



CURRICULUM VITAE: *Claudia Leonardi, PhD*

Date: December 2025
School: Louisiana State University Health Sciences Center, School of Public Health
Department/Program: Community Health Science and Policy (CHSP)

Current Title: Assistant Professor, Research
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EDUCATION

08/2014 **Doctor of Philosophy**, Louisiana State University – Health Science Center, USA
 Major: Biostatistics

07/2006 **Master in Applied Statistics**, Louisiana State University, USA
 Major: Applied Statistics (non-thesis degree)

05/2004 **Doctor of Philosophy**, University of Wisconsin-Madison, USA
 Major: Dairy Science - Nutrition

08/2001 **Master of Science**, University of Wisconsin-Madison, USA
 Major: Dairy Science - Nutrition

07/1998 **Bachelor of Science**, Università degli Studi di Padova, Italy
 Major: Agriculture - Animal Science

10/1996 – 06/1997 **Exchange Student**, University of London, UK
 Exchange student of the ERASMUS Interuniversity Program, Wye College

ACADEMIC, PROFESSIONAL, AND RESEARCH APPOINTMENTS

05/2017 – present	Assistant Professor – Research	(BCHS -LSUHSC-NO)
07/2016 – 04/2017	Research Scientist/Senior Postdoc	(LSUHSC-New Orleans)
08/2014 – 06/2016	Postdoctoral Researcher	(LSUHSC-New Orleans)
01/2012 – 07/2014	Graduate Research Assistant	(LSUHSC-New Orleans)
06/2009 – 08/2010	Biostatistician	(PBRC-Baton Rouge)
08/2007 – 05/2009	Visiting Assistant Professor	(LSU-Baton Rouge)
08/2006 – 05/2007	Instructor	(LSU-Baton Rouge)
10/2005 – 05/2006	Teaching Assistant	(LSU-Baton Rouge)
01/2005 – 09/2005	Graduate Research Assistant	(LSU-Baton Rouge)
06/2004 – 12/2004	Postdoctoral Researcher	(UW-Madison)
09/1999 – 05/2004	Graduate Research Assistant	(UW-Madison)
03/1999 – 08/1999	Visiting Scholar	(UW-Madison)

TEACHING EXPERIENCE AND RESPONSIBILITIES

Course Instructor

Fall 2017

Epidemiology – HS 6370

3 credits. Southeastern Louisiana University. (graduate).

Covers the principles and methods of epidemiology. Includes research designs and methods used to study and describe disease occurrence. Develop skills in obtaining, evaluating and interpreting research findings and other population data sources.

Summer 2008

Special Topics in Applied Statistics – EXST4087

3 credits. Louisiana State University. (graduate).

Statistics for natural Science – a statistic course offered as part of a Professional Master's Degree Programs for K-12 STEM Teachers at LSU

Fall 2007, Spring and Fall 2008

Supervised Independent Study and Research – EXST3999

1-4 credits. Louisiana State University. (undergraduate).

Investigation of areas of interest not covered in other departmental courses, under the guidance of departmental faculty. Two students in Fall 2007, one student in Spring 2008 and Fall 2008.

Fall 2006

Decision Theory and Risk Assessment – ENVS 7385

3 credits. Louisiana State University. (graduate).

Applied statistical technique I and II: Basic concepts of statistical models and sampling; descriptive and inferential methods; normal, t, chi-square and F distributions; tests of hypothesis and estimation, analysis of variance, correlation, analysis of categorical data, simple and multiple regression, variable selection, serial correlation, and logistic regression.

Fall 2006, 2007, 2008 and Spring 2007

Statistical Analysis II – EXST3201

4 credits. Louisiana State University. (undergraduate).

Applied statistical modeling: multiple regression, variable selection, serial correlation, repeated measures, multivariate tools, logistic regression, blocking and factorial design, categorical data analysis and nonparametric techniques.

Guest Lecturer

Fall 2017, 2018 – Louisiana State University Health Science Center. (graduate).

One hour class on statistics offered to Residents within the Orthopedic Residency.

Summer 2017 – Louisiana State University. (graduate).

One hour of Experimental Design and Statistical Methods as part of Merial/NIH veterinary summer scholars' program.

Fall 2013 – Louisiana State University Health Science Center. (graduate).

One hour class on probability theory offered as part of EPID 7350 for epidemiology doctoral students.

Summer 2007 – Louisiana State University. (graduate).

Nine hours of statistical literacy offered as part of a Professional Master's Degree Programs for K-12 STEM Teachers at LSU.

MAJOR AREA OF RESEARCH INTEREST

With over 20 years of experience as a biostatistician, I have collaborated on numerous projects across various scientific domains, starting with animal science and later focusing on health disparities and access to care. Recently, my role has evolved to include a more collaborative approach with various departments mostly within the medical school, where I help advance ideas into projects, grants, and publications. Additionally, I mentor medical students, assisting them in developing their research skills and guiding them through study design and data analysis. My diverse research contributions reflect my commitment to improving health outcomes across multiple fields.

UNDERGRADUATE, MEDICAL or GRADUATE STUDENTS TRAINED

Undergraduate

Faculty advisor for Undergraduate Research at LSU

1. M. Autin and M.C. Martinez (Undergraduate Research Grant - 2007- 2008)

Faculty advisor for LSUHSC Summer Research Internship Program

1. Janusz Wojcik (2nd place Undergraduate, 2021)
2. Brooke Scardino (2022)

Medical Students

Through various organizations and departments, I mentor medical students, helping them develop their research skills and guiding them through study design, data collection and analysis, and manuscript preparation. The following students were the primary leaders and first authors on published research projects, each involving other medical students. Additionally, all clinical research listed in the publications section included at least one medical student as co-author. The final manuscripts are referenced as superscripts.

1. Bratton, M., (2024-present)¹
2. Korbal, T (2024-present)⁹
3. Daigle C (2023-2025)¹²
4. Branstetter R (2023-2025)^{4,18}
5. Mauras J (2022-2024)¹⁴
6. Martin D, Schroeder R (2022-2024)²¹
7. Sarkovich, S (2022-2024)²³
8. Walton, RA (2020-2024)²⁶
9. Benes G, Adams Z, Dubic M (2020-2024)²⁹
10. Beiter, KJ (2023-2024)³¹
11. Catinis, AM (2020-2023)³⁴
12. Rimmer, SN (2022-2023)³⁵
13. Van Deventer, L. (2021-2023)⁴⁰
14. Schexnayder, SP (2018-2022)^{43,75}
15. Bloise, C.B. (2018-2022)⁴⁴
16. Tumminello, ME (2018-2022)⁴⁷
17. Schwartzberg, H.G (2019-2022)⁵²
18. Starring H, Waddell WH (2017-2020)⁶⁶
19. Fink, M (2018-2020)⁶⁷
20. Haydel, AM (2017-2019)⁷¹
21. Miller, AM (2017-2019)⁷²
22. Hollier, J (2016-2018)⁷⁷

23. Townsend, LA (2015-2016)⁸⁶

24. Roubion, R (2015-2016)⁸⁷

Graduate Students

PhD Dissertation committee member

a. Ashley Fenton: 2020 – 2022

b. Mirandy Li: 2022

RESEARCH AND SCHOLARSHIP

Contracts, Fellowships, Grants and Sponsored Research

Contracts

01/2025 – present: Statistical consultant for the Dermatology dep. - LSUHSC (10% FTE).

06/2022 – present: Statistical consultant for the CHSP dep. - LSUHSC (10-30% FTE).

02/2015 – present: Statistical consultant for the Orthopaedic dep. - LSUHSC (40-60% FTE).

02/2017 – 12/2025: Statistical consultant for the Surgery dep. - LSUHSC (20-30% FTE).

Fellowships

2004 - 2005: Winner of the 2004-2005 Congressional Science Fellowship sponsored by Federation of Animal Science Societies (could not accept).

Funded Grants

1. **Leonardi (PI)** 09/01/25 – 08/31/26. Investigating Geographical and Temporal Trends in Mental Health-related Emergency Department Visits in the Louisiana Medicaid Population." PUPP (\$66K)
2. Majumder, Rinku (PI) (Role: **co-I**) 11/01/2020-10/31/2024. A Mechanistic Study to elucidate the role of Protein S in elevating the risk of Thrombosis in Obese, Pre-menopausal women. 1R01HL151613-01A1. (\$1,950,000).
3. Ochoa (PI) (Role: **Biostatistician**) 09/19/18 – 08/31/21. Understanding and Addressing Cancer Health Disparities in Louisiana (\$664K)
4. **Leonardi (PI)** 08/01/18 – 12/31/19. Feasibility of electronic health records to study social determinants of health disparities in hepatocellular carcinoma in Louisiana. LA CATS. (\$50K)
5. Marrero (PI) (Role: **Biostatistician**) 01/01/18 – 12/31/18. Biological Predictors of Poor Surgical Outcomes Associated with Total Knee Arthroplasty. LA CATS. (\$50K)
6. Sanchez-Pino (PI) (Role: **Biostatistician**) 06/30/16 – 06/30/18. Effect of bariatric surgery on Obesity, Weight Loss and New Inflammatory Pathways. 5P30GM114732-02.
7. Scribner (PI) (Role: **Biostatistician**) 01/01/2016-12/31/2018. Community-Academic Partnership to Address Health Disparities in New Orleans. 5R24MD008121-03.
8. **Leonardi (PI)** 11/15/2016 – 05/15/2017. Neighborhood Disadvantage and Glycemic Control in Type I Diabetes: Mediators. U54MD008176-005 (Secondary Data Analysis, \$15,000).
9. Scribner (PI) (Role: **Biostatistician**) 08/01/2014 – 07/31/2015. Monitoring Social Determinants of Obesity Outcomes for Community-Based Health. TCC-14-002.

10. Scribner (PI) (Role: **Biostatistician**) 2011 – 2015. Community Influences on NHANES Diet and Physical Activity. NCI R01 CA157565.
11. Madden J. (PI) (Role: **Instructor**) 2008 – 2010. Baton Rouge area STEM initiative: Master's of natural science degree program. Board of Regents' Louisiana Systemic Initiatives Program (\$14,222 Leonardi portion).
12. M. Autin (PI), M.C. Martinez (PI) and C. **Leonardi (Faculty PI)**. 2007 – 2008. An assessment of current feeding practices in Louisiana dairy farms. Undergraduate Research Grant - College of Agriculture – LSU (\$1,600).
13. **Leonardi (PI)**. 2007. Travel grant obtained to attend the United States Conference on Teaching Statistics, USCOTS 07. CFCU Teaching Enhancement Fund (\$500).
14. **Leonardi (PI)**. 2006. Evaluation of mathematical processes and calibration statistics on diode arrays generated data. Sigma Xi Grant in Aid of Research (\$900).

