

MEGAN STIEFEL PATTERSON

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EXPERTISE AND INTEREST AREAS

As a social and behavioral scientist, I primarily use social network analysis as a *methodology* and *theoretical framework* to determine how social, structural, and spatial networks influence the health and well-being of individuals and communities.

Content Areas of Interest: college student health and wellness; physical activity and sedentary behavior; addiction and recovery; mental health; interpersonal violence; community health

EDUCATION

Doctor of Philosophy, Health Education May 2016
Texas A&M University, College Station, Texas

Master of Public Health, Community Health May 2012
Baylor University, Waco, Texas

Bachelor of Arts, Psychology December 2009
Baylor University, Waco, Texas

PROFESSIONAL APPPOINTMENTS

Assistant Professor July 2018-present
Department of Health & Kinesiology, Texas A&M University

Director of Wellness August 2013-July 2018
Department of Wellness, Baylor University

Adjunct Professor August 2014-July 2018
Robbins College of Health and Human Sciences, Baylor University
School of Education, Baylor University

Research Consultant May 2013-August 2013
Common Community Measures of Obesity Prevention (COCOMO) Project

Graduate Teaching Assistant August 2012-August 2013
Department of Health & Kinesiology, Texas A&M University

PEER-REVIEWED SCIENTIFIC JOURNAL ARTICLES

19 manuscripts published or in press

8 (47%) first authored

8 (42%) include student authors

6 (32%) use social network analysis

Note: * indicates student authorship

Social Network Analysis Publications

- **Patterson, M. S.,** *Gagnon, L. R., *Vukelich, A., *Brown, S. E., *Nelson, J. L., & *Prochnow, T. (in press). Social networks, group exercise, and anxiety among college students. *Journal of American College Health*.
- *Prochnow, T., **Patterson, M. S.,** Umstattd Meyer, M. R. (in press). A social network approach to analyzing body dissatisfaction among sorority members using two network generators. *Journal of American College Health*. epub ahead of print. 10.1080/07448481.2019.1657121
- **Patterson, M. S.,** *Gagnon, L. R., *Nelson, J. L., *Spadine, M. (in press). 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*.
- **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
- **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
- **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

Publications Using Other Methods

- Wilkerson, A. H., *Bridges, C. N., Wu, C., *McClendon, M. E., Walsh, S. M., **Patterson, M. S.,** & Umstattd Meyer, M. R. (in press). 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*. epub ahead of print. doi: 10.1097/JOM.0000000000001704

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- Wigfall, L. T., Sherman, L., Garney, W. R., **Patterson, M. S.**, Montiel Ishino, F. A., & Vadaparampil, S. T. (in press). 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*. epub ahead of print. doi: 10.1016/j.pec.2019.07.026
 - *Duval, A., Lanning, B., & **Patterson, M. S.** (in press). A systematic review of dating violence risk factors among undergraduate college students. *Trauma, Violence, & Abuse*. epub ahead of print. doi: 10.1177/1524838018782207
 - *Nelon, J. L., De Pedro, K. T., Gilreath, T. D., **Patterson, M. S.**, *Holden, C. B., & *Esquivel, C. H. (in press). A latent class analysis of the co-occurrence of sexual violence, substance use, and mental health in youth. *Substance Use and Misuse*. epub ahead of print. doi: 10.1080/10826084.2019.1618337
 - *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
 - Walsh, S. M., Umstattd Meyer, M. R., Gamble, A., **Patterson, M. S.**, & Moore, J. B. (2017). A systematic review of rural, theory-based physical activity interventions. *American Journal of Health Behavior*, 41(3), 248-258. doi: [10.5993/AJHB.41.3.4](https://doi.org/10.5993/AJHB.41.3.4)
 - **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
 - Umstattd Meyer M. R., Perry C. K., Sumrall J., **Patterson M. S.**, Walsh S. M., Clendennen S. L., Hooker S. P., Evenson K. R., Goins K. V., Heinrich K., O'Hara Tompkins N., Eyler A. A., Jones S., Tabak R., & Valko C. (2016) Physical activity-related policy and environmental strategies to prevent obesity in rural communities: A systematic review of the literature, 2002-2013. *Preventing Chronic Disease*, 13(E03). doi: 10.5888/pcd13.150406
 - 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
 - **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
 - **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: <http://dx.doi.org/10.14485/HBPR.2.6.6>

- **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
- 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

