

Tyler Prochnow

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Contact Information

tprochnow@tamu.edu

262-945-0275

tprochnow.com

Personal Statement

I am passionate about understanding the role social connections and interactions play in health behaviors. This passion has led to a research focus on social network analysis and health behavior. More specifically, I have focused my research on the social aspects of physical activity employing a health equity lens.

Education

Ph.D., Health Promotion, 2021	Baylor University – Waco, Texas Concentrations: Public Health and Quantitative Research Methods Supervisor: Dr. M. Renée Umstattd Meyer
Master of Educational Leadership, 2015	Carthage College – Kenosha, Wisconsin Concentrations: Curriculum and Leadership Development
Bachelor of Arts, 2013	Carthage College – Kenosha, Wisconsin Major: Exercise Science and Management

Academic and Research Experience

2021-Present	<i>Assistant Professor of Health Behavior – Texas A&M University</i> Responsible for developing a robust research portfolio with emphasis on social network analysis, systems thinking approaches, physical activity, and health equity as well as creating classes in these areas and mentoring students.
2019 - 2021	<i>Research Administrative Assistant – Physical Activity Research Center (PARC)</i> Physical Activity Research Center (PARC) Primary Responsibilities: reporting, website management, team scheduling and communication, social media management, webinar development Funding Source: Robert Wood Johnson Foundation
2018 - 2021	<i>Research Assistant / Evaluation Team – Chicago PlayStreets</i> Baylor University, Johns Hopkins Bloomberg School of Public Health Primary Responsibilities: systematic observation data collection, community reporting, manuscript writing, presenting results Funding Source: Centers for Disease Control, Physical Activity Policy Resource Network (PAPRN+)
2017 - 2021	<i>Research Assistant – Creating Safe Places to Play: Evaluating Culturally-Relevant Play Streets in Rural Communities</i> Baylor University, Johns Hopkins Bloomberg School of Public Health Primary Responsibilities: systematic observation data collection, community reporting, manuscript writing, presenting results Funding Source: Robert Wood Johnson Foundation

2017 - 2021 *Research Assistant – Salud Para Usted y Su Familia [Health for You and Your Family]*

Baylor University, Texas A&M University School of Public Health

Primary Responsibilities: curriculum development, health worker training, social network analysis lead, manuscript writing, presenting results

Funding Source: United States Department of Agriculture

Peer Reviewed Journal Articles

- In Press**
1. Johannes B.L., **Prochnow, T.**, Ortiz S., & Smith M. L. (In Press). Receipt of a Yearly Routine Checkup and Beliefs about the Importance of a Personal Primary Care Provider among Rural Patients. *Health Behavior Research*
 2. Jackson D., Park, J-H, 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*.
 3. Park, J-H., **Prochnow, T.**, Sherman, L. D., Bergeron, C. D., Merianos, A. L., Olubajo, B., Gandhari, S., & Smith M. L. (In Press). Drivers of food service need and use among non-Hispanic Black and Hispanic men with chronic conditions in the United States. *Health Behavior Research*
 4. **Prochnow T.**, Johannes B.L., Ortiz S.E., & Smith M.L. (In Press) Mapping Social Support Sources for Rural Patients with Chronic Illness. *Health Behavior and Policy Review*.
 5. Schwab Reese L., Renner L., Lenfestey N., Winter Williams A., & **Prochnow T.** (In Press) Network analysis to visualize qualitative results: Example from a qualitative content analysis of The National Child Abuse Hotline. *Health Promotion Practice*.
 6. 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*.
 7. **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*.
 8. Park J-H., Kim S.J., Medina M., **Prochnow T.**, Min K., & Chang J. (In Press). Are comorbidities associated with differences in healthcare utilization among lung cancer patients in US hospitals? Focusing on variances by patient and socioeconomic factors. *Chronic Illness*.
 9. Smith M. L., **Prochnow, T.**, Sefcik, J., Petrovsky D.V., Bacsu J.D.R., Rahemi Z., Lin H-C, & Merianos, A. L. (In Press). Buying Science: Considerations for Academic Productivity and Scholarship. *Health Behavior Research*
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- 2024**
10. Jackson D., **Prochnow T.**, & Ettekal AV. (2024) Programs Promoting Physical Activity and Social-Emotional Learning for Adolescents: A Systematic Literature Review. *Journal of School Health*.
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11. Lightner J.S., Schneider J., Grimes A., Wigginton M., Curran L., Gleason T., & **Prochnow, T.** (2024). Physical activity among transgender individuals: A systematic review of quantitative and qualitative studies. *PLOS ONE* Impact Factor: 3.240
 12. Amo C. & **Prochnow T.** (2024) An iSOPARC Case Study of Physical Activity at a Pop-up Park. *Research Quarterly for Exercise and Sport*.
 13. **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*.
 14. Wende M. E., Umstattd Meyer M. R., Perry C., **Prochnow T.**, Bridges Hamilton C. N., Abildso C. G., & Pollack Porter K. M. (2024). Implementation characteristics that may promote sustainability of a rural physical activity initiative: Examination of Play Streets through the lens of community implementers. *Implementation Science Communications*.
 15. Jackson D., Brown A., Curran L., Ettekal A.V., Park J-H., Howell E., Amo C., & **Prochnow T.** (2024) The EmpowerHER Program: Developing a Curriculum to Foster Social-Emotional Learning and Physical Activity Among Adolescent Girls in a Summer Care Program. *American Journal of Health Education*.

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- 2023**
16. **Prochnow, T.**, Park J-H., & Patterson M.S. (2023). Intramural sports social networks and implications for college student physical activity, sense of community, and retention. *Journal of American College Health*.
 17. 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*; Impact Factor: 2.300
 18. **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*. Impact Factor: 1.424
 19. **Prochnow, T.**, Johannes, B.L., Merianos, A.L., Bascu, J.D.R., & Smith, M.L. (2023) Overcoming hesitancy to submit manuscripts for peer review. *Health Behavior Research*
 20. Patterson M.S., Spadine M., Francis A., & **Prochnow T.** (2023). 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*. Impact Factor: 0.410
 21. Park J-H., **Prochnow T.**, Chang J., & Kim S.J (2023). Health-Related Behaviors and Psychological Status of Adolescent Patients with Atopic Dermatitis: The 2019 Korea Youth Risk Behavior Web-based Survey. *Patient Preference and Adherence*. Impact Factor: 2.314
 22. Patterson, M. S., Francis, A. N., **Prochnow, T.**, & Gagnon, L. (2023). 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*.
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23. **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*. Impact Factor: 2.592
 24. **Prochnow T.**, Patterson M.S., Hartnell L., & Umstattd Meyer M.R. (2023). Online gaming network communication dynamics, depressive symptoms, and social support: a longitudinal network analysis. *Sociological Focus*. Impact Factor: 1.194
 25. Park J.H., **Prochnow T.**, Amo C., Curran L., & Smith M.L. (2023) Differences in Physical Activity, Sedentary Behavior, and Mental Health of Older Population Based on Marital Status and Gender. *International Journal of Environmental Research and Public Health*. 20(3) doi:10.3390/ijerph20031726 Impact Factor: 4.614
 26. **Prochnow T.**, Arlinghaus K.R., & Johnston C.A. (2023). The Importance of Social Networks for Support and Health Beliefs Throughout Pregnancy. *American Journal of Lifestyle Medicine*. 17(1) doi: 10.1177/15598276221129821. Impact Factor: 1.243
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- 2022**
27. **Prochnow T.**, Curran L., Valdez D., Brown C.T., Sammons Hackett D., & Auld M.E. (2022). Multifaceted Scoping Review of Black/African American Transportation and Land Use Expert Recommendations on Activity-Friendly Routes to Everyday Destinations. *Health Promotion Practice*. doi: 10.1177/15248399221133725. Impact Factor: 1.111
 28. Delgado, H., Umstattd Meyer, M.R., **Prochnow T.**, McClendon M., & Sharkey J.R. (2022). Relationships Between Self-regulation and use of Parenting Strategies for Eating and Physical Activity Behaviors Among Mexican-Heritage Mothers. *Health Behavior Research*. 5(3), 1-17. doi: 10.4148/2572-1836.1152. Impact Factor: n/a (new journal)
 29. Patterson, M.S., Amo, C., Francis, A. N., Heinrich, K. M., **Prochnow, T.**, Hunyadi, J., & Miller, S. N. (2022). The importance of social connections in combating compulsive exercise among group-exercise participants: A network analysis. *Mental Health & Social Inclusion*. 26(4). doi: 10.1108/MHSI-03-2022-0016 Impact Factor: 0.388
 30. **Prochnow T.**, Patterson M.S., & Umstattd Meyer M.R. (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) doi:10.1108/JCS-10-2021-0039. Impact Factor: 0.720
 31. Esmonde K., Pollack Porter K.M., Mahoney P., **Prochnow T.**, Bridges Hamilton C.N., Umstattd Meyer M.R. (2022). Lessons from Sustainability of Play Streets in the United States. *Preventive Medicine Reports*. Vol. 28 doi: 10.1016/j.pmedr.2022.101894. Impact Factor: 2.813
 32. Patterson, M. S., Spadine, M. N., 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) doi: 10.1177/10901981221090155 Impact Factor: 4.444
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33. Patterson, M. S., **Prochnow, T.**, Russel, A., Fehr, S., & Barry, A. (2022). Associations between sexual assault victimization and risky drinking within college women's personal networks. *Violence Against Women*. 28(11) doi: 10.1177/10778012221077128 Impact Factor: 2.328
 34. **Prochnow T.**, Umstattd Meyer M. R., Bridges Hamilton C. N., Wilkins, E. & Pollack Porter K. M. (2022) Real-time video scan System for Observing Play and Recreation in Communities (SOPARC) adaptation for community partner use to inform Play Streets implementation. *Health Promotion Practice*. 23(6) doi: 10.1177/15248399211009789. Impact Factor: 1.111
 35. **Prochnow T.**, Oglesby L., Patterson M.S., & Umstattd Meyer M.R. (2022) Feelings of burnout among group fitness instructors: a mixed methods approach. *Managing Sport & Leisure*. 27(5). doi: 10.1080/23750472.2020.1825986. Impact Factor: 2.070
 36. Patterson, M. S., **Prochnow, T.**, Nelon, 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). doi: 10.1080/07448481.2020.1841777. Impact Factor: 3.087
 37. Umstattd Meyer M. R., **Prochnow T.**, Ylitalo K.R., Gomez L., & Sharkey J.R. (2022) Beyond walking: An assessment and description of streets as potential physical activity places in low-income communities. *Journal of Healthy Eating and Active Living*. doi: 10.51250/jheal.v2i3.41. Impact Factor: n/a (new journal)
 38. 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). doi: 10.1080/1612197X.2021.1987961 Impact Factor: 3.304
 39. **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) doi: 10.1080/02701367.2020.1864261. Impact Factor: 2.500
 40. Lightner, J., McKinney, L.P., Hoppe, K., Zeigler, N., Gardiner, K., Clardy, S., **Prochnow T.**, & Collie-Akers V. (2022) Community Health Improvement Plan: Study protocol for Kansas City's intervention and implementation evaluation. *Public Health in Practice*. doi: 10.1016/j.puhip.2022.100340 Impact Factor: 2.444
 41. Johnson C.M., Allicock M.A., Sharkey J.R., Umstattd Meyer M.R., Gomez L., **Prochnow T.**, Laviolette C., Beltran E., & Garza L. (2022) Promotoras de salud in a father-focused nutrition and physical activity program for border communities: Approaches and lessons learned from collaboration. *International Journal of Environmental Research and Public Health*. 19(9). doi: Impact Factor: 3.390
 42. **Prochnow T.**, Patterson M. S., Bridges Hamilton C. N., & 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 & Behavior*. 49 (5): 770-779 doi: 10.1177/10901981221076399. Impact Factor: 4.444
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43. **Prochnow T.**, Patterson M.S., Umstattd Meyer M.R., Lightner J.S., Gomez L., & Sharkey J.R. (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*. doi:. Impact Factor: 3.390
 44. **Prochnow, T.**, Lightner J.S., Patterson M.S., Shank J., & McBain R. (2022). A longitudinal model of communication networks among HIV service providers in a Ryan White system during data integration. *Journal of Interprofessional Education & Practice*. 27. doi: 10.1016/j.xjep.2022.100514. Impact Factor: 0.740
 45. **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). doi: 10.1177/08901171211060701. Impact Factor: 2.870
 46. **Prochnow T.**, Umstattd Meyer M.R., Patterson M.S., Meyer A., Talbert T., & Sharkey J. (2022) Qué Está Haciendo Papá? Mexican-Heritage Fathers' Physical Activity Networks after a Father-Focused Health Program. *Family & Community Health*. 45(2). doi: 10.1097/FCH.0000000000000319. Impact Factor: 1.424
 47. **Prochnow T.**, Umstattd Meyer M.R., & Pollack Porter K.M. (2022). I play, you play, we play: Concurrent activity at Play Streets. *Research Quarterly for Exercise and Sport*. 93(1). doi: 10.1080/02701367.2020.1792399. Impact Factor: 2.500
 48. **Prochnow T.**, Amo C., Patterson M.S., & Heinrich K.M. (2022) I CrossFit; Do you? Peer similarity of physical activity behavior in a group high intensity functional training setting. *International Journal of Environmental Research and Public Health*. 19(9). doi: 10.3390/ijerph19094932. Impact Factor: 3.390
 49. **Prochnow T.**, Umstattd Meyer M.R., Patterson M.S., Meyer A., 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). doi: 10.1080/19325037.2021.2020184. Impact Factor: 1.211