Scholarships

- 1999:** University of Padua “Study Abroad Scholarship post bachelor”: granted based on GPA and interview, obtained to conduct research abroad post B.S.
- 1998:** Fondazione ‘Aldo Gini’ Scholarship post bachelor: granted based on GPA, obtained to conduct research abroad post B.S.
- 1996:** University of Padua “Study Abroad Scholarship during bachelor”: granted based on GPA, obtained to spend a period of eight months abroad during B.S.
- 1992 - 1993:** University of Padua Scholarship for academic excellence.

PUBLICATIONS

H-Index: 29 – Google Scholar- December 4th, 2025

Journal articles - Peer Reviewed or Refereed - Submitted

1. Christianson, E., **C. Leonardi**, A. Haydel, S. Baum, T. Johnson, T. Zhang, J. Hartline, N. Chintalapudi, M. Karunakar, C. Soni, L.A Lopas, N.F. Guissé, A.N. Miller, R.J Mahatme, S.A Moore, H. Claude Sagi, Jon-Luc Poirer, Y. Jang, S. Dasari, J. Hebert-Davies, R.W. Rutz, C.A. Spitzer, B.J. Lauck, C.Q. Lin, D. Ivanov, A.T. Chen, M. Khaleel, G.J. Della Rocca, and P. Krause. Nerve Injuries in Ballistic Humerus Fractures: A Multicenter Analysis. *J. Ortho. Trauma* (submitted 12/2025).
2. Baah, S., O. Ojemakinde, A. Suh, K. Chiep, **C. Leonardi**, M. Moore, and C. Clement. Introversion in Surgical Residency: A Risk Factor for Burnout? *Academic Medicine*. (submitted 11/2025).
3. Piedy, E., **C. Leonardi**, A. Bhandutia, and R.C. Clement Sagittal Misalignment in Nonoperative Adolescent Idiopathic Scoliosis: Rethinking Surgical Thresholds for Long-Term Spine Health. *Spine Deformity*. (submitted 10/2025).
4. Brown, N.H., Rivera, M., and **C. Leonardi**. Contact Points of Electrical Injury: Disproportionate Outcomes by Ethnicity, Region, and Payor. *Journal of Burn Care & Research*. (submitted 10/2025).
5. Korbal, T., M. Darlow, W. Melito, **C. Leonardi**, N. Redlich, W. Accousti, and R.C. Clement. Vitamin D deficiency is not associated with disease severity, progression, or pain in adolescent idiopathic scoliosis (AIS). *Iowa journal*. (submitted 10/2025).

6. Korbal, T., N. Redlich, W. Melito, M. Darlow, D. Martin, C. Kerut, C. **Leonardi**, W. Accousti, and R.C. Clement. Does Vitamin D Deficiency play a role in Scheuermann's Disease? J. of Ortho. (submitted 05/2025).
7. Nyborg, C., Morales, L., Rajendra, R., M.R. Cesarek, C. **Leonardi**, and R.C. Clement. Charleston vs. Providence: Are all Scoliosis Bending Braces Created Equal? JPO (submitted 05/2025).
8. Smith, A, J. Dennis, P. Deville, S. Trinh, C. Ramos, K. Couvillion, C. **Leonardi**, A. Feroze, T. Dewenter, R. Siggins, P. McTernan, P. Molina, J. Carter, H. Phelan, and J. Schoen. Adipose Derived Stem Cells Secrete Pro and Anti-Inflammatory Cytokines After Major Burn Injury. Burn. (submitted 02/2025).

Journal articles - Peer Reviewed or Refereed - In press

1. Bratton, M., C. Daigle, D. St. Etienne, A. Bronstone, C. **Leonardi**, and V. Dasa. Relationship Between Intraarticular Injections on Patient-Reported Outcomes in Total Knee Arthroplasty. JAAOS Global Research & Reviews.
2. Bloise, C., L. Hall, L. Sisco-Wise, T. Randell, **C. Leonardi**, and A. Cohen-Rosenblum. Barriers to Care for Total Joint Arthroplasty Patients with Medicaid Insurance: A Survey Study of the Surgeon Perspective. Arthroplasty Today.
3. Crawford, M.B., **C. Leonardi**, M.P. Martin, M.J. Heffernan and A. Cohen-Rosenblum. Are Underserved Patients Interested in Telemedicine Orthopaedic Appointments? A Survey Study. Journal of the AAOS.

Journal articles - Peer Reviewed or Refereed – Published

4. Branstetter, R., T. Korbal, M. Veillon-Bradshaw, M. Ozery, **C. Leonardi**, A. Bronstone, and V. Dasa. 2025. Patient-Reported Outcomes Following Total Knee Arthroplasty in Patients Treated with Intraosseous Vancomycin Versus Intravenous Antibiotics: A Retrospective Matched Cohort Study." Journal of Orthopaedic Experience & Innovation 6 (2). <https://doi.org/10.60118/001c.143681>.
5. Haydel A, Christianson E, Baum S, Johnson T, Zhang T, Hartline J, Chintalapudi N, Karunakar M, Soni C, Lopas LA, Guissé NF, Miller AN, Kurkowski SC, Sagi HC, Poirier JL, Jang Y, Dasari SP, Hebert-Davies J, Rutz RW, Spittler CA, Lauck BJ, Lin CQ, Ivanov D, Chen AT, Khaleel M, Della Rocca GJ, **Leonardi C**, Krause P. Treatment and Outcomes for GSW Humerus Fractures: A Multicenter Analysis. J Orthop Trauma. 2025 Dec 30. doi: 10.1097/BOT.0000000000003142. Epub ahead of print. PMID: 41468251.
6. Tanamal P, **Leonardi C**, Trinh S, Chawla A, Tullos A, Sethi D, Dills M, Sheahan C, Sheahan M. Management and Outcomes of Penetrating Traumatic Carotid Injuries. J Vasc Surg. 2025 Dec 19:S0741-5214(25)02236-0. doi: 10.1016/j.jvs.2025.12.158. Epub ahead of print. PMID: 41423027.
7. Phillippi, S, Fenton, A, Witmeier, K, Juneau, S, **Leonardi, C**, Bowers, E & Maus, B. Impacting the substance abuse epidemic in America: A mixed methods examination of mentors of youth who experience substance use disorders within their families. Eval Program Plann. 2026 Feb;114:102715. doi: 10.1016/j.evalprogplan.2025.102715. Epub 2025 Oct 4. PMID: 41075745.
8. Gill K, Benipal J, Ferral H, Knecht K, **Leonardi C**, Fairchild AH, Ustunsoz B, Laney DF 4th, Hunt J, Schoen JE, Marr A, Greiffenstein P, Stuke L, Smith AA. Surveillance of Posttraumatic Abdominal Pseudoaneurysms. Am Surg. 2026 Jan;92(1):216-222. doi: 10.1177/00031348251363534. Epub 2025 Jul 27. PMID: 40717035.
9. Korbal, T., **C. Leonardi**, A. Bronstone, and V. Dasa. The Associations Between Meniscus Tear Location and the Prevalence and Severity of Cartilage Wear in Different Knee Compartments Using an Arthroscopic Grading System. Journal of Cartilage & Joint Preservation. 21 November 2025, Epub ahead of print. DOI: 10.1016/j.jcjp.2025.100275.
10. Brown, M., J. Stevens, J.A. Cruz Ayala, **C. Leonardi**, A.A. Smith, and F. Gray. Pediatric Firearm Injuries in a Major Urban Louisiana City: A Deadly Public Health Issue. JLPHA. 2025 November (5):2 page 54.

11. Mohammad MA, Kumar N, Ghosh S, Paysse A, **Leonardi C**, Pilli V, Duhaylungsod ML, Lazartigues E, Polania-Villanueva DC, Nouman S, Barrios LA, Chattopadhyay R, Yasmin R, Guilbeau A, Kumar M, Nguyen T, Zabaleta J, Li L, Del Valle L, Barbier MT, Majumder S, Mosnier LO, Majumder R. Estrogen and obesity synergistically suppress protein S via HIF1 α , enhancing thrombosis potential. *J Clin Invest*. 2025 Nov 17;135(22):e193976. doi: 10.1172/JCI193976. PMID: 41243971.
12. Daigle C, Branstetter Iv R, Van Deventer L, Rajendra R, **Leonardi C**, Bronstone A, Dasa V. In-Hospital Exposure and Opioids Prescribed After Total Knee Arthroplasty. *J Arthroplasty*. 2025 Sep 12:S0883-5403(25)01164-7. doi: 10.1016/j.arth.2025.09.011. Epub ahead of print. PMID: 40946937.
13. Gonzalez GV, Danos DM, Ferguson TF, Therapondos G, Hsieh MC, **Leonardi C**. Clinical risk factors for hepatocellular carcinoma in Southeast Louisiana: a matched case-control study. *Cancer Causes Control*. 2025 Nov;36(11):1399-1407. doi: 10.1007/s10552-025-02021-3. Epub 2025 Jun 27. PMID: 40579626.
14. Mauras J, McMahon M, Petrie J, Roubion R, Bronstone A, **Leonardi C**, Dasa V. Reduction in Opioid Requirements Following Changes to Regional Anesthesia for Patients Undergoing Total Knee Arthroplasty. *Ochsner J*. 2025 Summer;25(2):99-106. doi: 10.31486/toj.24.0137. PMID: 40538602.
15. Rajendra R, Bratton MB, **Leonardi C**, Clement RC. Adolescent scoliosis in autism spectrum disorder: is it idiopathic or syndromic?? *J Orthop Surg Res*. 2025 Jun 9;20(1):577. doi: 10.1186/s13018-025-05816-x. PMID: 40490763.
16. Fitzpatrick-Schmidt T, Dasa V, **Leonardi C**, Ferguson TF, Welsh DA, Molina PE, Ronis MJJ, Edwards S. Intersection of alcohol use, pain symptoms, and negative affect in total knee arthroplasty patients and people with HIV. *J Pain*. 2025 Jul;32:105446. doi: 10.1016/j.jpain.2025.105446. Epub 2025 May 20. PMID: 40403859.
17. Miller AM, Clement RC, **Leonardi C**. Does postoperative immobilization affect final alignment of pediatric femur fractures treated with flexible intramedullary nailing? *J Pediatr Orthop B*. 2025 May 1;34(3):205-208. doi: 10.1097/BPB.0000000000001203. Epub 2024 Aug 15. PMID: 39229910.
18. Branstetter R., T. Korbal, **Leonardi C**, Bronstone A, and V. Dasa. Preoperative Serum Inflammation Markers Should Be Routinely Assessed in Patients Undergoing Primary Total Knee Arthroplasty." *Journal of Orthopaedic Experience & Innovation* 2025: 6 (1). <https://doi.org/10.60118/001c.125124>.
19. Yoshida B, **Leonardi C**, Valenzuela-Moss J, Andras LM, Tetreault TA, Emans JB, Smith JT, Pahys JM, Li GY; Pediatric Spine Study Group; Heffernan MJ. LIV selection in 'tweener' patients treated with magnetically controlled growing rods vs. posterior spinal fusion. *Spine Deform*. 2025 May;13(3):765-771. doi: 10.1007/s43390-024-01019-2. Epub 2024 Dec 15. PMID: 39674955; PMCID: PMC12021725.
20. Drake LC, D'Amore PW, Fontenot B, Tetreault TA, Younis M, **Leonardi C**, Valenzuela-Moss J, Andras LM, Heffernan MJ. Rule breakers achieve successful shoulder balance: unraveling the myth of upper instrumented vertebrae selection criteria. *Spine Deform*. 2025 Jan;13(1):189-194. doi: 10.1007/s43390-024-00961-5. Epub 2024 Sep 20. PMID: 39302587.
21. Martin D, Schroeder R, Toups C, Daigle C, Spitchley M, **Leonardi C**, Shammassian B, Bhandutia AK. Comparing ACDF Outcomes by Cervical Spine Level: A Single Center Retrospective Cohort Study. *Int J Spine Surg*. 2024 Nov 4:8657. doi: 10.14444/8657. Epub ahead of print. PMID: 39496377. PMC11729094
22. Ozery, M., E.G. Lieberman, J.A. Bernstein, J.I. Wolfstadt, D.C. Landy, C. **Leonardi**, and A. Cohen-Rosenblum. Why do Early-Career Adult Reconstruction Surgeons Change Jobs? An American Association of Hip and Knee Surgeons Young Arthroplasty Group Survey Study. *Arthroplasty Today*. 2024. Vol 30. <https://doi.org/10.1016/j.artd.2024.101501>.
23. Sarkovich S, **Leonardi C**, Darlow M, Martin D, Issa P, Soria T, Bronstone A, Clement C. Back pain in adolescent idiopathic scoliosis: frequency and risk factors. *Spine Deform*. 2024 Sep;12(5):1319-1327. doi: 10.1007/s43390-024-00904-0. Epub 2024 Jun 23. PMID: 38910187; PMCID: PMC11344019.