MANUSCRIPTS IN REVIEW

16 manuscripts in review

6 (36%) first authored

15 (94%) include student authors

12 (75%) use social network analysis

Note: * indicates student authorship

- Prochnow, T., **Patterson, M. S.**, & Hartnell, L. (in review). Impact of social support and depressive symptoms on online gaming network structure. *Cyberpsychology, Behavior, and Social Networking*.
- *Russell, A. M., **Patterson, M. S.**, & Barry A. E. (in review). College students' perceptions of peer alcohol use: A social network analytic approach. *Journal of American College Health*.
- Garney, W. R., *Nelon, J. L., Phillips, D. R., Wilson, K. L., Garcia, K., Anderson, K., Espero, J., **Patterson, M. S.**, & Aparicio, E. M. (in review). Utilization of social network analysis to understand how peer networks share sexual health information among homeless, female youth. *Journal of Adolescent Health*.
- Kwok, A., Suarez, M. I., **Patterson, M. S.**, Huston, D. & Mitchell, D. (in review). Rate your coach: Exploring ratings of coaching skills throughout teacher induction. *Journal of Teacher Education*.
- **Patterson, M. S.**, *Prochnow, T., *Nelon, J. L., *Spadine, M. N., *Brown, S. E., & Lanning, B. A. (in review). Impact of egocentric networks on physical, emotional, and sexual violence among a sample of college students. *Journal of Interpersonal Violence*.
- *Spadine, M. N., **Patterson, M. S.**, *Brown, S. E., *Nelon, J. L., Lanning, B., Johnson, D. M. (in review). Predicting Emotional Abuse among a Sample of College Students. *Journal of American College Health*.
- Sherman, L. D., **Patterson, M. S.**, Wigfall, L. T., & *Tomar, A. (in review). 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*.
- *Prochnow, T., **Patterson, M. S.**, Umstattd Meyer, M. R., & Sharkey, J. (in review). Impact of network position on perceived satisfaction and success within a health coalition: An examination of collaborative ties. *Health Promotion Practice*

- **Patterson, M. S.,** *Russell, A. M., *Spadine, M. N., *Prochnow, T., & Heinrich, K. M. (revise and resubmit). Impact of social networks, mental health, and sobriety on exercise within a collegiate recovery community. *Health Behavior Research*.
- **Patterson, M. S.,** *Prochnow, T., Richardson, R. G., Jackson, K. P. (in review). Using social network analysis to conduct a systemic program evaluation within a university. *Evaluation and Program Planning*.
- *Nelon, J. L., *Moscarelli, M., *Stupka, P., *Sumner, C., *Usselton, T., & **Patterson, M. S.** (in review). Does scientific publication inform public discourse? A case study observing social media engagement around vaccinations. *Journal of Health Promotion and Practice*.

FUNDING

External

- IMPACT: Innovative Mental Health Practice Affecting Communities via Technology
PI: Dr. Carly McCord, Texas A&M University
National Science Foundation, Smart and Connected Communities Planning Grant
\$150,000, submitted September 2019
Role: Co-PI
- From Preparation to Retention: Tracking Teacher Candidates' Trajectories into Underserved Schools
PI: Dr. Andrew Kwok, Texas A&M University
Spencer Foundation, Large Grant Submission
\$374,999, submitted June 2019
Role: Co-PI
- Novice Teacher Development: Exploring the Impact of Induction and Coaching Through Multiple Methodologies
PI: Dr. Andrew Kwok, Texas A&M University
Spencer Foundation, Small Grant Submission
\$43,763, submitted June 2019
Role: Co-PI
- Improving Novice Teacher Professional Development Through Induction: Extending a Research-Practice Collaborative
PI: Dr. Andrew Kwok, Texas A&M University
Spencer Foundation, Research Practitioner Partnership Grant Submission
\$399,844, submitted June 2019
Role: Co-PI
- Network Analysis to Evaluate Pets, Emotional Support Animals, and Service Animals on College Campuses: Policies and Implications
PI: Dr. Beth Lanning, Baylor University
UCLA Law School Animal Law and Policy Small Grants Program
\$2,920, funded March 2019
Role: Co-PI

Internal

- Using Virtual Reality to Understand Youth Serving Professionals' Empathy Development
T3: Texas A&M Triads for Transformation Program
\$30,000, not funded December 2018

- Using the Social Cognitive Theory to Better Understand Physical Activity among Dialysis Patients
Baylor University Thesis Support Program \$1,285.75, funded January 2012