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- 2021**
50. **Prochnow T.**, Pickett A., Gómez L., Sharkey J., & Umstattd Meyer M.R. (2021) Maternal perceptions of physical activity spaces for children in Texas border colonias. *Hispanic Journal of Behavioral Sciences*. 43(4). doi: 10.1177/07399863211044887. Impact Factor: 0.797
 51. Ross A., Edmeade J., & **Prochnow T.** (2021). Effectiveness of disseminating school physical activity information on Facebook during a pandemic: A mixed method analysis. *Journal of School Health*. 91(11). doi: 10.1111/josh.13083. Impact Factor: 1.673
 52. **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. *Child and Youth Services Review*. 172, 106108. doi: 10.1016/j.childyouth.2021.106108. Impact Factor: 2.393
 53. Johnson C.M., Sharkey J.R., Umstattd Meyer M.R., Gomez L., Allicock M.A., **Prochnow T.**, Beltran E., & Martinez L. (2021) Designing for multi-level behavior change: A nutrition and physical activity program for
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Mexican-heritage families in South Texas border communities. *International Journal of Environmental Research and Public Health*. 18(19). doi:10.3390/ijerph181910117. Impact Factor 3.390

54. Umstatted Meyer M.R., **Prochnow T.**, Pickett A.C., Perry C.K., Bridges Hamilton C.N., Abildso C.G., & Pollack Porter K.M. (2021) The effects of Play Streets on social and community connectedness in rural communities. *International Journal of Environmental Research and Public Health*. 18(19). doi: 10.3390/ijerph18199976. Impact Factor: 3.390
55. McClendon M., Umstatted Meyer M.R., **Prochnow T.**, Ylitalo K.R., Meyer A.R., Bridges Hamilton C.N., & Sharkey J. (2021) *¿Qué pasa con papá?* Exploring paternal responsibilities and physical activity in Mexican-heritage families. *International Journal of Environmental Research and Public Health*. 18(16). doi: 10.3390/ijerph18168618. Impact Factor: 3.390
56. **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 children at summer care programs. *Child & Youth Services*. 42(2), 136-149. doi: 10.1080/0145935X.2021.1926228. Impact Factor: 1.226
57. **Prochnow T.**, Umstatted Meyer M.R., Johnson C., Delgado H., Gomez L., & Sharkey J. (2021) The development and pilot testing of the ¡Haz Espacio para Papi! program physical activity curriculum for Mexican-heritage fathers and children. *American Journal of Health Education*. 52(3). doi: 10.1080/19325037.2021.1902888. Impact Factor: 1.211
58. **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 and Social Inclusion*. 25(3), 243-253. DOI: 10.1108/MHSI-02-2021-0011. Impact Factor: 0.410
59. Valdez D., Patterson M.S., & **Prochnow T.** (2021) The importance of interdisciplinary frameworks in social media mining: An exploratory approach between Computational Informatics and Social Network Analysis (SNA). *Health Behavior Research*. 4(2). DOI: 10.4148/2572-1836.1098. Impact Factor: n/a – new journal
60. **Prochnow T.**, Umstatted 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. Impact Factor: 1.424
61. **Prochnow T.**, Patterson M.S. & Umstatted 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. Impact Factor: 3.087
62. **Prochnow T.**, Patterson M.S., Bridges Hamilton C.N., Delgado H., Craig S., & Umstatted Meyer M.R. (2021) Network autocorrelation of perceived physical activity skill competence among adolescents at a summer care program: A pilot study. *American Journal of Health Promotion*. 35(3), 430-433. doi: 10.1177/0890117120958544. Impact Factor: 2.870

