

Daniel Patrick O'Connor

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PROFESSIONAL

University of Houston, Houston, Texas.

Administrative Appointments

Dean, College of Liberal Arts and Social Sciences, January 2022–present.

Interim Dean, College of Liberal Arts and Social Sciences, July 2020–December 2021.

Associate Dean for Faculty and Research, College of Liberal Arts and Social Sciences,
August 2018–July 2020.

Department Chair, Health and Human Performance, April 2016–July 2020.

Fellow, Helping Everyone Achieve a Lifetime of Health (HEALTH) Research Institute,
September 2016–present.

Executive Board Member, Helping Everyone Achieve a Lifetime of Health (HEALTH)
Research Institute, September 2016–July 2020.

Interim Director, Texas Obesity Research Center, September 2011–May 2012, August 2013–
August 2015.

Executive Board, Texas Obesity Research Center, September 2009–August 2015.

Chair, Committee for the Protection of Human Subjects COM1 (Institutional Review Board),
University of Houston, 2012 to 2015.

Committee for the Protection of Human Subjects COM1 (Institutional Review Board),
University of Houston, Member, 2010 to 2012; Alternate member, 2009 to 2010.

Faculty Appointments

Professor (tenured), Health and Human Performance, September 2016–present.

Associate Professor (tenured), Health and Human Performance, September 2011–August
2016.

Assistant Professor (tenure track), Health and Human Performance, July 2007–August 2011.

Adjunct faculty, Health and Human Performance, 2003–2007.

Joe W. King Orthopedic Institute, Houston, Texas.

President, January 2001–July 2007.

Founding Director, Accreditation Council for Continuing Medical Education (ACCME) accredited Continuing Medical Education (CME) program, 2002-2007.

Director, Texas Nurses Association (TNA) accredited Continuing Nursing Education (CNE) program, 2003-2006.

Director, Board of Certification (BOC) accredited Athletic Training Continuing Education program, 2002-2006.

Research Coordinator, January–December 2000.

Research Assistant, August 1998–December 1999.

Research Associate, January–June 1994.

Texas Orthopedic Hospital, Houston.

Supervisor, Physical Therapy, Rehabilitation Department, September 1994–June 1998.

Supervised daily operations, budgeting and expenditures, hiring/staffing, policies and procedures, compliance, and internal and external relations.

Hospital planning and opening team, 1994–1995.

Designed Rehabilitation Department including clinical space and equipment, initial staffing and hiring plan (36 employees), initial operating budget (\$1.2M/yr), and developed policies/procedures to comply with Joint Commission standards.

Texas Woman's University, Houston, Texas.

Adjunct faculty, Physical Therapy, 2000–2004; taught courses in post-professional program.

Rice University, Houston, Texas.

Adjunct lecturer, Kinesiology, 1995–1998; guest lectures, supervised undergraduate interns (Texas Orthopedic Hospital).

Licenses and Certifications

Certified Athletic Trainer (USA), 1996–present.

Licensed Athletic Trainer (Texas), 1991–2022.

Licensed Physical Therapist (Texas), 1994–2006.

EDUCATION

Ph.D. Kinesiology (Measurement & Evaluation), University of Houston, Houston, Texas, December 2002.

M.S. Physical Therapy, Texas Woman's University, Houston, Texas, December 1993.

B.A., *cum laude*, Human Performance and Health Sciences, Rice University, Houston, Texas, May 1991.

PUBLICATIONS

Book

1. Bhojani RA, **O'Connor DP**, Fincher AL. *Clinical Pathology for Athletic Trainers: Recognizing Systemic Disease*, 4th ed. Thorofare, NJ: Slack Incorporated, 2022.

Previous Editions

- a. **O'Connor DP**, Fincher AL. *Clinical Pathology for Athletic Trainers: Recognizing Systemic Disease*, 3rd ed. Thorofare, NJ: Slack Incorporated, 2015.
- b. **O'Connor DP**, Fincher AL. *Clinical Pathology for Athletic Trainers: Recognizing Systemic Disease*, 2nd ed. Thorofare, NJ: Slack Incorporated, 2008.
- c. **O'Connor DP**. *Clinical Pathology for Athletic Trainers: Recognizing Systemic Disease*. Thorofare, NJ: Slack Incorporated, 2001.

Peer-Reviewed Journal Articles (WOS *h*-index = 34; Google Scholar *h*-index = 49)

**Lead/senior authorship*

***First author is a student I supervised*

1. Ramclam AN, Taing M, Kyburz B, Williams T, Casey K, Correa-Fernández V, Obasi EM, Leal IM, Chen TA, **O'Connor DP**, Reitzel LR. An epidemic and a pandemic collide: assessing the feasibility of tobacco treatment among vulnerable groups at COVID-19 protective lodging. *Families, Systems, & Health*. [In Press].
2. Taing M and Nitturi V (joint first authors), Chen TA, Kyburz B, Martinez Leal I, Correa-Fernández V, Obasi EM, Williams T, Casey K, **O'Connor DP**, Koshy L, Britton M, Drenner K, Reitzel LR. implementation and outcomes of a comprehensive tobacco-free workplace program in opioid treatment centers in Texas. *International Journal of Environmental Research and Public Health*. 2022;19:239.
<https://doi.org/10.3390/ijerph19010239>
3. *,**Zhao X, Lee RE, Ledoux TA, Hoelscher DM, McKenzie TL, **O'Connor DP**. Harmonizing ratings from different school environment assessment methods: a simplified approach. *Journal of School Health*. 2021;92:92-98.
4. Arlinghaus KR, **O'Connor DP**, Ledoux TA, Hughes SO, Johnston CA. A staged approach to address children and adolescents unresponsive to initial obesity intervention: a randomized clinical trial. *International Journal of Obesity*. 2021;45:2585-2590.

5. Lee RE, Suh BC, Cameron C, O'Neal A, Jarrett S, **O'Connor DP**, Ohri-Vachaspati P, Todd M, Hughes R. Psychometric properties of the Food Environment Assessment Survey Tool (FEAST) in people with mobility impairment. *Public Health Nutrition*. 2021;24:4796-4802.
6. Le K, Chen TA, Martinez Leal I, Correa-Fernández V, Obasi EM, Kyburz B, Williams T, Casey K, Taing M, **O'Connor DP**, Reitzel LR. Organizational factors moderating changes in tobacco use dependence care delivery following a comprehensive tobacco-free workplace intervention in non-profit substance use treatment centers. *International Journal of Environmental Research and Public Health*. 2021;18:10485. doi: 10.3390/ijerph181910485.
7. Cepni AB, Taylor A, Thompson D, Moran NE, Olvera N, **O'Connor DP**, Johnston CA, Ledoux TA. Exploring qualities of ethnically diverse parents related to the healthy home environment of toddlers. *Appetite*. 2021;167:105608. doi: 10.1016/j.appet.2021.105608.
8. Cepni AB, Taylor A, Crumbley C, Thompson D, Moran NE, Olvera N, **O'Connor DP**, Arlinghaus KR, Johnston CA, Ledoux TA. Feasibility and efficacy of the "FUNPALs Playgroup" intervention to improve toddler dietary and activity behaviors: A pilot randomized controlled trial. *International Journal of Environmental and Public Health*. 2021;18:7828.
9. Le K, Chen TA, Martinez Leal I, Correa-Fernandez V, Obasi EM, Kyburz B, Williams T, Casey K, Brown HA, **O'Connor DP**, Reitzel LR. Organizational-level moderators impacting tobacco-related knowledge change after tobacco education training in substance use treatment centers. *International Journal of Environmental and Public Health*. 2021;18:7597.
10. Brinker MR, Amirian A, **O'Connor DP**, Laughlin MS. Efficacy of PRECICE nail in treatment of adult patients with post-traumatic femoral leg length discrepancy. *Journal of Orthopaedic Trauma*. 2021;35:e304-e308.
11. Leal IM, Taing M, Correa-Fernandez V, Obasi EM, Byburz B, Le K, Koshy L, Chen TA, Williams T, Casey K, **O'Connor DP**, Reitzel LR. Addressing smoking cessation among women in substance use treatment: a qualitative approach to guiding tailored interventions. *International Journal of Environmental Research and Public Health*. 2021;18:5764. doi: 10.3390/ijerph18115764. PMID: 34072064
12. *Lee RE, Parker NH, Hallett AM, Kao D, Modelska MJ, Rifai JS, Soltero EG, **O'Connor DP**. Stakeholder perspectives and sustainability of an integrated care model for the prevention and management of obesity: the Childhood Obesity Research Demonstration (CORD) Project. *Translational Behavioral Medicine*. 2021;11:393-407.
13. Reesor-Oyer L, Murillo R, LaVoy EC, **O'Connor DP**, Liu Y, Hernandez DC. Evaluation of the role of leisure time physical activity and sedentary behavior simultaneously in the income-overweight/obesity relationship. *International Journal of Environmental Research and Public Health*. 2021;18(6):3127.
14. Azadan RJ, Agha NH, Kunz HE, Baker FL, Mylabathula P, Ledoux TA, **O'Connor DP**, Pedlar CR, Simpson RJ. The effects of normoxic endurance exercise on erythropoietin (EPO) production and the impact of selective β_1 and non-selective $\beta_1 + \beta_2$ adrenergic receptor blockade. *European Journal of Applied Physiology*. 2021;121:1499-1511.

