodriguez</b>	<i>Texas A&amp;M University</i>	Chair	PhD	2023-present
<b>Allison Francis</b>	<i>Texas A&amp;M University</i>	Chair	PhD	2022 - present
<b>Sally Klimek</b>	<i>Texas A&amp;M University</i>	Chair	PhD	2021 - present
<b>Christina Amo</b>	<i>Texas A&amp;M University</i>	Chair	PhD	2020 - present
<b>Mandy Spadine</b>	<i>Texas A&amp;M University</i>	Chair	PhD	2018 - 2021
<b>Patrice French</b>	<i>Texas A&amp;M University</i>	Co-Chair	PhD	2019 - 2022
<b>Jordan Nelon</b>	<i>Texas A&amp;M University</i>	Co-Chair	PhD	2018 - 2020

<b>Blessing Olaniran</b>	<i>Texas A&amp;M University</i>	Member	PhD	2022 - present
<b>Shuo Feng</b>	<i>Texas A&amp;M University</i>	Member	PhD	2022 - present
<b>Anas Khurshid Nabil</b>	<i>Texas A&amp;M University</i>	Member	PhD	2022 - present
<b>Ashley Khanhkham</b>	<i>Texas A&amp;M University</i>	Member	PhD	2022 - present
<b>Michelle Strong</b>	<i>Texas A&amp;M University</i>	Member	PhD	2019 - 2021
<b>Qian Ji</b>	<i>Texas A&amp;M University</i>	Member	PhD	2019 - 2021
<b>Kristie Primm</b>	<i>Texas A&amp;M University</i>	Member	PhD	2018 - 2020
<b>Shelby Lautner</b>	<i>Texas A&amp;M University</i>	Member	PhD	2018 - 2020
<b>Alex Russell</b>	<i>Texas A&amp;M University</i>	Member	PhD	2018 - 2020
<b>Yan Yan Chen</b>	<i>Texas A&amp;M University</i>	External Member	DrPH	2023 - present
<b>Krista Haapanen</b>	<i>Vanderbilt University</i>	External Member	PhD	2023 - 2024
<b>Celine Tran</b>	<i>Texas A&amp;M University</i>	External Member	PhD	2022 - present
<b>Baykal Altiner</b>	<i>Texas A&amp;M University</i>	External Member	PhD	2022 - present
<b>Rachelle Pederson</b>	<i>Texas A&amp;M University</i>	External Member	PhD	2022 - 2024
<b>Izyan Hazwani Baharuddin</b>	<i>Universiti Teknologi MARA</i>	External Member	PhD	2021 - present
<b>Michael Lopez</b>	<i>Texas A&amp;M University</i>	External Member	DrPH	2021 - 2022
<b>Rose Siuta</b>	<i>Texas A&amp;M University</i>	External Member	PhD	2020 - 2024
<b>Tyler Prochnow</b>	<i>Baylor University</i>	External Member	PhD	2018 - 2021
<b>Christina Sumners</b>	<i>Texas A&amp;M University</i>	External Member	PhD	2018 - present