24. Heffernan MJ, **Leonardi** C, Andras LM, Fontenot B, Drake L, Pahys JM, Smith JT, Sturm PF, Thompson GH, Glotzbecker MP, Tetreault TA, Roye BD; Pediatric Spine Study Group; Li Y. Lowest instrumented vertebrae in early onset scoliosis: is there a role for a more selective approach? *Spine Deform.* 2024 Jul;12(4):1145-1153. doi: 10.1007/s43390-024-00842-x. Epub 2024 Mar 21. PMID: 38514530; PMCID: PMC11217120.
25. Walton RA, Liuzza L, Takawira C, **Leonardi** C, Lopez MJ. Biocomposite Anchors Have Greater Yield Load and Energy Compared With All-Suture Anchors in an In Vitro Ovine Infraspinal Tendon Repair Model. *Arthrosc Sports Med Rehabil.* 2024 Apr 9;6(3):100938. doi: 10.1016/j.asmr.2024.100938. PMID: 39006783; PMCID: PMC11240035.
26. Gallegos EM, Reed T, Deville P, Platt B, **Leonardi** C, Bellfi L, Dufrene J, Chaudhary S, Hunt J, Stuke L, Greiffenstein P, Schoen J, Marr A, Paramesh A, Smith AA. Does the use of double hormone replacement therapy for trauma patient organ donors improve organ recovery for transplant. *World J Transplant.* 2024 Jun 18;14(2):89825. doi: 10.5500/wjt.v14.i2.89825. PMID: 38947973; PMCID: PMC11212584.
27. Li M, Fritz J, Gonzalez G, **Leonardi** C, Phillippi S, Trapido E, Celestin M, Yu Q, Tseng TS. The Effect of Minority Stress Processes on Stage of Change and Nicotine Dependence Level for Sexual and Gender Minority Smokers in the Deep South. *LGBT Health.* 2024 May-Jun;11(4):301-309. doi: 10.1089/lgbt.2022.0331. Epub 2023 Dec 14. PMID: 38100214.
28. Benes G, Adams Z, Dubic M, David J, **Leonardi** C, Bronstone A, Dasa V. Optimal Duration of Physical Therapy Following Total Knee Arthroplasty. *Geriatr Orthop Surg Rehabil.* 2024 May 17;15:21514593241250149. doi: 10.1177/21514593241250149. PMID: 38766277
29. Fitzpatrick-Schmidt T, **Leonardi** C, Norlin C, Beiter K, Stuke LE, Brown T, Marr A, Greiffenstein P, Schoen J, Hunt JP, Smith A. Global health experience among general surgery residents': Experiences, attitudes, and barriers. *Am J Surg.* 2024 May 3:S0002-9610(24)00268-X. doi: 10.1016/j.amjsurg.2024.05.001. Epub ahead of print. PMID: 38724292.
30. Haydel A., R. Roubion, C. Graffia, C. Cloud, C. **Leonardi** and C. Marerro. Preoperative Computed Tomography Scan in Distal Radius Fractures and the Effect on Preoperative Planning. *Journal of Hand Surgery Global Online.* 6 (2024) 141 – 145. DOI:https://doi.org/10.1016/j.jhsg.2023.10.012
31. Beiter K.J., S.M. Knowles, Tedesco, C. **Leonardi**, P.L. Scharf, B.M. Chapman, T.A. Brown, L.E. Stuke, P.P. Greiffenstein, A.B. Marr, J.P. Hunt and A.A. Smith. Discrepancies in Mass Shootings and Access to Trauma Care Across the United States, 2014-2018. *The American Surgeon.* 2024;0(0). Epub March 23, 2024 doi:10.1177/00031348241241748
32. Graphia CT, Klatman SH, Hein RE, **Leonardi** C, Zura RD, Richard MJ. Medicaid and Indigent Patients Experience Delayed Fixation of Distal Radius Fractures, Resulting in Worse Consequential Radiographic Outcomes. *Orthopedics.* 2024 Mar-Apr;47(2):e93-e97.
33. Rajendra R, Laporte S, **Leonardi** C, Clement RC. Inter-physician Communication in Pediatric Orthopaedics: What do Pediatricians Want to Hear From us?. *Journal of Pediatric Orthopaedics* 44(2):p 124-128, February 2024. DOI: 10.1097/BPO.0000000000002561
34. Catinis AM, Hinojosa AJ, **Leonardi** C, Cook MW. Hepatic Vagotomy in Patients with Obesity Leads to Improvement of the Cholesterol to High-Density Lipoprotein Ratio. *Obes Surg.* 2023 Nov 4. doi: 10.1007/s11695-023-06800-2. Epub ahead of print. PMID: 37924466.
35. Rimmer SN, Miller J, Hill I, **Leonardi** C, Hilton D. Assessment of Pediatric Hidradenitis Suppurativa at a Regional Medical Center. 2023 *Clin Pediatr Dermatol.* 9:12.
36. Phillippi, S., H. Lindau, C.L. Thomas, K. Beiter, A. Fenton, M. Lawrence Bidwell, C. **Leonardi**, and E. Bowers. Hybrid group mentorship for youth impacted by familial substance use disorder. *JLPHA* 2023 May(3):2 page 49.
37. Li, M, J.M. Fritz, G.V. Gonzales, C. **Leonardi**, S. Philippi, E.J. Trapido, M.D. Celestin, Q. Yu and T.S. Tseng. Social Support Moderates the Relationship between Minority Stress and Stage of Change

among LGBTQ Smokers in the Deep South. *Curr Psychol*. 2023. Epub ahead of print.
<https://doi.org/10.1007/s12144-023-04416-4>

38. Hajirawala LN, **Leonardi** C, Orangio GR, Davis KG, Barton JS. Trends in Open, Laparoscopic, and Robotic Approaches to Colorectal Operations. *Am Surg*. 2023 May;89(5):2129-2131. doi: 10.1177/00031348211034754. Epub 2021 Jul 28. PMID: 34318696.
39. Barnett SA, Song BM, Bauer M, Nungesser ME, **Leonardi** C, Heffernan MJ. Minimalistic approach to enhanced recovery after pediatric scoliosis surgery. *Spine Deform*. 2023 Jul;11(4):841-846. doi: 10.1007/s43390-023-00675-0. Epub 2023 Mar 19.
40. Van Deventer, L., Bronstone, A., **Leonardi**, C. Bennett, M., Yager, P. and V. Dasa. A modern multimodal pain protocol eliminates the need for opioids for most patients following total knee arthroplasty: results from a retrospective comparative cohort study. *J EXP ORTOP* 10, 20 2023. <https://doi.org/10.1186/s40634-023-00585-0>
41. Marrero CE, Petrie JK, Bonvillain K 2nd, **Leonardi** C, Stinger BA. The Economic Impact of Acute Firearm Injuries at a Trauma Center in New Orleans. *Am J Prev Med*. 2023 Feb;64(2):221-226. doi: 10.1016/j.amepre.2022.09.007. PMID: 36336563.
42. Shelton WL, Krause PC, Fox R, Lowe M, DeLatin L, **Leonardi** C, Miller AN, Spitler C, Mullis B, Savakus J, Purcell K, Tilan J, Vallier H, Wichern E. Risk of Infection Following Gunshot Wound Fractures to the Foot and Ankle: A Multicenter Retrospective Study. *J Foot Ankle Surg*. 2023 Jan-Feb;62(1):50-54. doi: 10.1053/j.jfas.2022.03.011. Epub 2022 Apr 1. PMID: 35466017.
43. Schexnayder SP, Valentino JL, **Leonardi** C, Bronstone AB, Dasa V. Factors Associated With Loss to Follow-up During the First Year After Total Knee Arthroplasty. *Orthopedics*. 2023 Mar-Apr;46(2):93-97. doi: 10.3928/01477447-20221129-04. Epub 2022 Dec 2.
44. Bloise C., B. Fong, K. Jeffers, C. **Leonardi**, T. Veale, J. Poche, A. Bronstone, and V. Dasa. Predictors of Disparities in Patient-Reported Outcomes Before and After Arthroscopic Meniscectomy. *Journal of Knee Surgery. J Knee Surg. J Knee Surg*. 2023 Jun;36(7):792-800. doi: 10.1055/s-0042-1743229. Epub 2022 Feb 25. PMID: 35213921.
45. Bronstone AB, **Leonardi** C, Kubilay T, Plessl DS, Morreale PJ, Tortorich GM, Krause PC. Dramatic Reduction in Opioid Prescribing for Common Outpatient Orthopaedic Lower Extremity Surgical Procedures at a Louisiana University-Based Safety-Net Hospital After Enactment of Opioid-Limiting State Legislation. *J Am Acad Orthop Surg*. 2022 Feb 1;30(3):e405-e414. doi: 10.5435/JAAOS-D-21-00390. PMID: 34851862.
46. Heffernan MJ, Younis M, Song B, Fontenot B, Dewitz R, Brooks JT, **Leonardi** C, Barnett SA. Disparities in Pediatric Scoliosis: The Impact of Race and Insurance Type on Access to Nonoperative Treatment for Adolescent Idiopathic Scoliosis. *J Pediatr Orthop*. September 2022 - Volume 42 - Issue 8 - p 427-431 doi: 10.1097/BPO.0000000000002213
47. Tumminello ME, Hogan MG, **Leonardi** C, Barton JS, Cook MW, Davis KG. Morbid Obesity Not a Risk for Serious Complications Following Outpatient Surgery. *The American Surgeon*. May 2022. doi:10.1177/00031348221103656
48. Hajirawala LN, Moreci R, **Leonardi** C, Bevier-Rawls ER, Orangio GR, Davis KG, Barton JS, Klinger AL. Laparoscopic Colectomy for Acute Diverticulitis in the Urgent Setting is Associated with Similar Outcomes to Open. *Am Surg*. 2022 May;88(5):901-907. doi: 10.1177/00031348211054553. Epub 2021 Nov 2. PMID: 34727724.
49. Danos D, **Leonardi** C, Wu XC. Geographic determinants of colorectal cancer in Louisiana. *Cancer Causes Control*. 2022 Apr;33(4):525-532. doi: 10.1007/s10552-021-01546-7. Epub 2022 Jan 7. PMID: 34994869; PMCID: PMC8904347.
50. Bronstone, A., C. **Leonardi**, J. M. Brown, R. Crabb, and V. Dasa. Multimodal opioid-sparing Analgesia for Total Knee Arthroplasty: Results from a Retrospective Case Series of 40 Patients. *Journal of Orthopaedic Experience and Innovation*. March. 2022.