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63. Patterson, M. S., Gagnon, L. R., Vukelich, A., Brown, S. E., Nelon, 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. Impact Factor: 3.087
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- 2020** 64. Umstatted Meyer M. R., Ylitalo K. R., **Prochnow T.**, Gómez L. A., & Sharkey J. R. (2020). Physical Activity Space Methodology for Assessment and Prioritization (PASMAP): Combining systematic observations with community perceptions to identify community physical activity resource priorities. *Health & Place*. 66. doi: 10.1016/j.healthplace.2020.102443. Impact Factor: 3.200
65. **Prochnow T.**, Umstatted Meyer M. R., Bridges Hamilton C. N., & Pollack Porter K. M. (2020) Differences in child physical activity levels at rural Play Streets due to activity type and sex. *Journal of Healthy Eating and Active Living*. doi: 10.51250/jheal.v1i1.5. Impact Factor: n/a (new journal)
66. **Prochnow T.**, Umstatted Meyer M.R., Patterson M.S., McClendon M., Trost S., Gomez L., & Sharkey J. (2020) *Papás Activos*: Associations between physical activity and personal networks among fathers living in Texas *colonias*. *International Journal of Environmental Research and Public Health*. 17(24), 9243. doi: 10.3390/ijerph17249243. Impact Factor: 3.390
67. 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. Impact Factor: 3.390
68. **Prochnow T.**, Patterson M.S., Sharkey J., & Umstatted Meyer M. R. (2020) Health coalition collaboration network, perceived satisfaction, and success. *Journal of Health Organization and Management*. 34(8), 885-897. doi: 10.1108/JHOM-04-2020-0120. Impact Factor: 1.457
69. **Prochnow T.**, Patterson M.S., & Umstatted 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. Impact Factor: 1.538
70. Lightner J.S., Shank J., McBain R., & **Prochnow, T.** (2020). The social network of medical case managers, housing providers, and health department staff in the Ryan White HIV/AIDS Program: A Midwest case study. *PLOS ONE*. 15(8). doi:10.1371/journal.pone.0238430 Impact Factor: 3.240
71. **Prochnow T.**, van Woudenberg TJ. & Patterson M.S. (2020). Network effects on adolescent perceived barriers to physical activity. *Journal of Physical Activity & Health*. 17(9), 889-894. doi: 10.1123/jpah.2019-0655. Impact Factor: 2.592
72. **Prochnow T.**, Patterson M.S., Hartnell L., & Umstatted Meyer M.R. (2020). Depressive symptom associations with online and in person networks in an online gaming community: A pilot study. *Mental Health Review Journal*. 25(1), 21-33. doi: 10.1108/MHRJ-11-2019-0044. Impact Factor: 0.980
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73. Patterson M.S., **Prochnow T.**, Richardson, R., & Jackson K. (2020). Using network analysis to conduct a system-wide program evaluation within a university. *Evaluation and Program Planning*. 79. doi: 10.1016/j.evalprogplan.2020.101783. Impact Factor: 1.849
 74. **Prochnow T.**, Patterson M.S., & Hartnell L. (2020). Social support, depressive symptoms, and online gaming network communication. *Mental Health and Social Inclusion*. 20(1), 49-58. doi: 10.1108/MHSI-11-2019-0033. Impact Factor: 0.490
 75. **Prochnow T.**, Delgado H., Patterson M.S., & Umstattd Meyer M. R. (2020). Social network analysis in child physical activity and sedentary behavior research: A systematic literature review. *Journal of Physical Activity & Health*. 17(2). doi: 10.1123/jpah.2019-0350. Impact Factor: 2.592
 76. Bridges C. N., **Prochnow T.**, Wilkins E. C., Pollack Porter K. M., & Umstattd Meyer M. R. (2020). Examining the implementation of Play Streets: A systematic review of the grey literature. *Journal of Public Health Management & Practice*. 26(3). Impact Factor: 1.791
 77. Patterson M.S., Russell A., Spadine M.N., **Prochnow T.**, & Heinrich K.M. (2020). Impact of social networks, mental health, and sobriety on exercise within a collegiate recovery community. *Health Behavior Research*. 3(1), 1-17. doi: 10.4148/2572-1836.1074. Impact Factor: n/a (new journal)
 78. Umstattd Meyer, M. R., **Prochnow, T.**, Bridges, C., Carlton, T., Wilkins, E., Arnold, K., McClendon, M., McKenzie, T., & Pollack Porter, K. M. (2020). Assessing physical activity in temporary spaces: Application of SOPARC / iSOPARC® for Play Streets. *Research Quarterly for Exercise and Sport*. 91(2). doi: 10.1080/02701367.2019.1656793. Impact Factor: 2.500

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- 2019**
79. Patterson, M. S., **Prochnow, T.**, & Goodson, P. (2019). The spread and utility of social network analysis across a group of health behavior researchers. *Health Behavior Research*. 2(4). doi:10.4148/2572-1836.1063. Impact Factor: n/a
 80. Umstattd Meyer M. R., Bridges C. N., **Prochnow T.**, Arnold K. T., McClendon M. E., Williams T. D., Abildso C., & Pollack Porter K. M. (2019). Come together, play, be active: Physical activity engagement of school-age children at Play Streets in four diverse rural communities in the U.S. *Preventive Medicine*. 129. doi: 10.1016/j.ypmed.2019.105869. Impact Factor: 4.018
 81. Pollack Porter K.M., **Prochnow T.**, Mahoney P., Bridges Hamilton C.N., Delgado H., Wilkins E., Umstattd Meyer M.R. (2019). Transforming city streets to promote physical activity and health equity. *Health Affairs*. 38(9). doi: 10.1377/hlthaff.2019.00454. Impact Factor: 4.996
 82. Salazar-Collier C. S., **Prochnow T.**, Clendennen S. L., Sumrall J., & Umstattd Meyer M. R. (2019). Churches as physical activity resources: A descriptive assessment. *Health Behavior and Policy Review*. 6(4). doi: 10.14485/hbpr.6.4.4. Impact Factor: n/a
 83. **Prochnow T.**, Ylitalo K., Sharkey J. & Umstattd Meyer M. R. (2019). Perceived physical activity barriers of Mexican-heritage sibling dyads. *American Journal of Health Behavior*. 43(4). doi: 10.5993/AJHB.43.4.11. Impact Factor: 1.970

Scientific Presentations

- 2024**
1. Curran, L. & **Prochnow, T.** (November 20-22, 2024). *Active aging among LGBTQ+ adults with and without mobility disabilities*. Accepted as an oral presentation at the Seventh International Conference on Universal Design (UD2024), Oslo, Norway.
 2. **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.
 3. Grimes, A., Frisch, M., Leninkannan, M., Sylvaine, C., Lightner, J., & **Prochnow, T.** (Oct 27-30, 2024). *Bike share on college campuses: A review of evidence on the impacts of implementation on adoption, physical activity, and health*. Poster presentation at the American Public Health Association Annual Meeting and Expo., Minneapolis MN.
 4. Park, J-H., **Prochnow T.**, Smith M. L., Kim, S. (Oct 27-30, 2024). *Opioid use disorders matter and health disparities of healthcare utilization among chronic pain patients: Using representative national inpatient sample of US hospitals in 2016-2020*. A poster presentation at the American Public Health Association (APHA) Annual Meeting and Expo. Minneapolis, MN.
 5. **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.
 6. Amo C., Patterson M.S., **Prochnow T.**, Francis A.N., Heinrich K., & Park J-H. (June 24-30, 2024). *A Sociocentric Network Analysis of Self-efficacy and Social Connection Among CrossFitters*. Accepted as a poster presentation at the International Network for Social Network Analysis Annual Sunbelt Conference, Edinburgh, Scotland.
 7. **Prochnow T.**, Keightley S., & Lease M. (June 24-30, 2024). *Connecting Network Centrality to Peer Relationships and Sociability in Classrooms*. Accepted as a poster presentation at the International Network for Social Network Analysis Annual Sunbelt Conference, Edinburgh, Scotland.
 8. Blake, J.J., Lease, A. M., Chen, S., Liew, J., **Prochnow, T.**, Guillott, J., & Li, X. (2024, June). *Dispositional Traits Associated with Nonverbal Social Aggression in Middle Childhood*. Poster presented at the 27th Biennial Meeting of the International Society for the Study of Behavioural Development, Lisbon, Portugal.
 9. Li, X., Liew, J., Lease, M., **Prochnow, T.**, & Blake, J. (June 16-20, 2024). *Interpersonal relations, friendship motivation types, and social wellness among Black children in majority Black and majority White U.S. schools*. Accepted as a poster presentation at International Society for the Study of Behavioural Development (ISSBD) conference. Lisbon, Portugal
 10. Liew, J., Li, X., **Prochnow, T.**, Lease, M., & Blake, J. (June 16-20, 2024). *Emotional reactivity and self-regulation as risk and protective factors in school disconnectedness, anxious-depressive symptoms, and loneliness*. Paper presented at the paper symposium on "Emotionality, Self-regulation, and Prosocial Behavior as Risk or
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Protection for Loneliness and Internalizing Emotions in Children and Young Adults" at the 27th Biennial Meeting of the International Society for the Study of Behavioural Development (ISSBD), Lisbon, Portugal.

11. Park J-H., **Prochnow T.**, Smith M. L., Amo C., Chang J. (May 28-31, 2024). *A Meta-analysis Of Exercise Intervention And Physical Functioning, Quality Of Life, And Symptom Relief In Older Parkinson's Patients*. Accepted as a poster presentation at the 2024 Annual Meeting and World Congresses of the American College of Sports Medicine, Boston, MA.
12. **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
13. **Prochnow, T.**, Wang, W-L., Wang, S., Li, J., Intille, S., Hedeker, D., & Dunton, G. (May 20-23, 2024). *Understanding ecological momentary assessment compliance in a 12- month multi-measurement burst sampling design in the TIME study*. Accepted as an oral presentation at the 2024 International Society of Behavioral Nutrition and Physical Activity Meeting, Omaha, NE
14. Johannes, B., Ortiz, S., **Prochnow, T.**, & Smith M.L. (May 4-8, 2024). *Barriers to annual routine visits among rural patients: The role of provider distrust*. Accepted as an oral presentation at the Society of Teachers of Family Medicine Annual Conference, Los Angeles, CA.
15. Cisneros-Franco, C. L., Brandford, A., Bergeron, C. D., Sherman, L. D., **Prochnow, T.**, Zumwalt, R., & Smith, M. L. (April 14-17, 2024). Assessing situation awareness for healthful behaviors and the self-care gap among non-Hispanic Black and Hispanic men with chronic conditions. Presented at the American Academy of Health Behavior Annual Conference, Savannah, GA.
16. **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.
17. Wende ME, Umstatted Meyer MR, Enriquez S, Bridges Hamilton C, **Prochnow T**, & Sharkey JR. (April 14-17,2024) *Strategies for paternal and child physical activity: application of the social-ecological model to dyadic interviews among Mexican heritage fathers*. Poster presentation accepted for the American Academy of Health Behavior Annual Scientific Meeting, Savannah, GA.
18. Handley, S., Patterson, M.S., Heinrich, K.M., Francis, A.N., Khanhkham, S., 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.
19. Zhong, S., Curran, L.S., Yang, H., Hahm, Y., **Prochnow, T.**, & Lee, C. (March 20-23, 2024). *Intergenerational Communities for Health: Insights from Nationwide Expert Interviews*. Accepted as a presentation at the Council of Educators in Landscape Architecture Annual Conference, St. Louis, MS.