15. Nitturi V, Chen T-A, Kyburz B, Martinez Leal I, Correa-Fernandez V, **O'Connor DP**, Williams T, Garey L, Stacey T, Wilson WT, Lam C, Reitzel LR. Organizational characteristics and readiness for tobacco-free workplace program implementation moderates changes in clinician's delivery of smoking interventions within behavioral health treatment clinics. *Nicotine & Tobacco Research*. 2021;23:310-319.
16. Arlinghaus KR, **O'Connor DP**, Ledoux TA, Hughes SO, Johnston CA. The role of early and later response on overall outcomes in school-based obesity intervention. *Obesity*. 2021;29:177-183.
17. Kunz HE, Agha NH, Hussain M, Smith K, Mylabathula P, Diak D, Baker FL, **O'Connor DP**, Bond R, Katsanis E, Bollard C, Simpson RJ. The effects of β_1 and β_{1+2} adrenergic receptor blockade on the exercise-induced mobilization and ex vivo expansion of virus-specific T-cells: implications for cellular therapy and the anti-viral immune effects of exercise. *Cell Stress & Chaperones*. 2020;25:993-1012.
18. Lee RE, O'Neal A, Cameron C, Hughes RB, **O'Connor DP**, Ohri-Vachaspati P, Todd M, Nosek MA. Developing content for the Food Environment Assessment Survey Tool (FEAST): A systematic mixed methods study with people with disabilities. *International Journal of Environmental Research and Public Health*. 2020;17:7781, doi:10.3390/ijerph17217781.
19. Leal IM, Chen TA, Correa-Fernández V, Le K, **O'Connor DP**, Kyburz B, Wilson WT, Williams T, Reitzel LR. Adapting and evaluating implementation of a tobacco-free workplace program in behavioral health centers. *American Journal of Health Behavior*. 2020;44:820-839.
20. Daundasekara SS, **O'Connor DP**, Berger-Cardoso J, Ledoux TA, Hernandez DC. Risk of excess and inadequate gestational weight gain among Hispanic women: effects of immigration generational status. *International Journal of Environmental Research and Public Health*. 2020;17:6452, doi:10.3390/ijerph17186452.
21. Ledoux TA, Thompson D, O'Connor T, Avery D, Kochi C, **O'Connor DP**, Lin SF, Binggeli-Vallarta A, Blaine RE, Sharma S, Hoelscher DM. Cross-site process evaluation results for the early childhood education center setting: CORD study. *Childhood Obesity*. 2020;16:350-357.
22. Taing M, Kyburz B, Leal IM, Le K, Chen T-A, Correa-Fernandez V, Williams T, **O'Connor DP**, Obasi EM, Casey K, Koshy L, Reitzel LR. Clinician training in the adaptation of a comprehensive tobacco free workplace program in agencies serving the homeless and vulnerably housed. *International Journal of Environmental Research and Public Health*. 2020;17:6154, doi: 10.3390/ijerph17176154.
23. Le K, Correa-Fernández V, Martinez Leal I, Kyburz B, Chen T-A, Barrientos D, Saenz E, Williams T, **O'Connor DP**, Obasi EM, Casey K, Reitzel LR. Tobacco-free workplace program at a substance use treatment center. *American Journal of Health Behavior*. 2020;44:652-665.
24. Silveira SL, Ledoux TA, Johnston CA, Kalpakjian C, **O'Connor DP**, Cottingham M, McGrath R, Tate D. Well on Wheels intervention: satisfaction with life and health for adults with spinal cord injuries. *Journal of Spinal Cord Medicine*. 2020;43:60-68.

25. Hand GA, Shook RP, **O'Connor DP**, Kindred MM, Schumacher S, Drenowatz C, Paluch AE, Burgess S, Blundell JE, Blair SN. The effect of exercise training on total daily energy expenditure and body composition in weight-stable adults: a randomized, controlled trial. *Journal of Physical Activity and Health*. 2020;17:456-463.
26. *Lee RE, Kao D, Parker NH, Hallett AM, Kochi CY, Modelska MJ, Rifai HS, **O'Connor DP**. Evaluating sustainability in the Childhood Obesity Research Demonstration (CORD) project: the model and process. *Archives of Public Health*. 2020 Feb 13;78:13. doi: 10.1186/s13690-020-0397-2.
27. Baker FL, Bigley AB, Agha NH, Pedlar CR, **O'Connor DP**, Bond RA, Bollard CM, Katsanis E, Simpson RJ. Systemic β -adrenergic receptor activation augments the ex vivo expansion and anti-tumor activity of V γ 9V δ 2 T-cells. *Frontiers in Immunology*. 2020;10:3082. doi: 10.3389/fimmu.2019.03082.
28. Daundasekara SS, **O'Connor DP**, Berger-Cardoso J, Ledoux T, Hernandez DC. Association between generational status and smoking behaviors before and during pregnancy among Hispanic women. *Addictive Behaviors*. 2020;104:106310. doi: 10.1016/j.addbeh.2020.106310.
29. Silveira SL, Ledoux TA, Johnston CA, Kalpakjian C, **O'Connor DP**, Cottingham M, McGrath R, Tate D. Differences among participants' response to a wellness intervention for individuals with spinal cord injuries. *Disability and Health Journal*. 2020;13:100842. doi: 10.1016/j.dhjo.2019.100842.
30. **Parker NH, Lee RE, **O'Connor DP**, Ngo-Huang A, Petzel MQB, Schadler K, Wang X, Xiao L, Fogelman D, Simpson R, Fleming JB, Lee JE, Tzeng CD, Sahai SK, Basen-Engquist K, Katz MHG. Supports and barriers to home-based physical activity during preoperative treatment of pancreatic cancer: A mixed-methods study. *Journal of Physical Activity & Health*. 2019;16:1113-1122.
31. Ngo-Huang A, Parker NH, Bruera E, Lee RE, Simpson R, **O'Connor DP**, Petzel M, Fontillas RC, Schadler K, Xiao X, Wang X, Fogelman D, Sahai SK, Lee JE, Basen-Engquist K, Katz MHG. Home-based exercise prehabilitation during preoperative treatment for pancreatic cancer is associated with improvement in physical function and quality of life. *Integrative Cancer Therapies*. 2019;18:1534735419894061. doi: 10.1177/1534735419894061.
32. Soltero E, Ledoux TA, **O'Connor DP**, Moore Q, Berger Cordoso J, Lee RE. Cross-country comparison of school neighborhood food environments in Houston, Texas and Guadalajara, Mexico. *Journal of Primary Prevention*. 2019 Dec;40(6):591-606. doi: 10.1007/s10935-019-00568-x.
33. Nosek MA, Robinson-Whelen S, Ledoux TA, Hughes RB, **O'Connor DP**, Lee RE, Goe R, Silveria SL, Markley R, Nosek TM. A Pilot Test of the GoWoman weight management intervention for women with mobility impairments in the online virtual world of Second Life. *Disability and Rehabilitation*. 2019;22:2718-2729.
34. Arlinghaus KR, **O'Connor DP**, Johnston CA. Frequency of school-based intervention needed to improve weight outcomes of Mexican-American adolescents with overweight or obesity: a randomized controlled trial. *Pediatric Obesity*. 2019;14:e12568.

35. **Parker N, Ngo-Huang A, Lee RE, **O'Connor DP**, Basen-Engquist K, Petzel MQB, Wang X, Xiao L, Fogelman DR, Schadler KL, Simpson RJ, Fleming JB, Lee JE, Varadhachary GR, Sahai SK, Katz MHG. Physical activity and exercise during preoperative pancreatic cancer treatment. *Supportive Care in Cancer*. 2019;27:2275-2284.
36. Correa-Fernández V, Wilson WT, Kyburz B, **O'Connor DP**, Stacey T, Williams T, Lam CY, Reitzel LR. Evaluation of the Taking Texas Tobacco Free workplace program within behavioral health centers. *Translational Behavioral Medicine*. 2019;9:319-327.
37. *,**Lee CY, Ledoux TA, Johnston CA, Ayala GX, **O'Connor DP**. Associations of parental BMI with child's health behaviors and child's BMI depend on child's age. *BMC Obesity*. 2019;6:11. doi: 10.1186/s40608-019-0232-x.
38. Kunz H, Spielmann, G, Agha N, **O'Connor DP**, Bollard CM, Simpson RJ. A single exercise bout augments adenovirus-specific T-cell mobilization and function. *Physiology & Behavior*. 2018;194:56-65.
39. Cunningham B, **O'Connor DP**, Brinker MR. High rate of union for aseptic distal tibial nonunions in adults treated with slow gradual compression via circular external fixation. *Journal of Orthopaedic Trauma*. 2018;32:301-305.
40. Kilian CM, Morris BJ, Sochacki KR, Gombera MM, Haigler RE, **O'Connor DP**, Edwards TB. Radiographic comparison of finned, cementless central pegged glenoid component and conventional cemented pegged glenoid component in total shoulder arthroplasty: a prospective randomized study. *Journal of Shoulder and Elbow Surgery*. 2018;27(6S):S10-S16.
41. Paluch AE, Hand GA, **O'Connor DP**, Wilcox S, Shook RP, Drenowatz C, Baruth M, Burgess S, Blair SN. The influence of life events and psychological stress on objectively measured physical activity: A 12-month longitudinal study. *Journal of Physical Activity and Health*. 2018;15:374-382.
42. Ledoux TA, Robinson J, Baranowski T, **O'Connor DP**. Teaching parents about responsive feeding through a vicarious learning video: a randomized controlled trial. *Health Education & Behavior*. 2018;45:229-237.
43. Shook RP, Hand GA, **O'Connor DP**, Thomas DM, Hurley TG, Hebert JR, Drenowatz C, Welk GJ, Carriquiry AL, Blair SN. Energy intake derived from an energy balance equation, validated activity monitors, and dual x-ray absorptiometry can provide acceptable caloric intake data among young adults. *Journal of Nutrition*. 2018;148:490-496.
44. Warner SJ, **O'Connor DP**, Brinker MR. Sub-tubercle osteotomy for medial compartment osteoarthritis of the knee using an Ilizarov technique: survival analysis and clinical outcomes. *Journal of Bone and Joint Surgery*. 2018;100:e1.
45. Pourmoghaddam A, Dettmer M, Malanka SJK, Veverka M, **O'Connor DP**, Paloski WH, Layne CS. Assessing multiple muscle activation during squat movements with different loading conditions - an EMG study. *Biomedizinische Technik*. 2018;63:413-420. <https://doi.org/10.1515/bmt-2016-0226>