51. Hajirawala LN, Krishnan V, **Leonardi C**, Bevier-Rawls ER, Orangio GR, Davis KG, Klinger AL, Barton JS. Minimally Invasive Surgery is Associated with Improved Outcomes Following Urgent Inpatient Colectomy. *JLS*. 2022 Jan-Mar;26(1):e2021.00075. doi: 10.4293/JLS.2021.00075. PMID: PMC8896814.
52. Schwartzberg, H.G, R. Roy, K. Wilson, H. Starring, C. **Leonardi**, A. Bronstone, and V. Dasa. Patient Characteristics Independently Associated with Knee Osteoarthritis Symptom Severity at Initial Orthopedic Consultation. 2022 *J Clin Rheumatol*. 28(2): e359-e362
53. Barnett, S. A., Song, B., Yan, J., Lucak, T., **Leonardi, C.**, Kadhim, M. And M.J. Heffernan. 2022. The Feasibility of Utilizing Malunion Criteria to Limit Radiographs After Spica Casting for Pediatric Femur Fractures. *J Pediatr Orthop*. Feb II;42(2):e115-e119.
54. Heffernan MJ, Younis M, Glotzbecker MP, Garg S, **Leonardi C**, Poon SC, Brooks JT, Sturm PF, Sponseller PD, Vitale MG, Emans JB, Roye BD. 2022. Pediatric Spine Study Group (PSSG). The Effect of Surgeon Experience on Outcomes Following Growth Friendly Instrumentation for Early Onset Scoliosis. *J Pediatr Orthop*. Feb II;42(2):e132-e137.
55. Cloud C, Fong B, Bloise C, **Leonardi C**, Krause PC, Lee OC. Advantages of a Dedicated Orthopaedic Trauma Operating Room for Diaphyseal Femur Fractures. *J Orthop Trauma*. 2022 Jul 1;36(7):321. doi: 10.1097/BOT.0000000000002319. PMID: 35726999.
56. Bronstone AB, **Leonardi C**, Kubilay T, Plessl DS, Morreale PJ, Tortorich GM, Krause PC. Dramatic Reduction in Opioid Prescribing for Common Outpatient Orthopaedic Lower Extremity Surgical Procedures at a Louisiana University-Based Safety-Net Hospital After Enactment of Opioid-Limiting State Legislation. *J Am Acad Orthop Surg*. 2022 Feb 1;30(3):e405-e414. doi: 10.5435/JAAOS-D-21-00390. PMID: 34851862.
57. Hajirawala L, **Leonardi C**, Orangio G, Davis K, Barton J. Urgent Inpatient Colectomy Carries a Higher Morbidity and Mortality Than Elective Surgery. *J Surg Res*. 2021 Dec;268:394-404. doi: 10.1016/j.jss.2021.06.081. PMID: 34403857.
58. Suwak, P., A. Kumar, K. Bonvillain II, M. Darlow, P. D'Amore, C. **Leonardi**, and L.C. McCluskey Jr. Assessing vertebral body rotation for percutaneous pedicle screw placement in scoliosis surgery. *Semin Spine Surg - Volume 33- Issue 4 – December 2021*: 100908. doi.org/10.1016/j.semss.2021.100908
59. Heffernan, M.J., S.A. Barnett, M.E. Nungesser, B.M. Song, C. **Leonardi**, and J. Gonzales. 2021 The Impact of Cast Immobilization on Return to Daycare. *J Pediatr Orthop*. Oct 1;41(9):571-575.
60. Simkin J, Valentino J, Cao W, McCarthy C, Schuon J, Davis J, Marrero L, Dasa V, **Leonardi C**, Yu Q. Quantifying Mediators of Racial Disparities in Knee Osteoarthritis Outcome Scores: A Cross-Sectional Analysis. *JB JS Open Access*. Jul 28;6(3):e21.00004. doi: 10.2106/JBJS.OA.21.00004. PMID: 34337283; PMID: PMC8318640
61. Barnett, S.A., B.M. Song, J. Yan, C. **Leonardi**, J. Gonzales, and M.J. Heffernan. Intraoperative Burden of Flexible Intramedullary Nailing and Spica Casting for Femur Fractures in Young Children. *Journal of Pediatric Orthopedics*. August 2021 - Volume 41 - Issue 7 - p e499-e505 doi: 10.1097/BPO.0000000000001857
62. Heffernan MJ, Song B, Bovid KM, **Leonardi C**, Fornari ED. Assessing the Impact of the Pediatric Orthopaedic Society of North America (POSNA) Visiting Scholar Program. *J Pediatr Orthop*. Mar 1;41(3):197-201. doi: 10.1097/BPO.0000000000001729. PMID: 33534369.
63. Barnett SA, Fontenot B, **Leonardi C**, Gonzales JA, Gargiulo D, Heffernan MJ. Comparison of Short-leg and Long-leg Casts for the Treatment of Distal Third Tibial Shaft Fractures in Children. *J Pediatr Orthop*. Mar 1;41(3):e259-e265 PMID: 33417388. doi: 10.1097/BPO.0000000000001741.
64. Shalhub, S., N. Mouawad, R. Malgor, A. Johnson, M. Wohlauer, S. Coogan, K. Loveland, R. Cuff, C. **Leonardi**, D. Coleman, M. Sheahan and K. Woo. Global Vascular Surgeons experience, stressors,

and coping during the COVID-19 Pandemic. Mar;73(3):762-771.e4 J Vascular Surgery. DOI:https://doi.org/10.1016/j.jvs.2020.08.030

65. Tiu SPT, Hajirawala LN, **Leonardi C**, Davis KG, Orangio GR, Barton JS. Delayed Surgery Does Not Increase Risk in Urgent Colectomy for Ulcerative Colitis. *Am Surg*. 2021 Jun;87(6):880-884. doi: 10.1177/0003134820971576. PMID: 33280393.
66. Starring H, Waddell WH, Steward W, Schexnayder S, McKay J, **Leonardi C**, Bronstone A, Dasa V. Total Knee Arthroplasty Outcomes in Patients with Medicare, Medicare Advantage, and Commercial Insurance. *J Knee Surg*. 2020 Sep;33(9):919-926. doi: 10.1055/s-0039-1688785. Epub 2019 May 23. PMID: 31121632.
67. Fink, M., K. Klein, K. Sayers, C. **Leonardi**, A. Bronstone, P. M. Wiseman, and V. Dasa. Objective data reveals gender preferences for patients' primary care physician. *J Prim Care Community Health*. 2020 Jan-Dec;11:2150132720967221. doi: 10.1177/2150132720967221.
68. Scott J., D. Danos, R. Collins, N. Simonsen, C. **Leonardi**, R. Scribner, and D. Herd. Structural racism in the built environment: Segregation and the overconcentration of alcohol outlets. *Health and Place*. DOI: 10.1016/j.healthplace.2020.102385
69. Heffernan MJ, Shelton W, Song B, Lucak TJ, **Leonardi C**, Kadhim M. Predictors of Open Reduction in Pediatric Femur Fractures Treated With Flexible Nails. *J Pediatr Orthop*. 2020 Aug;40(7):e566-e571. doi: 10.1097/BPO.0000000000001511. PMID: 31972726.
70. Plessl D., Salomon B., Haydel A., **Leonardi C.**, Bronstone A., V. Dasa. Rapid Versus Standard Recovery Protocol is Associated with Improved Recovery of Range of Motion 12 Weeks Following Total Knee Arthroplasty. *J Am Acad Ortho Surg*. Nov 1;28(21):e962-e968. doi: 10.5435/JAAOS-D-19-00597. PMID: 32053526.
71. Haydel, A.M., Guilbeau, S.A., C. **Leonardi**, A.B. Bronstone, and V. Dasa. 2019. Achieving Validated Thresholds for Clinically Meaningful Change on the Knee Injury and Osteoarthritis Outcome Score Following Total Knee Arthroplasty: Findings from a University-based Orthopedic Tertiary Care Safety Net Practice. *JAAOS Global Research & Reviews*. 3(11):e00142.
72. Miller, A.M., D.T. Beyer, H.M Starring, C. **Leonardi**, A.B. Bronstone, and V. Dasa. 2019. Importance of Routine Bone Mineral Density Screening Prior to Elective Total Joint Replacement. *Orthopedics*. 42(6):310-312. DOI: 10.3928/01477447-20191022-01
73. Hossain, F, D. Danos, O. Prakash, A. Gilliland, T. Ferguson, N. Simonsen, C. **Leonardi**, Q. Yu, C. Wu, L. Miele, and R. Scribner. 2019. Neighborhood Social Determinants of Triple Negative Breast Cancer. *Front. Public Health* 7:18. DOI: 10.3389/fpubh.2019.00018.
74. Kantrow SP, Jolley SE, Price-Haywood EG, Wang X, Tseng TS, Arnold D, Brown L, **Leonardi C**, Scribner RA, Trapido EJ, and Lin Hy. 2019. Using the Emergency Department to Investigate Smoking in Young Adults. *Annals of Epidemiology*. 30:44-49.
75. Schexnayder, S., Arnaud, E.H., Schexnayder, L., Patel, V., **Leonardi C**. and V.Dasa. 2018. Are Patients With Valgus Alignment the Same as Varus Alignment Prior to TKA? *Orthopedics*. 41(6):e783–e788.
76. Danos, D., **Leonardi**, C., Gilliland, A., Shankar, S., Srivastava, R., Simonsen, N., Ferguson, T., Yu, Q., Wu, CX., and R. Scribner. 2018. Increased risk of Hepatocellular carcinoma associated with neighborhood concentrated disadvantage. *Front. Oncol*. 8:375. DOI: 10.3389/fonc.2018.00375.
77. Hollier, J., **Leonardi**, C., Igbokwe, L., and V. Dasa. 2018. Knee range of motion as a discriminatory tool indicating potential meniscal tears. *Ochsner J*. Summer;18(2):126-130. DOI: 10.31486/toj.17.0040.
78. Marrero C.E, L. I. Igbokwe and C. **Leonardi**. 2018. Access to Orthopedic care post Medicaid expansion through the Affordable Care Act. *J. Nat. Med. Ass*. DOI:10.1016/j.jnma.2018.07.005.