20. 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.
 21. Pfladderer CD, Hunt ET, **Prochnow T**, Brown DMY, Salvo D, Springer AE. (March 13-16, 2024) *Urban-rural differences in obesity, 24-hour movement guideline adherence and neighborhood characteristics among US children*. 2024 Society of Behavioral Medicine Annual Meeting and Scientific Sessions, Philadelphia, PA.
 22. Curran L., & **Prochnow T.** (Mar 25-28, 2024). *Adaptation of a Systematic Observation Tool for Social Interaction and Physical Activity: Lessons Learned*. Accepted as a poster presentation at the 20th Annual Active Living Conference, Chattanooga, TN.
 23. Koehly L., **Prochnow T.**, & Wilkinson A. (Mar 25-28, 2024). *Encouragement in Motion: Family Network Factors Related to Physical Activity in Mexican Americans*. Accepted as an oral presentation at the 20th Annual Active Living Conference, Chattanooga, TN.
 24. **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.

 - 2023** 25. Park, J-H., **Prochnow, T.**, Smith, L. M., Amo, C., Chang, J. (Dec 1-2, 2023). *Effectiveness of Exercise Intervention for Older Adults with Parkinson's Disease: A Systematic Review of Randomized Controlled Trials*. Accepted as a poster presentation at the International Conference of Korean Movement Disorder Society (ICKMDS). Bexco, Busan, South Korea.
 26. Patterson, M. S., **Prochnow, T.**, Amo, C., Francis, A. N., & Green, E. (Nov 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.
 27. **Prochnow, T.**, Park, J-H. & Patterson, M. S. (Nov 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.
 28. Lightner, J.S., Grimes, A., Wigginton, M., Schneider, J., & **Prochnow, T.** (Nov 12-15, 2023). *Physical activity among transgender individuals: A systematic review*. Accepted as an oral presentation at the American Public Health Association (APHA) Annual Meeting and Expo. Atlanta, Georgia.
 29. Smith, M. L., Bergeron, C. D., Sherman, L. D., Cisneros-Franco, C. L., Oloruntoba, O., **Prochnow, T.**, , Luu, V., Johannes, B. L., Kew, C. L., & Merianos, A. L. (Nov 8-12, 2023). *Barriers to disease self-care among older non-Hispanic Black and Hispanic men with chronic conditions*. Presented at the Gerontological Society of America Annual Conference, Tampa, FL
 30. Yang H., Song, Y., Lee, C. & **Prochnow T.** (Oct. 19-21, 2023). *Defining Social Segregation and Identifying the Role of Public Spaces in Social Interaction: A Data-driven Case Study in Laredo, Texas*. Accepted as a presentation at 2023 Association of Collegiate Schools of Planning Annual Conference, Miami, FL.
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31. Yang H., Song, Y., & **Prochnow T.** (June 27-July 1, 2023). *Who we get social exposed in public spaces? A big data-driven case study in Laredo, TX.* Accepted as a poster presentation at the International Network for Social Network Analysis Annual Sunbelt Conference, Portland, OR
 32. Koehly L., Hollstein B., Lin J., Mooseder A., Pfeffer J., **Prochnow T.**, & Shafie T. (June 27-July 1, 2023). *Characterizing malfeasance, nonfeasance, and uplift relationships within interconnected convoys of parents caring for children with rare disease.* Accepted as an oral presentation at the International Network for Social Network Analysis Annual Sunbelt Conference, Portland, OR
 33. **Prochnow T.**, Park J-H., & Patterson M.S. (June 27-July 1, 2023). *Intramural sports social networks and implications for college student physical activity, sense of community, and retention.* Accepted as an oral presentation at the International Network for Social Network Analysis Annual Sunbelt Conference, Portland, OR.
 34. 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.
 35. Arlinghaus K., & **Prochnow T.** (June 14-17, 2023). *Influence of body mass index z-score on social connections during a school-based obesity intervention.* Accepted as a poster presentation at the 2023 International Society of Behavioral Nutrition and Physical Activity Annual Meeting, Uppsala, Sweden.
 36. Arlinghaus K., & **Prochnow T.** (June 14-17, 2023). *Peer similarity in objectively assessed physical activity during physical education class.* Accepted as an oral presentation at the 2023 International Society of Behavioral Nutrition and Physical Activity Annual Meeting, Uppsala, Sweden.
 37. Park J-H., **Prochnow T.**, Amo C., Curran L., & Matthew L.S. (May 30-Jun 2, 2023). *Physical Activity, Sedentary Behavior, And Mental Health Differences Among Older Adults Based On Marital Status.* Accepted as a poster presentation at the 2023 Annual Meeting and World Congresses of the American College of Sports Medicine, Denver, CO.
 38. Brown, D. M. Y., **Prochnow, T.** & Liu, S. (April 26-29, 2023). Dyadic influences on physical activity behavior among first-year college roommates: A feasibility study. Paper to be presented in Symposium "Implementing mobile health interventions and observational studies using a "no-code" app development platform" at the 44th annual meeting and scientific session of the Society for Behavioral Medicine, Phoenix, AZ, USA.
 39. Curran L. & **Prochnow T.** (Mar 13-16, 2023). *Ecological Perspectives on Equitable Mobility for Active Living Promotion.* Accepted as a poster presentation at the 19th Annual Active Living Conference, Bethesda, MD.
 40. Park J-H., **Prochnow T.**, Flores S., Jackson D., Patterson M.S., & Umstattd Meyer M.R. (Mar 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, MD.
 41. Jackson D., **Prochnow T.**, Patterson M.S., & Umstattd Meyer M.R. (Mar 13-16, 2023). *Identifying social network*
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characteristics associated with adolescent physical activity skill competency. Accepted as an oral presentation at the 19th Annual Active Living Conference, Bethesda, MD.

42. **Prochnow T.**, Patterson M.S., Amo C., Francis A., Curran L., Park J.H., Jackson D., & Green E. (Mar 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.

43. Patterson, M. S., Heinrich, K.M., & **Prochnow, T.** (Mar 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 Annual Meeting. San Francisco, CA.

2022 44. Delgado H., Umstadd Meyer M.R., **Prochnow T.**, McClendon M., & Sharkey J. (Nov 6-9, 2022). *Structural Racism and its Influence on Sexual and Reproductive Health Inequities Among Latinx Immigrant Youth.* Accepted as a poster presentation at the 2022 American Public Health Association Annual Meeting, Boston, MA.

45. Amo C., Harvey I., & **Prochnow T.** (Nov 6-9, 2022). *COVID-19's Influence on Mental Health and Physical Activity: A Narrative Literature Review.* Accepted as a poster presentation at the 2022 American Public Health Association Annual Meeting, Boston, MA.

46. Patterson, M. S., Klimek S., **Prochnow, T.**, Flores S., Spiller K., & Alamonsour N. (Nov 6-9, 2022). *The importance of support networks for intimate partner violence disclosure: An egocentric network analysis.* Accepted as an oral presentation at the 2022 American Public Health Association Annual Meeting, Boston, MA.

47. Amo C. & **Prochnow T.** (Nov 6-9, 2022). *Pop – Up Play to Save the Day: A Case Study of Physical Activity at a Pop-up Park.* Accepted as an oral presentation at the 2022 American Public Health Association Annual Meeting, Boston, MA.

48. Patterson, M. S., Francis, A. N., **Prochnow, T.**, & Spadine, M. N. (Nov 6-9, 2022). *How social networks associate with body image concerns among college women.* Accepted as an oral presentation at the 2022 American Public Health Association Annual Meeting, Boston, MA.

49. **Prochnow T.**, Amo C., Francis A., Curran L., Delgado E., Solis B., Green E., Williams A., & Patterson M.S. (Nov 6-9, 2022). *Cultivating an active living plan through a social ecological evaluation.* Accepted as an oral presentation at the 2022 American Public Health Association Annual Meeting, Boston, MA.

50. 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.* Accepted as a poster presentation at the 2022 INSNA Sunbelt Annual Meeting, Cairns, Australia.

51. **Prochnow T.**, Amo C., Patterson M.S., & Heinrich K.M. (July 12-16, 2022). *Physical activity peer similarity in group high intensity functional training.* Accepted as a poster presentation at the 2022 INSNA Sunbelt Annual Meeting, Cairns, Australia.

52. 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.

Accepted as a poster presentation at the 2022 International Society of Behavioral Nutrition and Physical Activity Annual Meeting, Phoenix, AZ.

53. **Prochnow T.**, Amo C., & Curran, L.S. (May 18-21, 2022). *Simultaneous investigation of social and built environment influences on physical activity: A systematic review.* Accepted as a poster presentation at the 2022 International Society of Behavioral Nutrition and Physical Activity Annual Meeting, Phoenix, AZ.
54. Patterson, M. S., Francis, A. N., Amo, C., **Prochnow, T.**, Hunyadi, J., Heinrich, K. M., & Miller, S. (Mar. 13-16, 2022). *Exploring Compulsive Exercise Behaviors within CrossFit Gyms: A Social Network Analysis.* Selected as a poster presentation at the 2022 American Academy of Health Behavior Annual Meeting. Key Largo, FL.
55. Khanhkham A., & **Prochnow T.** (Mar. 13-16, 2022). *Associations Between Mental Health, Sense of Community, Social Support, and an Online Gaming Network.* Accepted as a poster presentation at the 2022 American Academy of Health Behavior Annual Meeting, Key Largo, FL.
56. Amo C., Khurshid A., Patterson M.S., **Prochnow T.**, & Barry A. (Mar. 13-16, 2022). *COVID-19's Impact on Mental Health Among College Students.* Accepted as a poster presentation at the 2022 American Academy of Health Behavior Annual Meeting, Key Largo, FL.
57. Flores S.A., **Prochnow T.**, Patterson M.S., Sharkey J., & Umstattd Meyer M.R. (Mar. 13-16, 2022). *The webs we weave: Inter-organizational collaboration within the Olympic Peninsula Healthy Community Coalition.* Accepted as a poster presentation at the 2022 American Academy of Health Behavior Annual Meeting, Key Largo, FL.
58. Amo C., Khurshid A., Patterson M.S., **Prochnow T.**, & Barry A. (Mar. 13-16, 2022). *Effect of the COVID-19 Pandemic on substance use related outcomes among college.* Accepted as a poster presentation at the 2022 American Academy of Health Behavior Annual Meeting, Key Largo, FL.
59. **Prochnow T.**, Amo C., Patterson M.S., & Heinrich K.M. (Mar. 13-16, 2022). *I CrossFit; Do you? Physical activity peer similarity in group high intensity functional training.* Accepted as a poster presentation at the 2022 American Academy of Health Behavior Annual Meeting, Key Largo, FL.

