

Marc R. Lochbaum

Curriculum Vitae

GENERAL INFORMATION

Contact Information

1. Home: 4504 18th Street, Lubbock, TX 79416, Phone: 806.535.8448
2. Texas Tech University, Department of Kinesiology and Sport Management, Box 43011, Lubbock, TX 79409-3011, Phone: 806.834-0882, email: marc.lochbaum@ttu.edu
3. Institute of Educational Research, Education Academy, Vytautas Magnus University, K. Donelaičio Str. 58, 44248 Kaunas, Lithuania

Education – Degrees Conferred

1. Ph.D., Exercise Science, Arizona State University, 1998
2. M.S., Exercise Science, University of North Carolina at Greensboro, 1993
3. B.S., University of Illinois, 1991

Academic Rank at Texas Tech University

1. Professor, 2012 – present
2. Associate Professor, 2006 - 2012
3. Assistant Professor, 2000 – 2006

Additional Affiliations

1. Researcher, Institute of Educational Research, Education Academy, Vytautas Magnus University, 2019-current
2. Honorary Visiting Professor, Faculty of Kinesiology University of Zagreb, 2019-current
3. Professor, Lithuanian University of Educational Sciences, 2017-2019
4. Visiting Research Professor, KIHU - Research Institute for Olympic Sports Jyväskylä, Finland, 2016-2017

Academic Positions Prior to Texas Tech University

1. Instructor, 1998-2000, Department of Psychology, Arizona State University
2. Instructor, 1998-2000, Department of Behavioral Sciences, Scottsdale Community College
3. Research-Teaching Associate, 1994-1998, Department of Exercise Science and Physical Education, Arizona State University
4. Research Assistant, 1993-1994, Department of Sport, Health and Physical Education, University of Wales, Bangor

5. Research-Teaching Assistant, 1991-1993, Department of Exercise and Sport Science, University of North Carolina at Greensboro

Key Words for Teaching Interests

1. Sport psychology
2. Exercise psychology
3. Physical activity
4. Applied sport psychology
5. Health
6. Undergraduate research experiences

Key Words for Research Interests

1. Approach-avoidance achievement goals
2. Motivation
3. Physical activity participation
4. Competitive sport performance
5. Meta-analyses
6. Physical activity monitoring

RESEARCH

Research

- My current research interest is motivational theories in physical activity and competitive sports settings. I am a recognized international expert in achievement goal theory and exercise psychology topics based on my years of research in this area. Since 2015, my focus in addition to my collaborations is meta-analyses and systematic reviews in sport psychology.

Links

- https://www.researchgate.net/profile/Marc_Lochbaum
- <https://scholar.google.com/citations?user=R8OknM4AAAAJ&hl=en>
- <https://www.depts.ttu.edu/ksm/contact/pages/mlochbaum.php>

International Funding

1. Erasmus+ Cooperation for Innovation and the Exchange of Good Practices KA201 - Strategic Partnerships for School Education – approximately \$243,388.43: Along with Jarek Mäestu an Associate Professor, PhD at the Institute of Sport Sciences and Physiotherapy in the Faculty of Medicine at the University of Tartu, Dr. Lochbaum won a grant titled Supporting teachers to

maximize enjoyable MVPA minutes in children and youth: Project Enjoyable MVPA – Project JoyMVPA from the Erasmus+ grant system. The award covers 34 months of work with partners in Lithuania, Finland, Estonia, and Slovenia. The project is a very ambitious in that it will support PE teachers in a multi lingual program across the countries mentioned as well as in English.

2. Erasmus+ Support for Collaborative Partnerships in the Field of Sport – approximately \$14,111.10: Along with Dr. Aušra Lisinskienė at Vytautas Magnus University in Kaunas, Lithuania and the Lithuanian Ministry of Health, Dr. Lochbaum is a part of the team that won a grant to work with a number of European countries on a project titled European Union Physical Activity and Sport Monitoring System. The project’s goal is determining the best set of self-report physical activity questions with the hope of unifying a number of commonly used physical activity questionnaires used across Europe into one simple self-report measure for the European Union and organizations such as the World Health Organization monitoring of the health of Europe. The project requires a large sample of adults across a wide age range to wear accelerometers for a week and answer the battery of physical activity questions.
3. CROATIA - University of Zagreb. I co-authored a funded project (approximately \$3000 USD) for work in 2017-2018 in Zagreb titled *Cardiovascular and metabolic stress reactions of the parents during their childrens' sport competitions*.
4. TURKEY - The Scientific and Technological Research Council of Turkey. I won a research fellowship in Turkey (airfare, health insurance, and \$7,000). The awarding body is The Scientific and Technological Research Council of Turkey (TÜBİTAK). TÜBİTAK is the “leading agency for management, funding, and conduct of research in Turkey. It was established in 1963 with a mission to advance science and technology, conduct research and support Turkish researchers.” My work concerns the concept of flourishing as it relates to achievement goals, self-determination, and physical activity and sports experiences in young adults. My supporting investigator is Dr. Zişan Kazak Çetinkalp at Ege University.
5. OMAN - Sultan Qaboos Cultural Center. I am the PI along with Dr. Youngdeok Kim (Co-PI) for this fellowship funded for \$47,391 entitled *Physical Activity Patterns and Related Health Outcomes of Omani Elementary Children in The Context of Attending School*. The grant funds are to study the physical activity levels and related important health measures (e.g. sedentary behaviors, sleep quality, body composition, and perceived physical abilities), self-perceptions, and environmental constraints (e.g. school policies) in Omani children during 2017-18.
6. FINLAND - Education Ministry in Finland. I am a co-investigator (approximately 300,000 Euros in

funds) on *Achievement motivation and motor performance as determinants of sustained involvement in sport and physical activity settings among 10-12 years old children: A longitudinal assessment of the participation process in organized youth sports in Finland*. My role is analysis and sharing in presentations/manuscript submissions concerning the role of achievement goals in the collected data. The research home is the KIHU – Research Institute for Olympic Sports, Jyväskylä, Finland. The PI is Dr. Niilo Konttinen. This project begun in 2015.

7. LITHUANIA – European Union. I am the sponsor for Dr. Aušra Lisinskienė's application for post-doctoral funding (awarded 48,545.28 Euros over two years, award date November 13, 2017). Dr. Lisinskienė is a recent graduate and currently an Assistant Professor at Lietuvos Sporto Universiteto (Lithuania Sports University, Kaunas, Lithuania). We will conduct a mixed methods study, (in Lithuania and U.S), to create an instrument to better understand the coach-athlete-parent educational interactions (CAPES).
8. Chile - Pontificia Universidad Católica de Valparaíso. I supported Dr. Felipe Vallejo's application for a research award. Dr. Vallejo also traveled to TTU with his university. Our work was to translate and publish a motivation measure. The award was approximately \$2,000 (2013-2014).

USA Funding

1. Lubbock Partnership Network (209-20). \$57,398.99 direct funds; \$15,211.16 F&A funds: The Lubbock Partnership Network funded Dr. Lochbaum as a continuation of his East Lubbock physical activity after school research programs funded for the past 6 years by the US Department of Education. This fall Ervin and Alderson elementary schools and Dunbar College Preparatory Academy have funded Dr. Lochbaum's programs for the 2019-20 academic school year. These programs provide daily after school programming for 200 children and youth. Dr. Lochbaum employs 18 Texas Tech University, many in the Department of KSM, students to run his programs. Dr. Lochbaum's programs provide physical activity based after school programming. At Dunbar, the program centered on track and field for primarily 6th grade female students.
2. Ector College Prep Success Academy. \$39,500 direct funds: Dr. Lochbaum received funding from Ector College Prep Success Academy, a middle school in Odessa with 1500 students, to train the physical education staff in ways to maximize moderate-to-vigorous physical activity minutes in PE classes. Additionally, Dr. Lochbaum works with after school staff on physical activity programming.

3. US Department of Education – East Lubbock Promised Neighborhood. Co-investigator and PI for the physical activity portion of the grant on the \$24.5 million grant lead by Dean Ridley (2012-2019, July 1 end). I structured high quality after school physical activity programs for children and youth in a poverty and educationally stricken area of Lubbock, Texas. By running these programs, I researched questions related to physical activity participation. Ridley, S. (PI), Edwards, C. (Co-PI), **Lochbaum, M.** (Co-PI), O'Boyle, M. (Co-PI), & Segran, S. (Co-PI). (2012-2017, 2018 no-cost year). *East Lubbock Promised Neighborhood*. Funded by the US Department of Education for \$24,560,115. Duration 5 years. Credit for my involvement is 17%.
4. Kim, Y. (PI), **Lochbaum, M.** (Co-I), Lumkin, A. (Co-I), and Kitten, K. (Co-I). (2015). *Incorporating Wearable Technology into Physical Activity Instructional Program: A Cluster Randomized Trial in University Settings*. Funded by Society of Health and Physical Educators and Health America (SHAPE America) Early Career Investigator Research Grant, \$4,999. Duration 1 year.
5. **Lochbaum, M. R.** (PI), Hart, M., & Stevens, T. (2012). *Evaluation of The First Tee National School Curriculum*. The World Golf Foundation. Requested \$97,250, Obtained \$97,250, Duration 9 months.
6. **Lochbaum, M. R.** (2011). *TARGETing university students and teachers to increase physical activity*. Instructional Physical Activity Program Grant, McGraw-Hill Higher Education. Requested \$5,000, Obtained \$5,000. Duration 1 year.
7. **Lochbaum, M. R.** (2010). *Improving physical fitness in college students*. McGraw-Hill Learning Solutions. Requested \$5,000, Obtained \$5,000. Duration 1 year.
8. **Lochbaum, M. R.** (2005). *Statistical analyses of human performance measures from archival data*. Funded by WorkSTEPS, Inc. Austin, Texas. Requested \$15,146, Obtained \$15,146. Duration 1 year.
9. **Lochbaum, M. R.** (2004). *Statistical analyses of human performance measures from archival data*. Funded by WorkSTEPS, Inc. Austin, Texas. Requested \$20,076, Obtained, \$20,076. Duration 1 year.
10. **Lochbaum, M. R.** (1998). *Psychological and physiological predictors of post-exercise mood*. Funded by the Doug Conley Research Fellowship. Requested \$500, Obtained \$500. Duration 1 year.
11. **Lochbaum, M. R.** (1994). *Aerobic exercise and emotional and behavioral disturbances*. Funded by the Doug Conley Research Fellowship. Requested \$410, Obtained \$410. Duration 1 year.

12. **Lochbaum, M. R.** (1992). *The effects of exercise on autism*. Funded by the Susan Stout Fellowship Committee. Requested \$800, Obtained \$800. Duration 1 year.

Active University-Based Internal Funding Totaling \$101,235

1. **Lochbaum, M.** (awarded Oct 2021). SPARK program with stated purpose of *an undergraduate research program that has no limitations speaking to educating a diverse study body; enables innovative undergraduate research; and has the potential based on the research question to reach communities with engaged scholarship activities*. TTU TrUE. \$3500.