79. Scribner, R. A., R. L. Radix, A. E. Gilliland, C. **Leonardi**, T. F. Ferguson, T. P. Noel, R. G. Andall, N. R. Andall, C. Radix, R. Frank, J. Benjamin, J. James, R. Benjamin, R. L. Waechter, and M. S. Sothern. 2018. Absence of Adolescent Obesity in Grenada: A Generational Effect? *Front. Public Health* 6:204. DOI: 10.3389/fpubh.2018.00204.
80. Danos, D.M., T.F. Ferguson, N. R. Simonsen, **Leonardi C.**, Q.Yu ,X.C. Wu and R.A. Scribner. 2018. Neighborhood disadvantage and racial disparities in colorectal cancer incidence: a population-based study in Louisiana. *Ann Epidemiol.* 28(5):316-321.e2.
81. Schexnayder S., Starring H., Fury M., Mora A., **Leonardi C.**, V. Dasa. 2018. The formation of a medical student research committee and its impact on involvement in departmental research. *Med. Educ. Online.* 23(1):1424449.
82. Lago, A., M. Socha, A. Geiger, D. Cook, N. Silva-del-Río, C. Blanc, R. Quesnell and C. **Leonardi**. 2018. Efficacy of colostrum replacer versus maternal colostrum on immunological status, health, and growth of preweaned dairy calves. *J. Dairy Sci.* 101(2):1344–1354.
83. García-Muñoz, A., Singh N., **Leonardi C.** and N. Silva-del-Río. 2017. Effect of hoof trimmer intervention in moderately lame cows on lameness progression and milk yield. *J. Dairy Sci.* 100(11):9205-9215.
84. Skizim, M., Harris N., **Leonardi C.** and R. Scribner. 2017. Academic-Community Partnership Development to Enhance Program Outcomes in Underserved Communities: A Case Study. *Ethn. Dis.* 27(Suppl 1): 321-328.
85. Hymel A., Asturias S., Zhao F., Bliss R., Moran T., Marshall R.H., Benjamin E., Phelan H.A., Krause P.C., Marecek G.S., **Leonardi C.**, Stuke L., Hunt J.P., Mooney J.L. 2017. Selective versus nonselective embolization versus no embolization in pelvic trauma: A multicenter retrospective cohort study. *J Trauma Acute Care Surg.* 83(3):361-367.
86. Townsend LA, Roubion RC, Bourgeois DM, **Leonardi C**, Fox RS, Dasa V, Pollock GR. 2017. Impact of Age on Patient-Reported Outcome Measures in Total Knee Arthroplasty. *J Knee Surg.* Aug 25. DOI: 10.1055/s-0037-160555.
87. Yu, Q., R. A. Scribner, **Leonardi C.**, Lu Zhang, C. Park, L. Chen, and N. Simonsen. 2017. Exploring racial disparity in obesity: a mediation analysis considering geo-coded environmental factors. *Spatial and Spatio-temporal Epidemiology.* 21:13-23.
88. **Leonardi C.**, N. Simonsen, Q. Yu, C. Park, R. A. Scribner. 2017. Street Connectivity and Obesity Risk: Evidence From Electronic Health Records. *Am. J. Prev. Med.* 52(1):S40-S47.
89. Scribner R. A., N. Simonsen, and C. **Leonardi**. 2017. The Social Determinants of Health Core: Taking A Place-Based Approach. *Am. J. Prev. Med.* 52(1):S13-S19.
90. Gressley, T. F., K. A. Davison, J. Macies, C. **Leonardi**, M. M. McCarthy, L. M. Nemecek, and C. A. Rice. 2016. Effect of abomasal carbohydrates and live yeast on measures of postruminal fermentation. *J. Anim. Sci.* 94:284-296.
91. Roubion, R. C., R. S. Fox, L. A. Townsend, G.R. Pollock, C. **Leonardi**, and V Dasa. 2016. Does marital status impact outcomes after total knee arthroplasty? *J. Arthroplasty.* S0883-5403(16)30084-5.
92. Kepper M., M. Sothern, J. Zabaleta, E. Ravussin, C. Velasco-Gonzalez, C. **Leonardi**, L. Griffiths, C. Park, J. Estrada, and R. Scribner. 2016. Pre-pubertal children exposed to concentrated disadvantage: Effects on biomarkers of inflammation and metabolic dysfunction. *Obesity.* 24(5):1148-1153.
93. Queiroz-Williams. P, F da Cunha A., T. Doherty and C. **Leonardi**. 2016. Effects of ketamine and lidocaine in combination on the sevoflurane minimum alveolar concentration in alpacas. *Canadian J. Of Vet. Research.* 80:140-145.

94. Sutton GM, Ptitsyn AA, Floyd ZE, Yu G, Wu X, Hamel K, Shah FS, Centanni A, Eilertsen K, Kheterpal I, Newman S, **Leonardi** C, Freitas MA, Bunnell BA, Gimble JM. 2013. Biological aging alters circadian mechanisms in murine adipose tissue depots. *Age*. 35(3):533-47.
95. Rowntree J. E., L. Guo, K. A. Guidry, G. T. Gentry, L. L. Southern, C. **Leonardi**. 2013. A macromineral survey of Louisiana beef cow-calf production systems. *The Professional Animal Scientist* 08/2013; 29(4):372-382.
96. **Leonardi**, C., V. R. Moreira, R. D., Bardwell M. E. McCormick, M. Autin, B. Perez, and M. C. Martinez. 2011. An assessment of current feeding practices in Louisiana dairy farms. *J. of Extension*. Vol 49. Num.6 Article:6RIB8.
97. Tudor-Locke, C. C. **Leonardi**, W. D. Johnson, P. T. Katzmarzyk. 2011. Time spent in physical activity and sedentary behaviors on the working day: the American time use survey. *J. Occup. Environ. Med.* 53(12):1382-7.
98. Tudor-Locke, C., S.M Camhi, C. **Leonardi**, W. D. Johnson, P. T. Katzmarzyk, C.P. Earnest and T. S. Church. 2011. Patterns of adult stepping cadence in the 2005-2006 NHANES. *Preventive Medicine*. 53(3):178-81
99. Tudor-Locke, C., C. **Leonardi**, W. D. Johnson, P. T. Katzmarzyk and T. S. Church. 2011. Accelerometer steps/day translation of moderate-to-vigorous activity. *Preventive Medicine*. 53(1-2):31-3.
100. Murugesu, A., C. E. Astete, C. **Leonardi**, and C. M. Sabliov. 2011. Chitosan/PLGA particles for controlled release of alpha-tocopherol in the gastrointestinal tract via oral administration. *Nanomedicine (Lond.)*. 6(9):1513-28.
101. Patel, N., K, Damann, C. **Leonardi**, and C. M. Sabliov. 2011. Size effect on uptake of Itraconazole Loaded Poly(lactic-co-glycolic) Acid Nanoparticles and associated improved antifungal activity. *Nanomedicine (Lond.)*. 6(8):1381-95.
102. Patel, N., K, Damann, C. **Leonardi**, and C. M. Sabliov. 2010. Itraconazole Loaded Poly(lactic-co-glycolic) Acid Nanoparticles for Improved Antifungal Activity. *Nanomedicine (Lond.)* 5(7):1037-50.
103. Boldor, D., A. Kanitkar, B.G. Terigar, C. **Leonardi**, M. Lima and G.A. Breitenbeck. 2010. Microwave Assisted Extraction of Biodiesel Feedstock from the Seeds of Invasive Chinese Tallow Tree. *Environ. Sci. Technol.* 44 (10):4019–4025.
104. Moreira, V. R., B. D. LeBlanc, E. C. Achberger, D. G. Frederick, C. **Leonardi**. 2010. Design and evaluation of a sequential biological treatment system for dairy parlor wastewater in Southeastern Louisiana. *Appl. Eng. in Ag*. 26: 125-136.
105. Sabliov, C. M., C. Fronczek, C. E. Astete, M. Khachatryan, L. Khachatryan, and C. **Leonardi**. 2009. Effects of temperature and UV light on degradation of alpha-Tocopherol in free and dissolved form. *J. Am. Oil Chem. Soc.* 86: 895-902.
106. Moreira, V. R., L. K. Zeringue, C. C. Williams, C. **Leonardi**, and M. E. McCormick. 2009. Influence of calcium and phosphorus feeding on markers of bone metabolism in transition cows. *J. Dairy Sci.* 92: 5189-98.
107. C. Kendall, C. **Leonardi**, P. C. Hoffman and D. K. Combs. 2009. Intake and Milk Production of Cows Fed Diets that Differed in Dietary NDF and NDF Digestibility. *J. Dairy Sci.* 92:313-323.
108. DiMiceli, J. K., Stouffer, P. C., Johnson, E. I., **Leonardi**, C. and E. B. Moser. 2007. Seed preference of wintering Henslow's sparrows. *The Condor*. 109: 595-604.
109. **Leonardi**, C., and L. E. Armentano. 2007. Short Communication: Feed selection by dairy cows fed individually in tie-stall or as a group in a free-stall barn. *J. Dairy Sci.* 90:2386-2389.
110. **Leonardi**, C., S. Bertics, and L.E. Armentano. 2005. Effect of increasing oil from distillers grains or corn oil on lactation performance. *J. Dairy Sci.* 88: 2820-2827.