2021 60. **Prochnow T.**, Umstattd Meyer M.R., Patterson M.S., Gomez L., & Sharkey J. (Oct. 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.* Accepted as a presentation at the 2021 American Public Health Association Annual Meeting, Denver, CO.

61. **Prochnow T.**, Patterson M.S., & Umstattd Meyer M.R. (Oct. 24-27, 2021). *When you can't join the club: Conversations with Boys & Girls Club leaders on providing services during COVID-19.* Accepted as a presentation at the 2021 American Public Health Association Annual Meeting, Denver, CO.

62. Patterson M.S., **Prochnow T.**, Nabil A.K., Russell A., & Barry A. (Oct. 24-27, 2021). *Associations between sexual violence victimization and risky drinking within college women's personal networks* Accepted as a presentation at the 2021 American Public Health Association Annual Meeting, Denver, CO.

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63. Patterson M.S., **Prochnow T.**, & Graves Boswell T. (Oct. 24-27, 2021). *Making the connection: Factors associated with social ties between college students in recovery*. Accepted as a presentation at the 2021 American Public Health Association Annual Meeting, Denver, CO.
 64. **Prochnow T.** & Patterson M.S. (Oct. 24-27, 2021). *Physical activity and social network connectedness: A systematic literature review of social network analysis studies*. Accepted as a presentation at the 2021 American Public Health Association Annual Meeting, Denver, CO.
 65. 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*. Accepted as an oral presentation at the Networks 2021: A Joint Conference of Sunbelt and NetSci. Produced online.*
 66. 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. Produced online.*
 67. **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 a presentation at Networks 2021: A Joint Conference of Sunbelt and NetSci. Produced online.*
 68. **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. Produced online.
 69. Trost S., **Prochnow T.**, Sharkey J., & Umstattd Meyer M.R., (June 8-10, 2021). *Accelerometer data processing methods in the ¡Haz Espacio para Papi! Study: Application of machine learning methods for automated activity recognition in adults and children*. Accepted as part of a symposium presentation at the International Society of Behavioral Nutrition and Physical Activity XChange 2021. Produced online.
 70. Umstattd Meyer M.R., **Prochnow T.**, Ylitalo K.R., Sturdivant R., Trost S., Gomez L., Johnson C., & Sharkey J. (June 8-10, 2021). *Physical activity outcomes for Mexican-heritage fathers, mothers, and children participating in ¡Haz Espacio para Papi! a father-focused, family-centered health program*. Accepted as part of a symposium presentation at the International Society of Behavioral Nutrition and Physical Activity XChange 2021. Produced online.
 71. **Prochnow T.**, Umstattd Meyer M.R., Johnson C., Gomez L., & Sharkey J. (June 8-10, 2021). *The development and pilot testing of the ¡Haz Espacio para Papi! program physical activity curriculum for Mexican-heritage fathers and children*. Accepted as part of a symposium presentation at the International Society of Behavioral Nutrition and Physical Activity XChange 2021. Produced online
 72. **Prochnow T.**, Umstattd Meyer M.R., Patterson M.S., Gomez L., & Sharkey J. (April 6-9, 2021). *Will you play with me? Changes in frequency of active play within social networks for Mexican-heritage children participating in a father-focused health program*. Accepted as an Oral Presentation at the 2021 Active Living
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Conference. Produced online.*

73. Umstattd Meyer M.R., Abildso C.G., Walker A., Bridges Hamilton C., Pennington M., Summerall R., & **Prochnow T.** (April 6-9, 2021). *The Guide to Activating Rural America through Active Living Policies: Insights from Communities Creating Access to Places for Physical Activity*. Accepted as an Oral Presentation at the 2021 Active Living Conference. Produced online.*
 74. **Prochnow T.**, Patterson M.S., & Umstattd Meyer M.R. (April 6-9, 2021). *Differences in active play networks and self-reported physical activity among children at summer care programs*. Accepted as an Oral Presentation at the 2021 Active Living Conference. Produced online.*
 75. **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. Produced online.*
 76. Patterson M.S., Heinrich K., **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) 21st Annual Meeting. Produced online.*
 77. **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) 21st Annual Meeting. Produced online.*
 78. Edmeade J., **Prochnow T.**, & Ross A. (March, 2021). *Examining the use of a Facebook group to share COVID related child physical activity information*. Accepted as a poster presentation at the American Academy of Health Behavior (AAHB) 21st Annual Meeting. Produced online.*
 79. Pickett D., **Prochnow T.**, Umstattd Meyer M.R, Gomez L., & Sharkey J. (March, 2021). *Interactions between child sex and maternal perceptions of physical activity space availability: implications for physical activity and screen time among Mexican-heritage children in Texas border colonias*. Accepted as a poster presentation at the American Academy of Health Behavior (AAHB) 21st Annual Meeting. Produced online.*
 80. **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) 21st Annual Meeting. Produced online.*
 81. 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) 21st Annual Meeting. Produced online.*
 82. Spadine M., Graves-Boswell T., **Prochnow T.**, & Patterson M.S. (Jan. 25-27, 2021). *Body image concerns among*
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college women: An egocentric network analysis. Accepted as a presentation at the North American Social Networks Conference, (NASN) Produced online.*

83. Patterson M.S., Amo C., **Prochnow T.**, & Heinrich K. (Jan. 25-27, 2021). *Exploring the Social Environment Relative to Exercise Self-Efficacy within Group-Based High Intensity Functional Training Participants.* Accepted as a presentation at the North American Social Networks Conference, (NASN) Produced online.*

84. **Prochnow T.**, Hartnell L., & Patterson M.S. (Jan. 25-27, 2021). *Developing friendships and social support through online gaming: A mixed methods analysis of online gaming network communication.* Accepted as a presentation at the North American Social Networks Conference, (NASN) Produced online.*

2020 85. Lightner J.S., Shank J., **Prochnow, T.**, & McBain R. (Oct. 24-28, 2020). *Social network analysis of medical and housing providers to coordinate care for HIV+ individuals with housing insecurity.* Selected as a poster presentation at the American Public Health Association (APHA) 148th Annual Meeting. San Francisco, CA. Produced online.*

86. Patterson, M. S., **Prochnow, T.**, Spadine, M. N., Brown, S., Nelon, J. L., & Lanning, B. (Oct. 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. Produced online.*

87. Patterson, M. S., Apostolopoulos, Y., Nelon, J. L., Lemke, M., Sonmez, S., Hege, A., & **Prochnow, T.** (Oct. 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. Produced online.*

88. **Prochnow T.**, Patterson M.S., Bridges Hamilton C.N., Delgado H., & Umstattd Meyer M.R. (Oct. 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. Produced online.*

89. **Prochnow T.**, Delgado H., Patterson M.S., Sharkey J., & Umstattd Meyer M.R. (Oct. 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. Produced online.*

90. **Prochnow T.**, Patterson M.S., & Umstattd Meyer M.R. (Sept. 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. **Voted Best Presentation.**

91. Umstattd Meyer M. R., **Prochnow T.**, Bridges Hamilton C. N., & Pollack Porter K. M. (June 17-19, 2020). *Rural Play Streets: Implementation, guide development, and dissemination.* Accepted as a podium presentation at the 2020 Annual Rural Health Conference. Produced online.*