### Masters Committees

<b>Vanessa Garcia</b>	<i>Texas A&amp;M University</i>	Chair	MS	2022 - 2024
<b>Sage Handley</b>	<i>Texas A&amp;M University</i>	Chair	MS	2022 - 2024
<b>Cheyenne Zigmond</b>	<i>Texas A&amp;M University</i>	Chair	MS	2020 - 2022
<b>Hannah Sosa</b>	<i>Texas A&amp;M University</i>	Chair	MS	2020 - 2022
<b>Allison Francis</b>	<i>Texas A&amp;M University</i>	Chair	MS	2019 - 2021
<b>Karley-Ann Spillers</b>	<i>Texas A&amp;M University</i>	Chair	MS	2019 - 2021
<b>Sydney Brown</b>	<i>Texas A&amp;M University</i>	Chair	MS	2018 - 2020
<b>Leah Gagnon</b>	<i>Baylor University</i>	Chair	MPH	2016 - 2018
<b>Sarah Madsen</b>	<i>Baylor University</i>	Chair	MS	2015 - 2017
<b>I-Chen (Natalie) Lin</b>	<i>Texas A&amp;M University</i>	Member	MS	2022 - 2024
<b>Garrett Seales</b>	<i>Texas A&amp;M University</i>	Member	MS	2022 - 2024
<b>Ssu-Yu Yeh</b>	<i>Texas A&amp;M University</i>	Member	MS	2022 - 2024
<b>Najla Abdulaziz</b>	<i>Texas A&amp;M University</i>	Member	MS	2020 - 2022
<b>Erica Collins</b>	<i>Texas A&amp;M University</i>	Member	MS	2020 - 2022
<b>Sara Mari Hardin</b>	<i>Texas A&amp;M University</i>	Member	MS	2019 - 2021
<b>Alicia Duval</b>	<i>Baylor University</i>	Member	MPH	2014 - 2016
<b>Hassan Shaikh</b>	<i>Baylor University</i>	Member	MPH	2013 - 2015
<b>Primo Ines</b>	<i>Texas A&amp;M University</i>	External Member	MCN	2022 - 2024
<b>Sarah Spencer</b>	<i>Texas A&amp;M University</i>	External Member	MS	2022 - 2024
<b>Karissa Palmer</b>	<i>Texas A&amp;M University</i>	External Member	MS	2022 - 2024
<b>Claudia Lozada Garcia</b>	<i>Texas A&amp;M University</i>	External Member	MS	2020 - 2021
<b>Amanda Hubbard</b>	<i>Texas A&amp;M University</i>	External Member	MS	2019 - 2021
<b>Alyssa Vukelich</b>	<i>Baylor University</i>	External Member	MS	2017 - 2019

---

## STUDENT AWARDS AND HONORS

---

<p><b>Sally Klimek – Loren B. Bensley, Jr. Gamman of the Year</b>  Role: Chair/Mentor  Eta Sigma Gamma (ESG) – the National Health Education Honor Society – selects a student in health education to receive this award based on their ability to excel in the classroom and in the community, as well as their leadership and service to the field</p>	2023
<p><b>Tyler Prochnow – Students Who Rocked Public Health 2019</b>  Role: Mentor  Honors graduate students conducting research that is making an impact on the field of public health  <i>Journal of Public Health Management and Practice</i></p>	2020
<p><b>Mandy Spadine – Dean’s Graduate Award</b>  Role: Chair  \$4,000 awarded to first-year doctoral student to pursue research opportunities  <i>College of Education and Human Development</i>  <i>Texas A&amp;M University</i></p>	2019
<p><b>Kyndall Foust – Aggie Spirit Award</b>  Role: Professor  Honors an undergraduate student who has demonstrated courage and determination during their time at Texas A&amp;M University  <i>Texas A&amp;M University</i></p>	2019
<p><b>Leah Gagnon – Outstanding Student Poster</b>  Role: Mentor  Highest presentation award to a student at the American Academy of Health Behavior annual conference.  Poster: Gagnon, L. &amp; Patterson, M. S. (March 4-7, 2018). <i>An egocentric network analysis assessing group exercise membership and holistic health benefits among a sample of university employees: A pilot study</i></p>	2018
<p><b>Leah Gagnon – Outstanding Graduate Assistant in Student Life</b>  Role: Supervisor and Chair  Honors outstanding work from a graduate student working in the Division of Student Life during their graduate degree  <i>Baylor University</i></p>	2018
<p><b>Sarah Madsen – Outstanding Graduate Assistant in Student Life</b>  Role: Supervisor and Chair  Honors outstanding work from a graduate student working in the Division of Student Life during their graduate degree  <i>Baylor University</i></p>	2017