Completed Internal Funding

1. **Lochbaum, M.** (awarded spring 2022). Helen Jones sub award for undergraduate research in social sciences. TTU TrUE. \$5000.
2. **Lochbaum, M.** (awarded fall 2021). SPARK Undergraduate Research. TTU TrUE. \$5000.
3. **Lochbaum, M.** (awarded spring 2021). Funding for Sydney Cooper's participation in the TTU TrUE program. TTU TrUE. \$1000.
4. **Lochbaum, M.** (awarded fall 2020). Funding for Elisabeth Stoner's participation in the TTU TrUE program. TTU TrUE. \$1000.
5. Kim, Y., & **Lochbaum, M.** (awarded Nov 2018). *Examining social and ecological correlates of physical activity in rural elderly people: Focusing on rural counties in Northwest Texas*. TTU VPR 2019 Scholarship Catalyst Program. Received \$4,000.
6. **Lochbaum, M.** (2017-8). Development of online Athletic Coaching Minor. Texas Tech University. Requested \$27,000. Obtained \$27,000.
7. **Lochbaum, M.** (2017). *Applications for international speaking engagements*. International Cultural Center, Texas Tech University. Obtained \$1750.
8. **Lochbaum, M.** (2016). *Study abroad program development*. International Cultural Center, Texas Tech University. Requested \$2,000. Obtained \$2,000. Duration summer.
9. **Lochbaum, M.** (PI), & Vanos, J. (2016). *A cross-cultural collaboration for validating moderate to vigorous physical activity (MVPA) games for children and youth*. International Cultural Center Research Proposal Competition, Texas Tech University. Requested \$2,000. Obtained \$2,000. Duration 9 months.
10. **Lochbaum, M. R.**, & Stevens, T. (2006). *Growing the graduate program in sport psychology*. Funded by Texas Tech University. Requested \$36,000, Obtained \$36,000. Duration 1 year.
11. **Lochbaum, M. R.**, & Stevens, T. (2006). *Creating a longitudinal database on the educational context of the obesity epidemic in rural West Texas children*. Funded by West Texas Rural

EXPORT Center, Texas Tech University Health Science Center. Requested \$16,000, Obtained \$16,000. Duration 1 year.

12. **Lochbaum, M. R.** (2002). Big 12 Faculty Fellowship Program Funded by Texas Tech University. Requested \$2,500, Obtained \$2,500, Duration 1 year.

13. **Lochbaum, M. R., & Murray, N.** (2001). *Psychophysiological student system for laboratory based instruction*. Funded by Texas Tech University (\$4,985.00).

Research Highlights

- Peer-reviewed publications since 1993; Presentations at conferences since 1991
- Invited/keynote international presentations:
 1. *Sport Psychology and Performance Meta-Analyses: Implications for Researchers and Practitioners*. Future of Sports Science 2022: Physical and Psychosocial Aspects. Vilnius, Lithuania, April 1, 2022, Online.
 2. *Physical activity research during COVID-19 across the Baltic States*. 14th Conference of Baltic Society of Sport Sciences, Sports Science and Health at a Time of Change. April 29 - 30, 2021 Riga, Latvia, Online.
 3. *Objectively measured physical activity and self-reported screen time behaviors in Omani children: A Cross-Sectional Study*. Sultan Qaboos Cultural Center, Washington, DC, October 18, 2018.
 4. *Achievement goals and the sports experience – What we do know and what we need to do*. 11th Baltics Sport Science Conference, Tartu, Estonia, April 25-27, 2018.
 5. *Meta-analysis research*. Lithuanian University of Educational Sciences, April 2018
 6. *Doing sports psychology as a sports scientist*. AASP Regional Meeting, University of North Texas, March 2-3, 2018.
 7. *Understanding the meaningfulness and potential impact of sports psychology on performance*. 8th International Scientific Conference on Kinesiology, Opatija, Croatia, May 11, 2017.
 8. *Sports psychology techniques and the beginning golfer – What works?* 3rd International Sport Psychology Symposium, Zagreb, Croatia, May 7, 2017.
 9. *Task and ego goal orientations in competitive sport: A quantitative review of the literature from 1989 to 2016*. 6th Annual Congress of Physical Education, Sports and Kinethotherapy, Bucharest, 15-18, June, 2016.
 10. Pontificia Universidad Católica de Valparaíso, Chile, August 2014
 11. *East Lubbock Promised Neighborhood – How it applies in Spain?* Paper presented at the

Universidad Europea de Madrid, October 29, 2013.

12. *Approach minus avoidance goals: A promising new twist on an old idea*. Paper presented in Singapore, September 6th in the Physical Education and Sport Science Department in the National Institute of Education, Singapore. 2013.
13. *The importance of physical activity and physical education in the prediction of academic achievement*. Paper presented in Sao Paulo, Brazil, June 18 and 19th in conjunction with the Municipal of Sport, Leisure and Recreation of Sao Paulo and UNESCO. 2013.
14. *Obesity and our youth: The potential for golf*. Paper presented at the 10th Annual Conference of The First Tee program. Jacksonville, FL. 2012.
15. *Physical activity programs with special populations: Psychological and academic achievement implications*. Paper presented at the meeting of the Illinois Association for Rehabilitation Facilities, Springfield, IL. 2001.

Articles (peer reviewed), * = corresponding author if not first author; or equal authorship.

1. **Lochbaum, M.**, Sisneros, C., & Kazak, Z. (2023). The 3 × 2 Achievement Goals in the Education, Sport, and Occupation Literatures: A Systematic Review with Meta-Analysis. *European Journal of Investigation in Health, Psychology and Education*, 13(7), 1130–1157. <https://doi-org.lib-e2.lib.ttu.edu/10.3390/ejihpe13070085>
2. Prosoli, R., Jelić, M., Barić, R., Sisneros, C., **Lochbaum, M.** (2023). Croatian Combat Athletes' Attribution Patterns for Their Successes and Failures. *Youth*, 3(1), 381-391. <https://doi.org/10.3390/youth3010025>
3. **Lochbaum, M.**, Cooper, S., & Limp. S. (2022). The Athletic Identity Measurement Scale: A Systematic Review with Meta-Analysis from 1993 – 2021. *European Journal of Investigation in Health, Psychology and Education*, 12, 1391-1414. <https://doi.org/10.3390/ejihpe12090097>
4. Terry, P.C.,* Parsons-Smith, R.L., Skurvydas, A., Lisinskienė, A., Majauskienė, D., Valančienė, D., Cooper, S., & **Lochbaum, M.*** (2022). Physical Activity and Healthy Habits Influence Mood Profile Clusters in a Lithuanian Population. *Sustainability*, 14, 10006. <https://doi.org/10.3390/su141610006>
5. **Lochbaum, M.***, Sherburn, M., Sisneros, C., Cooper, S., Lane, A.M., & Terry, P.C.* (2022). Revisiting the Self-Confidence and Sport Performance Relationship: A Systematic Review with Meta-Analysis. *International Journal of Environmental Research and Public Health*, 19 (11), 6381. doi.org/10.3390/ijerph19116381
6. Terry, P.C., Skurvydas, A., Lisinskiene, A., Majauskiene, D., Valanciene, D., Cooper, S., &

- Lochbaum, M.*** (2022). Validation of a Lithuanian-language version of the Brunel Mood Scale: The BRUMS-LTU. *International Journal of Environmental Research and Public Health*, 19(8), 4867. doi.org/10.3390/ijerph19084867
7. Lisinskiene, A. & **Lochbaum, M.*** (2022). The coach–athlete–parent relationship: The importance of the sex, sport type, and family composition. *International Journal of Environmental Research and Public Health*, 19(8), 4821. doi.org/10.3390/ijerph19084821
 8. Lisinskiene, A., Huml, M., & **Lochbaum, M.*** (2022). Discriminant validity of the positive and negative processes in the C–A–P Questionnaire. *Journal of Human Sport and Exercise*, 17(2), 1-7. doi:10.14198/jhse.2022.172.10
 9. **Lochbaum, M.**, Stoner, E., Hefner, T., Cooper, S., Lane, A.M., & Terry, P. (2022) Sport psychology and performance meta-analyses: A systematic review of the literature. *PLOS ONE* 17(2): e0263408. <https://doi.org/10.1371/journal.pone.0263408>
 10. Cooper, S., & **Lochbaum, M.*** (2022). A Systematic Review of the Sport Psychology Mixed Martial Arts Literature: Replication and Extension. *Eur. J. Investig. Health Psychol. Educ*, 12, 77–90. <https://doi.org/10.3390/ejihpe12020007>
 11. Skurvydas, A., Lisinskiene, A., **Lochbaum, M.**, Majauskiene, D., Valanciene, D., Dadeliene, R., Fatkulina, N., & Sarkauskiene, A. (2021b). Physical activity, stress, depression, emotional intelligence, logical thinking, and overall health in a large Lithuanian from October 2019 to June 2020: Age and gender differences adult sample. *International Journal of Environmental Research and Public Health*, 18(23), 12809. <https://doi.org/10.3390/ijerph182312809> IF 3.39
 12. Skurvydas, A., Lisinskiene, A., **Lochbaum, M.**, Majauskiene, D., Valanciene, D., Dadeliene, R., Fatkulina, N., & Sarkauskiene, A. (2021a). Did COVID-19 pandemic change people’s physical activity distribution, eating, and alcohol consumption habits as well as body mass index? *International Journal of Environmental Research and Public Health*, 18(23), 12405. <https://doi.org/10.3390/ijerph182312405> IF 3.39
 13. **Lochbaum, M.**, Kenyon, J., & Kim, Y. (2021). Physical activity levels of 1053 Omani 4th grade children: The importance of gender and sport team participation in achieving 60 minutes of daily moderate-to-vigorous physical activity. *International Journal of Environmental Research and Public Health*, 18(16):8504. <https://doi.org/10.3390/ijerph18168504> IF 3.39
 14. Kazak, Z., **Lochbaum, M.**, & Canpolat, A.M. (2021). Flourishing in young adults: The role of achievement goals, participation motivation, and self-perception levels in physical activity contexts. *Sustainability*, 13(13), 7450. <https://doi.org/10.3390/su13137450> IF 3.251

15. Prosoli, R., Banai, B., Barić, R., **Lochbaum, M.**, & Cooper, S., & Jelić, M. (2021). Causal attributions for success and failure among athletes: Validation of the Croatian version of the revised Causal Dimension Scale (CDS-II). *Pedagogy of Physical Culture and Sports*, 25(4):244-252. <https://doi.org/10.15561/26649837.2021.0406>
16. **Lochbaum, M.**, Zanatta, T., Kirschling, D., & May, E. (2021). The Profile of Moods States and Athletic Performance: A Meta-Analysis of Published Studies. *European Journal of Investigation in Health, Psychology and Education*, 11(1), 50–70. doi:10.3390/ejihpe11010005
17. Kim, Y., Schneider, T., Faß, E., & **Lochbaum, M.** (2021). Personal social capital and self-rated health among middle-aged and older adults: a cross-sectional study exploring the roles of leisure-time physical activity and socioeconomic status. *BMC Public Health*, 21, 48. <https://doi.org/10.1186/s12889-020-10043-6> IF 2.837
18. Prosoli, R., **Lochbaum, M.**, Barić, R. (2021). Parents at the sport competition: How they react, feel and cope with the event. *Pedagogy of Physical Culture and Sports*, 25(2):114-124. doi.org/10.15561/26649837.2021.0206
19. Curtis, J. M., & **Lochbaum, M.** (2020). Winning in weight-loss: The interaction of conscientiousness and perceived autonomy. *NeuroSports*, 1(1), 1-47.
20. Kim, Y., Umeda, M., **Lochbaum, M.**, Sloan, R. A. (2020). Examining the day-to-day bidirectional associations between physical activity, sedentary behavior, screen time, and sleep health during school days in adolescents. *PLOS ONE*, 15(9): e0238721.
21. Lisinskienė, A., & **Lochbaum, M.** (2020). Trenerio – sportininko – tėvų (T – S – T) pozityvūs ir negatyvūs tarpasmeninių santykių procesai (PNPTST): Klausimyno lietuviškos versijos pristatymas. *Sporto mokslas (Sport Science)*, 1(97), 7–22.
22. **Lochbaum, M.**, Zanatta, T., & Kazak, Z. (2019). The 2 × 2 Achievement Goals in Sport and Physical Activity Contexts: A Meta-Analytic Test of Context, Gender, Culture, and Socioeconomic Status Differences and Analysis of Motivations, Regulations, Affect, Effort, and Physical Activity Correlates. *European Journal of Investigation in Health, Psychology and Education*, 10(1), 173–205. doi:10.3390/ejihpe10010015
23. Lisinskienė, A., May, E., Huml, M., & **Lochbaum, M.** (2019). Quantifying the Coach-Athlete-Parent (C-A-P) Relationship in Youth Sport: Initial Development of the Positive and Negative Processes in C-A-P Questionnaire (PNPCAP). *International Journal of Environmental Research and Public Health*, 16(21), 4140. IF 2.468 doi.org/10.3390/ijerph16214140
24. Kallinen, V., Jaakkola, T., Mononen, K., Blomqvist, M., Tolvanen, A., Kyröläinen, H., **Lochbaum,**