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92. McCord C., **Prochnow T.**, Patterson M. S., Garney W., Nelon, J. L., & Hartnell, L. (June 2-7, 2020). *How social support and depressive symptoms relate to connections made among online gamers*. Accepted as an oral presentation at the International Network for Social Network Analysis Sunbelt Conference. Paris, France. Produced online.*
93. Patterson M. S., **Prochnow T.**, Nelon, J. L., Garney W., & McCord C. (June 2-7, 2020). *Impact of egocentric networks on physical, emotional, and sexual violence among a sample of college students*. Accepted as an oral presentation at the International Network for Social Network Analysis Sunbelt Conference. Paris, France. Produced online.*
94. Nelon, J. L., Patterson M. S., **Prochnow T.**, Garney W., & McCord C. (June 2-7, 2020). *The role of egocentric networks in the formation of rape myth acceptance*. Accepted as a poster presentation at the International Network for Social Network Analysis Sunbelt Conference. Paris, France. Produced online.*
95. **Prochnow T.**, Patterson M.S., Hartnell L., & Umstatted Meyer M. R. (April 1-4, 2020). *Impact of online and offline network and support on depressive symptoms among a network of online gamers*. Accepted as a poster presentation at the Society of Behavioral Medicine (SBM) 41st Annual Meeting. San Francisco, CA. Produced online.*
96. **Prochnow T.**, Bridges Hamilton C. N., Patterson M.S., Delgado H., & Umstatted Meyer M. R. (April 1-4, 2020). *Perceived physical activity competence spatial autocorrelation among adolescent friendship networks at a summer care program*. Accepted as a poster presentation at the Society of Behavioral Medicine (SBM) 41st Annual Meeting. San Francisco, CA. Produced online.*
97. 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*. Accepted as a poster presentation at the Society of Behavioral Medicine (SBM) 41st Annual Meeting. San Francisco, CA. Produced online.*
98. **Prochnow T.**, Delgado H., Patterson M.S., Sharkey J. & Umstatted 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. Produced online.*
99. **Prochnow T.**, Patterson M.S., Bridges Hamilton C.N., Delgado H., & Umstatted Meyer M.R. (March 29-April 1). *Sport participation effects on adolescent play networks at summer care programs*. Accepted as a poster presentation at the 2020 Conference on the Value of Play: PLAY FOR ALL! Clemson, SC. Produced online.*
100. **Prochnow T.**, Umstatted Meyer M.R., & Pollack Porter K.M. (March 29-April 1). *I play, you play, we play: Concurrent play at PlayStreets*. Accepted as a poster presentation at the 2020 Conference on the Value of Play: PLAY FOR ALL! Clemson, SC. Produced online.*
101. Umstatted Meyer M.R., **Prochnow T.**, Bridges Hamilton C.N., Holcombe M., & Pollack Porter K.M. (March 29-April 1). *Guide to Implementing Play Streets in Rural Communities: A Tool to Increase Active Play*. Accepted as an oral presentation at the 2020 Conference on the Value of Play: PLAY FOR ALL! Clemson, SC. Produced online.*
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102. Bridges Hamilton C. N., Umstattd Meyer M. R., **Prochnow T.**, Delgado H., Wilkins E. C., & Pollack Porter K. M. (March 8-11, 2020). *Evaluating youth's perceived physical literacy in Chicago communities while attending PlayStreets*. Accepted as a poster presentation at the American Academy of Health Behavior (AAHB) 20th Annual Meeting. Napa, CA.*
103. Delgado H., **Prochnow T.**, McClendon M., Umstattd Meyer M.R. & Sharkey J. (March 8-March 11). *Relationships between Self-Regulation and use of Parenting Strategies among Mexican-Heritage Mothers*. Accepted as a poster presentation at the American Academy of Health Behavior (AAHB) 20th Annual Meeting. Napa, CA.*
104. **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*. Accepted as a poster presentation at the American Academy of Health Behavior (AAHB) 20th Annual Meeting. Napa, CA.*
105. **Prochnow T.**, van Woudenberg T.J., & Patterson M.S. (March 8-11, 2020). *Network impact on adolescent perceived barriers to physical activity*. Accepted as a poster presentation at the American Academy of Health Behavior (AAHB) 20th Annual Meeting. Napa, CA.*
106. **Prochnow T.**, Patterson M.S., Bridges Hamilton C.N., Delgado H., & Umstattd Meyer M.R. (March 8-11, 2020). *Network clustering based on team sport participation for adolescents attending summer care programs*. Accepted as a poster presentation at the American Academy of Health Behavior (AAHB) 20th Annual Meeting. Napa, CA.*
107. 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*. Accepted as a poster presentation at the American Academy of Health Behavior (AAHB) 20th Annual Meeting. Napa, CA.*
108. 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*. Accepted as a poster presentation at the American Academy of Health Behavior (AAHB) 20th Annual Meeting. Napa, CA.*
109. **Prochnow T.**, Umstattd Meyer M.R., Delgado H., Johnson C., Gomez L., & Sharkey J. (Feb. 2-5, 2020). *Promotora partnerships in the creation of the ¡Haz Espacio para Papi! program to engage Mexican-heritage youth and fathers*. Accepted as a poster presentation at the Annual Active Living Conference. Orlando, FL. **Voted Most Innovative Poster Design Award.**
110. Pollack Porter K.M., **Prochnow T.**, & Umstattd Meyer M.R. (Feb. 2-5, 2020). *The customer discovery "SPRINT": Lessons from disseminating Play Streets to all communities*. Accepted as a poster presentation at the Annual Active Living Conference. Orlando, FL.
111. Bridges Hamilton C. N., Umstattd Meyer M. R., **Prochnow T.**, Delgado H., Wilkins E. C. & Pollack Porter K. M. (Feb. 2-5, 2020). *More than a place to play: Exploring adults' perceptions of spillover effects in Chicago communities with PlayStreets*. Accepted as a poster presentation at the Annual Active Living Conference. Orlando, FL.
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112. Umstatted Meyer M.R., Bridges Hamilton C.N., **Prochnow T.**, & Pollack Porter K.M. (Feb. 2-5, 2020). *Community-engaged development and dissemination of the Guide to Implementing Play Streets in Rural Communities*. Accepted as a poster presentation at the Annual Active Living Conference. Orlando, FL.
113. **Prochnow T.**, Patterson M., Bridges Hamilton C.N. & Umstatted Meyer M.R. (Feb. 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. Orlando, FL.
114. **Prochnow T.**, Patterson M., Cullinan K., & Umstatted Meyer M.R. (Feb. 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. Orlando, FL.
115. **Prochnow T.**, Umstatted Meyer M.R., & Pollack Porter K.M. (Feb. 2-5, 2020). *I play, you play, we play: Concurrent play at PlayStreets*. Accepted as a poster presentation at the Annual Active Living Conference. Orlando, FL.
**Denotes conference presentations which were altered due to COVID-19*

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- 2019** 116. Renbarger R., **Prochnow T.**, Adair K., Abel H., Cassady B., & Scarlett, K. (Nov. 2019). *Are we too old for Ramen? Tackling food insecurity for graduate students*. Accepted as an oral presentation at the National Association of Graduate and Professional Students. Louisville, KY.
117. Pollack Porter K.M., **Prochnow T.**, & Umstatted Meyer M.R. (Dec. 4-6, 2019). *The customer discovery "sprint": Lessons from spreading play streets to all*. Accepted as an oral presentation at the 12th Annual Conference on the Science of Dissemination and Implementation. Arlington, VA.
118. Delgado H., Umstatted Meyer M.R., **Prochnow T.**, Ylitalo K., & Sharkey J. (Nov. 2-6, 2019). *Beyond walking: Conceptualization and assessment of streets as physical activity resources for children and families residing in low-resource, rural communities along the U.S.-Mexico border*. Accepted as an oral presentation at the American Public Health Association Annual Meeting and Expo. Philadelphia, PA.
119. Umstatted Meyer M. R., Bridges C. N., **Prochnow T.**, Arnold K., McClendon M., Wilkins E., Benavidez G., Abildso C., & Pollack Porter K. (Nov. 2-6, 2019). *Increasing opportunities for active play in rural America: Play Streets go rural to help create the healthiest nation*. Accepted as an oral presentation at the American Public Health Association Annual Meeting and Expo. Philadelphia, PA.
120. **Prochnow T.**, Umstatted Meyer M. R., & Pollack Porter K.M. (Sept. 12, 2019). *I play, you play, we play: Concurrent play at Play Streets*. Accepted as a Twitter presentation at the American Public Health Association Physical Activity Twitter Conference. **Voted Best Presentation.**
121. Patterson, M. S., **Prochnow, T.**, & Nelon, J. L. (June 18-23, 2019). *Do egocentric network relationships impact whole network centrality? A case study using a college sorority*. Selected as a poster presentation at the XXXIX Sunbelt Social Networks Conference. Montreal, Quebec.
122. **Prochnow T.**, Delgado H., Patterson M., & Umstatted Meyer M. R. (June 4-7, 2019). *Social Network Analysis in child physical activity and sedentary behavior research: A systematic literature review*. Accepted as an oral
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presentation at the International Society for Behavioral Nutrition and Physical Activity 2019 Annual Meeting. Prague, Czech Republic.

123. Umstattd Meyer M. R., Bridges C. N., **Prochnow T.**, Arnold K. T., McClendon M. E., Wilkins E., Benavidez G., Williams T. D., Abildso C., Morales F. E., & Pollack Porter K. M. (June 4-7, 2019). *Play Streets go rural! Physical activity of children at Play Streets in four diverse rural U.S. communities*. Accepted as an oral presentation at the International Society for Behavioral Nutrition and Physical Activity 2019 Annual Meeting. Prague, Czech Republic.
124. **Prochnow T.**, Patterson M. & Umstattd Meyer M. R. (Mar 10-13, 2019). *Modeling feelings of body dissatisfaction within a sorority using two different relationships*. Accepted as a poster presentation at the 2019 Annual American Academy of Health Behavior. Greenville, SC.
125. **Prochnow T.**, Oglesby L. & Umstattd Meyer M. R. (Mar 10-13, 2019). *Are fitness instructors feeling the burn(out)? An investigation of feelings of burnout and coping strategies among fitness instructors*. Accepted as a poster presentation at the 2019 Annual American Academy of Health Behavior. Greenville, SC.
126. **Prochnow T.**, Umstattd Meyer M. R., Bridges C.N., McClendon M. E., Arnold K.T., Wilkins E., Williams T.D., Carlton T. & Pollack Porter K. M. (Feb. 17-20, 2019). *SOPARC Results for Rural Play Streets*. Accepted as an oral presentation at the Annual Active Living Research Conference. Charleston, SC.
127. **Prochnow T.**, Umstattd Meyer M. R., Bridges C.N., McClendon M. E., Arnold K.T., Wilkins E., Williams T.D., Carlton T. & Pollack Porter K. M. (Feb. 17-20, 2019). *Is three times (at one) the charm? Comparing two SOPARC methodologies for use at Play Streets*. Accepted as a poster presentation at the Annual Active Living Research Conference. Charleston, SC.
128. **Prochnow T.**, Sharkey J., Delgado H. & Umstattd Meyer M. R. (Feb. 17-20, 2019). *Using social network analysis in health coalitions and 5210 implementation*. Accepted as a poster presentation at the Annual Active Living Research Conference. Charleston, SC.
129. **Prochnow T.**, Ylitalo K., Sharkey J. & Umstattd Meyer M. R. (Feb. 17-20, 2019). *Perceived barriers of being physically active during the summer and school-year: How do siblings compare in Mexican-heritage families?* Accepted as a poster presentation at the Annual Active Living Research Conference. Charleston, SC.
130. Umstattd Meyer M. R., Bridges C. N., Wilkins E. C., **Prochnow T.**, & Pollack Porter K. M. (Feb. 17-20, 2019). *Play streets live: developing a real-time video scanning methodology to inform implementation of temporary play spaces*. Accepted as an oral presentation at the Annual Active Living Research Conference. Charleston, SC

2018 131. **Prochnow T.** & Patterson M (Nov. 28-Dec. 1, 2018). *The impact of centrality on body dissatisfaction within a sorority using two network generators*. Accepted as an oral presentation at the 2nd Annual North American Social Networks Conference 2018. Washington D.C. USA.