---

**SERVICE**

---

---

## National Service/Service to the Field

---

- 2023 - 2025      **Member Delegate, American Academy of Health Behavior (AAHB)**
- 2021 - 2023      **Conference Planning Committee Chair, International Network for Social Network Analysis (INSNA)**
- 2021 - 2023      **Research Review Chair, American Academy of Health Behavior (AAHB)**
- 2020 - present    **Baylor University Public Health Advisory Board**
- 2019 - 2020      **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**  
*Alcoholism: Clinical & Experimental Research*  
*American Journal of Health Promotion*  
*Appetite Journal*  
*BMC Public Health*  
*BMJ Open*  
*Clinical Psychology*  
*Family and Community Health*  
*Health Education and Behavior*  
*International Journal of Exercise Science*  
*Journal of American College Health*  
*Journal of Child Health Care*  
*Journal of Integrative and Complementary Medicine*  
*Journal of Sport and Exercise Psychology*  
*Nature Partner Journals: Science of Learning*  
*PLOS One*  
*Research Quarterly for Exercise and Sport*  
*Sports Medicine*
- 2012 - present    **Conference Abstract Reviewer**  
*American Academy of Health Behavior (AAHB)*  
*Southwestern Education Research Association (SERA)*

---

## Local/University Service

---

### **Departmental/Divisional Committees – Texas A&M University**

- 2024 - present    *Annual Merit Review and Evaluation Committee*
- 2023 - 2024      *PhD in Health Behavior Curriculum and Program Development Committee*
- 2019 - 2022      *Graduate Student Professional Development and Travel Funding Selection Committee*
- 2019 - 2022      *Master in Health Education Assessment Committee*

2019 - 2022      *Honors Program Development Committee*  
 2019 - 2022      *PhD In Health Education Student Award Selection Committee*  
 2019                *American Kinesiology Association Awards Selection Ad-Hoc Committee*

**School-Wide Committees – Texas A&M University**

2024 - present    *Research Committee*  
 2022 - present    *DrPH Oversight Committee*

**University-Wide Committees – Texas A&M University**

2018 - present    *Aggies in Recovery Board of Directors*  
 2013 - 2015        *POWER Writing Support Services*

**Professional Hiring Committees**

2021                Chair: Visiting Assistant Clinical Professor in Health Education (n=2; Texas A&M University)  
 2021                Chair: Director of Online Health Education Programs (Texas A&M University)  
 2020                Member: Assistant Professor in Health Education (Texas A&M University)  
 2018                Chair: Wellness Prevention and Outreach Coordinator (Baylor University)  
 2018                Member: Recovery Support Coordinator (Baylor University)  
 2016                Member: Coordinator of New Student Programs (Baylor University)  
 2016                Member: Four Staff Psychologist Positions (Baylor University)  
 2015                Member: Psychiatric Nurse Practitioner (Baylor University)  
 2011                Graduate Student Member: Intramural Sports Coordinator (Baylor University)

**Departmental/Divisional Committees – Baylor University**

2015 - 2018        *Health, Equanimity, and Wellness Team*  
 2014 - 2018        *Student Life Assessment Committee*

**University-Wide Committees – Baylor University**

2017 - 2018        *Green-Dot Power-Based Violence Prevention Team*  
 2016 - 2018        *Title IX Training, Education, and Communication Task Force*  
 2013 - 2018        *Sexual Assault Prevention Advisory Board*  
 2013 - 2015        *Alcohol Awareness Advisory Board*  
 2013 - 2015        *Body IQ Work Team*  
 2013 - 2014        *Tobacco-Free, Smoke-Free Campus Committee*

---

**PROFESSIONAL AFFILIATIONS**

---

2018 - present    **International Network for Social Network Analysis (INSNA)**  
 2018 - present    **American Public Health Association (APHA)**  
 2015 - present    **American Academy of Health Behavior (AAHB)**  
 2019 - 2021        **Society of Behavioral Medicine**  
 2015 - 2017        **Student Affairs Administrators in Higher Education (NASPA)**