46. Kilian CM, Press CM, Smith KM, **O'Connor DP**, Morris BJ, Elkousy HA, Gartsman GM, Edwards TB. Radiographic and clinical comparison of pegged and keeled glenoid components using modern cement techniques: midterm results of a prospective randomized study. *Journal of Shoulder and Elbow Surgery*. 2017;26:2078-2085.
47. Daundasekara S, Beasley AD, **O'Connor DP**, Sampson M, Hernandez, D, Ledoux TA. Validation of the Intuitive Eating Scale for pregnant women. *Appetite*. 2017;112:201-209.
48. Meng H, **O'Connor DP**, Lee BC, Layne CS, Gorniak SL. Alterations in over-ground walking patterns in obese and overweight adults. *Gait and Posture*. 2017;53:145-150.
49. *Brinker MR, Trivedi A, **O'Connor DP**. The debilitating effects of femoral nonunion on health-related quality of life. *Journal of Orthopaedic Trauma*. 2017;31:e37-e42.
50. Darouiche RO, Green DM, Harrington MA, Ehni BI, Kouglas P, Bechara CF, **O'Connor DP**. Association of airborne microorganisms in the operating room with implant infections: a randomized controlled trial. *Infection Control and Hospital Epidemiology*. 2017;38:3-10.
51. Gartsman GM, Waggenspack WN, **O'Connor DP**, Elkousy HA, Edwards TB. Immediate and early complications of the open Latarjet procedure: a retrospective review of a large consecutive case series. *Journal of Shoulder and Elbow Surgery*. 2017;26:68-72.
52. Pourmoghammad A, Dettmer M, **O'Connor DP**, Paloski WH, Layne CS. Measuring multiple neuromuscular activation using EMG – a generalizability analysis. *Biomedizinische Technik*. 2016;61:595-605.
53. Bigley AB, Rezvani K, Shah N, Sekine T, Balneger N, Pistillo M, Agha N, Kunz H, **O'Connor DP**, Bollard C, Simpson RJ. Latent CMV infection enhances anti-tumor cytotoxicity through accumulation of NKG2C+ NK-cells in healthy humans. *Clinical and Experimental Immunology*. 2016;185:239-251.
54. Davis JA, Choo A, **O'Connor DP**, Brinker MR. Treatment of infected forearm nonunion with large complete segmental defects using bulk allograft and intramedullary fixation. *Journal of Hand Surgery [American]*. 2016;41:881-887.
55. **Parker N, **O'Connor DP**, Kao D, Lee RE. Do neighborhood physical activity resources and land-use influence physical activity among public housing residents? *Journal of Health Care for the Poor and Underserved*. 2016;27:1330-1344.
56. *Brinker MR, **O'Connor DP**. The biologic basis for nonunions. *JBJS Reviews*. 2016;4:e3. doi: 10.2106/JBJS.RVW.15.00078.
57. Holzman M, Hanus BD, Munz JW, **O'Connor DP**, Brinker MR. Addition of a medial locking plate to an in situ lateral locking plate results in healing of distal femoral nonunions. *Clinical Orthopaedics and Related Research*. 2016;474:1498-1505.
58. Leach HJ, **O'Connor DP**, Simpson RJ, Rifai H, Mama SK, Lee RE. An exploratory decision tree analysis to predict cardiovascular disease risk in African American women. *Health Psychology*. 2016;35:397-402.

59. Bangdiwala SI, Bhargava A, **O'Connor DP**, Michie S, Murray D, Stevens J, Belle S, Templin T, Pratt C. Statistical methodologies to pool across multiple intervention studies. *Translational Behavioral Medicine: Practice, Policy, and Research*. 2016;6:228-235.
60. Bigley AB, Spielmann G, Agha N, **O'Connor DP**, Simpson RJ. Dichotomous effects of latent CMV infection on the phenotype and functional properties of CD8+ T-cells and NK-cells. *Cellular Immunology*. 2016;300:26-32.
61. *Brinker MR, **O'Connor DP**. Management of aseptic tibial and femoral diaphyseal nonunions without bony defects. *Orthopedic Clinics of North America*. 2016;47:67-75.
62. Meng H, **O'Connor DP**, Lee BC, Layne CS, Gorniak SL. Effects of adiposity on postural control and cognition. *Gait and Posture*. 2016;43:31-37.
63. Joseph S, Stevens A, Ledoux TA, O'Connor TM, **O'Connor DP**, Thompson D. Rationale, design and methods for process evaluation in the Childhood Obesity Research Demonstration study. *Journal of Nutrition Education and Behavior*. 2015;47:560-565.
64. Layne CS, Parker NH, Soltero EG, Chavez JR, **O'Connor DP**, Gallagher MR, Lee RE. Are physical activity studies in Hispanics meeting reporting guidelines for continuous monitoring technology? A systematic review. *BMC Public Health*. 2015;15:917. doi: 10.1186/s12889-015-2266-4.
65. Bigley AB, Rezvani K, Pistillo M, Reed J, Agha N, Kunz H, **O'Connor DP**, Bollard CM, Simpson R. Acute exercise preferentially redeploys NK-cells with a highly-differentiated phenotype and augments cytotoxicity against lymphoma and multiple myeloma target cells. Part II: Impact of latent cytomegalovirus infection and catecholamine sensitivity. *Brain, Behavior, and Immunity*. 2015;49:59-65.
66. Schottel PC, **O'Connor DP**, Brinker MR. Time trade-off as a measure of health-related quality of life: long bone nonunions have a devastating impact. *Journal of Bone and Joint Surgery*. 2015;97:1406-1410.
67. ***O'Connor DP**, Mama SK, Adamus HJ, Lee RE. Factorial invariance of the Physical Activity Neighborhood Environment Survey (PANES) among residents of single vs. multi-family housing. *Research Quarterly for Exercise & Sports*. 2015;86:303-310.
68. Mama SK, Schembre SM, **O'Connor DP**, Kaplan CD, Bode S, Lee RE. Effectiveness of a lifestyle intervention to reduce binge eating symptoms in African American and Hispanic women. *Appetite*. 2015;95:269-274.
69. *Lee RE, Hallett AM, Parker N, Kao D, Modelska M, Rifai H, **O'Connor DP**. Physical activity policies in Childhood Obesity Research Demonstration (CORD) Communities. *Health Behavior and Policy Review*. 2015;2:284-295.
70. *Lee RE, Hallett A, Parker N, Kudia O, Kao D, Modelska M, Rifai H, **O'Connor DP**. Development of the Policy Indicator Checklist: a tool to identify and measure policies for calorie-dense foods and sugar-sweetened beverages across multiple settings. *American Journal of Public Health*. 2015;105:1036-1043.
71. Ledoux TA, Leach HA, **O'Connor DP**, Mama SK, Lee RE. The association of binge eating and neighborhood fast food restaurant availability on diet and weight status. *Public Health Nutrition*. 2015;18:352-360.

72. LaVoy ECP, Bollard CM, Hanley PJ, Blaney JW, **O'Connor DP**, Bosch JA, Simpson RJ. A single bout of dynamic exercise enhances the expansion of MAGE-A4 and PRAME-specific cytotoxic T-cells from healthy adults. *Exercise Immunology Review*. 2015;21:144-153.
73. LaVoy ECP, Hanley PJ, Bollard CM, **O'Connor DP**, Lowder TW, Bosch JA, Simpson RJ. A single bout of dynamic exercise enhances the generation of monocyte-derived-dendritic cells. *Cellular Immunology*. 2015;295:52-59.
74. Soltero EG, Hernandez D, **O'Connor DP**, Lee RE. Does social support mediate the relationship among neighborhood disadvantage, incivilities, crime and physical activity? *Preventive Medicine*. 2015;72:44-49.
75. ***O'Connor DP**, Lee RE, Mehta P, Thompson D, Bhargava A, Carlson C, Kao D, Layne CS, Ledoux TL, O'Connor T, Rifai H, Gulley L, Hallett A, Kudia O, Joseph S, Modelska M, Ortega D, Parker N, Stevens A, the CORD team. Childhood Obesity Research Demonstration project: cross-site evaluation methods. *Childhood Obesity*. 2015;11:92-103.
76. Morris BJ, Haigler RE, **O'Connor DP**, Elkousy HA, Gartsman GM, Edwards TB. Outcomes of staged bilateral reverse shoulder arthroplasties for rotator cuff tear arthropathy. *Journal of Shoulder and Elbow Surgery*. 2015;24:474-481.
77. Pourmoghaddam A, Dettmer M, **O'Connor DP**, Paloski WH, Layne CS. Identification of changing lower limb neuromuscular activation in Parkinson's disease during treadmill gait with and without levodopa using a nonlinear analysis index. *Parkinson's Disease*. 2015; Article ID 497825: 8 pages. <http://dx.doi.org/10.1155/2015/497825>.
78. Morris BJ, **O'Connor DP**, Torres D, Gartsman GM, Elkousy H, Edwards TB. Risk factors for periprosthetic infection after reverse shoulder arthroplasty. *Journal of Shoulder and Elbow Surgery*. 2015;24:161-166.
79. Swanson EA, Garrard EC, **O'Connor DP**, Brinker MR. The results of a systematic approach to exchange nailing for the treatment of aseptic tibial nonunions. *Journal of Orthopaedic Trauma*. 2015;29:28-35.
80. Swanson EA, Garrard EC, Bernstein DT, **O'Connor DP**, Brinker MR. The results of a systematic approach to exchange nailing for the treatment of aseptic femoral nonunions. *Journal of Orthopaedic Trauma*. 2015;29:21-27.
81. Cross MB, Hallett AM, Ledoux TA, **O'Connor DP**, Hughes SO. Effects of children's self-regulation of eating on parental feeding practices and child weight. *Appetite*. 2014;81:76-83.
82. Press CM, **O'Connor DP**, Elkousy HA, Gartsman GM, Edwards TB. Glenoid perforation does not affect the short-term outcomes of pegged all-polyethylene implants in total shoulder arthroplasty. *Journal of Shoulder and Elbow Surgery*. 2014;23:1208-1207.
83. Artero EG, Jackson AS, Sui X, Lee DC, **O'Connor DP**, Lavie CJ, Church TS, Blair SN. Longitudinal algorithms to estimate cardiorespiratory fitness: associations with non-fatal cardiovascular disease and disease-specific mortality. *Journal of the American College of Cardiology*. 2014;63:2289-2296.