- M.**, & Konttinen, N. (2019). Relationships between achievement goal orientations, perceived competence, and organized sports: A cluster analysis of Finnish children. *International Journal of Sport Psychology*, 50, 485-502.
25. Lisinskienė, A., & **Lochbaum, M.** (2019). A qualitative study examining parental involvement in youth sports over a one-year intervention program. *International Journal of Environmental Research and Public Health*, 16 (19), 3563. IF 2.468 doi.org/10.3390/ijerph16193563
 26. Lisinskienė, A., May, E., & **Lochbaum, M.** (2019). The initial questionnaire development in measuring of coach-athlete–parent interpersonal relationships: Results of two qualitative investigations *International Journal of Environmental Research and Public Health*, 16(13), 2283. doi.org/10.3390/ijerph16132283
 27. Konttinen, N., Kallinen, V., Mononen, K., Blomqvist, M., Tolvanen, A., & **Lochbaum, M.** (2019). Sports club participation impact on motor competences, dispositional goal orientations, and perceptions of school-based physical education among Finnish third-grade children. *Sporto Mokslas (Sport Science)*, 95(1), 3 – 11.
 28. Sanchez-Alcaraz, B. J., Gomez-Marmol, A., Valero-Valenzuela, A., De La Cruz Sanchez, E., Moreno-Murcia, J. A., **Lochbaum, M. R.** (2018). Teachers’ perceptions of personal and social responsibility improvement through a physical education-based intervention. *Journal of Physical Education and Sport*, 18(4), 2272 – 2277. doi:10.7752/jpes.2018.04342
 29. Zanatta, T., Rottensteiner, C., Konttinen, N., & **Lochbaum, M.** (2018). Individual motivations, motivational climate, enjoyment, and physical competence perceptions in Finnish team sport athletes: A prospective and retrospective study. *Sports*, 6(4), 165. doi.org/10.3390/sports6040165
 30. Kim, Y., & **Lochbaum, M.** (2018). Comparison of Polar Active Watch and Waist- and Wrist-Worn ActiGraph Accelerometers for Measuring Children’s Physical Activity Levels during Unstructured Afterschool Programs. *International Journal of Environmental Research and Public Health*, 15(10), 2268. IF 2.145 doi:10.3390/ijerph15102268
 31. Kazak Çetinkalp, Z., & **Lochbaum, M.** (2018). Flourishing, affect, and relative autonomy in adult exercisers: A within-person basic psychological need fulfillment perspective. *Sports*, 6(2), 48. 48. doi.org/10.3390/sports6020048.
 32. Vallejo-Reyes, F. A, Mena Campbell, J. I., **Lochbaum, M. R.**, Duclos-Bastías, D. M., Guerrero-Santana, I., & Carrasco-Beltrán, H. J. (2018). Adaptación y validez de la Escala de Motivación en el Deporte 2 (EMD-2) para estudiantes universitarios Chilenos [Adaptation and validity of

Motivation Scale in Sport 2 (SMS-2) for Chilean university students]. *Cuadernos de Psicología del Deporte*, 18(1), 63-74.

33. Lisinskienė, A., & **Lochbaum, M.** (2018). Links between adolescent athletes' prosocial behavior and relationship with parents: a mixed methods study. *Sports*, 6(1), 4.
doi:10.3390/sports6010004
34. Kim, Y., Lumpkin, A., **Lochbaum, M.**, Stegemeier, S., & Kitten, K. (2018). Promoting physical activity using a wearable activity tracker in college students: A cluster randomized controlled trial. *Journal of Sports Sciences*, 36(16), 1889–1896. doi:10.1080/02640414.2018.1423886 IF 2.539
35. **Lochbaum, M.**, Kallinen, V., & Konttinen, N. (2017). Task and ego goal orientations across the youth sports experience. *Studia sportiva*, 11(2), 99-105. doi.org/10.5817/sts2017-2-10
36. **Lochbaum, M.**, Prosoli, R., & Barić, R. (2017). Cardiovascular and energy requirements of parents watching their child compete: A pilot mixed-methods investigation. *Pedagogics, Psychology, Medical-Biological Problems of Physical Training and Sports*, 21(6), 279–284.
doi:10.15561/18189172.2017.0604
37. Vanos, J. K., Herdt, L. J., & **Lochbaum, M. R.** (2017). Effects of physical activity and shade on the heat balance and thermal perceptions of children in a playground microclimate. *Building and Environment*, 126, 119-131. IF 4.539 doi.org/10.1016/j.buildenv.2017.09.026
38. Kim, Y., & **Lochbaum, M.** (2017). Objectively measured physical activity levels during school days among minority children in a high-poverty neighborhood: The role of school-based afterschool program. *Journal of Sports Science and Medicine*, 16, 350-356. IF 1.990
39. Ivashchenko, O., Khudolii, O., Iermakov S., **Lochbaum, M.**, Miroslawa, C., Zukow, W., Nosko, M., & Yermakova, T. (2017). Methodological approaches to pedagogical control of the functional and motor fitness of the girls from 7-9 grades. *Journal of Physical Education and Sport*, 17(1), 254-261.
40. Vanos, J., McKercher, G., Naughton, K., & **Lochbaum, M.** (2017). Schoolyard shade and sun exposure: Assessment of personal monitoring during children's physical activity. *Photochemistry and Photobiology*, 93(4), 1123-1132. IF 2.214 doi.org/10.1111/php.12721
41. **Lochbaum, M.**, Jean-Noel, J., Pinar, C., & Gilson, T. (2017). A meta-analytic review of Elliot's (1999) *Hierarchical Model of Approach and Avoidance Motivation* in the sport, physical activity, and physical education literature. *Journal of Sport and Health Science*, 6, 68-80.
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40. Havanar, J., **Lochbaum, M. R.**, & Claiborn, C. (2001). The effects of neuroticism and social physique anxiety on post-exercise affect. *Journal of Sport & Exercise Psychology*, 23, S45.
41. **Lochbaum, M. R.**, Wilson, B., Cruz, J. C., Jumper, C., Contraras, H. V., Hardwicke, F. L., & Cobos, E. (2001). Correlates of Quality of Life Changes in Cardiac, Pulmonary, and Cancer Patients in a 3-Month Aerobic Exercise Program. *Journal of Sport & Exercise Psychology*, 23, S43-S44.
42. **Lochbaum, M. R.** (2001). The role of positive affect and its influence on cognition in an acute exercise setting. *Journal of Sport & Exercise Psychology*, 23, S41-S42.
43. **Lochbaum, M. R.** (2001). The measurement of exercise-induced affective states: The impact of biological systems. *Journal of Sport & Exercise Psychology*, 23, S8.
44. Lox, C. L., Ekkekakis, P., & **Lochbaum, M. R.** (2001). Summary of symposium: Historical trends and future directions in the measurement of exercise-induced affect. *Journal of Sport & Exercise Psychology*, 23, S7.

45. **Lochbaum, M. R.**, & Landers, D. M. (2000). An examination of the cross-sectional exercise-cognitive performance relationship: The impact of individual difference variables. *Journal of Sport & Exercise Psychology*, 22, S71-S72.
46. **Lochbaum, M. R.**, Karoly, P., & Landers, D. M. (2000). The impact of temperaments and goal construal on post-exercise anxiety and affect. *Journal of Sport & Exercise Psychology*, 22, S71.
47. Crews, D. J., McCormick, S., Lutz, R., & **Lochbaum, M. R.** (2000). Peripheral processing, hypnosis, and music effects on EEG activity, psychological state, and golf performance. *Journal of Sport & Exercise Psychology*, 22, S30-S31.
48. He, C., Landers, D. M., & **Lochbaum, M. R.** (1999). Resting frontal EEG asymmetry index and mood changes under different exercise intensities and durations. *Medicine and Science in Sport & Exercise*, 31, S173.
49. **Lochbaum, M. R.**, & Landers, D. M. (1999). An examination of the acute exercise-affect relationship: The impact of individual difference variables. *Journal of Sport & Exercise Psychology*, 21, S77.
50. **Lochbaum, M. R.**, Landers, D. M., Wang, M., Salazar, W., Petruzzello, P., & Thomas, J. (1998). Dealing with the inherent bias in multiple regression analysis. *Journal of Sport & Exercise Psychology*, 20, S95.
51. Landers, D. M., & **Lochbaum, M. R.** (1998). Is the Inverted-U really a catastrophe? *Journal of Sport & Exercise Psychology*, 20, S16.
52. **Lochbaum, M. R.**, Thomas, J. R., & Landers, D. M. (1997). Meta-analyses in motor behavior and sport and exercise psychology: A look at past and future research questions. *Journal of Sport & Exercise Psychology*, 19, S82.
53. Landers, D. M., & **Lochbaum, M. R.** (1997). Extroversion as a moderating factor in accounting for the performance differences attributed to smokeless tobacco. *Journal of Sport & Exercise Psychology*, 19, S77.
54. Crews, D. J., **Lochbaum, M. R.**, & Landers, D.M. (1996). The effects of aerobic exercise on the psychological and cognitive functioning of low-income Hispanic children. *Medicine and Science in Sport and Exercise*, 28, S86.

Non Peer-Reviewed Publications

1. **Lochbaum, M.** (July 19, 2007). Home course not necessarily guaranteed victory. *Lubbock Avalanche Journal*.

2. **Lochbaum, M. R.** (2003). The redundant approach to sport psychology. *Contemporary Psychology: APA review of books*, 48, 84-86.
3. **Lochbaum, M. R.** (2001). Sport and exercise pharmacology. *Contemporary Health Practice Review*, 7, 54-55.
4. **Lochbaum, M. R.** (1998). *Affective and cognitive performance due to exercise training: An examination of individual difference variables*. University of Oregon Microform Publications, Eugene, OR.
5. **Lochbaum, M. R., & Crews, D. J.** (1995). Exercise prescription for autistic populations. *Journal of Autism and Developmental Disorders*, 25, 335-336.

Professional Presentations

As presenter

1. **Lochbaum, M.** (2018). *Objectively measured physical activity and self-reported screen time behaviors in Omani children: A Cross-Sectional Study*. Sultan Qaboos Cultural Center, Washington, DC, October 18, 2018.
2. **Lochbaum, M.** (2018). *Achievement goals and the sports experience – What we do know and what we need to do*. 11th Baltics Sport Science Conference, Tartu, Estonia, April 25-27.
3. **Lochbaum, M., Kallinen, V., & Konttinen, N.** (2017). *Task and ego goal orientations across the youth sports experience*. Paper presented at the International Conference on Kinanthropology, Brno, Czechia.
4. **Lochbaum, M., & Nite, C.** (2013). *East Lubbock Promise Neighborhood: Explanation, Initial Data, and Search for Cross-Cultural Partners in Understanding Motivation and the Meaning to the Self of Physical Activity Pursuits*. Paper presented at the JOINT 7th SELF Biennial International Conference and ERAS Conference 2013, Singapore.
5. **Lochbaum, M.** (2013). *Making the cut and winning a championship: The role of approach-avoidance achievement goals and mental strategies*. Paper presented at North American Society for the Psychology of Sport and Physical Activity, New Orleans, Louisiana.
6. **Lochbaum, M.** (2013). *Approach-avoidance achievement goals and sport performance: A meta-analytic review*. Paper presented at North American Society for the Psychology of Sport and Physical Activity, New Orleans, Louisiana.
7. **Lochbaum, M., & Litchfield, K.** (2011). *Deepening the personality and leisure time exercise relationship: Multiple mediation models with achievement goals*. Paper presented at North American Society for the Psychology of Sport and Physical Activity, Burlington, Vermont.