Sponsorships and Gifts

- Creating Liturgy for Recovery Communities
Baptist General Convention of Texas Recovery \$15,000 gifted to the Beauchamp Addiction Recovery Center March 2017
- Proposal for Baylor University Recovery Center
Mr. and Mrs. Robert Beauchamp \$2.5 million gifted to the Department of Wellness January 2017
- Proposal for F45 Fitness Program at Baylor University
F45 Training, Inc. \$45,000 sponsorship to the Department of Wellness December 2016
- Proposal for Addiction Recovery Staff Position at Baylor University
Mr. and Mrs. Aubrey Holt \$250,000 gifted to the Department of Wellness January 2015

REFEREED PRESENTATIONS

48 refereed presentations (14 oral presentations, 34 poster presentations)

20 (42%) first authored

19 (40%) include student authors

17 (35%) use social network analysis

Note: * indicates student authorship

2019

- 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
- 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.
- *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.
- *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.

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- *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.
- **Patterson, M. S.**, Gagnon, L. R., *Vukelich, A., *Brown, S., & *Nelon, J. L. (March 10-13, 2019). *The impact of egonetworks and group exercise on state anxiety among college students*. Accepted as a poster presentation at the 19th Annual American Academy of Health Behavior (AAHB) Meeting. Greenville, SC.
- **Patterson, M. S.**, *Russell, A., *Nelon, J. L., & Lanning, B. (March 10-13, 2019). *Investigating the relationship between social structure and sobriety in a campus recovery program*. Accepted as a poster presentation at the 19th Annual American Academy of Health Behavior (AAHB Meeting). Greenville, SC.
- *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.
- *Nelon, J. L., Garney, W. R., Aparicio, E., **Patterson, M. S.**, Kachingwe, O., Wilson, K., & Garcia, K. (March 6-9, 2019). *Utilization of Social Network Analysis to Understand Relationships in Program Measures for Youth who Experience Homelessness*. Accepted as a poster presentation at the 2019 Annual Meeting of the Society for Adolescent Health and Medicine (SAHM). Washington DC.

2018

- *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.
- **Patterson, M. S.**, *Gagnon, L., *Vukelich, A., & *Brown, S. (November 10-14, 2018). *Impact of group exercise participation on anxiety among college students: An egocentric network analysis*. Selected as a theme oral session at the American Public Health Association (APHA) 146th Annual Meeting. San Diego, CA.
- **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.
- Wigfall, L. T., Sherman, L., Garney, W. R., **Patterson, M. S.**, Monitiei, F., & Vadaparampil, S. (October 3-5, 2018). *Are providers missing clinical opportunities to promote HPV vaccination among smokers with children, adolescents, and young adults ≤ 26 years old living in their homes?* Accepted as an oral presentation at the International Cancer Education Conference (ICEC). Atlanta, GA.
- **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.

- *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.
- *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.
- *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.
- *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

- **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.
- **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.
- **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.
- *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

- 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.

- **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

- *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.
- **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.
- **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
- 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.
- 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.
- Umstattd Meyer M. R., Perry C. K., Sumrall J., Walsh S. M., **Patterson M. S.**, Clendennen S., Evenson K. R., Eyler A. A., Goins K. V., Heinrich K., Hooker S. P., Jones S., O'Hara Tompkins N., Schmid T., Tabak R., & Valko C. (February 22-25, 2015). *Physical activity-related policy and environmental strategies to prevent obesity in rural communities: A systematic review*. Accepted as a concurrent oral presentation at the 12th Active Living Research (ALR) Annual Conference: The Science of Policy Implementation, San Diego, CA.

2014

- 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.
- **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.

- **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.
- 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.
- 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

- **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.
- 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.
- **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.
- 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.
- 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.
- 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.
- **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.

- **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.
- **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

- **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.
- 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.
- 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.
- 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

HLTH 605: Research Methods in Health

Fall 2019, Fall 2018

Texas A&M University

College Station, Texas

PUBH 5379: Research Methods

Summer 2018, Summer 2017, Summer 2016

Baylor University

Waco, Texas

UNDERGRADUATE COURSES

HLTH 331: Community Health

Spring 2019

Texas A&M University

College Station, Texas

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HLTH 440: Contemporary Issues for Community Health Interns
Fall 2018

Texas A&M University
College Station, Texas

PUBH 2331: Health Concepts and Competencies
Fall 2017

Baylor University
Waco, Texas

LDS 3304: Health and Wellness Peer Leadership
Fall 2016, Fall 2015, Fall 2014, Fall 2013