84. **Downs ME, Hackney KJ, Martin D, Caine TL, Cunningham D, **O'Connor DP**, Ploutz-Snyder L. Acute vascular and cardiovascular responses to blood flow-restricted exercise. *Medicine & Science in Sports & Exercise*. 2014;46:1489-1497.
85. Spielmann G, Johnston CA, **O'Connor DP**, Foreyt JP, Simpson RJ. Excess body mass is associated with T-cell differentiation indicative of immune aging in children. *Clinical and Experimental Immunology*. 2014;176:246-54.
86. Rodriguez AX, Olvera N, Leung P, **O'Connor DP**, Smith DW. Association between the summer season and body fatness and aerobic fitness among Hispanic children. *Journal of School Health*. 2014;84:233-238.
87. Elkousy HA, Romero JA, **O'Connor DP**, Edwards TB, Gartsman GM. Ultrasound and clinical evaluation of soft tissue versus hardware biceps tenodesis: Is hardware tenodesis worth the cost? *American Journal of Orthopaedics*. 2014;43:62-65.
88. LaVoy EC, Bigley AB, Spielmann G, Rector JL, Morrison MR, **O'Connor DP**, Simpson RJ. CMV amplifies T-cell redeployment to acute exercise independently of HSV-1 serostatus. *Medicine and Science in Sports and Exercise*. 2014;46:257-267.
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Book Chapters

1. Nosek MA, Robinson-Whelen S, Hughes RB, Silveira SL, Markley R, Ledoux TA, **O'Connor DP**, Lee RE, Nosek TM, & the GoWoman Consortium. Response of Women with Mobility Impairments to a Group Weight Management Intervention in the Virtual World of SecondLife[®]. In: Hayre C, Muller D, Sherer M (Eds) *Virtual Reality in Health and Rehabilitation*. Boca Raton, FL: CRC Press, Taylor & Francis Group, 2020, pp. 283-296.
2. Brinker MR, **O'Connor DP**. Principles of malunions. In: Tornetta P III, Ricci WM, Ostrum RF, McQueen MM, McKee M, Court-Brown CM (Eds.). *Rockwood & Green's Fractures in Adults*, 9th ed. Philadelphia: Wolters Kluwer, 2019.
3. Brewer J, **O'Connor DP**, Brinker MR. Nonunions. In: Ricci WM, Ostrum RF (Eds.). *Orthopaedic Knowledge Update Trauma 5*. Rosemont, IL: American Academy of Orthopaedic Surgeons, 2016.
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10. Brinker MR, **O'Connor DP**. Basic Sciences. In: Miller MD (Ed.). *Review of Orthopaedics*, 6th ed. Philadelphia: W.B. Saunders, 2012, pp. 1-142.
11. Lee RE, Layne CS, McFarlin BF, **O'Connor DP**, Siddiq S. Obesity Prevention in Second Life: The International Health Challenge. In: Russell D (Ed.). *Cases on Collaboration in Virtual Learning Environments: Processes and Interactions*. Hershey, PA: Information Science Reference, 2009, pp. 110-120.
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EXTRAMURAL FUNDING

Total Research Awards: \$17,897,317 (\$13,579,336 direct costs)

Principal Investigator: 8 awards, \$7,782,735 (\$5,603,772 direct costs)

Co-Investigator/Consultant: 23 awards, \$10,114,582 (\$7,975,564 direct costs)

Active

Co-Investigator

1. Cancer Prevention Research Institute of Texas (CPRIT, PP200051). Taking Texas Tobacco Free Through a Sustainable Education/Training Program Designed for Personnel Addressing Tobacco Control in Behavioral Health Settings. Principal Investigator Lorraine Reitzel. September 1, 2020 to August 31, 2022. Direct costs: \$291,247. Indirect costs: \$8,706. 2.5% credit, 2.0% total effort: evaluation plan, data analysis, and reporting.

Completed

Principal Investigator

1. United Health Foundation (1667). A Community Collaborative for Preventing and Treating Obesity in Underserved Communities in Houston. Co-Principal Investigator Ezemenari Obasi. November 1, 2016 to April 30, 2020. Direct costs: \$1,739,130. Indirect

costs: \$260,870. 25% credit, 15% total effort: coordination and integration of obesity treatment interventions and program evaluation.

2. Joe W. King Orthopedic Institute (G501059). Technical support for orthopedic surgery research. Co-Principal Investigator Mitzi Laughlin. February 1, 2018 to April 30, 2018. Direct costs: \$24,510. Indirect costs: \$12,990. 50% credit, 10% total effort: study design, project management, implementation, analysis, and reporting.
3. Joe W. King Orthopedic Institute (G109267). Clinical and translational methods and outcomes in orthopedic surgery (renewal 2). Co-Principal Investigator Mitzi Laughlin. December 1, 2014 to November 30, 2017. Direct costs: \$299,003. Indirect costs: \$150,997. 75% credit, 10% total effort: study design, project management, implementation, analysis, and reporting.
4. Centers for Disease Control and Prevention (U18DP003350). Best Evaluation Tools and Techniques for Effective Recommendations for Policies (BETTER Policies): ACA Childhood Obesity Research Demonstration – Evaluation Center. October 1, 2011 to September 30, 2016. Direct costs: \$2,842,807. Indirect costs: \$1,407,190. 20% credit, 25% total effort: project administration and coordination, analytical design, oversight of statistical analyses and all reporting.
5. Joe W. King Orthopedic Institute (G104391). Clinical and translational methods and outcomes in orthopedic surgery (renewal 1). December 2011 to November 2014. Direct costs: \$268,896. Indirect costs: \$133,104. 75% credit, 10% total effort: responsible for design, project management, implementation, analysis, and reporting.
6. Joe W. King Orthopedic Institute (G098166). Clinical and translational methods and outcomes in orthopedic surgery. December 2008 to November 2011. Direct costs: \$268,000. Indirect costs: \$134,000. 87.5% credit, 25% total effort: responsible for all aspects of design, project management, execution, analysis, and reporting.
7. NIH/National Institute of Diabetes and Digestive and Kidney Diseases (NIDDK), University of Houston TIGER study subaward with University of Alabama – Birmingham: parent award R01DK062148 for \$3,672,848, Principal Investigator Molly S. Bray. September 2009 to December 2010. Direct costs: \$71,492. Indirect costs: \$35,746. 50% credit, 8.3% total effort: data collection, data analysis, manuscript production.
8. Joe W. King Orthopedic Institute (G096377). Measurement and analysis of clinical and patient-oriented outcomes in orthopedic surgery. December 2007 to November 2008. Direct costs: \$89,333. Indirect costs: \$44,067. 100% credit, 25% total effort: responsible for all aspects of design, project management, execution, analysis, and reporting.

Co-Investigator

1. Cancer Prevention Research Institute of Texas (CPRIT, PP170070). Taking Texas Tobacco Free: Increasing Tobacco Cessation in Substance Use Treatment Centers via an Evidence-Based, Comprehensive Tobacco-Free Workplace Program. Principal Investigator Lorraine Reitzel. September 1, 2017 to August 31, 2021. Direct costs:

\$1,277,043. Indirect costs: \$71,808. 10% credit, 5% total effort: evaluation plan, data analysis, and reporting.

2. NIH/National Cancer Institute (1P20CA221697). U-HAND (University of Houston /MD Anderson) Program to Reduce Cancer Disparities. Principal Investigator Lorraine Reitzel. September 22, 2017 to August 31, 2021. Direct costs: \$830,846. Indirect costs: \$440,349. 0% credit, 1% total effort: internal advisory committee.
 - a. Cancer Risk Based on Stress (project within overall award). Principal Investigator Daphne Hernandez. September 22, 2017 to March 31, 2020. Direct costs: \$50,000. Indirect costs: \$17,320. 10% credit, 1.0% total effort: analytical design, data analysis and reporting.
3. William T. Grant Foundation (187656). Can Food Scholarships Reduce Inequality by Improving College Persistence Among Community College Students? Principal Investigator Daphne Hernandez. June 1, 2018 to May 31, 2020. Direct costs: \$484,949. Indirect costs: \$72,742. 20% credit, 2.0% total effort: analytical design, data analysis and reporting.
4. NIH/National Cancer Institute (R21CA197527). CMV Infection and NK-Cell Therapy for Multiple Myeloma. Principal Investigator Richard Simpson. September 2016 to August 2018 (no-cost extension to August 2019). Direct costs: \$140,373. Indirect costs: \$70,888. 50% credit, 1.8% total effort: analytical design, data analysis and reporting.
5. American Heart Association (15BGIA25360017). Elucidating the relationship between cortical hemodynamics and mild cognitive impairment in adults with Type II Diabetes. Principal Investigator Stacey Gorniak. January 2016 to December 2017. Direct costs: \$126,511. Indirect costs: \$12,561. 5% credit, 5% total effort [cost-shared]: data analysis, manuscript production.
6. Cancer Prevention Research Institute of Texas (CPRIT PP160081). Taking Texas: Statewide Dissemination of the Taking Texas Tobacco Free Workplace Program. Principal Investigator Lorraine Reitzel. August 2016 to November 2017. Direct costs: \$299,716. Indirect costs: \$0. 5% credit, 5% total effort year 1, 2% total effort year 2: evaluation plan, data analysis, and reporting.
7. Department of Education, National Institute on Disability and Rehabilitation Research (H133G120192). Development of a Virtual Reality Weight Management Intervention for Mobility Impaired Women. UH Subaward PI Tracey Ledoux, Principal Investigator Margaret Nosek. November 2012 to October 2015. Direct costs: \$96,708. Indirect costs: \$48,354. 33% credit, 2.1% total effort: methodology and analytical design, data analysis, manuscript production and review.
8. Academy of Nutrition and Dietetics Foundation. Teaching Parents to Feed their Preschoolers by Example. Principal Investigator Tracey Ledoux. January 2014 to December 2014. Direct costs: \$35,000. Indirect costs: \$3,500. 25% credit, 2% total effort: study design, data analysis.
9. National Aeronautics and Space Administration (NASA NNJ10ZSA003N). The Effects of Long-Term Exposure to Microgravity on Salivary Markers of Innate Immunity. Principal Investigator Richard Simpson. November 2011 to October 2015. Direct costs: \$445,768. Indirect costs: \$220,655. 5% credit, 4.2% total effort Year 4 only, 2014-2015:

methodology and analytical design, data collection, data analysis, manuscript production and review.