132. Umstattd Meyer M. R., Bridges C. N., **Prochnow T.**, Arnold K. T., McClendon M. E., Wilkins E., Morales F. E., Benavidez G. A., Williams T. D., Abildso C. & Pollack Porter K. (Mar. 4-7, 2018). *Come together, play, be active:*

Physical activity engagement of children at Play Streets in four diverse rural communities. Accepted as a poster presentation at the 17th Annual Meeting of the American Academy of Health Behavior. Portland, OR.

133. Umstattd Meyer M. R., Ylitalo K. R., Gómez L. A., **Prochnow T.**, & Sharkey J. R. (Mar. 4-7, 2018). *Physical Activity Space Methodology for Assessment and Prioritization (PASMMap): Combining systematic observations with community perceptions to identify community physical activity resource priorities.* Accepted as a poster presentation at the 17th Annual Meeting of the American Academy of Health Behavior. Portland, OR.
134. McClendon, M. E., Umstattd Meyer, M. R., Sharkey, J. R., Perez, C. L., Garcia, R., Bridges, C., **Prochnow, T.** (Feb. 11-14, 2018). *Perceived facilitators and barriers to child physical activity among Mexican-origin mothers.* Accepted as a poster presentation at the Annual Active Living Research Conference: Future-Proofing Activity: Application Across Sectors, Banff, Canada.
135. Umstattd Meyer M. R., Bridges C. N., **Prochnow T.**, Arnold K. T., McClendon M. E., Morales F. E., Benavidez G., Williams T. D., Abildso C., & Pollack Porter K. M. (Feb. 11-14, 2018). *Let them play: Physical activity of children attending Play Streets in four diverse rural communities.* Accepted as an oral presentation at the Annual Active Living Research Conference: Future-Proofing Activity: Application Across Sectors. Banff, CAN.
136. Umstattd Meyer M. R., Bridges C. N., **Prochnow T.**, McClendon M. E., Arnold K. T., Wilkins E., Williams T. D., Carlton T., & Pollack Porter K. M. (Feb. 11-14, 2018). *Applying SOPARC to measure physical activity in temporary play spaces: Assessing Play Streets.* Accepted as a poster presentation at the Annual Active Living Research Conference: Future-Proofing Activity: Application Across Sectors. Banff, CAN.

Research Support

Active

- Identifying the reciprocal associations between the built environment, social networks, and physical activity among youth in the summer. (2024-2029), PI: **Prochnow T.**
 - Source: National Heart, Lung, and Blood Institute K01 (1K01HL169818)
 - Description: This proposed project aims to apply ecological momentary assessment and social network analysis techniques to collect and analyze primary data identifying between and within subject associations between physical activity and the social and built environments within a racially and ethnically diverse sample of youth during the summer.
 - Role: PI
 - Amount: \$804,719
- Making the Connection: Understanding the dynamic social connections impacting type 2 diabetes management among Black/African American men (2023-2025), PI: **Prochnow T.**
 - Source: National Institute of Minority Health and Health Disparities R21 (R21MD019048)
 - Description: This project aims to investigate the dynamic social connections which promote type 2 diabetes self-management among Black/African American men.
 - Role: PI
 - Total Funds Requested: \$419,375
- Communities leading change: Advancing Black and Latino capacity to create nutrition and physical activity environmental and systems change. (2023), PI: Lightner J.
 - Source: Centers for Disease Control and Prevention (CDC-RFA-DP-23-0014)
 - Description: This project aims to utilize community based participatory research techniques to create nutrition and physical activity opportunities and access in Black and Latino communities.
 - Role: Consultant
 - Total Funds Requested: \$1,420,214 (Y1)

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- Longitudinal Social Network Analysis of Online Gamers: Understanding Social Connections, Bridging Social Capital, Bonding Social Capital, and Implications for Mental Health (2023), PI: **Prochnow T.**
 - Source: Huffines Institute
 - Description: Exploratory study to understand implications of bridging and bonding social capital among online gamers and mental health implications.
 - Role: PI
 - Amount: \$7,500
 - Examining Bilingual Children’s Language Environments with Social Network Analysis (2023), PI: Goodrich, Fitton, **Prochnow T.**, & Gerde
 - Source: Texas A&M School of Education and Human Development Catapult Grant
 - Description: Exploratory research program to understand the use of social network analysis and social network influences on bilingual children and language acquisition.
 - Role: Co-PI
 - Amount: \$44,174

Completed - Funded

- Building Recovery Capital through Social Networks: An Investigation of Group-Based Exercise (RECOVER) (2023), PI: Patterson M.S.
 - Source: Texas A&M University Health Science Center Seedling Grant Program
 - Description: Empirical testing of group fitness programs to supplement recovery efforts.
 - Role: Co-I
 - Amount: \$100,000
- If I play, will you? Pilot feasibility of a social network informed summer physical activity program for adolescent girls. (2023), PI: **Prochnow T.**
 - Source: Texas A&M University Health Science Center Seedling Grant Program
 - Description: This project aims to leverage social connections between adolescents at a summer care program to improve girl’s physical activity through a program called Smart Girls+.
 - Role: PI
 - Amount: \$90,000
- Physical and social environments that optimize children’s health and well-being: A multimethod study (2020), PI: Patterson, M.S.
 - Source: Texas A&M Triads for Transformation T3
 - Description: Interdisciplinary collaboration to investigate social and environmental impacts on child health and well-being during summer.
 - Role: Co-I
 - Amount: \$30,000
- Waco-McLennan County Active Living Plan Evaluation and Implementation. (2021), PI: **Prochnow T.**
 - Source: Texas Department of Health & Human Services
 - Description: Multiphase evaluation and update of the Waco McLennan County Active Living Plan
 - Role: PI
 - Amount: \$58,279
- Environmental Scan of Black/African American Expert Discussion and Recommendations on Activity-Friendly Routes to Everyday Destinations. (2021), PI: **Prochnow T.**
 - Source: Centers for Disease Control and Society of Public Health Education
 - Description: An environmental scan of what Black/African American experts are saying related to activity friendly routes to everyday destinations strategies (routes to destinations), that promote or discourage equitable and

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- inclusive access to physical activity for Black/African American communities.
 - Role: PI
 - Amount: \$15,000
 - Assessing the social network changes for Mexican-heritage children and fathers participating in a father-focused family-centered health program. (2021), PI: **Prochnow T.**
 - Source: Baylor University Health, Human Performance, and Recreation Department
 - Description: Dissertation award to investigate the social network changes for Mexican-heritage children and fathers participating in a culturally and contextually tailored health program.
 - Role: PI
 - Amount: \$1,295
 - Youth Engagement in Sport (2019), PIs: Lightner, J.S. & Grimes, A.
 - Source: US Health and Human Services
 - Description: Multi-site physical activity and nutrition intervention to understand how social influences impacts physical activity and nutrition behavior.
 - Role: Consultant
 - Amount: \$769,902
 - Using Social Network Analysis to Determine Individual and Community-Level Impacts of Telehealth Use in a Rural Community (2019), PI: Patterson, M.S., **Prochnow T.** & McCord C.
 - Source: Texas A&M College of Education and Human Development Catapult Grant
 - Description: Pilot testing whole social network data collection in a rural community with the express purpose of understanding Telehealth implementation and impacts.
 - Role: Co-I
 - Amount: \$30,000
 - Speeding Research-tested INTerventions (SPRINT): Play Streets for All (2019), PIs: Umstattd Meyer, M.R. & Pollack Porter, K.M.
 - Source: National Cancer Institutes and Centers for Disease Control
 - Description: Training to strengthen interventions and improve dissemination; specifically, to improve Play Streets dissemination to help promote physical activity and play for all.
 - Role: Co-I
 - Amount: \$21,750
 - Modeling Physical Activity and Friendship in Summer Care Programs (2019), PI: Umstattd Meyer, M.R. & **Prochnow, T.**
 - Source: Baylor University Research Committee Grant Program
 - Description: Examine the effects of a summer care program on child friendships and physical activity.
 - Role: Co-I
 - Amount: \$4,375

Mentorship

Doctoral Students

- 2024- Yunlin Zhou – Chair – HBEH PhD
- 2022- Jeong-Hui Park – Chair - HBEH PhD
- 2022- Jennifer Ramirez-Chavarria – Committee Member – HBEH DrPH
- 2022- Sally Klimek – Committee Member – HBEH PhD
- 2022- Haoyue Yang – Committee Member – ARCH PhD
- 2022- Sara Flores – Chair – HBEH PhD