111. **Leonardi, C.**, F. Giannico, and L.E. Armentano. 2005. Effect of water addition on selective consumption (sorting) of dry diets by dairy cattle. *J. Dairy Sci.* 88: 1043-1049.
112. **Leonardi, C.**, L.E. Armentano, and K.J. Shinnars. 2005. Effect of different dietary geometric mean particle length and particle size distribution of oat silage on feeding behavior and productive performance of dairy cattle. *J. Dairy Sci.* 88: 698-710.
113. **Leonardi, C.**, W. Stockland and L. E. Armentano. 2004. Effect of the Processing Method of Soybean Meal on Production Response of Lactating Cows. *The Prof. Anim. Sci.* 20:74-78.
114. **Leonardi, C.**, M. Stevenson, and L.E. Armentano. 2003. Effect of two levels of crude protein and supplementation of methionine on performance of dairy cows. *J. Dairy Sci.* 86:4033-4042.
115. **Leonardi, C.**, and L.E. Armentano. 2003. Effect of quantity, quality and length of alfalfa hay on selective consumption by dairy cows. *J. Dairy Sci.* 86:557-564.

Technical Report - Non-Peer Reviewed or Refereed

1. Afaneh, H., **Leonardi, C.**, Marlowe, H., Yeh, A., and Phillippi, S. (2025) Center for Evidence to Practice: Mental Health Crisis Response System Workforce & Training Development Midyear Report 2025. Louisiana State University Health Sciences Center- School of Public Health. New Orleans, La.
2. Yeh, A., Phillippi, S., **Leonardi, C.**, Gonzalez, G., Nguyen, T., Whiting-Green, W., Staples, L. (2025). Exploring behavioral health services for youth and families in Louisiana: The 2024 Gaps and Needs Study. LSU Center for Evidence to Practice.
3. Yeh, A., **Leonardi, C.**, Brian, B., Gonzalez, G., Phillippi, S. (2025). Medicaid Claims Analyses- Diagnoses & Service Utilization. Study brief series: Exploring Louisiana's Behavioral Health Services for Youth & Families- Part 1. LSU Center for Evidence to Practice.
4. Yeh, A., **Leonardi, C.**, Nguyen, T., Gonzalez, G., Rubin, R., Bumbarger, B., Phillippi, S. (2025). Evidence-Based Practice Utilization, Challenges, and Strengths. Study brief series: Exploring Louisiana's Behavioral Health Services for Youth & Families- Part 2. LSU Center for Evidence to Practice.
5. Yeh, A., **Leonardi, C.**, Nguyen, T., Gonzalez, G., Rubin, R., Bumbarger, B., Staples, L., Phillippi, S. (2025). Workforce Stability, Opportunities, & Challenges. Study brief series: Exploring Louisiana's Behavioral Health Services for Youth & Families- Part 3. LSU Center for Evidence to Practice.
6. Afaneh, H., **Leonardi, C.**, Marlowe, H., Yeh, A., and Phillippi, S. (2024) Center for Evidence to Practice: Mental Health Crisis Response System Workforce & Training Development Annual Report 2024. Louisiana State University Health Sciences Center- School of Public Health. New Orleans, La.
7. Phillippi, S., Fenton, A, & **Leonardi, C.** (2024). 2016-2022 Evaluation of Camp Mariposa (all camps: full report). For the Eluna Network. By the Institute for Public Health & Justice at the LSU School of Public Health.
8. Phillippi, S., Fenton, A, & **Leonardi, C.** (2024). A Six Year Study of Camp Mariposa. For the Eluna Network. By the Institute for Public Health & Justice at the LSU School of Public Health.
9. Phillippi, S., Fenton, A, & **Leonardi, C.** (2024). Who are Camp Mariposa participants, what are their differences based on location, and how do they experience Camp Mariposa? For the Eluna Network. By the Institute for Public Health & Justice at the LSU School of Public Health.
10. Phillippi, S., Fenton, A, & **Leonardi, C.** (2024). Are there differences in outcomes (e.g., delinquency, substance use, attendance) for Camp Mariposa participants associated with socio-demographic and contextual factors (e.g., camp difference, teen vs. regular camp settings, etc.)? For the Eluna Network. By the Institute for Public Health & Justice at the LSU School of Public Health.
11. Phillippi, S., Fenton, A, & **Leonardi, C.** (2024). How does interaction (e.g., quality, type, and quantity) with Camp Mariposa impact favorable and less favorable outcomes (e.g., substance use and

delinquency)? For the Eluna Network. By the Institute for Public Health & Justice at the LSU School of Public Health.

12. Phillippi, S., Fenton, A, & **Leonardi**, C. (2024). What differences were noted in Camp Mariposa pre- and post- pandemic? For the Eluna Network. By the Institute for Public Health & Justice at the LSU School of Public Health.
13. Afaneh, H., **Leonardi**, C., Marlowe, H., and Phillippi, S. (2024) Center for Evidence to Practice: Mental Health Crisis Response System Workforce & Training Development Mid-Year Report 2024. Louisiana State University Health Sciences Center- School of Public Health. New Orleans, La.
14. Staples, L, Dupre, B, Yeh, A, Nguyen, T, C & Phillippi, S (2024) Center for Evidence to Practice: 2024 Mid-Year Report on the Advancement of EBPs for Youth & Families Relying on Medicaid. Louisiana State University Health Sciences Center- School of Public Health. New Orleans, La.
15. Staples, L., **Leonardi**, C., Dupre, B., Gonzalez, G., Cohen N., Rubin, R., Phillippi, S. (2024) Center for Evidence to Practice: 2023 Annual Report. Louisiana State University Health Sciences Center- School of Public Health. New Orleans, LA.
16. Afaneh, H., **Leonardi**, C., Dupre, B., and Phillippi, S. (2024) Center for Evidence to Practice: Mental Health Crisis Response System Workforce & Training Development Annual Report 2023. Louisiana State University Health Sciences Center- School of Public Health. New Orleans, La.
17. Afaneh, H., **Leonardi**, C., Whiting, W., Gonzalez, G., Dupre, B., Phillippi, S. (2023). Center for Evidence to Practice: Mental Health Crisis Response System Workforce & Training Development Annual Report 2022. Louisiana State University Health Sciences Center- School of Public Health. New Orleans, La.
18. Staples, L., Singh, S., **Leonardi**, C., Whiting, W., Gonzalez, G., Dupre, B., Phillippi, S. (2023). Center for Evidence to Practice: Evidence Based Practice Workforce & Training Annual Report 2022. Louisiana State University Health Sciences Center- School of Public Health. New Orleans, La
19. Moreira, V. R., L. Zeringue, C.C. Williams, A. Howard, C. **Leonardi**. 2009. Serum pyridinoline concentration pattern in lactating multiparous Holstein dairy cows. 2009 Louisiana Dairy Report. B. F. Jenny, ed. 65-67.
20. Leonardi, C., V. R. Moreira, L. Zeringue, C. C. Williams, A. Howard, C. **Leonardi**. 2009. An assessment of current feeding practices of Louisiana dairy farms. 2009 Louisiana Dairy Report. B. F. Jenny, ed. 53-58.
21. Moreira, V. R., L. Zeringue, C. C. Williams, C. **Leonardi**, M. E. McCormick. 2009. Calcium and phosphorus supplementation and bone mobilization in transition cows. 2009 Louisiana Dairy Report. B. F. Jenny, ed. 59-64.
22. Paxton, K.W. and C. **Leonardi**. April 2008. "Precision Farming Practices and Perceptions. Louisiana Cotton Producers: Results from the 2005 Southern Precision Farming Survey." SP 2008-05, Department of Agricultural Economics and Agribusiness, LSU AgCenter. 33 pp
23. Moreira, V. R., B. D. LeBlanc, E. C. Achberger, D. G. Frederick, C. **Leonardi**. 2007. Evaluation of Multiple-Stage Lagoons and Constructed Wetlands Treatment of Dairy Parlor Waste Effluent. In: Southeast Research Station Field Day Summaries 2007. LSU AgCenter SERS, Franklinton, LA. 6-10.
24. Moreira, V. R. and C. **Leonardi**. 2006. Meta-analysis of the effect of primary dietary forage source on manure nitrogen excretion. 2006 Louisiana Dairy Report. B. F. Jenny. 55-59.
25. Martin, R., L.E. Armentano, and C. **Leonardi**. 2000. Feed sorting and acidosis: Is there a link. Hoard's Dairyman. vol. 10. p. 625
26. Andrighetto, I., P. Berzaghi, G. Cozzi, G. Burato e C. **Leonardi**. 1999. Silomais piu lungo, costi di alimentazione minori. (Longer corn silage, lower feeding costs). L'Informatore Agrario 31:35-38.