10. NIH/National Institute of General Medical Sciences (NIGMS) (2R44GM095005 SBIR II). Air Barrier System to reduce contamination of wounds during surgery. Principal Investigator Sean D. Self. August 2011 to July 2014. Direct costs: \$835,479. Indirect costs: \$334,192. 5% credit, total effort 8.3% years 1-2, 16.7% year 3: experimental design, data analysis, manuscript production.
11. NIH/National Institute Child Health and Human Development (R21HD073685). Science and Community: Partnering to Prevent Early Childhood Obesity. Principal Investigator Rebecca E. Lee. July 1, 2012 to June 30, 2014. Direct costs: \$275,000. Indirect costs: \$136,125. 33% credit, 4.2% total effort Year 1 only: study design, data analysis, manuscript production.
12. NIH/National Cancer Institute (R13CA162816). Multinational Collaboration to Increase PA in Hispanics. Principal Investigator Rebecca Lee. November 2011 to October 2013. Direct costs: \$66,667. Indirect costs: \$33,333. 33% credit, 0.83% total effort: data analysis, report production and review.
13. National Aeronautics and Space Administration (NNJ10ZSA003N). Modulation of Muscle Function by Lower Limb Loading During Long-Duration Space Flight. Principal Investigator William Paloski. November 2011 to October 2012. Direct costs: \$618,818. Indirect costs: \$309,409. 0% credit, total effort 4.2%: methodology and analytical design.
14. National Aeronautics and Space Administration (NNX08AQ37G). Monitoring Of Bone Loss Bio-Markers in Human Sweat: A Non-Invasive, Time Efficient Means of Monitoring Bone Resorption Markers under Micro and Partial Gravity Loading Conditions. Principal Investigator Mark S. F. Clarke. September 2008 to December 2011. Direct costs: \$480,813. Indirect costs: \$235,599. 0% credit, 12.5% total effort: experimental design, data analysis, manuscript production.
15. Faculty Research Grant Award. Interactive Gaming Technology to Prevent and Treat Obesity. Principal Investigator Rebecca E. Lee. March 2009 to February 2011. Direct costs: \$4,000. 10% credit, 5% effort, no salary support: experimental design, data analysis, manuscript production.
16. The USC Network Culture Project. The Texas Obesity Research Center in Second Life. Principal Investigator Rebecca E. Lee. August 2008 to October 2008. Direct costs: L\$300,000 (~\$1,100 USD). 10% credit, 5% total effort, no salary support: data analysis).
17. The Committee on State Societies, American Academy of Orthopaedic Surgeons. Intensity of Orthopaedic Treatment as a Function of Diagnosis, Patient Demographics, and Payer Type. Principal Investigator Mark R. Brinker. October 2003. Direct costs: \$4,000. 5% total effort, no salary support: data management, data analysis, manuscript production.
18. \$24,000 (0% IDC), Kinamed Incorporated. Accuracy of a Total Shoulder Arthroplasty Implant Guidance System. Principal Investigator T. Bradley Edwards. September 2003. Direct costs: \$24,000. 5% total effort, no salary support: data analysis, manuscript production.

Consultant

1. NIH/ Eunice Kennedy Shriver National Institute of Child Health and Human Development (R21HD095380). Food environment measurement with people with mobility impairments. Principal Investigator Rebecca E. Lee. August 2018 to July 2020. Direct costs: \$275,000. Consultant for psychometrics, data analysis and reporting.
2. NIH/National Institute of General Medical Sciences (2R44GM095005 SBIR IIb). Air Barrier System for the prevention of prosthesis-related infections. Principal Investigator Sean D. Self. August 2014 to July 2019. Direct costs: \$1,363,591. Consultant for experimental design, data analysis and reporting.
3. Training Interventions and Genetic Exercise Response (TIGER) study, NIH/National Institute of Diabetes and Digestive and Kidney Diseases (R01DK062148), University of Texas – Austin. Total costs \$3,672,848, Principal Investigator Molly S. Bray, January 2011 to May 2015. (5% total effort: data analysis, manuscript production).
4. National Science Foundation IIP-0912403, SBIR Phase I: Air Barrier System to reduce contamination of wounds during surgery, Nimbic Systems, Inc. Direct cost \$148,879, Principal Investigator Sean Self, February to November 2009. (5% total effort: data analysis, manuscript production).

Educational and Instructional Grants (\$654,750)

University of Houston (\$30,000)

1. University of Houston Faculty Development Initiative Program (FDIP), Technology Recruitment and Retention. Using Digital Communities to Enhance Student Persistence and Retention. Project Director Charles S. Layne, \$30,000. September 2008 to December 2010. (data analysis, manuscript production).

Joe W. King Orthopedic Institute, 2001–2007

Awarded while Director for:

Continuing medical education (CME), accredited by the Accreditation Council for Continuing Medical Education.

Continuing nursing education (CNE), accredited by the Texas Nurses' Association.

Continuing education (for athletic trainers), accredited by the Board of Certification.

1. Tornier, Inc. In support of: Advanced Shoulder Arthroplasty, Course Co-Directors Gary M. Gartsman and T. Bradley Edwards, \$20,000, November 9–10, 2007.
2. Smith & Nephew Endoscopy. In support of: Arthroscopic Rotator Cuff Repair, Course Director Gary M. Gartsman, \$13,750, October 19–20, 2007.

3. Smith & Nephew Endoscopy. In support of: Arthroscopic Glenohumeral Reconstruction, Course Director Gary M. Gartsman, \$13,750, September 21–21, 2007.
4. Smith & Nephew Endoscopy. In support of: Arthroscopic Rotator Cuff Repair, Course Director Gary M. Gartsman, \$13,750, May 18–19, 2007.
5. Smith & Nephew Endoscopy. In support of: Arthroscopic Rotator Cuff Repair, Course Director Gary M. Gartsman, \$13,750, March 23–24, 2007.
6. Tornier, Inc. In support of: Advanced Shoulder Arthroplasty, Course Co-Directors Gary M. Gartsman and T. Bradley Edwards, \$20,000, February 23–24, 2007.
7. Smith & Nephew Endoscopy. In support of: Arthroscopic Rotator Cuff Repair, Course Director Gary M. Gartsman, \$13,750, January 12–13, 2007.
8. Tornier, Inc. In support of: Advanced Shoulder Arthroplasty, Course Co-Directors Gary M. Gartsman and T. Bradley Edwards, \$20,000, December 15–16, 2006.
9. Smith & Nephew Endoscopy. In support of: Arthroscopic Rotator Cuff Repair, Course Director Gary M. Gartsman, \$13,750, October 13–14, 2006.
10. Smith & Nephew Endoscopy. In support of: Arthroscopic Glenohumeral Reconstruction, Course Director Gary M. Gartsman, \$13,750, September 22–23, 2006.
11. Smith & Nephew Endoscopy. In support of: Arthroscopic Rotator Cuff Repair, Course Director Gary M. Gartsman, \$13,750, May 12–13, 2006.
12. Tornier, Inc. In support of: Advanced Shoulder Arthroplasty, Course Co-Directors Gary M. Gartsman and T. Bradley Edwards, \$20,000, February 17–18, 2006.
13. Smith & Nephew Endoscopy. In support of: Arthroscopic Rotator Cuff Repair, Course Director Gary M. Gartsman, \$13,750, January 27–28, 2006.
14. Linvatec, Inc. Unrestricted educational grant to the Joe W. King Orthopedic Institute, \$11,500.
15. Smith & Nephew Endoscopy. In support of: Arthroscopic Glenohumeral Reconstruction, Course Director Gary M. Gartsman, \$13,750, November 18–19, 2005.
16. Smith & Nephew Endoscopy. In support of: Arthroscopic Rotator Cuff Repair, Course Director Gary M. Gartsman, \$13,750, September 30–October 1, 2005.
17. Smith & Nephew Endoscopy. In support of: Arthroscopic Rotator Cuff Repair, Course Director Gary M. Gartsman, \$13,750, May 20–21, 2005.
18. Tornier, Inc. In support of: Advanced Shoulder Arthroplasty, Course Co-Directors Gary M. Gartsman and T. Bradley Edwards, \$30,000, April 22–23, 2005.
19. Arthrosurface, Inc. In support of: Advanced Shoulder Arthroplasty, Course Co-Directors Gary M. Gartsman and T. Bradley Edwards, \$6,000, April 22–23, 2005.
20. Smith & Nephew Endoscopy. In support of: Arthroscopic Glenohumeral Reconstruction, Course Director Gary M. Gartsman, \$13,750, April 1–2, 2005.
21. Smith & Nephew Endoscopy. In support of: Arthroscopic Rotator Cuff Repair, Course Director Gary M. Gartsman, \$13,750, January 21–22, 2005.