2022- Liabette Escamilla – Committee Member – PSYC PsyD

2021- Laurel Curran – Chair – HBEH PhD

Masters Students

2022-2024 Jacqueline Vigil – Chair – HBEH MPH

2022-2023 Deja Jackson – Chair - HBEH MS

2021 Allison Francis – Committee Member – HBEH MS

Teaching

Assistant Professor – Texas A&M University

<u>Semester</u>	<u>Course Number</u>	<u>Title</u>	<u>Enrollment</u>
Spring 2024	HLTH 331	Community Health	75
Spring 2024	HLTH 331	Community Health	75
Fall 2023	HLTH 331	Community Health	66
Spring 2023	HLTH 331	Community Health	125
Fall 2022	HLTH 331	Community Health	45
Fall 2022	HLTH 690	Theory of Research in Discipline: Advanced Social Network Analysis in Health	5
Spring 2022	HLTH 331	Community Health	100
Fall 2021	HLTH 690	Theory of Research in Discipline: Advanced Social Network Analysis in Health	3

Teacher of Record – Baylor University

2021 PUBH 3320 – Stress Management, Mental-Emotional Health

2020 PUBH 1145 – Health and Human Behavior

Adjunct Professor – Carthage College

2016-2017 EXS 0015 - TRX Suspension Training

2015-2017 EXS 0010 - Concepts of Physical Fitness

Workshops Taught

2023	Connections Matter: Introduction and Application of Social Network Analysis – National Institutes of Health
2023	Connections Matter: Introduction and Application of Social Network Analysis – International Society of Behavioral Nutrition and Physical Activity
2021	Intermediate Social Network Analysis: Applications in Active Living – Active Living Conference
2020	Introduction to Social Network Analysis in Public Health – American Public Health Association Applied Health Statistics Section
2020-2024	Introduction to Social Network Analysis in Active Living – Active Living Conference
2020	NCCOR’s Tools in Action: Featuring Summer Physical Activity and Friendship Study

2019 Cultivating Your Online Academic Identity – Baylor University Graduate School

2019 Network Visualizations Using Gephi – Baylor University Library

Awards

2024 Early Career Presentation Award Finalist – International Society of Behavioral Nutrition and Physical Activity E- & mhealth Special Interest Group

2022 Southeast Conference Faculty Travel Grant (\$1,500)

2022 Steven P Hooker Award Finalist (Excellence in Physical Activity Research) – Physical Activity Section American Public Health Association

2021 Student Poster of Distinction – American Academy of Health Behavior

2020 Most Innovative Poster Design Award – Active Living Conference

2020 Baylor Graduate School Dissertation Fellowship Award

2020 Baylor Graduate School Outstanding Graduate Research Award

2020 Graduate Student Research Travel Award – Baylor University

2019 Honorable Mention – Student Who Rocked Public Health – *Journal of Public Health Management and Practice*

2019, 2020 Best Presentation – APHA Physical Activity Student Twitter Conference

2019 Graduate Student Research Travel Award – Baylor University

2018 Graduate Student Research Travel Award – Baylor University

2014 Physical Education and Health Outstanding Major of the Year – Carthage College

University Affiliations

Center for Population Health and Aging – Texas A&M University School of Public Health

Design Research for Active Living Lab – Texas A&M College of Architecture

Center for Health Equity and Evaluation Research – Texas A&M University School of Public Health

Real-Time Eating Activity & Children’s Health Lab – University of Southern California

Telehealth Institute – Texas A&M University Health Science Center

Special Training

2021 Physical Activity in Public Health Fellowship – University of South Carolina

2020 Network Epidemiology Program – University of Maryland

2020 Social Networks & Health Fellowship – Duke University Network Analysis Center

2020 Teaching Capstone in Higher Education – Baylor University

2019 Social Networks & Health Participant – Duke University Network Analysis Center

2019 Certified Peer Reviewer – Publons Academy

2019 Baylor University Libraries Data Scholar – Baylor University

2018 Design for Online Teaching Success – Baylor University

2017 Certified Observer – System for Observing Play and Recreation in Communities

2013-2020 National Strength and Conditioning Association – Certified Strength and Conditioning Specialist

2012-2019 American Council on Exercise – Certified Personal Trainer

Service

2024-current Chair of the Board of Directors – Texas Area Health Education Center East

2022-current International Journal of Behavioral Nutrition and Physical Activity – Editorial Board Member

2022-current Health Promotion Practice – Editorial Board Member

2022-current Health Behavior Review – Editorial Board Member

2022-current Active Living Conference Executive Planning Committee

2022-2024 Eta Sigma Gamma – National Health Education Honorary – Faculty Advisor

2021-current Texas A&M University HLKN Student Award Committee

2021-current Texas A&M University HLKN Student Recruitment Committee

2021-current Board of Directors – Texas Area Health Education Center East

2021-current Associate Editor – World Medical & Health Policy

2020-2021 Active Living Conference Executive Program Committee Student Leader

2019-2021 American Public Health Association Student Assembly Social/Expo Chair

2019-current American Public Health Association Physical Activity Section Social Chair

2019-2021 Baylor University Counseling Center Advisory Council

2018-2020 Baylor University Graduate Student Association Vice President of Operations

Peer Review Service

Journals *American Journal of Health Education, Family & Community Health, Journal of Primary Prevention, American Journal of Men’s Health, Merrill-Palmer Quarterly, Translational Journal of American College of Sports Medicine, Journal of Public Health Management and Practice, Health Behavior Research, Journal of Healthy Eating and Active Living, Frontiers in Psychology, Journal of Park and Recreation Administration, Health Education & Behavior, Inquiry*

Grants	Centers for Disease Control and Prevention (RFA-DP-23-001), National Institutes of Health Early Career Reviewer Program, Lifestyle Change and Behavioral Health (LCBH) Study Section National Institutes of Health
Conferences	American Academy of Health Behavior, Active Living Conference, American Public Health Association Annual Meeting

Professional Affiliations

2019-current	Member, American Public Health Association
2019-current	Member, International Network for Social Network Analysis
2017-current	Member, American Academy of Health Behavior
2019-current	Member, International Society of Behavioral Nutrition and Physical Activity
2019-2021	Student Member, AcademyHealth
2019-2021	Student Member, Society of Behavioral Medicine

In the Media

- Online gaming communities could provide a lifeline for isolated young men – new research – The Conversation – 8/22/2023 - <https://theconversation.com/online-gaming-communities-could-provide-a-lifeline-for-isolated-young-men-new-research-211558>
 - Reproductions:
 - <https://www.sfgate.com/news/article/online-gaming-communities-could-provide-a-18308268.php>
 - https://www.goskagit.com/opinion/conversation/online-gaming-communities-could-provide-a-lifeline-for-isolated-young-men-new-research/article_d321ef7d-b823-595d-97db-87ac80d572be.html
 - <https://www.theskanner.com/news/usa/35036-online-gaming-communities-could-provide-a-lifeline-for-isolated-young-men-new-research>
- POV: Online gaming communities could provide a lifeline for isolated young men – Vital Record – 8/22/2023 - <https://vitalrecord.tamhsc.edu/pov-online-gaming-communities-could-provide-a-lifeline-for-isolated-young-men/>
- Here's how the pandemic-fueled surge in gaming is reshaping our understanding of its effects on mental health – Thrive Global / Fortune (Arianna Huffington) - <https://community.thriveglobal.com/pandemic-fueled-surge-in-gaming-is-reshaping-effects-mental-health-arianna-huffington/> - <https://fortune.com/2022/08/10/how-the-pandemic-fueled-surge-gaming-mental-health-tech-arianna-huffington/>
- Is online gaming good for your mental health? – study – Jerusalem Post – 5/16/2023 - <https://www.jpost.com/health-and-wellness/mind-and-spirit/article-743143>
- Could online gaming improve social connectivity? – Earth.com – 5/11/2023 - <https://www.earth.com/news/could-online-gaming-improve-social-connectivity/>
- Game On: Online Gaming Networks' Influence on Mental Health & Social Connections – Neuroscience News.com – 5/10/2023 - <https://neurosciencenews.com/gaming-network-depression-23207/> - Youtube: https://youtu.be/UWcn3W_luCW
- Surprising impact of online gaming social networks on mental health – Brighter Side of News – 5/12/2023 - <https://www.thebrighterside.news/post/surprising-impact-of-online-gaming-social-networks-on-mental-health>
- Gaming Social Networks Could Have Positive Impact On Mental Health – Science Blog – 5/10/2023 - <https://scienceblog.com/537789/gaming-social-networks-could-have-positive-impact-on-mental-health/>
- A closer look at how environment influences physical activity – Vital Record – 4/5/2023 - <https://vitalrecord.tamhsc.edu/a-closer-look-at-how-environment-influences-physical-activity/>
- Advocating for racial equity in physical activity – Vital Record – 11/11/2022 - <https://vitalrecord.tamhsc.edu/advocating-for-racial-equity-in-physical-activity/>

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- How peers influence physical activity in diverse adolescents – Vital Record – 10/11/2022 - <https://vitalrecord.tamhsc.edu/how-peers-influence-physical-activity-in-diverse-adolescents/>
 - Texas A&M study finds benefits in online gaming – Longview News-Journal / Bryan Eagle – 2/25/2022 - https://www.news-journal.com/news/state/texas-a-m-study-finds-benefits-in-online-gaming/article_d0b37148-9679-11ec-980f-5f2ed3b7571b.html
 - Online Social Support Through Gaming – Texas A&M Today – 2/14/2022 - <https://today.tamu.edu/2022/02/14/online-social-support-through-gaming/>
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