Presentations, Conferences, Abstracts

1. Mermilliod, A., C. Ramos, D. Vitharana, A. Masoud, K. Andre, **C. Leonardi**, M.V.P. Miles, J. Carter, J. Schoen, and A. Smith. Contact Points of Electrical Injury: Disproportionate Outcomes by Ethnicity, Region, and Payo Fresh Frozen Plasma May Decrease Levels of Endothelial Dysfunction in Burn Injury Patients. Poster to be presented at the American Burn Association's Annual Meeting. April 14–17, 2026. Orlando, FL.
2. Brown, N.H., Rivera, M., and **C. Leonardi**. Contact Points of Electrical Injury: Disproportionate Outcomes by Ethnicity, Region, and Payor. Poster to be presented at the American Burn Association's Annual Meeting. April 14–17, 2026. Orlando, FL.
3. Hall L, Bloise C, Randell T, Sisco-Wise L, **Leonardi C**, Cohen-Rosenblum A. Treatment of Orthopaedic Medicaid Patients in Louisiana: A Survey Study. Oral presentation: Southern Orthopaedic Association Annual Meeting; July 24th, 2025; Marco Island, FL
4. Bloise C, Hall L, Randell T, Sisco-Wise L, **Leonardi C**, Cohen-Rosenblum A. Treatment of TKA and THA Medicaid Patients: A Survey Study. Podium presentation: Southern Orthopaedic Association Annual Meeting; July 24th, 2025; Marco Island, FL
5. Leoni JA, Chaisson JM, Kawji Y, Hargis MC, Jain S, **Leonardi C**, Lawicki S, Smith AA. Propensity-Matched Analysis of Whole Blood + Component Therapy versus Component Therapy Alone. Oral presentation. Louisiana Chapter of the American College of Surgeons Annual Meeting. April 2025.
6. Nelson C., Daigle C., Carleton J., Haaga B., Gelvez D., **Leonardi C.**, Dasa V. The Effect of the Hyaluronic Acid Enhanced Calcium Phosphate Subchondroplasty on Bone Marrow Lesion Outcomes. LOA 2025 Annual Meeting. March 21 - 22, 2025. New Orleans LA.
7. Redlich, N. Korbal, T. Darlow, M. **Leonardi**, C. Clement, C. What Role does Vitamin D play in Scheuermann's Disease? LOA 2025 Annual Meeting. March 21 - 22, 2025. New Orleans, LA.
8. Hall L, Bloise C, Randell T, Sisco-Wise L, **Leonardi C**, Cohen-Rosenblum A. Treatment of Orthopaedic Medicaid Patients in Louisiana: A Survey Study. LOA 2025 Annual Meeting: Oral presentation. March 22nd, 2025; New Orleans, LA
9. Daigle, C., Branstetter, R., van Deventer, L., Rajendra, R., **Leonardi, C.**, Bronstone, A., Dasa, V. Risk Factors for Opioid Consumption in Opioid-Naïve Patients after TKA. LOA 2025 Annual Meeting. March 21 - 22, 2025. New Orleans LA.
10. Veillon-Bradshaw, M., Branstetter IV, R., T Korbal, M Veillon-Bradshaw, M Ozery, C Leonardi, A Bronstone, and V Dasa. The Impact of Intraosseous Vancomycin Compared to IV Antibiotic Administration on Total Knee Arthroplasty Patient Reported Outcomes. LOA 2025 Annual Meeting. March 21 - 22, 2025. New Orleans LA.
11. Taylor N, Cook C, Charles J, Bellfi L, Lemon C, Leonardi C, Marr A, Aiken J, Rodriguez R, Hightower T, McNickle A, Murry J, Pero B, Martinez B, Allen B, Muir M, Vaughn T, Tseng R, Axtman B, Partida J, Haan J, Lightwine K, Schroepfel T, Stillman Z, Bjordal P, Guido J, Charles M, Knoten K, Cavalea A, Griepentrog J, Lian T, Schreiber M, Briggs S, Ahmeti M, Alison Smith AA, Multicenter Prehospital Ketamine Study Group. A Western Trauma Association Multi-Center Prospective Trial of Prehospital Ketamine Administration and ED Disposition in Trauma Patients. Oral presentation. Western Trauma Association. Mar 2025.
12. Leoni, J., J Chaisson, Y Kawji, M Hargis, S Jain, **C Leonardi**, S Lawicki, A Smith. A Propensity-matched analysis of whole plus component therapy versus component therapy alone. SESC 2025 Annual Meeting, February 15 - 18, 2025, New Orleans, LA
13. Trinh S, Ozcan A, Dennis J, Ramos C, Fontenot CJ, Robinson J, Leonardi C, Stuke LE, Duchesne JC, Marr AB, Hunt JP, Greiffenstein P, Hobden J, Smith AA. Peritoneal FGF-2 as a Potential Diagnostic Tool in Traumatic Gastrointestinal Tract Injury. Quickshot oral presentation. SESC. Feb 2025.

14. Bratton, M., D. St. Etienne, C. Daigle, C. **Leonardi**, and V. Dasa. "The Role of Preoperative Injections in Patient Reported Outcomes after Total Knee Arthroplasty". LSU Medical Student Research Day. November 5th, 2024.
15. Branstetter IV, R., T Korbal, M Veillon-Bradshaw, M Ozery, C **Leonardi**, A Bronstone, and V Dasa. Assessing Total Knee Arthroplasty Patient Reported Outcomes: Intraosseous Vancomycin Versus Intravenous Antibiotic Injection. Poster Presentation LSU Medical Student Research Day. November 5th, 2024.
16. Haydel; A. S. Baum; T. Johnson; N. Guisse; A.N. Miller, FIOTA; S.C. Kurkowski; H. Claude Sagi, D. Ivanov, C.Q. Lin; Bradley J. Lauck, A. Chen, S.P. Dasari, J. Hebert-Davies, C. Soni, L.A. Lopas, R.W. Rutz, C.A. Spitler, J. Poirer; Y. Jang, C. **Leonardi**; and P.C. Krause. Multicenter Comparison of Outcomes for Management of GSW Humerus Fractures. Orthopaedic Trauma Association Annual Meeting. October 23rd, Quebec, Canada.
17. Redlich, N. Korbal, T. Darlow, M. **Leonardi**, C. Clement, C. Does Vitamin D Deficiency Play a Role in Scheuermann's Disease? Southwest Region Resident Research Symposium. October 18, 2024. Houston, TX.
18. Rivera, A. R., Brown, N., Welch, E., Carter, J. E., Phelan, A. P., Schoen, J. E., **Leonardi**, C., and S. Duffy. Prevalence & Outcomes of Electrical Injuries Among Latinx Individuals. Oral presentation at the Southern Medical Association's Southern Region Burn Conference, Winston-Salem, NC. October 13th, 2024.
19. Trinh, S., A. Tullos, C. **Leonardi**, and M. Sheahan. Open Versus Endovascular Repair of Traumatic Subclavian Arterial Injuries. Journal of Vascular Surgery, Volume 80, Issue 3, e77. 2024
20. Smith AA, Dennis J, Deville P, Trinh S, Ramos C, Couvillion K, Leonardi C, Asra Feroze A, Dewenter T, Siggins R, McTernan P, Molina P, Carter J, Phelan H, Schoen J. Adipose Derived Stem Cells Secrete Pro and Anti-Inflammatory Cytokines After Major Burn Injury. Oral presentation. American Association for the Surgery of Trauma. September 2024.
21. Daigle, C., R. Branstetter IV, L. Van Deventer, R. Rajendra, C. **Leonardi**, A. Bronstone, V. Dasa. Risk Factors for Opioid-Naive Patients Filling Opioid Prescriptions After Arthroplasty. E-Poster Presentation. COS 112th Annual Meeting. September 4-7, 2024, Tampa, FL.
22. Bratton, M., R. Rajendra, C. **Leonardi** and R.C. Clement. Characterizing the Spectrum of Scoliosis in Autism. SOA. 41st Annual Meeting July 17-20, 2024, Miami Beach, FL.
23. Bratton, M., R. Rajendra, C. **Leonardi** and R.C. Clement. "Characterizing the Spectrum of Scoliosis in Autism Spectrum Disorder". LSU Robert D'Ambrosia Musculoskeletal Research Day. June 22, 2024.
24. Brown, M., C. **Leonardi**, A. Smith, and F. Gray. Pediatric Firearm Injuries In A Major Urban Louisiana City: A Deadly Public Health Issue. LSU Health Department of Surgery Research Symposium. Podium Presentation. New Orleans, LA. May 9, 2024.
25. Bratton, M., D. St. Etienne, C. Daigle, C. **Leonardi**, and V. Dasa. "Characterizing the Spectrum of Scoliosis in Autism Spectrum Disorder". Louisiana Orthopaedic Association Annual Meeting. March 15th, 2024. New Orleans, LA
26. Korbal, T., R. Branstetter IV, A. Khanna, A. Haydel, C. **Leonardi**, and V. Dasa. Can Surgeons Avoid Unnecessary Postoperative Infection Workup by Collecting Preoperative Inflammatory Markers? Louisiana Orthopaedic Association Annual Meeting. March 15th, 2024. New Orleans, LA.
27. Bratton M., Daigle C., St. Etienne D., **Leonardi** C., Bronstone A., Dasa V. The Impact of Preoperative Injections on Patient Reported Outcomes in Total Knee Arthroplasty. Louisiana Orthopaedic Association Annual Meeting. March 15th, 2024. New Orleans, LA.
28. Martin, D., Schroeder, R., Toups, C., Daigle, C., Spitchley, M., **Leonardi**, C., Bhandutia, A. Comparing ACDF Outcomes by Cervical Spine Level: A Retrospective Study. Louisiana Orthopaedic Association Annual Meeting. March 15th, 2024. New Orleans, LA

29. Bratton, M., D. St. Etienne, C. Daigle, C. **Leonardi**, and V. Dasa. "The Role of Preoperative Injections in Patient Reported Outcomes after Total Knee Arthroplasty". Louisiana Orthopaedic Association Annual Meeting. March 15th, 2024.
30. Brown, M., C. **Leonardi**, A. Smith, and F. Gray. Pediatric Firearm Injuries In A Major Urban Louisiana City: A Deadly Public Health Issue. Academic Surgical Congress. Quickshot Presentation. Washington, DC. February 7, 2024.
31. Daigle C.; Davis Martin; Ryan Schroeder; Matthew Spitchley; Claudia Leonardi; Berje Shammassian; Amit Bhandutia. Comparing Acdf Outcomes By Cervical Spine Level: A Single Center Retrospective Study. ORS. 70th Annual Meeting February 2-6, 2024, Long Beach, CA.
32. Bratton, M., R. Rajendra, C. Leonardi and R.C. Clement. "Characterizing the Spectrum of Scoliosis in Autism Spectrum Disorder". International Pediatric Orthopaedic Association. December 4th, 2023.
33. Branstetter, R.IV, T. Korbal, A. Khanna, A. Haydel, C. Leonardi, and V. Dasa. The Utility of Preoperative Inflammatory Marker Collection in Avoiding Unnecessary Postoperative Infection Workup. LSU Medical Student Research Symposium; October 2023; New Orleans, LA
34. Lieberman EG, Ozery M, Bernstein JA, Wolfstadt JI, Landy DC, Leonardi C, Cohen-Rosenblum A. Why do Early Career Adult Reconstruction Surgeons Change Jobs? A Survey Study. Accepted for Poster Presentation AAOS Annual Meeting 2023. San Francisco, CA.
35. Martin, D.E., R.J Schroeder, M. Spitchley, C. Daigle, C. Leonardi, A. Bhandutia and B.H Shammassia. Comparing ACDF Outcomes by Cervical Spine Level: A Retrospective Study. COS, 111th Annual Meeting September 6-9, 2023, New Orleans, LA
36. Haydel A, Roubion R, Graphia C, Cloud C, Leonardi C, Marrero C. Pre-operative CT scan in Distal Radius Fractures and the effect on pre-operative planning. Podium Presentation. Louisiana Orthopedic Association Annual Meeting, New Orleans, LA. February 4, 2023.
37. Haydel A, Baum S, Johnson T, Leonardi C, Krause P. Comparison of outcomes for operative vs nonoperative management of GSW humerus fractures. Podium Presentation by Baum S, Southeastern Fracture Consortium Annual Symposium, Charlotte, NC. February 3, 2023.
38. Van Deventer L, Bronstone A, Leonardi C, Bennett, M, Yager P, Dasa V. Automatic Versus Upon Request Opioid Prescribing Following Total Knee Arthroplasty Poster Presentation. Orthopaedic Research Society Annual Meeting. Dallas, TX. February 2023.
39. Van Deventer L, Bronstone A, Leonardi C, Bennett, M, Yager P, Dasa V. Opioid-Reducing Multimodal Pain Management Following Total Knee Arthroplasty (TKA). American Academy of Orthopaedic Surgeons Annual Meeting. Las Vegas, NV. Poster Presentation March 2023.
40. Barnett SA, Song BM, Fontenot B, Leonardi C, Heffernan MJ. Do All Patients Have Equal Access to Nonoperative Treatments for Adolescent Idiopathic Scoliosis? American Academy of Orthopaedic Surgeons Annual Meeting. Podium Presentation. March 2022.
41. Barnett SA, Song BM, Fontenot B, Leonardi C, Heffernan MJ. Do All Patients Have Equal Access to Nonoperative Treatments for Adolescent Idiopathic Scoliosis? Pediatric Orthopaedic Society of North America Annual Meeting. Vancouver, CA. E-Poster Presentation. May 2022.
42. Heffernan MJ, Barnett SA, Song BM, Yan J, Lucak TJ, Leonardi C, Kadhim M. The Feasibility of Utilizing Malunion Criteria to Limit Radiographs After Spica Casting for Pediatric Femur Fractures. Pediatric Orthopaedic Society of North America Annual Meeting. Vancouver, CA. Podium Presentation. May 2022.
43. Heffernan MJ, Younis M, Glotzbecker MP, Garg S, Leonardi C, Poon SC, Brooks JT, Sturm PF, Sponseller PD, Vitale MG, Emans JB, Pediatric Spine Study Group, Roye BD. The Effect of Surgeon Experience on Outcomes Following Growth Friendly Instrumentation for Early Onset Scoliosis. Pediatric Orthopaedic Society of North America Annual Meeting. Vancouver, CA. E-Poster Presentation. May 2022.