22. Linvatec, Inc. Unrestricted educational grant to the Joe W. King Orthopedic Institute, \$11,500.
23. Smith & Nephew Endoscopy. In support of: Arthroscopic Rotator Cuff Repair, Course Director Gary M. Gartsman, \$13,750, November 5–7, 2004.
24. Arthrosurface. In support of: Total Shoulder Arthroplasty, Course Co-Directors Gary M. Gartsman and T. Bradley Edwards, \$6,000, October 29–30, 2004
25. Tornier, Inc. In support of: Total Shoulder Arthroplasty, Course Co-Directors Gary M. Gartsman and T. Bradley Edwards, \$30,000, October 29–30, 2004.
26. Smith & Nephew Endoscopy. In support of: Arthroscopic Glenohumeral Reconstruction, Course Director Gary M. Gartsman, \$13,750, September 10–12, 2004.
27. Smith & Nephew Endoscopy. In support of: Arthroscopic Rotator Cuff Repair, Course Director Gary M. Gartsman, \$13,750, July 23–25, 2004.
28. Smith & Nephew Endoscopy. In support of: Arthroscopic Glenohumeral Reconstruction, Course Director Gary M. Gartsman, \$13,750, May 21–23, 2004.
29. Smith & Nephew Endoscopy. In support of: Arthroscopic Rotator Cuff Repair, Course Director Gary M. Gartsman, \$13,750, April 16–18, 2004.
30. Tornier, Inc. In support of: Total Shoulder Arthroplasty, Course Director Gilles Walch, \$15,500, February 21, 2004.
31. Smith & Nephew Endoscopy. In support of: Arthroscopic Rotator Cuff Repair, Course Director Gary M. Gartsman, \$13,750, January 16–18, 2004.
32. Smith & Nephew Endoscopy. In support of: Arthroscopic Glenohumeral Reconstruction, Course Director Gary M. Gartsman, \$12,500, November 7–9, 2003.
33. Smith & Nephew Endoscopy. In support of: Arthroscopic Rotator Cuff Repair, Course Director Gary M. Gartsman, \$12,500, October 3–5, 2003.
34. Smith & Nephew Endoscopy. In support of: Arthroscopic Glenohumeral Reconstruction, Course Director Gary M. Gartsman, \$12,500, September 19–21, 2003.
35. Pfizer, Inc. In support of: Postoperative Pain Management, \$6,500, September 13, 2003.
36. Smith & Nephew Endoscopy. In support of: Arthroscopic Rotator Cuff Repair, Course Director Gary M. Gartsman, \$12,500, July 18–20, 2003.
37. Smith & Nephew Endoscopy. In support of: Arthroscopic Glenohumeral Reconstruction, Course Director Gary M. Gartsman, \$12,500, May 16–18, 2003.
38. Smith & Nephew Endoscopy. Arthroscopic Rotator Cuff Repair, Course Director Gary M. Gartsman, \$12,500, March 21–23, 2003.
39. Ascension Orthopaedics, Inc. In support of: Metacarpophalangeal (MCP) Arthroplasty, Course Director James B. Bennett, \$10,000, February 15, 2003.
40. Smith & Nephew Endoscopy. In support of: Current Concepts in Arthroscopic Surgery: Knee and Shoulder, Course Director James C. Esch, \$14,700, January 31-February 1, 2003.

41. Smith & Nephew Endoscopy. In support of: Arthroscopic Rotator Cuff Repair, Course Director Gary M. Gartsman, \$12,500, January 10-11, 2003.
42. Orthofix, Inc. In support of: Open Fracture Management: Reconstruction for Bone Loss, \$2,050, November 22, 2002.
43. Smith & Nephew Endoscopy. In support of: Arthroscopic Rotator Cuff Repair, Course Director Gary M. Gartsman, \$10,000, November 15-17, 2002.
44. Smith & Nephew Endoscopy. In support of: Arthroscopic Rotator Cuff Repair, Course Director Gary M. Gartsman, \$10,000, July 12-14, 2002.
45. Smith & Nephew Endoscopy. In support of: Arthroscopic Rotator Cuff Repair, Course Director Gary M. Gartsman, \$7,500, May 17-19, 2002.
46. Smith & Nephew Endoscopy. In support of: Arthroscopic Rotator Cuff Repair, Course Director Gary M. Gartsman, \$6,500, March 1-3, 2002.
47. Smith & Nephew Endoscopy. In support of: Arthroscopic Rotator Cuff Repair, Course Director Gary M. Gartsman, \$4,500, November 9-11, 2001.

TEACHING AND STUDENT SUCCESS

1. Applied Regression Modeling for Health Research (PEP 8334), University of Houston, Health and Human Performance, Fall 2013, Fall 2014, Fall 2015, Fall 2016.
2. Program Planning and Proposal Writing in the Health Professions (PEP 8323), University of Houston, Department of Health and Human Performance, Spring 2013, Spring 2014, Spring 2015, Spring 2016.
3. Measurement in Health and Physical Education (PEP 6305), University of Houston, Department of Health and Human Performance, Summer 2007, Fall 2007, Summer 2008, Fall 2008, Fall 2009, Summer 2010, Fall 2010, Fall 2011, Summer 2012.
4. Doctoral Residency Seminar II (HPER 8304, recoded to PEP 8314 Spring 2013; co-instructor with Dr. Mark Clarke), University of Houston, Department of Health and Human Performance, Spring 2007, Spring 2008, Spring 2009, Spring 2010, Spring 2011, Spring 2012, Spring 2013.
5. Doctoral Residency Seminar I: Principles of Scientific Inquiry (PEP 8306; co-instructor with Dr. Mark Clarke), University of Houston, Department of Health and Human Performance, Fall 2005, Fall 2006, Fall 2007, Fall 2008, Fall 2009, Fall 2010, Fall 2011, Fall 2012.
6. Measurement Techniques in Human Performance/Nutrition (KIN 4310/HLT 4307), University of Houston, Department of Health and Human Performance, Spring 2009.
7. Introduction to Research (KIN 4397), University of Houston, Department of Health and Human Performance, Spring 2008. (special topics course)
8. Advanced Measurement (PEP 7304), University of Houston, Department of Health and Human Performance, Spring 2005, Spring 2006.

9. Research in Human Performance (PEP 7370), University of Houston, Department of Health and Human Performance, Fall 2003, Fall 2004, Fall 2005.
10. Sports Physical Therapy (PT 5901), Texas Woman's University, Physical Therapy Department, Summer 2004.
11. Functional Anatomy of the Upper Extremity (PT 5273), Texas Woman's University, Physical Therapy Department, Summer 2001, Summer 2003.
12. Functional Anatomy of the Lower Extremity (PT 5272), Texas Woman's University, Physical Therapy Department, Summer 2000, Summer 2002.
13. Faculty facilitator, Graduate Student Journal Club, Health and Human Performance Department, 2007 to 2011.

Students' Achievements

1. Allen M. Hallett, Master of Science in exercise science, December 2016. (Role: Advisor)
2. Sandra Wang, Senior Honors Thesis, September 2014 to May 2015. (Role: Chair)
3. Elle Zurenda, \$1,000 Provost's Undergraduate Research Scholarship (PURS). January 2011 to May 2011. (Role: Mentor)
4. Mark A. Knoblauch, \$9,795 National Strength and Conditioning Association Graduate Research Grant – Doctoral. "Effects of Hypercholesterolemia on Myofiber Membrane Wounding." September 2009 to August 2010. (Role: Advisor)

Thesis and Dissertation Committees Chaired/Co-Chaired

1. Tiana R. Smith (Thesis: "The Effects of Order and Time on an Aerobic Plus Resistance Exercise Protocol in Cardiac Rehabilitation", Co-chair with Mark Clarke, defended October 29, 2007).
2. Fred Miller (Dissertation: "Defining Exercise Adherence and Its Determinants: the TIGER study", Co-chair with Andrew Jackson and Molly Bray, defended August 6, 2008).
3. Mark A. Knoblauch (Dissertation: "Influence of Chronic Hypercholesterolemia on Myofiber Membrane Cholesterol and Mechanically-Induced Membrane Disruption", Co-chair with Mark Clarke, defended July 25, 2011).
4. Meghan Everett (Dissertation: "Muscle Blood Flow During Traditional Resistance or Low Load Blood Flow Restricted Exercise During Human Limb Suspension", defended January 27, 2012).
5. Nathan Parker (Dissertation "Preoperative Exercise for Patients With Pancreatic Cancer: Influences And Outcomes", Co-Chair with Rebecca E. Lee, defended April 21, 2017).
6. Justin Reed (Dissertation: "A Shoulder Injury Prevention Program in Youth Swimming: 24-Week In-Season Training Program Effectiveness and Understanding of Pain and Injury Prevention Amongst Athletes," defended July 8, 2020).

7. Che-young Lee (Dissertation: “An Energy Balance Framework for Evaluating Self-Reported Methods for Estimating Weight Change in Individuals,” defended August 3, 2020).
8. Forrest Baker (Dissertation: “The Effects of Acute Exercise on the *Ex Vivo* Expansion and Anti-Leukemia Activity of V γ 9V δ 2 T-cells *In Vitro* and *In Vivo*,” defended September 11, 2020).

Thesis and Dissertation Committees – Completed

1. Andrew Abercromby (Dissertation: “Neuromuscular and Biodynamic Responses to Whole Body Vibration Training”, Chair Charles Layne, defended January 6, 2006).
2. Eric James (Thesis: “Experiment and Theory Regarding the Role of Structural Complexity in Coordination Dynamics”, Co-Chairs Charles Layne and Max Kurz, defended April 24, 2006).
3. Chris Arellano (Thesis: “The Independent Effects of Weight, Gravity and Inertia on Gait Stability”, Chair Max Kurz, defended August 7, 2007).
4. Melissa Scott-Pandorf (Dissertation: “Locomotion Stability in Simulated Martian Gravity: Insights on the Effects of Added Load and Load Location.”, Chair Max Kurz, defended June 11, 2008).
5. Gabriel Blog (Thesis: “The Acute Effects of Isometric Versus Muscle Action During Whole-Body Vibration”, Chair Jill Bush, defended June 12, 2008).
6. Kristen McAlexander (Dissertation: “Correspondence of Directly and Indirectly Measured Built Environment Attributes and Physical Activity Adoption Among African American and Hispanic or Latina Women”, Chair Rebecca Lee, defended April 6, 2010).
7. Augusto X. Rodriguez (Dissertation: Obesity and Physical Fitness of Latin Children during the School Academic Year and Summer Season: A Longitudinal Study,” Chair Norma Olvera, defended April 21, 2010).
8. Penny L. Wilson (Dissertation: “Relationship between dietary habits and binge eating symptoms in African American and Hispanic-Latina women,” Chair Rebecca Lee, defended November 11, 2010).
9. Jessica McLeod (Thesis: “Effectiveness of Various Structured Physical Activities to Elicit Moderate to Vigorous Physical Activity in Overweight Minority Girls”, Chair Norma Olvera, defended November 16, 2010).
10. Jerrald Rector (Thesis: “T-cell Apoptosis and Trafficking in Response to Acute Exercise: An Impact on Immunosenesence?” Chair Richard Simpson, defended March 7, 2011).
11. Kelley Strohacker (Dissertation: “Examining Life Course Changes in Inflammation with High-Fat Feeding”, Chair Brian McFarlin, defended June 21, 2011).
12. Prerana Chitlangia (Thesis: “Dynamic Postural Control in Parkinson’s Disease During Gesture Controlled Virtual Reality” Chair Adam Thrasher, defended November 17, 2011).