8. **Lochbaum, M.**, & Litchfield, K. (2011). *Personality and achievement goals: A multiple mediation approach to understanding leisure-time exercise*. Paper presented at the Society for Personality and Social Psychology, San Antonio, Texas.
9. **Lochbaum, M.**, Litchfield, K., Rhodes, R., & Podlog, L. (2010). *Advancing the exercising personality in an adult sample: A look into mechanisms of change*. Paper presented at North American Society for the Psychology of Sport and Physical Activity, Tucson, Arizona.
10. **Lochbaum, M.**, Podlog, L., & Litchfield, K. (2010). *Achievement goals and self-determination constructs: Predicting self-reported stage of exercise behavior*. Poster presented at North American Society for the Psychology of Sport and Physical Activity, Tucson, Arizona.
11. **Lochbaum, M.**, Lutz, R., & Bixby, W. (2005). *Implicit self-theories and exercise behavior*. Paper presented at the annual meeting of the American Psychological Association, Washington, D.C.
12. **Lochbaum, M. R.**, Herr, J., & Lutz, R. (2004). *The Impact of Motivational Climate on Moral Reasoning in College Intramural Participants*. Paper presented at the annual meeting of the American Psychological Association, Honolulu, HI.
13. **Lochbaum, M. R.**, Allbright, M., Schafer, D., & Sell, S. (2004). *The relationship among goal orientations, motivation climate and moral reasoning in intramural basketball participants*. Paper presented at the annual meeting of the North American Society for the Psychology of Sport and Physical Activity, Vancouver, Canada.
14. **Lochbaum, M. R.**, Lutz, R., Farrar, D., Al-Tirhi, I., & Turnbow, K. (2003). *Exercise enjoyment and psychological response to acute exercise: The role of personality, self-determination, and goal cognitions*. Paper presented at the annual meeting of the North American Society for the Psychology of Sport and Physical Activity, Savannah, GA.
15. **Lochbaum, M. R.**, & Lander, D. M. (2003). *Resting frontal asymmetry and affective responsivity to acute exercise: The importance of activity level*. Paper presented at the annual meeting of the North American Society for the Psychology of Sport and Physical Activity, Savannah, GA.
16. **Lochbaum, M. R.**, Bartholomew, J. B., & Turnbow, K. (2002). *The role of exercise enjoyment in postexercise psychological states*. Paper presented at the annual meeting of the North American Society for the Psychology of Sport and Physical Activity, Baltimore, MD.
17. **Lochbaum, M. R.**, Burd, K., Erickson, P., Staudt, J., Nichol, D., & Bonewitz, S. (2001). *Examination of the paradoxical effects of supportive audiences on performance in championship series*. Paper presented at the annual meeting of the Association for the Advancement of Applied Sport Psychology, Orlando, FL.

18. **Lochbaum, M. R.**, Wilson, B., Cruz, J. C., Jumper, C., Contraras, H. V., Hardwicke, F. L., & Cobos, E. (2001). *Correlates of Quality of Life Changes in Cardiac, Pulmonary, and Cancer Patients in a 3-Month Aerobic Exercise Program*. Paper presented at the annual meeting of the North American Society for the Psychology of Sport and Physical Activity, St. Louis, MO.
19. **Lochbaum, M. R.** (2001). *The role of positive affect and its influence on cognition in an acute exercise setting*. Paper presented at the annual meeting of the North American Society for the Psychology of Sport and Physical Activity, St. Louis, MO.
20. **Lochbaum, M. R.** (2001). *The measurement of exercise-induced affective states: The impact of biological systems*. Paper presented at the annual meeting of the North American Society for the Psychology of Sport and Physical Activity, St. Louis, MO.
21. **Lochbaum, M. R.**, & Landers, D. M. (2000). *An examination of the cross-sectional exercise-cognitive performance relationship: The impact of individual difference variables*. Paper presented at the meeting of the North American Society for the Psychology of Sport and Physical Activity, San Diego, CA.
22. **Lochbaum, M. R.**, Karoly, P., & Landers, D. M. (2000). The impact of temperaments and goal construal on post-exercise anxiety and affect. Paper presented at the meeting of the North American Society for the Psychology of Sport and Physical Activity, San Diego, CA.
23. **Lochbaum, M. R.**, & Landers, D. M. (1999). *An examination of the acute exercise-affect relationship: The impact of individual difference variables*. Paper presented at the meeting of the North American Society for the Psychology of Sport and Physical Activity, Tampa, FL.
24. **Lochbaum, M. R.**, Landers, D. M., Wang, M., Salazar, W., Petruzzello, P., & Thomas, J. (1998). *Dealing with the inherent bias in multiple regression analysis*. Paper presented at the meeting of the North American Society for the Psychology of Sport and Physical Activity, St. Charles, IL.
25. **Lochbaum, M. R.**, Thomas, J. R., & Landers, D. M. (1997). *Meta-analyses in motor behavior and sport and exercise psychology: A look at past and future research questions*. Paper presented at the meeting of the North American Society for the Psychology of Sport and Physical Activity, Denver, CO.
26. **Lochbaum, M. R.** (1995). *The psychological risks and benefits of training*. Paper presented at the Third International Olympic Committee World Congress on Sport Science, Atlanta, GA.
27. **Lochbaum, M. R.**, Thomas, J. R., Landers, D. M., & He, C. (1995). *Planning significant and meaningful research in the Exercise Sciences*. Paper presented at the Third International Olympic Committee World Congress on Sport Science, Atlanta, GA.

28. **Lochbaum, M. R., & Crews, D. J. (1995).** *Effects of aerobic exercise on depression in low-income Hispanic children.* Paper presented at the Third International Olympic Committee World Congress on Sport Science, Atlanta, GA.
29. **Lochbaum, M. R. (1993).** *Meta-analytic methods.* Paper presented in a symposium entitled *Meta-analysis in motor research* at the meeting of the North American Society for the Psychology of Sport and Physical Activity, Brainard, MN.
30. **Lochbaum, M. R. (1993).** *Psychological, behavioral, and academic characteristics of learned-disabled children in an aerobic exercise program.* Paper presented in a symposium entitled *Aerobic exercise for learned-disabled children* at the National AAHPERD Convention, Washington, D.C.
31. **Lochbaum, M. R., & Roberts, G. C. (1991).** *Goal orientations and the perception of the sport experience.* Paper presented at the meeting of the North American Society for the Psychology of Sport and Physical Activity, Asilomar, CA.
32. **Lochbaum, M. R., & Roberts, G. C. (1991).** *Relationship between goal orientations and factors of success.* Paper presented at the meeting of the Midwestern Psychological Association, Chicago, IL.

As co-author

1. Prosoli, R., **Lochbaum, M., & Barić, R. (2021).** Emotional reactions of parents watching their child compete. Ninth International Scientific Conference on Kinesiology. University of Zagreb, Faculty of Kinesiology.
2. Kim, Y. & **Lochbaum, M. (2021).** Subjective social status and health-related quality of life among middle-aged and older women: Exploring the mediating role of leisure-time physical activity. <https://shapeamerica.confex.com/shapeamerica/2021/meetingapp.cgi/Paper/2906>
3. Schneider, T., Faß, E., **Lochbaum, M., & Kim, Y. (2020).** *Personal social capital and health: exploring the role of physical activity and socioeconomic status.* Paper presented virtually at the American College of Sports Medicine Annual Meeting [scheduled in San Francisco, CA].
4. Kim, Y., **Lochbaum, M.,** Schneider, T., & Anlauf, S. (2020). *Examining the socioecological correlates of physical activity among middle-aged and older women.* Paper presented virtually at the American College of Sports Medicine Annual Meeting [scheduled in San Francisco, CA].
5. Anlauf, S., Faß, E., **Lochbaum, M., & Kim, Y. (2020).** Examining the perceived barriers to physical activity among older adults: moderating effects of body mass index. Paper presented virtually at the American College of Sports Medicine Annual Meeting [scheduled in San Francisco, CA].

6. Prosoli, R., **Lochbaum, M.**, & Barić, R. (2019). *Emotional and cardiovascular reactions of parents during their child's sport competition*. Paper presented at the Department of Psychology, University of Humanities and Social Sciences Conference, Zagreb, Croatia.
7. Karlović, M., Prosoli, R., **Lochbaum, M.**, & Barić, R. (2019). *Cardiovascular and Emotional Reactions of Parents during their Child's First Sport Competition*. Paper presented at the 2nd International Scientific Conference Brain and Mind: Promoting Individual and Community Well-Being, Zagreb, Croatia.
8. Zanatta, T., **Lochbaum, M.**, Konttinen, N., & Rottensteiner, C. (2018). *Individual and climate perceptions in Finnish youth team sport athletes: A prospective and retrospective study*. Paper presented at North American Society for the Psychology of Sport and Physical Activity Annual Meeting (NASPSPA), Denver, CO.
9. Kim, Y., **Lochbaum, M.**, Al-Abri, A., Al-Jabri, M., Al-Sabti, H., Almuqbali, S. & Alfori, S. (2018). *Objectively measured physical activity and self-reported screen time behaviors in Omani children: A cross-sectional study*. Paper presented at the 65th American College of Sports Medicine Annual Meeting, Orlando, FL.
10. Prosoli, R., **Lochbaum, M.**, & Barić, R. (2018). *Cardiovascular and emotional patterns of parents watching their child compete*. Paper presented at the 14th European Network of Young Specialists in Sport Psychology (ENYSSP), Zagreb, Croatia.
11. Prosoli, R., Barić, R., & Lochbaum, M. (May, 2017). *Reasons behind success and failure in sport*. Paper presented at the 11th International Conference on Kinanthropology - Sport and Quality of Life, Brno, Czechia.
12. Kim, Y., Umeda, M., **Lochbaum, M.**, & Stegemeier, S. (May, 2017). *Day-to-day reciprocal associations between sleep health, physical activity, and sedentary behaviors in adolescents*. Paper presented at the 64th American College of Sports Medicine Annual Meeting, Denver, CO.
13. Vanos, J.K., **Lochbaum, M.** (2017). *Thermal comfort and UV radiation in schoolyards: implications for microclimatic design and physical activity*. Active Living Research Conference, Clearwater, FL.
14. Vanos, J.K. McKercher, G. **Lochbaum, M.** (2017). *Connecting children to their environment and health: Characterizing exposures to temperature and UVB radiation during active play*. International Society of Environmental Epidemiology (ISEE), Rome, Italy.