2013 - 2015      **Text and Academic Authors Association (TAA)**

2012 - 2013      **Southwest Educational Research Association (SERA)**

---

## PROFESSIONAL DEVELOPMENT

---

<b>2023 Social Networks and Health Training</b>	<i>Duke Network Analysis Center</i>	2023
<b>Conducting Personal Networks Research with Network Canvas</b>	<i>International Network for Social Network Analysis Annual Sunbelt Conference Workshop</i>	2022
<b>Social Network Diffusion of Individual Behavior Change Interventions</b>	<i>National Institute on Aging – National Institutes of Health</i>	2022
<b>Introduction to Egocentric Network Data Analysis with ERGMs using statnet</b>	<i>International Network for Social Network Analysis Annual Sunbelt Conference Workshop</i>	2021
<b>ERGM.ego workshop</b>	<i>International Network for Social Network Analysis Annual Sunbelt Conference Workshop</i>	2021
<b>Egocentric Network Analysis with R</b>	<i>International Network for Social Network Analysis Annual Sunbelt Conference Workshop</i>	2021
<b>STRIDE Workshop</b>	<i>Texas A&amp;M University</i>	2020
<b>Network Analysis Method Selection and Adaptation</b>	<i>International Network for Social Network Analysis Annual Sunbelt Conference Workshop</i>	2020
<b>The Magic of Pre/Post &amp; Longitudinal Data Analysis Webinar</b>	<i>StatsWhisperer</i>	2020
<b>Write Winning NIH Grant Proposals</b>	<i>John D. Robertson Grant Writers' Seminar</i>	2019
<b>Introduction to SNA descriptive statistics and hypothesis testing using R/statnet</b>	<i>International Network for Social Network Analysis Annual Sunbelt Conference Workshop</i>	2019
<b>Moving Beyond Descriptives: Basic Network Statistics with R/statnet</b>	<i>International Network for Social Network Analysis Annual Sunbelt Conference Workshop</i>	2019

<b>Introduction to ERGMs using statnet</b>	<i>International Network for Social Network Analysis Annual Sunbelt Conference Workshop</i>	2019
<b>Introduction to Modeling Temporal (dynamic) Networks using TERGMs in statnet</b>	<i>International Network for Social Network Analysis Annual Sunbelt Conference Workshop</i>	2019
<b>Roadmap Workshop for a Successful Academic Career</b>	<i>Texas A&amp;M University Dean of Faculties</i>	2019
<b>Teaching with Technology Lunch Series</b>	<i>Texas A&amp;M University Instructional Technology Services</i>	2019
<b>Research Scholars Mentorship Program</b>	<i>American Academy of Health Behavior</i>	2019
<b>ASPEN Platform Workshop – SNA Data Collection Tools for Ego-Centric and Whole Network Analysis</b>	<i>North American Social Networks Conference Workshop</i>	2018
<b>EgoWeb 2.0: Flexible and User Friendly Social Network Data Collection Software Training</b>	<i>North American Social Networks Conference Workshop</i>	2018
<b>AnyLogic Multimethods Modeling Training</b>	<i>AnyLogic</i>	2018
<b>Crucial Conversations Workshop</b>	<i>Baylor University</i>	2017
<b>Green Dot Power-Based Violence Prevention Training</b>	<i>Green Dot Institute</i>	2017
<b>Undoing Racism Workshop</b>	<i>The People’s Institute for Survival and Beyond</i>	2015
<b>LINKS Social Network Analysis Workshop</b>	<i>University of Kentucky</i>	2015
<b>Social and Economic Network Analysis Online Course</b>	<i>Stanford University coursera.com</i>	2015



This CV submitted is most current and correct as of the date of this signature.

Signature: 

Date: July 9, 2024