Baylor University
Waco, Texas

HLTH 342: Human Sexuality (web-based)
Summer 2013, Spring 2013, Fall 2012

Texas A&M University
College Station, Texas

HED 1145: Health and Human Behavior
Spring 2012, Fall 2011, Spring 2011, Fall 2010

Baylor University
Waco, Texas

OTHER TEACHING EXPERIENCE

Indoor Cycling Instructor
Department of Wellness, Baylor University
Rec Sports, Texas A&M University

June 2009-present

STUDENT ADVISING & TRAINING

Doctoral Committees

Taylor Graves Boswell	Texas A&M University	Chair	2019-current
Mandy Spadine	Texas A&M University	Chair	2018-current
Jordan Nelon	Texas A&M University	Co-Chair	2018-current
Tyler Prochnow	Baylor University	Member	2018-current
Kristie Primm	Texas A&M University	Member	2018-current
Shelby Lautner	Texas A&M University	Member	2018-current
Christina Sumners	Texas A&M University	Member	2018-current
Alex Russell	Texas A&M University	Member	2018-current

Masters Committees

Hassan Shaikh	Baylor University	Chair	2013-2015
Alicia Duval	Baylor University	Member	2014-2016
Leah Gagnon	Baylor University	Chair	2016-2018
Alyssa Vukelich	Baylor University	Member	2017-2019
Sydney Brown	Texas A&M University	Chair	2018-current

SERVICE

Honors Program Development Committee
Department of Health & Kinesiology
Texas A&M University
Member

August 2019-present

Megan S. Patterson
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Climate and Diversity Committee Department of Health & Kinesiology Texas A&M University <i>Member</i>	August 2019-present
Code of Conduct Ad-Hoc Committee American Academy of Health Behavior <i>Member</i>	August 2019-present
American Journal of Health Promotion <i>Manuscript Reviewer</i>	September 2019
Journal of Sport and Exercise Psychology <i>Manuscript Reviewer</i>	May 2019
American Kinesiology Association Awards Selection Committee <i>Ad-Hoc Committee Member</i>	February 2019
Aggies in Recovery Board of Directors <i>Member</i>	September 2018-present
American Academy of Health Behavior <i>Abstract Reviewer</i>	October 2017-present
Green-Dot Power-Based Violence Prevention Team Baylor University <i>Certified Trainer and Implementer for Higher Education</i>	June 2017-July 2018
Title IX Training, Education, and Communication Task Force Baylor University <i>Selected committee member</i>	May 2016-July 2018
Health, Equanimity, and Wellness Team Baylor University <i>Ex-officio</i>	September 2015-July 2018
Student Life Assessment Committee Baylor University <i>Committee Member</i>	August 2014-July 2018
Sexual Assault Prevention Advisory Board Baylor University <i>Board Member</i>	August 2013-July 2018
Professional Hiring Committees Baylor University	2011, 2015, 2016, 2018

Search Committee Member and Chair

- Chair: Wellness Prevention and Outreach Coordinator
- Member: Recovery Support Coordinator
- Member: Coordinator of New Student Programs
- Member: Four Staff Psychologist Positions
- Member: Psychiatric Nurse Practitioner
- Graduate Student Member: Intramural Sports Coordinator

Appetite Journal

January 2018

Manuscript Reviewer

Student Affairs Administrators in Higher Education

March 2016

NASPA

Awards Selection Committee

POWER Writing Support Services

December 2012-December
2015

Texas A&M University

Consultant

Family Community Health Journal

November 2015

Manuscript Reviewer

Alcohol Awareness Advisory Board

August 2013-September 2015

Baylor University

Facilitator

Body IQ Work Team

August 2013-August 2015

Baylor University

Work Team Member

Tobacco-Free, Smoke-Free Campus Committee

August 2013-December 2014

Baylor University

Member

Invitation to Excellence (I2E)

July 2012

Baylor University

Coordinator

Southwestern Education Research Association (SERA)

February 2012

Abstract Reviewer

MEMBERSHIPS AND CERTIFICATIONS

Schwinn Indoor Cycling MPOWER with POWER Certification

Certified: November 2018-present

Core Health & Fitness, LLC

Megan S. Patterson

Updated 9.30.19

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International Network for Social Network Analysis (INSNA) <i>Member</i>	October 2018-present
Group Fitness Instructor <i>Athletics and Fitness Association of America</i>	Certified: June 2018-present
Green Dot Power-Based Violence Prevention Educator	Certified June 2017-present
Student Affairs Administrators in Higher Education (NASPA) <i>Member</i>	2015-2017
American Academy of Health Behavior (AAHB) <i>Affiliate Member</i>	2015-present
CPR/First Aid <i>American Red Cross</i>	Certified 2010-present
Indoor Cycling Instructor <i>Cyclistics, Inc.</i>	Certified: 2009-present
Text and Academic Authors Association (TAA) <i>Member</i>	2013-2015
Southwest Educational Research Association (SERA) <i>Member</i>	2012-2013