15. Vanos, J.K., Herdt, A.J., **Lochbaum, M.** (2017). *Characterizing the energy budgets of children during active play in hot weather through the use of personal sensing devices*. American Meteorological Society Annual Meeting, Seattle, WA.
16. Vanos, J., Herdt, A., & **Lochbaum, M.** (Sept, 2017). *Actual and perceived thermal sensation of children during outdoor physical activity in two seasons*. International Congress of Biometeorology, Durham, UK.
17. Kim, Y., & **Lochbaum, M.** (Mar, 2017). *Physical activity levels among children in a Title I school*. Paper that presented at the 2017 SHAPE-America National Convention, Boston, MA.
18. Kim, Y., Umeda, M., **Lochbaum, M.**, & Stegemeier, S. (May, 2016). *Concurrent associations of physical activity and screen-based sedentary behaviors on sleep duration among US adolescents*. Paper presented at the 63rd American College of Sports Medicine Annual Meeting, Boston, MA.
19. Drusch, A. S., Carrillo, E. M., Mota, J. A., Olinghouse, K. D., Stock, M. S.; **Lochbaum, M.**, & Thompson, B. J. (2014). *Relationships between anthropometric and performance variables in youth: Predictors of lower-body vertical jump peak power*. Paper presented at Texas ACSM, Fort Worth, Texas.
20. Litchfield, K., & **Lochbaum, M.** (2011). *Modern day personality and self-reported physical activity: A meta-analytic summary*. Paper presented at North American Society for the Psychology of Sport and Physical Activity (NASPPSA), Burlington, Vermont.
21. Gao, Z., Xiang, P., & **Lochbaum, M.** (2011). *Examining the relationships between children's hierarchical ability beliefs, cardiovascular fitness and achievement behaviors*. Paper presented at The International Society for Comparative Physical Education and Sport meeting (Physical Education and Sport: Challenges and Future Directions), Shanghai, China.
22. Litchfield, K., **Lochbaum, M.**, Smith, C., & Podlog, L., (2010). *The new exercising personality: The inclusion of perceived ability and achievement goals*. Paper presented at the Association for Applied Sport Psychology (AASP), Providence, Rhode Island.
23. Key, J., & **Lochbaum, M.** (2010). *Teaching improvement of graduate students teaching university activity courses*. Paper presented at the Administrators Instructional & Motivational Conference, Texas Association of Health, Physical Education, Recreation, and Dance (TAHPERD), Austin, Texas.
24. Smith, C., **Lochbaum, M.**, Podlog, L. & Litchfield, K. (2010). *Mental toughness and pre-game emotions and states in adolescent football players: The mediating role of goal orientations*.

Paper presented at the Association for Applied Sport Psychology (AASP), Providence, Rhode Island.

25. Gustafsson, H., Podlog, L., Westin, M., **Lochbaum, M.**, Werner, S., & Alricsson, M. (2010). *Predictors of hope among youth Swedish downhill skiers: The influence of autonomy support, need satisfaction and motivation*. Paper presented at the Association for Applied Sport Psychology (AASP), Providence, Rhode Island.
26. Podlog, L., Gustafsson, H., Westin, M., **Lochbaum, M.**, Werner, S., & Alricsson, M. (2010). *Developing Engagement Among High Performance Youth Athletes: The Role of Autonomy Support, Need Satisfaction and Motivation*. Paper presented at European Congress of Sport Science (ECSS) Antalya, Turkey.
27. Podlog, L. & **Lochbaum, M.** (2010). *The relationship between self-presentational concerns and pre-game emotions among adolescent football players*. Paper presented at North American Society for the Psychology of Sport and Physical Activity (NASPPSA), Tucson, Arizona.
28. Podlog, L., & **Lochbaum, M.** (2010). *The effects of intrinsic versus extrinsic goal promotion on the subjective experience of a leisure time activity*. Paper presented at Self-Determination Theory Conference. Ghent, Belgium.
29. Key, J., & **Lochbaum, M.** (2009). *Teaching improvement of graduate students teaching university activity courses*. Paper presented at the Annual Conference, Texas Association of Health, Physical Education, Recreation, and Dance (TAHPERD), Arlington, Texas.
30. Stevenson, S., **Lochbaum, M.**, Meaney, K., Hart, M. & Surles, J. (2009). *Effects of achievement goals on perceptions of success and discrete achievement emotions while controlling for performance expectations in minority children*. Paper presented at North American Society for the Psychology of Sport and Physical Activity (NASPPSA), Austin, Texas.
31. Stevenson, S., & **Lochbaum, M.** (2009). *The 2 x 2 achievement goal framework in sport and exercise contexts: A test of Elliot's (1999) hierarchical model of achievement motivation*. Paper presented at North American Society for the Psychology of Sport and Physical Activity (NASPPSA), Austin, Texas.
32. Lutz, R., **Lochbaum, M.**, & Lanning, B. (2007). *An Examination of the Cross-Lagged Relationships among Leisure-Time Exercise and Perceived Stress in a Sample of Blue Collar Workers*. Presentation Made at the Annual Meeting of the American College of Sports Medicine, New Orleans, LA.

33. Bixby, W.R., **Lochbaum, M. R.**, & Parsons, M. (2006). *The effects of choice on the temporal dynamics of affective response associated with acute exercise*. Paper presented at the American College of Sports Medicine Annual Conference, Denver, CO.
34. Reid, J., & **Lochbaum, M.**, Hicks, C., Floran, O., Aguirre, M., & Stevenson, S. (2006). *The disappearing home-choke phenomenon in professional sports: A phenomenon only found in British golfers*. Paper presented at the annual meeting of the North American Society for the Psychology of Sport and Physical Activity, Denver, CO.
35. Hilario, D., Stevenson, S., Reid, J., Floran, O., Lutz, R., & **Lochbaum, M.** (2006). *Intentions for future physical activity in college students: A test of self-determination theory*. Paper presented at the annual meeting of the North American Society for the Psychology of Sport and Physical Activity, Denver, CO.
36. Stevenson, S., **Lochbaum, M.**, Surles, J. G., & Hilario, D. P. (2006). *Looking for consistencies in the variations in the "Big Five" across the stages of change for exercise*. Paper presented at the annual meeting of the North American Society for the Psychology of Sport and Physical Activity, Denver, CO.
37. Havenar, J., **Lochbaum, M.**, Surles, J. G., & Hilario, D. P. (2006). *Motivation and perceived ability variations across the stages of change for exercise*. Paper presented at the annual meeting of the North American Society for the Psychology of Sport and Physical Activity, Denver, CO.
38. Hilario, D. P., & **Lochbaum, M.** (2006). *Personality and feeling states in college-age participants during and after a 3-mile run*. Paper presented at the annual meeting of the North American Society for the Psychology of Sport and Physical Activity, Denver, CO.
39. Lutz, R., **Lochbaum, M.**, Carson, T., Jackson, S., Greenwood, M., & Byars, A. (2005). *Does Pre-Exercise Mood Represent an Accurate Baseline? An Experience Sampling Study*. Paper presented at the annual meeting of the North American Society for the Psychology of Sport and Physical Activity, St. Petersburg, FL.
40. Lutz, R., Sell, S., Carson, T., Ready, A., & **Lochbaum, M. R.** (2004). *Pressure equals pain? Physical activity as a moderator of the stress-health complaints relationship*. Paper presented at the annual meeting of the North American Society for the Psychology of Sport and Physical Activity, Vancouver, Canada.
41. Lutz, R., & **Lochbaum, M. R.**, & Turnbow, K. (2003). *Positive affective changes in response to an acute bout of exercise: Personality, exercise, and motivation as potential moderators*. Paper

presented at the annual meeting of the North American Society for the Psychology of Sport and Physical Activity, Savannah, GA.

42. Havanar, J., **Lochbaum, M. R.**, Farrar, D., Al-Tirhi, I., & Turnbow, K. (2003). *The impact of social physique anxiety on exercise induced affect: A failure for consistent support*. Paper presented at the annual meeting of the North American Society for the Psychology of Sport and Physical Activity, Savannah, GA.
43. Setester, S., Turnbow, K., Allbright, M., Cranford, A., Cook, K. M., Kohler, J., Bixby, W., & **Lochbaum, M. R.** (2003). *Goal orientations and their impact on moral reasoning in intramural soccer participants*. Paper presented at the annual meeting of the North American Society for the Psychology of Sport and Physical Activity, Savannah, GA.
44. Bixby, W., **Lochbaum, M. R.**, Cook, K. M., & Turnbow, K. (2003). *An examination of exercise-induced affect change models*. Paper presented at the annual meeting of the North American Society for the Psychology of Sport and Physical Activity, Savannah, GA.
45. Lutz, R., **Lochbaum, M. R.**, & Turnbow, K. (2002). *Motivated to feel good? The influence of self-determined motivation on affective responses to exercise*. Paper presented at the annual meeting of the North American Society for the Psychology of Sport and Physical Activity, Baltimore, MD.
46. Havanar, J., **Lochbaum, M. R.**, & Claiborn, C. (2001). *The effects of neuroticism and social physique anxiety on post-exercise affect*. Paper presented at the annual meeting of the North American Society for the Psychology of Sport and Physical Activity, St. Louis, MO.
47. Lox, C. L., Ekkekakis, P., & **Lochbaum, M. R.** (2001). *Summary of symposium: Historical trends and future directions in the measurement of exercise-induced affect*. Paper presented at the annual meeting of the North American Society for the Psychology of Sport and Physical Activity, St. Louis, MO.
48. Crews, D. J., McCormick, S., Lutz, R., & **Lochbaum, M. R.** (2000). *Peripheral processing, hypnosis, and music effects on EEG activity, psychological state, and golf performance*. Paper presented at the meeting of the North American Society for the Psychology of Sport and Physical Activity, San Diego, CA.
49. He, C., Landers, D. M., & **Lochbaum, M. R.** (1999). *Resting frontal EEG asymmetry index and mood changes under different exercise intensities and durations*. Paper presented at the meeting of the American College of Sports Medicine meeting, Seattle, WA.

50. Treasure, D. C., Standage, M., & **Lochbaum, M. R.** (1999). *Perceptions of the motivational climate and situational motivation in elite youth sport*. Paper presented at the meeting of the Association for the Advancement of Applied Sport Psychology, Calgary, Canada.
51. Landers, D. M., & **Lochbaum, M. R.** (1998). *Is the Inverted-U really a catastrophe?* Paper presented at the meeting of the North American Society for the Psychology of Sport and Physical Activity, St. Charles, IL.
52. Linder, D. Lutz, R., Crews, D. J., & **Lochbaum, M. R.** (1998). *Who chokes and when? Situational and dispositional factors under pressure*. World Scientific Congress on Golf, St. Andrews, Scotland.
53. Landers, D. M., & **Lochbaum, M. R.** (1997). *Extroversion as a moderating factor in accounting for the performance differences attributed to smokeless tobacco*. Paper presented at the meeting of the North American Society for the Psychology of Sport and Physical Activity, Denver, CO.
54. Crews, D. J., **Lochbaum, M. R.**, & Landers, D.M. (1996). *The effects of aerobic exercise on the psychological and cognitive functioning of low-income Hispanic children*. Paper presented at the meeting of the American College of Sports Medicine, Cincinnati, OH.
55. Gould, D., Tuffey, S., Hardy, L., & **Lochbaum, M. R.** (1992). *Multidimensional state anxiety and middle distance running performance: A test of Hanin's (1980) zones of optimal performance*. Paper presented at the meeting of the Association for the Advancement of Applied Sport Psychology, Colorado Springs, CO.