13. Jason Anderson (Thesis: “The Effects of Stance Width and Achilles Tendon Vibration on Anticipatory Postural Control” Co-Chairs Charles Layne and Jian Liu, defended December 1, 2011).
14. Jennifer Markesino-Roberts (Thesis: “C.H.A.S.E: A Family-Based Intervention to Reduce Metabolic Syndrome Risk Factors in Hispanic Youth” Chair Norma Olvera, defended December 13, 2011).
15. Mark Morrison (Thesis: “Regulatory T-Cells, Acute Exercise and Aging” Co-Chairs Thomas Lowder and Tracey Ledoux, defended April 23, 2012).
16. Amir Pourmoghaddam (Dissertation: “SYNERGOS: An Index for Quantifying Multiple Muscle Activation” Co-Chairs Charles Layne and Stacey Gorniak, defended May 10, 2012).
17. Whitney Breslin (Dissertation: “The effects of a school based intervention on monocytes, systemic inflammation, and disease risk in Mexican-American children” Chair Brian McFarlin, defended July 6, 2012).
18. Katie Carpenter (Dissertation: “Effects of the Consumption of a High-Fat Meal on Consecutive Days on Immune Cells and Inflammatory Biomarkers” Chair Brian McFarlin, defended July 6, 2012).
19. Christopher Sunseri (Thesis, “Perceived Discrimination and Weekly Stress on Physical Health Outcomes in African American and Hispanic/Latina Women: Health is Power Study” Chair Rebecca Lee, defended December 18, 2012).
20. Heather Adamus-Leach (Dissertation: “The Influence of Neighborhood Environment on Risk Factors for Cardiovascular Disease in African American Women” Chair Rebecca Lee, defended June 13, 2013).
21. Amruta Dongre (Thesis: “Effect of Spasticity on Quality of Life in Spinal Cord Injury Patients”, Chair Adam Thrasher, defended September 13, 2013).
22. Emily LaVoy (Dissertation: “The Effect of an Acute Bout of Exercise on the Expansion of Functional Tumor-Associated-Antigen-Specific T-cells”, Chair Richard Simpson, defended April 18, 2014).
23. Amanda Paluch [University of South Carolina, Ph.D. Exercise Science] (Dissertation: “Examining the Full Spectrum of Physical Activity: Beginning at a Baseline of Zero Activity”, Chair Steven Blair, defended April 23, 2014).
24. Marius Dettmer (Dissertation: “Vibration of the Foot Sole as an Intervention to Improve Older Adults’ Postural Stability”, Chair Charles Layne, defended May 2, 2014).
25. Austin Bigley (Dissertation: “NK-cells and Exercise: Potential Implications for Cancer Immunotherapy”, Chair Richard Simpson, defended August 18, 2014).
26. Benjamin Gordon [University of South Carolina, Ph.D. Exercise Science] (Dissertation: “Weight Gain and Energy Balance”, Co-Chairs Gregory Hand and Steve Blair, defended October 31, 2014).

27. Erica Soltero (Dissertation: “Documenting and Comparing Food Policies and Their Relationship with Food Resources in U.S. And Mexico School Neighborhoods, Co-Chairs Rebecca E. Lee and Tracey Ledoux, defended March 8, 2016).
28. Madhur Rajendran [Computer Science] (Thesis: “Nightmare Runner: A Personalized Avatar and Physical Activity Game”, Chair Zhigang Deng, defended April 8, 2016).
29. Hawley Kunz (Dissertation: “Enhancing Adenovirus-Specific Immunity with Exercise and the Role of Adrenergic Receptors”, Chair Richard Simpson, defended November 25, 2016).
30. Hao Meng (Dissertation: “The Effects of Adiposity on Motor Function in Older Adults,” Chair Stacey Gorniak, defended November 20, 2017).
31. Stephanie Silveira (Dissertation: “Well On Wheels: A Holistic Wellness Intervention for Individuals with Spinal Cord Injuries: Risk Profile, Longitudinal Outcomes, and Success,” Chair Tracey Ledoux, defended March 6, 2018).
32. Saumali Daundasekra (Dissertation: “Effects of Immigration Status and Maternal Health Behaviors on Gestational Weight Gain and Adherence to Institute of Medicine Gestational Weight Gain Recommendations,” Chair Tracey Ledoux, defended March 9, 2018).
33. Lyle Babcock (Dissertation: “The Potential Role of Membrane Cholesterol Content on Insulin Stimulated Glucose Uptake in a Tissue Culture Model of Skeletal Muscle Myofibers,” Chair Mark S.F. Clarke, defended August 13, 2018).
34. Celia Wong [Psychology] (Dissertation: “Keep Calm and Remain Active: A feasibility Study to Examine the Effect of Self-Compassion Writing on Exercise Goal Adherence and Related Outcomes,” Chair Chip Knee, defended April 1, 2019).
35. Jonghae Lee (Dissertation: “Role of Physical Activity in Inflammasome-Mediated Vascular Endothelial Dysfunction in Obesity,” Chair Yoonjung Park, defended November 20, 2019).
36. Jun young Hong (Dissertation: “The Effects of Exercise on Endoplasmic Reticulum Stress-Associated Vascular Dysfunction,” Chair Yoonjung Park, , defended November 22, 2019).
37. Katie Arlinghaus (Dissertation: “Identifying and Treating Youth Unresponsive to School-Based Behavioral Obesity Treatment,” Chair Craig Johnston, defended June 25, 2020).
38. Layton Reesor Oyer (Dissertation: “Relationship between Physical Activity Domains, Income and Health Outcomes: National Health and Nutrition Examination Survey,” Chair Daphne Hernandez, defended July 8, 2020).
39. Priti Gupta, (Dissertation: “Identifying the Optimal Exercise Intervention and its Mechanism During Pancreatic Cancer Treatment in Mice,” Chair Emily LaVoy, defended November 6, 2020).

ACADEMIC SERVICE

University

1. Budget Transparency Initiative Steering Committee; Activity Subcommittee; and Graduate Working Group (Convener), 2019.
2. Ally and Facilitator, Gender Equity for Men and Women (GEM) program, 2019.
3. Mentor, NSF ADVANCE Administrator Fellows program, 2019.
4. President, Faculty Senate, University of Houston, 2018.
5. Chair, Governance, Finance, and Mission Subcommittee, Medical Education Committee, October 2017 to August 2019.
6. Search Committee, Department Chair of Health Systems and Population Health Sciences, College of Medicine, Spring 2018.
7. Search Committee, Department Chair of Biomedical Sciences, College of Medicine, Spring 2018.
8. Quality Enhancement Plan (QEP) Planning Committee, 2017–2018.
9. Associate Marshal, University of Houston General Commencement, May 2017.
10. Third Ward Initiative, Health Leadership Team, University of Houston, 2017 to 2019.
11. Steering Committee, Cougars on Campus (faculty/staff alumni), University of Houston, 2017.
12. President-Elect, Faculty Senate, University of Houston, 2017.
13. Graduate School Strategic Plan Task Force, University of Houston, 2016-2017.
14. Associate Marshal, University of Houston General Commencement, May 2016.
15. Graduate Student Success Task Force, University of Houston, 2016.
16. Chair, Community and Government Relations Committee, Faculty Senate, University of Houston, 2016.
17. Internal Advisory Committee for Planning the Medical School, University of Houston, 2015-2019.
18. Annual Performance Review Task Force, Provost's Office, University of Houston, 2015-2016.
19. President's Advisory Committee for Athletic Director search, University of Houston, 2015.
20. Moderator, "The Serious Search for the Aging Pill," Blaffer Museum Innovation Series, University of Houston, March 10, 2015.
21. At-large Member, Faculty Senate Executive Committee, University of Houston, 2015.
22. College of Health Sciences Task Force, University of Houston, 2014 to 2015.
23. Affiliated faculty, Center for Drug and Social Policy Research, University of Houston, 2014 to 2016.

24. Affiliated faculty, Child & Family Center for Innovative Research, University of Houston, 2014 to 2016.
25. Personal Access Liaison (PAL) for new undergraduate students, University of Houston, 2009 to 2016.
26. “Profs with Pride”, University of Houston, 2009 to 2012.
27. University-wide General Education Assessments (Critical Thinking) , University of Houston, Summer 2009.
28. Assistant Professor Forum, Provost’s Office and Faculty Senate, University of Houston, April 23, 2009.
29. “Cat’s Back” (new student orientation) event volunteer, University of Houston, 2009, 2010.
30. Voluntary System of Accountability (VSA) Learning Outcomes, Faculty Senate Task Force, University of Houston, Fall 2008.

College

1. Graduate Affairs Committee, College of Liberal Arts and Social Sciences, 2011 to 2012.
2. Grievance Committee, College of Education, 2009 to 2010.
3. Research Committee, College of Education, Secretary, 2008 to 2009; Member, 2007 to 2009.

Department

1. Chair, Search Committee, Professor of Obesity Studies/Director of Texas Obesity Research Center, Health and Human Performance Department, 2014.
2. Search Committee, Assistant Professor of Nutrition, Health and Human Performance Department, 2014.
3. Promotion and Tenure Committee, Health and Human Performance Department, 2011 to 2016.
 - Chair, 2013-2014.
4. Constitutional Update Task Force, Health and Human Performance Department, 2011 to 2012.
5. Chair, Faculty Review Committee, Health and Human Performance Department, 2010 to 2013.
6. Graduate Research Degrees Committee, Health and Human Performance Department, 2007 to present.
 - Chair, 2010 to 2012.
7. Affiliated faculty, Center for Neuromotor and Biomechanics Research, 2009 to 2014.