AWARDS AND HONORS

Faculty Climate Award Texas A&M University, College of Education and Human Development	2019
NIRSA Foundation President's Award for Outstanding Writing National Intramural and Recreational Sports Association (NIRSA) Article: *Shaikh, H. M., Patterson, M. S., Lanning, B., Umstattd Meyer, M. R., & *Patterson, C. A. (2018). Assessing college students' use of campus recreation facilities through individual and environmental factors. <i>Recreational Sports Journal</i> , 42(2), 145- 159. doi: 10.1123/rsj.2017-0033	2018
To Light the Ways Award For Contributions to the Profession Baylor University, Division of Student Life	2018
Outstanding Student Research Poster Award American Academy of Health Behavior (AAHB) Poster: Gagnon, L. & 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>	2018

Public Health Education and Health Promotion Student Research Award American Public Health Association (APHA)	2015
Outstanding Student Life Work Team Award <i>Sexual Assault Advisory Committee</i> Baylor University, Student Life Division	2015
Outstanding Student Life Work Team Award <i>Assessment Committee</i> Baylor University, Student Life Division	2014
Full Scholarship / Assistantship for PhD in Health Education Texas A&M University	2012-2013
Outstanding MPH Student Award Department of Health, Human Performance, and Recreation, Baylor University	2012
Distinguished Professional Poster American Academy of Health Behavior (AAHB) Poster: Umstattd, M. R., Salazar, C. L., Patterson, M. S. (March 18-21, 2012). <i>Physical activity availability, access, and transportation among Mexican-origin women in Texas border Colonias.</i>	2012
Full Scholarship / Assistantship for MPH Baylor University	2010-2012
President's Undergraduate Scholarship Award Baylor University	2006-2009

STUDENT AWARDS AND HONORS

Mandy Spadine – Dean's Graduate Award 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&M University</i>	2019
Kyndall Foust – Aggie Spirit Award Role: Professor Honors an undergraduate student who has demonstrated courage and determination during their time at Texas A&M University <i>Texas A&M University</i>	2019
Leah Gagnon – Outstanding Graduate Assistant in Student Life Role: Supervisor and Chair Honors outstanding work from a graduate student working in the Division of Student Life during their graduate degree	2018

Sarah Madsen – Outstanding Graduate Assistant in Student Life

2017

Role: Supervisor and Chair

Honors outstanding work from a graduate student working in the Division of Student Life during their graduate degree

Baylor University

PROFESSIONAL DEVELOPMENT

Introduction to SNA descriptive statistics and hypothesis testing using R/statnet	International Network of Social Network Analysis Annual Sunbelt Conference Workshop	2019
Moving Beyond Descriptives: Basic Network Statistics with R/statnet	International Network of Social Network Analysis Annual Sunbelt Conference Workshop	2019
Introduction to ERGMs using statnet	International Network of Social Network Analysis Annual Sunbelt Conference Workshop	2019
Introduction to Modeling Temporal (dynamic) Networks using TERGMs in statnet	International Network of Social Network Analysis Annual Sunbelt Conference Workshop	2019
Roadmap Workshop for a Successful Academic Career	Texas A&M University Dean of Faculties	2019
Teaching with Technology Lunch Series	Texas A&M Instructional Technology Services	2019
Research Scholars Mentorship Program	American Academy of Health Behavior	2019
ASPEN Platform Workshop – SNA Data Collection Tools for Ego-Centric and Whole Network Analysis	North American Social Networks Conference	2018
EgoWeb 2.0: Flexible and User Friendly Social Network Data Collection Software Training	North American Social Networks Conference	2018
AnyLogic Multimethods Modeling Training	AnyLogic	2018
Crucial Conversations Workshop	Baylor University	2017
Green Dot Power-Based Violence Prevention Training	Green Dot Institute	2017

Undoing Racism Workshop	The People's Institute for Survival and Beyond	2015
LINKS Social Network Analysis Workshop	University of Kentucky	2014, 2015
Social and Economic Network Analysis Online Course	Stanford University coursera.com	2013