TEACHING

Courses Taught (since appointment, tenure, and promotion at Texas Tech University)

Note: Departmental Name Change Kinesiology and Sport Management (KIN for course prefix) as of fall 2015

1. ISS 1100 Tech Transition: Freshman Seminar
2. PFW 113 Golf
3. KIN 2300 The Science of a Healthy Lifestyle
4. ESS 3311 Human Behavior in Fitness and Wellness Promotion
5. ESS/KIN 3318 Exercise and Sport Psychology
6. ESS/KIN 3356 Principles and Theories of Coaching
7. ESS 4300 Psychological Dimensions of Sport and Exercise
8. ESS/KIN 4363 Principles and Theories of Exercise Psychology

9. ESS 4392 Research Methods
10. KIN 5031 Independent Study
11. ESS/KIN 5303 Sport Psychology
12. ESS/KIN 5312 Exercise Psychology
13. ESS 5313 Applied Sport Psychology
14. ESS/KIN 5315 Research Methods
15. ESS 5317 Seminar: History of Sport Psychology
16. ESS 4000 Independent Studies in Exercise and Sport Sciences
17. ESS 6000 Master's Thesis
18. ESS/KIN 7000 Independent Studies in Exercise and Sport Sciences

Teaching Awards

1. 2019 - Faculty member within the outstanding teaching department award at Texas Tech University, \$25,000
2. 2008 - Faculty member within the outstanding teaching department award at Texas Tech University, \$25,000
3. 2005 - 2008 Recognized by Outgoing Seniors several semesters as an Outstanding Faculty Member at Texas Tech University
4. "Who's Hot" Recognition Award for Outstanding Teaching in Introductory Courses, 2000 Arizona State University
5. 1999 National Association of Sport and Physical Activity Sport Psychology Academy Dissertation Award

Post Doctorate Work

1. 2019, Dr. Kara Graham
2. 2017-2019, Dr. Aušra Lisinskienė

Doctoral Committees

1. 2022 (committee member), Mike Wintemute, Texas Tech University
2. 2020 (committee member), Marc Nickell, Texas Tech University
3. 2019 (committee member), Kara-Aretha Graham, Texas Tech University
4. 2015 (co-chair), Chad Smith, *A Meta Analytic Review and Investigation of the Relationships between Implicit Theories, Perceived Competence, and the 2 x 2 Achievement Goals in Exercise and Sport Settings*. A dissertation completed in partial fulfillment of the requirements for the degree of Doctorate of Philosophy at Texas Tech University.

5. 2013 (chair), Jason Curtis, *“Winning the Challenge”: The Interaction of Conscientiousness and Perceived Autonomy*. A dissertation completed in partial fulfillment of the requirements for the degree of Doctorate of Philosophy at Rocky Mountain University of Health Professions.
6. 2011, Nicholas Pertuit, *Examining the cross-domain generalizability of implicit theory of ability for academic and athletic performance*. A dissertation completed in partial fulfillment of the requirements for the degree of Doctorate of Philosophy at Texas Tech University.
7. 2010, Yen M. To, *Does fatherhood really matter? The relationship between father involvement and early cognitive development in children*. A dissertation completed in partial fulfillment of the requirements for the degree of Doctorate of Philosophy at Texas Tech University.

Chair of Masters Committees (Theses) – All at Texas Tech University

1. 2014, Javan Jean-Noel, *A correlational meta-analysis of the interaction between achievement goals and Self-Determination Theory in sport, exercise, and physical education*
2. 2013, Courtney Marino, *POMS and Adherence to Injury Rehabilitation*
3. 2013, Bettina Trejo, *Coach Set, Athlete Set, or Both Set: Commitment to Goals*
4. 2010, Meghan Blume, *Personality, achievement goals, and disordered eating: Tests of indirect effects*
5. 2010, Sarah Losleben, *Antecedents of mental toughness on achievement goal orientations*
6. 2006, Tara Pietraszuk, *Burnout in athletics: A test of self-determination theory*
7. 2006, Sarah Stevenson, *Understanding strenuous and moderate intensity exercise participation: A social-cognitive theory perspective*

Chair of Masters Committees (Project or Comprehensive Exam)

1. 2022, Austyn Alvarez
2. 2021, Tristen Hefner
3. 2020, Zachary Grabovic
4. 2020, Sara Limp
5. 2020, Cyre Virgo
6. 2020, Alandra Williams
7. 2019, Thaís Benoit
8. 2018, Julia Vasquez
9. 2017, Gary Newell
10. 2015, Cortney Davis
11. 2015, Ali Richards

12. 2015, Travis Mester
13. 2015, Katie Welborn
14. 2013, James Wilson
15. 2012, Paul Yeatts
16. 2012, Blayne Alaniz
17. 2012, David Boston
18. 2012, Zahra Mizana
19. 2012, William Galusha
20. 2011, Brendon Powers
21. 2011, Pa'Chena Edwards
22. 2006, Daniel Hilario
23. 2005, Chris Cogan
24. 2004, Levi Groomer
25. 2004, Megan Schuessler
26. 2003, Aaron Hamlett
27. 2003, Jenneffer Kohler
28. 2001, Michelle Kiser
29. 2001, Monica Clemmons

Chair Interdisciplinary Masters Comprehensive Examinations/Internships

1. 2021, Josh Richter
2. 2020, John Cannova
3. 2019, Darryl Dora
4. 2018, Lance Pace
5. 2018, Tevin Mims
6. 2017, Jordan Davis
7. 2006, Michael Roberts
8. 2005, Staci Jackson
9. 2004, Dennis Lewis
10. 2004, John Jennings
11. 2003, Cody Davis
12. 2003, Eric Bartee
13. 2002, Dave Aranda

14. 2001, Stan Bonewitz
15. 2001, Grant McClasland
16. 2001, Jason Staudt

Member Interdisciplinary Masters Project

1. 2018, Jacob Gore
2. 2018, Mattison Maisel
3. 2018, Onaye Parker
4. 2017, Luis Morales
5. 2017, Christopher Payne
6. 2017, Ivonne Cook-Taylor

Member of Masters Committees – All at Texas Tech University

1. 2015, Kendra Olinghouse, *Neuromuscular and morphological adaptations to short-term squat and deadlift training in women*
2. 2012, Marcusjarwin Manalo, *The relationship between motor skill proficiency, athletic identity, and physical activity level among adolescents*
3. 2009, Lawrence Beck, *Major league attendance: Evaluating the importance of external factors*
4. 2004, Heidi Bohler, *Sport education: Examining an alternative physical education instructional approach*

Undergraduate/Honors Committees

1. TrUE Funded student work
 - a. 2020-21 Elisabeth Stoner
 - b. 2021 Sydney Cooper
2. Capstone Advisor 2013, Jarrett Gottardy – Work resulted in the following publication:
Lochbaum, M., & Gottardy J. (2015). A meta-analytic review of the approach-avoidance achievement goals and performance relationships in the sport psychology literature. *Journal of Sport and Health Science*, 4, 164-173.
3. Senior Thesis Chair
 - a. 2003, Kyle Smith, *New technology, new game*
 - b. 2000, Michael Buckner, *The evolution of rodeo: How the contemporary professional rodeo cowboy evolved from the working cowboy of the 1930s era*
4. Honors College Advisor
 - a. 2010, Brandi Ventura

- b. 2003, Karin Cook
 - c. 2003, Joseph Herr
- 5. Honors College Research Advisor for Paid Student Program
 - a. 2015-2016, Matthew Hiner
 - b. 2006-2008, Geoffrey Lowe
 - c. 2003-04, Susan Sell
- 6. Integrative Studies Capstone Advisor
 - a. 2013, Jarrett Gottardy

Directed Graduate Independent Studies

1. Spring 2021-22, Austyn Alvarez
2. Spring 2020, Zachary Brabovic, Diego Hernandez, Alandra Williams
3. Fall 2019, Thais Benoit, Tristen Hefner, Sara Limp, Cyre Virgo
4. Summer 2019, Sara Limp, Cyre Virgo, Alandra Williams
5. Fall 2018, Vanja Bogetic, Julia Vasquez
6. Spring 2018, Thais Benoit, Danielle Harden, Jessica Lima, Tevin Mims, Julia Vasquez
7. Summer 2017, Lance Pace; Ivonne Cook-Taylor
8. Spring 2017, Jordan Davis, Zachary Kittley; Lance Pace
9. Fall 2016, Tevin Mims
10. Spring 2016, Nathan Burke
11. Fall 2015, David Brenner, Emeka Okafor, Chelsea Smith
12. Spring 2015, Cortney Davis, Zach Kittley, Travis, Mester, Jake Morse, Ali Richards
13. Fall 2014, VJ Fehoko, Micah Hill, Jake Morse
14. Fall 2013, Maria Bregendahl, Ryan Downard, Ryan Erxleben, Micah Hill, Kevin Kilmer
15. Summer 2013, Cameron Davidson, Arthur Osueke, Christopher Powell, Heather White
16. Spring 2013, James Wilson
17. Fall 2012, Carlos Alvarado, Jeffrey Howard, Justin Keown, Kevin Kilmer, Kevin Oliver, James Wilson, Paul Yeatts
18. Summer 2012, Blayne Alaniz, Zahra Mizani, Paul Yeatts
19. Spring 2012, Blayne Alaniz, David Boston, Zahra Mizani, James Wilson, Paul Yeatts
20. Fall 2011, William Galusha
21. Spring 2011, Kolby Huseman, Sean McCurdy, Kyle Litchfield, Brendon Powers

22. Fall 2010, Kolby Huseman, Sean McCurdy, Zahra Mizani, Brendon Powers, Marcelo Schmidt, Chad Smith
23. Summer 2010, Kyle Litchfield, Sarah Losleben, Chad Smith
24. Spring 2010, Raquel Hawkins, Derek Mauldin, Kevin Pierson, Brendon Powers
25. Fall 2009, Sonny Cumbie, Sarah Stevenson
26. Summer 2009, Amy Suiter
27. Spring 2009, Meghan Blume, Christopher Hudler, Kyle Isaacs, Sarah Stevenson, Jessica Stovall
28. Spring 2008, Amy Hanson, William McGuire, Sarah Stevenson
29. Fall 2007, Tracy Guest, Christopher Hudler, Brandon Jones, William McGuire, Joshua Reid
30. Summer 2007, Christopher Hudler
31. Spring 2007, William McGuire, Sarah Stevenson
32. Fall 2006, Gary Aycock; William McGuire; Tanner Ogden
33. Summer 2006, David Emerick; Daniel Hilario; Lincoln Riley
34. Spring 2006, Gary Aycock
35. Fall 2005, Daniel Hilario; Brian Hodges; John Jennings
36. Summer 2005, Daniel Hilario
37. Spring 2005, Chris Cogan; Staci Jackson
38. Summer 2004, John Jennings
39. Spring 2004, Levi Groomer; Dennis Lewis; David Nichol
40. Fall 2003, David Nichol
41. Summer 2003, Cody Davis; Dennis Lewis; Jesse Williams
42. Spring 2003, Aaron Hamlett; Christina McKinney; David Nichol
43. Fall 2002, Jason Imes; Jenneffer Kohler
44. Summer 2002, William Bedenbaugh; Lawrence Flugence; Gary Mabry
45. Spring 2001, Stanley Bonewitz; Paul Erickson; Michelle Kiser; David Nichol; Jason Staudt
46. Fall 2001, Christopher Sanders
47. Summer 2001, Dave Aranda; Courtney Benton; Michelle Kiser; Jenneffer Kohler; Christopher Sanders; Lori Smith