8. Renaming Task Force, Health and Human Performance Department, Summer 2008.
9. Affiliated faculty, Laboratory of Integrated Physiology, 2007 to present.
10. Libraries Liaison, Health and Human Performance Department, 2007 to 2012.
11. Departmental contact for University Quality Enhancement Plan (Undergraduate Research), College of Education, 2007 to 2008.

FELLOWSHIP, MEMBERSHIPS, SERVICE, AND CONSULTING

Phi Kappa Phi National Honor Society, 2018 to present.

Fellow of the Obesity Society (FTOS), 2015 to present.

Memberships

American College of Sports Medicine, 2006 to present.

Texas Chapter, American College of Sports Medicine, 2010 to present.

National Athletic Trainers' Association, 1986 to present.

Southwest Athletic Trainers' Association, 1986 to present.

Texas State Athletic Trainers' Association, 2002 to present.

Greater Houston Athletic Trainers' Society, 1991 to present.

The Obesity Society, 2011 to present.

Mensa International, 1991 to present.

Professional and Community Service

1. Chair, Committee for External Review of Kinesiology Department, School of Natural Sciences, Rice University, Spring 2020.
2. Consultant, Fondren Orthopedic Research Institute, 2018 to 2020.
3. Associate Editor, *Clinical Orthopaedics and Related Research*, 2015 to 2020.
4. Manuscript reviewer, *Clinical Orthopaedics and Related Research*, 2010-2020.
5. Manuscript reviewer, *Journal of Orthopaedic Trauma*, 2007 to 2020.
6. Science Advisor, Nimbic, Inc., 2009 to 2019.
7. Manuscript reviewer, *Journal of Orthopaedic and Sports Physical Therapy*, 2001 to 2019.
8. Associate Editor for Measurement & Evaluation, *Research Quarterly for Exercise and Sport*, 2016 to 2018.
9. Manuscript reviewer, *Research Quarterly for Exercise and Sport*, 2010 to 2018.

10. Manuscript reviewer, *JAMA Pediatrics*, 2018.
11. Manuscript reviewer, *Journal of Limb Lengthening & Reconstruction*, 2016.
12. Manuscript reviewer, *Annals of Nutrition and Metabolism*, 2015-2016.
13. Grant application reviewer, Physician's Services Incorporated (PSI) Foundation, Ontario, Canada, 2016.
14. Manuscript reviewer, *Journal of Epidemiology & Community Health*, 2016 to 2018.
15. Manuscript reviewer, *PLOS ONE*, 2015 to 2018.
16. Grant application reviewer, NATA Research and Education Foundation, 2015.
17. Special Emphasis Panel/Scientific Review Group: Time-Sensitive Obesity Applications [ZDK1 GRB-1 03 1], National Institutes of Health, 2014-2015.
18. Obesity Intervention Taxonomy and Pooled Analysis Workgroup, NIH/NHLBI, 2013-2014.
19. Manuscript reviewer, *Applied Physiology, Nutrition, and Metabolism*, 2014.
20. Manuscript reviewer, *American Journal of Infection Control*, 2013.
21. Manuscript reviewer, *Journal of Physical Activity and Health*, 2013 to 2018.
22. Manuscript reviewer, *Computers in Biology and Medicine*, 2013.
23. Manuscript reviewer, *Public Health Nutrition*, 2013-2014.
24. Manuscript reviewer, *Journal of Sports Sciences*, 2012 to 2014.
25. Manuscript reviewer, *Obesity*, 2011 to 2014.
26. Chair, Exercise Work Group; Council Task Force on Obesity (*ad hoc* group serving the Mayor's Advisory Council on Health and Environment), tasked to develop a resolution on obesity, 2011-12.
27. Manuscript Judge, National Student Research Forum, University of Texas Medical Branch-Galveston, April 2011.
28. Manuscript reviewer, *American Journal of Human Biology*, 2011 to 2013.
29. Manuscript reviewer, *American Journal of Public Health*, 2011 to 2013.
30. Manuscript reviewer, *Journal of Athletic Training*, 2010 to 2018.
31. Past President, Southwest Athletic Trainers' Association, 2009 to 2010.
32. Manuscript reviewer, *Journal of the Association for Information Systems*, 2008 to 2010.
33. Manuscript Judge, National Student Research Forum, University of Texas Medical Branch-Galveston, April 2010.
34. President, Southwest Athletic Trainers' Association, 2008 to 2009.
35. External consultant, National Occupational Information Network (O*NET) Data Collection Program, 2009.

36. Manuscript Judge, “Radiology and Orthopedic” section, National Student Research Forum, University of Texas Medical Branch-Galveston, April 2009.
37. Abstract reviewer, Society of Behavioral Medicine 32nd Annual Meeting & Scientific Sessions, 2008-2013.
38. Consultant reviewer, Oxford University Press, 2008-2009.
39. Manuscript reviewer, *Medicine and Science in Sports and Exercise*, 2007 to 2012.
40. Vice President, Southwest Athletic Trainers’ Association, 2007 to 2008.
41. Co-Chair, Southwest Athletic Trainers’ Association Finance Committee, 2008.
42. Oral Presentations Judge, “Radiology and Orthopedic” session, National Student Research Forum, University of Texas Medical Branch-Galveston, April 25, 2008.
43. Consultant reviewer, *BMC Health Services Research*, 2007.
44. Chair, Texas State Athletic Trainers’ Association Governmental Affairs Committee, 2006 to 2009.
45. Second Vice President, Southwest Athletic Trainers’ Association, 2006 to 2007.
46. Ad Hoc Subcommittee on Qualifying Examinations, Graduate Research Degrees Committee, Department of Health and Human Performance, University of Houston, 2006.
47. Texas State Athletic Trainers’ Association Legislative Task Force, 2006 to 2007.
48. Consultant reviewer, *Archives of Physical Medicine and Rehabilitation*, 2005.
49. Consultant reviewer, *Arthritis Care and Research*, 2005.
50. Ad Hoc Editorial Review Board Member, *Journal of Orthopaedic and Sports Physical Therapy*, June 2004.
51. Texas State Athletic Trainers’ Association, Constitution and Bylaws Task Force, 2003 to 2005.
52. Planning Committee, Edward T. Smith Orthopaedic Lectureship, The University of Texas Health Science Center at Houston–Medical School, 2003.
53. Consultant media reviewer, *Journal of Sport Rehabilitation*, 2002 to 2003.
54. Member, Scholarship Review Committee, Texas Orthopedic Hospital, 2002 to 2005.
55. Member, Institutional Review Board, Texas Orthopedic Hospital, 2001 to 2007.
56. Parliamentarian, Southwest Athletic Trainers’ Association, 2000 to 2005.
57. Chair, Southwest Athletic Trainers’ Association Constitutional Update Task Force, 2000 to 2001.
58. Manuscript reviewer, SLACK Books, 1999 to 2016.
59. Southwest Athletic Trainers’ Association Constitutional Review Committee, 1998 to 2000, 2005.

60. Program Chair, The Colloquia on Musculoskeletal Rehabilitation and Sports Medicine, 2000.
61. Program Planning Subcommittee, The Colloquia on Musculoskeletal Rehabilitation and Sports Medicine, 1998 to 1999.
62. *Ad hoc* member/consultant, Institutional Review Board, Texas Orthopedic Hospital, 1998 to 2000.
63. Board of Certification, Examiner (Oral Examination), 1998 to 2002.
64. Associate Editor for Abstracts and Book Reviews, *Journal of Rehabilitation Outcomes Measurement*, 1998 to 2000.
65. Reviewer, poster and platform research presentations, NATA Annual Meeting and Clinical Symposium, 1998.
66. Chair, Greater Houston Athletic Trainers' Society, Constitution and Bylaws Subcommittee, 1997 to 1998.
67. Program Committee, Southwest Athletic Trainers' Association, 1996 to 1997.
68. Greater Houston Athletic Trainers' Society, Advisory Council Representative, 1996 to 1999.
69. Supervisor, Houston Tenneco Marathon minor medical station (mile 13), 1994, 1995, and 1996.
70. Houston Livestock Show and Rodeo sports medicine team, 1993.
71. Houston Tenneco Marathon (U.S. Women's Olympic Marathon Trials) minor medical station (mile 25), 1992.

PROFESSIONAL HONORS AND AWARDS

1. Hall of Fame, Southwest Athletic Trainers' Association, 2016.
2. Outstanding Faculty Award, University of Houston Alumni Association, 2015.
3. Hall of Honor, Greater Houston Athletic Trainers Society, 2015.
4. Excellence in Research and Scholarship Award (Associate Professor), University of Houston, 2014.
5. Most Distinguished Athletic Trainer Award, Southwest Athletic Trainers' Association, 2013.
6. Athletic Trainer Service Award, National Athletic Trainers' Association, 2012.
7. 25 Year Award, National Athletic Trainers' Association, 2011.
8. Faculty Research Excellence Award, University of Houston College of Education, 2010.
9. Charles S. Neer, II, MD Award for Outstanding Clinical Science Research, American Shoulder and Elbow Surgeons. "Ultrasound Evaluation of Arthroscopic Full-Thickness Supraspinatus Rotator Cuff Repair: Single-Row vs Double-Row Suture Bridge

(Transosseous Equivalent) Fixation. Results of a Randomized, Prospective Study.” With Gary Gartsman, Brad Edwards, Hussein Elkousy, and Greg Drake. March 13, 2010.

10. Charles S. Neer, II, MD Award for Outstanding Clinical Science Research, American Shoulder and Elbow Surgeons. “Radiographic Comparison of Pegged and Keeled Glenoid Components Using Modern Cementing Techniques: A Prospective Randomized Study.” With Brad Edwards, Joanna Labriola, Rodney Stanley, Hussein Elkousy, and Gary Gartsman. February 28, 2009.
11. Bobby Gunn Unsung Hero Award, Southwest Athletic Trainers’ Association, 2004.
12. Doody’s Publishing and Review Service Top 250 Health Publication, 2001, *Clinical Pathology for Athletic Trainers: Recognizing Systemic Disease*.
13. The Robert H. Gunn Trophy for Exemplary Service, Greater Houston Athletic Trainers’ Society, 1998.