Directed Undergraduate Research

1. Fall 2021, Sydney Cooper
2. 2020
3. 2019

4. Fall 2018, Deylon Kirschling
5. Spring 2018, Emily May (Presentation at AASP Regional, University of North Texas)
6. Spring 2016, Rachel Prudhomme (East Lubbock Promised Neighborhood internship)
7. Spring 2015, Landry Actkinson, Mackenzie Herring
8. Fall 2014, Chase Spradlin
9. Spring 2014, Charles Mencia, Victoria Smith
10. Fall 2013, Charles Mencia
11. Spring 2013, Ryan Erxleben, Stephen Holick, Brittany Seaholm
12. Fall 2012, Eric Debnam, Kelsey Dennis, William Travis
13. Spring 2012, Lillian Costandy, Jonathan Hickey, Shelby Hilliard, Justin Keown, Melanie McClintic, Steven Snyder, Alison Williams
14. Fall 2011, Leighton Sablatura, Daniel Schueler
15. Summer 2011, Justin Keown
16. Spring 2011, Blayne Alaniz, Drew Borsellino, Brett Dewhurst, Mario Gomez, Rajon Henley, Jeffrey MacLeod, Andre McCorkle, Nathan Ortiz, Arthur Osueke
17. Fall 2010, Michael Aguilar, Kevin Devore, David Glenn, Miles Goree, Timothy Haag, Ricky Hewell, Brandon Marshall, Arthur Osueke, David Sadowski, Holly Sherman, Caitlyn Warren
18. Summer 2010, Miles Goree
19. Spring 2010, Megan Budai, Tyson Dacosta, Seth Doege, Amanda Eubank, William Harrell, Rajon Henley, Justin Keown, Robert Lewandowski, Aaron Mattlage, Victoria Neal, Nathan Ortiz, Omoghan Osoghae
20. Fall 2009, Tyson Dacosta, Jonathan Haney, Jeffrey Hudson, Richard Jones, Aaron Mattlage, Taylor McDonald, Lance Neffendorf, Jeremy Norman, Taylor Potts
21. Summer 2009, Fred Bean, Amanda Berry, Michael Blanchfield, Sean Gay, Bryan King, Lenoir Ramos, Emily Stockard
22. Spring 2009, Kristi Drennan, Erich Folmer, Leah Leath, Phillipe Lilavois, Marc-Anthony Puente, Melissa Strawn, Ivy Walker
23. Spring 2008, Carlton, Chelsie, Davis, Diana, Lewis, John, Lynch, James, Minzenmayer, Meagan, Muller, Paul, Nevans, Paul, Prachyl, Nathan, Vaughn, Christopher, Wood, Deane
24. Fall 2007, Black, Shauna, Blume, Meghan, Davis, Jacob, Henagan, Krystal, Huston, Brady, Aaron, Mack, Pillers, Brittany, Smylie, Luke, Solis, Michael, Taylor, William, Willingham, Jacob
25. Summer 2007, Troester, Marla

26. Spring 2007, Batista, Orlando, Bennett, Brandon, Craig, Angela, Hill, Melanie, Johnson, Wesley, Kwiatkowski, Marli, Maes, Juliana, Pillers, Btittany, Rojas, Michael, Slaton, Wade, Troester, Marla
27. Fall 2006, Stephanie DeAnda, Andrew Dresser, Oscar Floren, Gibbs Keeton, Amanda Paine, Manuel Ramirez, Robert Shaffer, Zane Shamburger, Heather Showalter
28. Summer 2006, Eric Faz; Brianna Florus; Kristi Watson
29. Spring 2006, Kevin Anderson; Manuel Ramirez; Joshua Reid; Zane Shamburger; Heather Showalter
30. Fall 2005, Marcelino Aguirre; Oscar Floren; Chris Hicks; Devin Lemons; Joshua Reid
31. Summer 2005, Kelly Fallin; Taylor Johnston
32. Spring 2005, Brenner, Ivey; Slade Hodges; Brett Jackson; Anthony Pistoria; Randal Yates
33. Fall 2004, Dylan Gandy; Matthew McCallister; Philip Nadeau
34. Spring 2004, Staci Jackson; Philip Nadeau; Tyler Scovell; Susan Sell
35. Fall 2003, Tyler Carson; Clinton Greathouse; Ashley Ready; Susan Sell
36. Spring 2003, Mandy Allbright; Yohans Cabezuela; Beverly Dawson; Charles Harral; Christopher Phillips; Michael Schafer; Lemuel Stinson; in progress
37. Fall 2002, Isaac Al-Tirhi; Mandy Allbright; Austin Cranford; Andrew Farrar; Charles Harral
38. Spring 2002, Isaac Al-Tirhi; Andrew Farrar; Michael Lee
39. Spring 2001, Kristi Burd

SERVICE

Departmental Service

1. Administrative Positions
 - a. Summer 2011, 2012, On-campus Department Chair
 - b. 2010-2012, Administrator, Personal Fitness and Wellness Program
 - c. 2009-2010, Graduate Coordinator
 - d. 2006-present, Director of Collaborative Ph.D. Sport Psychology Program
2. Departmental Committees
 - a. 2020-23, Chair (first year), member (second and third year) Tenure and Promotion Committee
 - b. 2015, Member, Search Committee: Human Performance
 - c. 2014-2016, Tenure & Promotion Committee Chair

- d. 2012, Chair, Sport Management Search Committee
 - e. 2011, Chair, Open Kinesiology Search (2 positions)
 - f. 2009-2010, Member, Department Executive Committee
 - g. 2008-2010, Scholarship Committee Chair
 - h. 2009-2010, Committee Chair, Open Kinesiology Search (2 positions)
 - i. 2008, Committee Chair, Sport Psychology Search
 - j. 2006-2008, Member, Department Executive Committee
 - k. 2006-present, Member, Tenure & Promotion Committee
 - l. 2006, Member, Assessment Committee
 - m. 2006-2007, Member, Search Committee: Sport Management
 - n. 2007, Chair of Search Committee: Sport & Exercise Psychology
 - o. 2004-2005, Supervisor of computer based technical support
 - p. 2004-2009, Member, Faculty Senate
 - q. 2003-2005, Chair, Tradition and Pride Committee
 - r. 2003, Member, Search Committee: Sport Management
 - s. 2003, Member, Search Committee: Pedagogy
 - t. 2002, Member, Search Committee: Sport & Exercise Psychology
 - u. 2002, Member, Sport Studies Curriculum Committee
 - v. 2001-2002, Member, Journal Rating Committee Member
 - w. 2000-2001, Member, Search Committee: Motor Learning
 - x. 2002, Member, Departmental Name Change Committee
3. Curriculum Development
- a. 2019-2020, Placed KIN 4363, 5312, 5313, fully online
 - b. 2017, Placed KIN 2300, Science of Healthy Living, fully online
 - c. 2016, Placed KIN 5303, Psychology of Sport, fully online
 - d. 2016, Revised KIN 3356, Principles of Sport Coaching, with Dr. Chad Smith
 - e. 2015, Placed KIN 4363, Principles of Exercise Psychology, fully online
 - f. 2010, Revised undergraduate course ESS 3318, Sport and Exercise Psychology, with Dr. Leslie Podlog
 - g. 2002, Revised undergraduate course ESS 3311, Human Behavior in Fitness and Wellness Promotion, to ESS 4363, Principles and Theories in Exercise Psychology
 - h. 2002-03, Committee member for develop of Sport Studies curriculum

4. Organized and hosted distinguished speakers for department
 - a. April 2002, Dr. Rafer Lutz, Assistant Professor, Baylor University, *The Methods and Manners of Expert Coaches: Athletes' Perceptions of Their Importance*. (April, 2002).
 - b. November 2001, Dr. John Bartholomew, Associate Professor, University of Texas at Austin, *Resistance Training and Affect*.
 - c. March 2001, Dr. Daniel M. Landers, Regents' Professor, Exercise Sciences, Arizona State University, *A Re-Examination of the Inverted U-Hypothesis and An Analysis of the Causal Criteria in the Relationship Between Exercise and the Reduction in Negative Affect*.
5. Member of KSM Graduate Faculty 2000-present.
6. Fund Raising
 - a. 2011 - present, Generated >\$5,000 of income for Fun & Fit Home School Physical Education Program
 - b. 2001, Generated \$200 of income to department's local fund from camp fees for a basketball clinic

College and University Service

1. 2016-2019, Member of Tenure and Promotion Committee
2. 2013, Member of Strategic Planning Priority Committee Priority 4: Further Outreach and Engagement. Invited by TTU President and Interim Provost.
3. 2011-2014, Member of the College of Arts & Sciences Awards Committee
4. 2011-2014, Member of Natural and Physical Sciences Research Council for the College of Arts & Sciences
5. 2006-2012, Member of the Arts & Sciences Scholarship Committee
6. Chair or Committee Member Interdisciplinary Comprehensive Examinations/Portfolios
 - a. 2018, Tevin Mims, Lance Pace
 - b. 2017, Luis Morales, Jordan Davis, Christopher Payne, Ivonne Cook-Taylor
 - c. 2006, Michael Roberts
 - d. 2005, Staci Jackson
 - e. 2004, Dennis Lewis; John Jennings
 - f. 2003, Cody Davis; Eric Bartee
 - g. 2002, Dave Aranda
 - h. 2001, Stan Bonewitz; Grant McClasland; Jason Staudt
7. Dean's Representative, served for a number of Doctoral Defense's since 2002

8. 2001-2004, *Member of the Eating Disorder Partnership*. This partnership is composed of professional from many departments on campus. The goal of this partnership was to provide eating disorder identification, education, and treatment to university athletes.

Professional Service

1. Phi Beta Kappa
 - a. 2017-2019, President West Texas and Eastern New Mexico PBK Association
 - b. 2012-present, (first elected for 3 year term)-present (reelected 2015), Chair South Central District
 - c. 2012-2016, President TTU Lambda Chapter
2. State Level Position
 - a. 2010-2013, Texas Physical Activity, President-elect College Division Basic Physical Activity
3. Memberships in professional organizations with first year of membership noted
 - a. 2010, Society for Personality and Social Psychology
 - b. 2004, American Psychological Association
 - c. 1992, Association for Applied Sport Psychology
 - d. 1991, North American Society for the Psychology of Sport and Physical Activity
 - e. 1991, Phi Beta Kappa, University of Illinois, Champaign-Urbana
4. Editorial activities
 - a. 2022-present, Editorial Board, *Youth*
 - b. 2019-present, Editorial Board, *European Journal of Investigation in Health, Psychology and Education*
 - c. 2018-present, Editorial Board, *Pedagogika*, began Vol. 131(3)
 - d. 2016-present, Editorial Board, *Kinesiology*
 - e. 2016-present, Scientific Editor, *Physical Education of Students*
 - f. 2016-present, Scientific Editor, *Pedagogics, Psychology, Medical-Biological Problems of Physical Training and Sports*
 - g. 2006-present, Associate Editor, *Journal of Sport Behavior*
5. Review/reviewed for the following journals
 - a. *Acta Gymnica*
 - b. *Autism Research*
 - c. *British Journal of Sports Sciences*

- d. *Contemporary Issues in Sport Performance Enhancement*
- e. *Educational Psychology*
- f. *European Physical Education Review*
- g. *Health Practice Promotion*
- h. *International Journal of Environmental Research and Public Health*
- i. *International Journal of Fundamental and Applied Kinesiology*
- j. *International Journal of Golf Science*
- k. *International Journal of Personality*
- l. *International Journal of Sports Science & Coaching*
- m. *International Journal of Sport and Exercise Psychology*
- n. *International Journal of Sport Psychology - Online*
- o. *Journal of Adolescence Research*
- p. *Journal of Adolescence Research*
- q. *Journal of Applied Sport Psychology*
- r. *Journal of Autism and Developmental Disorders*
- s. *Journal of Family Issues*
- t. *Journal of Health and Sport Sciences*
- u. *Journal of Leisure Research*
- v. *Journal of Research on Adolescence*
- w. *Journal of Sport & Exercise Psychology*
- x. *Journal of Sport and Health Science*
- y. *Journal of Sport Behavior*
- z. *Journal of Sport Sciences*
- aa. *Kinesiology*
- bb. *Learning and Individual Differences*
- cc. *Motivation and Emotion*
- dd. *Pedagogika*
- ee. *Perceptual and Motor Skills*
- ff. *Personality and Individual Differences*
- gg. *PLOS ONE*
- hh. *Psychology of Sport & Exercise*
- ii. *Research Quarterly for Exercise & Sport*

- jj. *Revista, The Spanish Journal of Psychology*
 - kk. *Revista Internacional de Ciencias del Deporte*
 - ll. *Sage Open*
 - mm. *Scandinavian Journal of Medicine and Science in Sports*
 - nn. *Sex Roles*
 - oo. *Social and Personality Psychology Compass*
 - pp. *Sport, Exercise, and Performance Psychology*
6. Reviewed book manuscripts
 - a. Holcomb Hathway Publishers
 - b. McGraw-Hill Publishers
 7. Service to Professional Organization
 - a. 2014, Sport Psychology Program Committee Member, NASPSPA Minneapolis Conference
 - b. 2010, 2011, 2012 Society of Behavioral Medicine, Program Committee Member
 - c. 2005, Division 47 Program Committee Member, APA Washington D.C. Conference
 - d. 2002, Sport Psychology Program Committee Member, NASPSPA St. Louis Conference
 8. Tenure and Promotion External Reviewer
 - a. 2016, Dr. Vickie Ebbeck, Oregon State University, Corvallis, Oregon, Promotion to Professor
 - b. 2013, Dr. Chow Jia Yi, National Institute of Education, Singapore, Tenure and Promotion
 - c. 2012, Dr. Todd Gilson, Northern Illinois University, DeKalb, Illinois, Tenure and Promotion
 - d. 2011, Dr. Pyun Do Young, National Institute of Education, Singapore, Tenure and Promotion
 - e. 2007, Dr. Rafer Lutz, Baylor University, Waco, Texas, Tenure and Promotion
 - f. 2006, Dr. John C. K. Wang, National Institute of Education, Singapore, Tenure and Promotion
 9. International Theses/Dissertation Reviewer
 - a. I have served as an external reviewer for theses and dissertations at the University of Western Australia, Perth, Australia, the National Institute of Education, Singapore, and University of Jyväskylä.
 10. Media Presentations

- a. *Are you Getting Enough Sleep?* McGraw-Hill Higher Education Student Series. October 24, 2018.
- b. *Creating a Positive Classroom Vibe*, McGraw-Hill Higher Education Blog, <https://www.mheducation.com/highered/ideas-new/creating-a-positive-classroom-vibe.html>, 2018
- c. *D1 Sports Training Opening in Lubbock*, Interviewed, KLBK13, October 10, 2015
- d. *Texas Tech, regional associations earn top awards at national council meeting*, Mentioned in piece as TTU PBK President, Lubbock Avalanche Journal, September 7, 2012
- e. *Fit to serve: Churches offer fitness based classes as part of ministry*, Quoted in Lubbock Avalanche Journal, June 25, 2011
- f. Quoted in *Good House Keeping*, July 2011 issue
- g. *60 holes for 60 years*, Quoted in The First Tee's news release that was distributed nationwide, March 24, 2007
- h. *Golf Talk*, Weekly member of Fox Talk 950 Golf Talk Show, 2007-2008
- i. *Snap! Prepare for the worst case scenario*, Quoted in Lubbock Avalanche Journal, July 11, 2006
- j. *Can exercise make you smarter?* Quoted in Ladies' Home Journal, February Issue, 2004.
- k. *Sport psychology and football*, Appearance on Fox Sports Southwest, May 13, 2004
- l. Quoted in *Inside Texas Running*, November Issue 2003,
- m. Quoted in *Fitness: Mind, Body, Spirit*, September Issue 2003
- n. *Exercise and personality*, Appearance on CNN's Fitness Friday Segment, August 15, 2003, Atlanta GA
- o. *Coaches and families learn to live under spotlight's glare*, Quoted in Lubbock Avalanche Journal, August 25, 2002
- p. *Speed coach stays close to game*, Piece about myself in the Lubbock Avalanche Journal, June 10, 2002
- q. *Sport Psychology and the Olympics*, Tech Media, Spring 2002
- r. *Parent, Stress, and Athletics*, Fox 10 News, Spring 2002
- s. *President's Fitness Initiative*, KTRH 740 Houston, Spring 2002
- t. *Aggression and Boxing*, 950 AM, Spring 2002

- u. *Coaches and families learn to live under spotlight's glare*. Quoted in Lubbock Avalanche Journal, August 25, 2002
- v. Quoted in the following non-peer reviewed publication: Yang, E. (2002). This is your brain on exercise. *Berkeley Medical Journal*, 9, 8.
- w. Appeared on Dateline NBC: *Choking and Golf* Fall 1997
- x. *Treating autism with exercise*, Phoenix Center for Autism, Fall 1994
- y. Quoted in The Tribune, August 28, 1994, *Treating autism with exercise*.
- z. *What is sport psychology? 105.5 FM WDCQ*. Monticello, Illinois, Summer 1992
- aa. Sport Psychology Presentations
- bb. *Choking in sports: A heart to head explanation* and *Exercise adherence: A personality problem?* Presented to the Psychology Club at the University of the Virgin Islands St. Croix Campus, Fall 2004.
- cc. *The role of the sport psychology professional within eating disorders*. Presented to the Texas Tech University Collegiate Coaches, Fall 2003
- dd. *Sport psychology and swimming*. Presented to the Lubbock High School Swimming Team, Spring 2002
- ee. *Team goal setting*. Presented to the Texas Tech Softball Team, Spring 2002
- ff. *Emotions and sport*. Presented to the Coronado Women's High School Soccer Team, Fall 2002
- gg. *Performance routines for successful shooting*. Presented to the ASU Women's Basketball Camp, Summer 1997
- 7. Consulting/Coaching/Community
 - a. Sports Science Consulting
 - i. 2020-present, Lithuania Golf Association
 - ii. 2015-2019, Eastern New Mexico University Softball Team
 - iii. 2017, Texas Tech University Soccer
 - iv. 2016-2017, TTU Cheerleading
 - v. 2014-2015, University of Louisiana Lafayette Woman's Tennis and Softball Teams
 - vi. 2008-2010, Texas Tech University Men's Basketball
 - vii. 2010, Texas Tech Women's Golf Team
 - viii. 2001-2002; 2006, Texas Tech Football

- ix. 1999-current, Private consultation with individual's from a variety of sports (e.g., motor cross, rodeo, golf, tennis, swimming, track and field)
- x. 1999-2000 Arizona State University Women's Basketball
- b. Coaching
 - i. 2016, Passed NCAA Test for Recruiting/Coaching in "sports other than football" at Eastern New Mexico University
 - ii. 2014, Passed NCAA Test for Recruiting/Coaching in "sports other than football" at the University of Louisiana Lafayette
 - iii. 2008, Assistant Golf Coach Texas Tech University Women's Golf Team, Passed NCAA Test for Recruiting/Coaching in "sports other than football"
 - iv. Basketball Coach, Lubbock Christian Home School Athletic Association, 2005-2010
 - v. 2000-2004, Basketball Coach for a number of teams in Lubbock city programs
- c. Community Programs
 - i. Founding Member, Active Character, present: Organization provides physical activity within a character building model to children attending elementary school in the 79415 area code of Lubbock
 - ii. Founding Member, Fun & Fit Physical Education & Sport, 2010-present: Organization provides home school children physical education and sport activities
 - iii. Champ Champion, 2010-present: Organization provides children physical education in summer at Texas Tech

Appendix

Unsuccessful Funding Activities

External Applications

Submitted USA Funding

1. Huml, M, & **Lochbaum, M.** *Sports Visitor and Envoys: Sport for Social Change Project for U.S. Sport Culture and History*. US Bureau of Educational and Cultural Affairs. Requested \$1,700,000.
2. **Lochbaum, M.** (PI), Stock, M., & Richman, D. (2012). *Motivation for exercise in space*. National Space Behavior Research Institute. Requested \$875,840.

3. **Lochbaum, M.** (PI), Hart, M., Reed, D., Urban, S., Mengel, S., & Key, J. *Home school physical activity and nutrition*. Submitted to Healthy Kids, Healthy Families Grant Program, Blue Cross Blue Shield, Texas. Requested \$205,000.
4. Dotson, W. (Project Director), **Lochbaum, M.** (Project Coordinator), Key, J., Richman, D., & Reed, Debra. *Project IPAN: Increasing Physical Activity and Nutritional Intake for People with Developmental Disabilities*. Submitted to the Texas Counsel for Developmental Disabilities. Requested \$707,000.
5. Gao, Z., Hart, M., **Lochbaum, M.**, Lan, W., Burley, H., & Trejos, E. (2011-2012). Impact of Classroom-based Physical Activity Programs on Latino Children's Classroom Behaviors and Academic Performance. Spencer Foundation Small Research Grant Program. Requested \$39,200.
6. **Lochbaum, M.** (PI), Hart, M., Key, J., & Omli, J. (2011). *Active Character*. Submitted to Lubbock Regional Mental Health Community Youth Development Program. Requested \$69,782.25.
7. Stodden, D., **Lochbaum, M.**, Taylor, W. C. (2010). *Associations among Motor Skill Competence, Physical Activity, Psychosocial Attributes, and Health Related Fitness in Young Adults*. Requested \$275,000 from NIH.
8. Gao, Z., **Lochbaum, M.**, Stodden, D., Griffin, L., Burley, H. (2010). *Effect of Take 10! on children's physical fitness and behaviors*. Requested \$7,500 from AAHPERD Research Consortium.
9. Griffin, L., Gao, Z., Stodden, D., **Lochbaum, M.**, Bae, S. (2010). *Teacher's perspectives of teaching games for understanding: A self-determination perspective*. Requested \$8,000 from the American Alliance for Health, Physical Education, Recreation, and Dance-Research Consortium.
10. Reed, D., Wang, S., **Lochbaum, M.**, Stodden, D., Ulmer, J., Harp, S., Boyce, J., Zhang, Y., (2009). *Fresh, Fit, and Sustainable – Improving Nutrition and Physical Fitness in University Freshmen using Innovative Technology and Tailored Messaging*. Requested \$1,494,904.00 from the USDA-AFRI.
11. **Lochbaum, M. R.**, & Bixby, W. (2003). *The cardiovascular fitness – cognitive performance relationship*. Requested \$124,000 from the American Heart Association: Texas Affiliate.
12. Massey-Stokes, M. & **Lochbaum, M. R.** (2002). *School reintegration program for children with cancer*. Requested \$23,923 from The CH Foundation and The Helen Jones Foundation.
13. Williams, J. S., **Lochbaum, M. R.**, Jumper, C. A., Wilson, B. T., & Gonzales, J. (2001). Home-based ventilatory muscle training as an adjunct to exercise training in patients with chronic obstructive

pulmonary disease. Requested \$2,500 from Life Fitness Academy Michael L. Pollock Memorial Grant.

14. Williams, J. S., Wilson, B. T., Jumper, C. A., Cobos, E., & **Lochbaum, M. R.** (2001). *Effects of an aerobic exercise conditioning program on cancer survivors*. Requested \$32,124 from The CH Foundation.

Internal Applications

1. Meaney, K. S., Hart, M. A., **Lochbaum, M. R.**, & Stevens, T. (2007). *Promoting physical health and academics research at Texas Tech University: Developing the ProRHATT Center*. Requested \$330,000 from the Office of the Vice President for Research at Texas Tech University.
2. Meaney, K. S., Hart, M. A., **Lochbaum, M. R.**, & Stevens, T. (2007). *Promoting physical health and academics research at Texas Tech University: Developing the ProRHATT Center*. Requested \$35,000 from the Research Enrichment Fund at Texas Tech University.
3. Meaney, K. S., Hart, M. A., **Lochbaum, M. R.**, et al. (2006). *Childhood obesity multidisciplinary behavioral research at Texas Tech University: Developing the COMBATT Center*. Requested \$390,497 from the Office of the Vice President for Research at Texas Tech University.
4. Meaney, K., Hart, M., Massey-Stokes, M., Dornier, L., **Lochbaum, M.**, et al. (2006). *Investigating childhood obesity intervention strategies for low socio-economic children and families: A multifaceted approach*. Requested \$555,068 from the Office of the Vice President for Research at Texas Tech University.
5. **Lochbaum, M. R.**, & Massey-Stokes, M. (2002). *Effects of Physical Exercise on Quality of Life and Related Variables in Cancer Patients Undergoing Chemotherapy*. Requested \$3,375 from the Institute for University Research: Research Enhancement Fund, College of Arts and Sciences.