44. Barnett SA, Song BM, Fontenot B, Leonardi C, Heffernan MJ. Do All Patients Have Equal Access to Nonoperative Treatments for Adolescent Idiopathic Scoliosis? American Academy of Pediatrics Section on Orthopaedics. Anaheim, CA. Podium Presentation. October 2022.
45. Fontenot B, Younis M, D'Amore PW, Leonardi C, Heffernan MJ. Rule Breakers: Upper Instrumented Level Selection and Shoulder Balance in Idiopathic Scoliosis. American Academy of Pediatrics Section on Orthopaedics. Anaheim, CA. Podium Presentation. October 2022.
46. Heffernan MJ, Leonardi C, Andras LM, Fontenot B, Li Y, Drake L, Pahys J, Smith J, Sturm P, Thompson G, Glotzbecker MG, Roye B, Pediatric Spine Study Group. Factors Associated with LIV Selection in Early Onset Scoliosis. 16th Annual International Congress on Early Onset Scoliosis and the Growing Spine (ICEOS). Rome, Italy. E-poster Presentation. November 2022.
47. Bronstone, A., C. Leonardi, J. Brown, R.A.L. Crabb, and V. Dasa. Is Opioid Free Total Knee Arthroplasty Possible? Results From a Retrospective Case Series of 40 Patients. AAOS Annual Meeting, March 22-26, 2022, Chicago, Illinois
48. Heffernan MJ, Song, B., Dewitz,R., Leonardi, C., Kadhim, M. and S.A. Barnett. Do All Patients Have Equal Access to Nonoperative Treatment for Pediatric Scoliosis? POSNA Annual Meeting, May 11 – 14, 2022 in Vancouver, BC, Canada.
49. Barnett, S. A., Song, B., Yan, J., Lucak, T., Leonardi, C., Kadhim, M. And M.J. Heffernan. The Feasibility of Utilizing Malunion Criteria to Limit Radiographs After Spica Casting for Pediatric Femur Fractures. POSNA Annual Meeting, May 11 – 14, 2022 in Vancouver, BC, Canada.
50. Heffernan MJ, Younis M, Glotzbecker MP, Garg S, Leonardi C, Poon SC, Brooks JT, Sturm PF, Sponseller PD, Vitale MG, Emans JB, Roye BD; Pediatric Spine Study Group (PSSG). The Effect of Surgeon Experience on Outcomes Following Growth Friendly Instrumentation for Early Onset Scoliosis. POSNA Annual Meeting, May 11 – 14, 2022 in Vancouver, BC, Canada.
51. Mansour, CT, C Leonardi PhD, J Paige MD, B Ustunsoz MD, H Ferral MD, A Fairchild MD. Efficacy of Percutaneous Drainage Following Ventral Hernia Repair with Synthetic Mesh vs. Cutis Autograft. American Roentgen Ray Society (ARRS), Annual Meeting, New Orleans 2022.
52. Mansour, CT, C Leonardi, P McLaren, M Cook, I Hodgdon, and J Paige. O34 - Autologous fenestrated cutis grafts for ventral hernia repairs in patients with obesity. British Journal of Surgery, Volume 108, Issue Supplement_8, November 2021, znab396.033, <https://doi.org/10.1093/bjs/znab396.033>
53. Mansour, CT, C Leonardi, I Hodgdon, M Cook, J Morrison, and J Paige. Hernia Repair Using Autologous Fenestrated Cutis Graft is comparable to Traditional Methods of Repair. European Abdominal Wall Reconstructive Conference (AWRE), Royal College of Physicians, London 2021.
54. Mansour, CT, C Leonardi, I Hodgdon, M Cook, J Morrison, and J Paige. Autologous Fenestrated Cutis Grafts for Hernia Repair in Patients with Obesity. European Hernia Society-American Hernia Society Joint Congress: Hernia2021, Copenhagen-malmo, Denmark.
55. Mansour, CT, C Leonardi, I Hodgdon, M Cook, J Morrison, and J Paige. The Use of Autologous Fenestrated Cutis Grafts for Ventral Hernia Repair: An Adaptive Approach for Patients with a BMI Above Thirty. American Society for Metabolic & Bariatric Surgery 2021
56. Mansour, CT, C Leonardi, I Hodgdon, M Cook, J Morrison, and J Paige. Epigastric Hernia Repair Using Autologous Fenestrated Cutis Grafts: An Effective, Versatile Alternative to Current Therapies. American College of Surgeons, Louisiana Chapter 2021
57. Hajirawala, L, R Moreci, C Leonardi, ER Bevier-Rawls, GR Orangio, KG Davis, JS Barton, A Klinger. Laparoscopic colectomy for acute diverticulitis in the urgent setting is associated with similar outcomes to open. SESC 2021 Annual Meeting, August 21st – 24th, Atlanta, GA.
58. White T.C., P.W. D'Amore, M. Heffernan, C. Leonardi, and E.W. Villemez. Revisiting Hooks at the Upper Instrumented Level in Adolescent Idiopathic Scoliosis. SOA 38th Annual Meeting. July 21-24, 2021, Isle of Palms, SC.

59. Mansour C., C. Leonardi, J. Paige, I. Hodgdon, M. Cook, P. McLaren, J. Morrison. Epigastric hernia repair using autologous fenestrated cutis grafts: and effective, versatile alternative to current therapies. LA-ACS Virtual Annual Meeting. March 5-7, 2021.
60. McCarthy C.T., J. Valentino, W. Cao, J. Simkin, J. Schuon, J. Davis, L. Marrero, C. Leonardi, V. Dasa, and Q. Yu. Quantifying Mediators of Racial Disparities in Osteoarthritis Outcomes Scores. ORS 2021, February 13-16, 2021, Long Beach, CA.
61. Langley M., B. Kent, H. G. Schwartzberg, T. White, C. Leonardi, A. Bronstone and V. Dasa. Does Race Improve the Accuracy of Models Predicting the Size of TKA Femoral Components? ORS 2021, February 13-16, 2021, Long Beach, CA.
62. Schwartzberg HG, R. Roy, K. Wilson, H. Starring, A. Bronstone, C. Leonardi and V. Dasa. Patient Characteristics Associated with Knee Osteoarthritis (OA) Symptom Severity At Initial Orthopedic Consultation. ORS 2021, February 13-16, 2021, Long Beach, CA.
63. Heffernan, M, K. Bovid, B. Song, C. Leonardi and E. Fornari. Assessing the Impact of the Pediatric Orthopaedic Society of North America (POSNA) Visiting Scholar Program. POSNA's 2021 Annual Meeting.
64. Heffernan, M, B. Song, M. Nungesser and C. Leonardi. Return to Daycare Following Fracture Immobilization. POSNA's 2021 Annual Meeting.
65. Heffernan, M, S. Barnett, J. Gonzales, D. Gargiulo, B. Fontenot, and C. Leonardi. Comparison of Short and Long Leg Casts for the Treatment of Distal Third Tibial Shaft Fractures in Children. POSNA's 2021 Annual Meeting.
66. Tumminello, M, Riera, C, Perez, V, Leonardi, C, Greiffenstein, P. The True Lethality of Blunt Chest Wall Injury: An In-Depth Analysis of Deaths in Patients with Rib Fractures and Pulmonary Contusions. Chest Wall Injury Society, Denver, CO (2020)
67. Tumminello, M, Adams, E, Scheuermann, A, Leonardi, C, Greiffenstein, P. Understanding the relationship between pulmonary contusion and rib fracture severity. Louisiana American College of Surgeons, New Orleans, LA (2019)
68. Hajirawala, L.N., Miller, M.K., Leonardi, C., Orangio, G.R., Davis, K.G., Barton, J.S. Emergency, Urgent, and Elective Colectomies: A Comparison of Outcomes Using the American College of Surgeons National Surgical Quality Improvement Program. Journal of the American College of Surgeons. 2019, Oct; 229(4): S60-S61.
69. Hajirawala, L.N., Miller, M.K., Leonardi, C., Orangio, G.R., Davis, K.G., Barton, J.S. Trends in Robotic Colorectal Surgery: Analysis of the ACS NSQIP Database from 2013 – 2017. Diseases of the Colon & Rectum. 2019, Jun; 62(6): E351.
70. Miller, M.K., Hajirawala, L.N., Leonardi, C., Orangio, G.R., Davis, K.G., Barton, J.S.. Robotic, Laparoscopic, and Open Colectomies: A Comparison of Outcomes Using the American College of Surgeons National Surgical Quality Improvement Program. Diseases of the Colon & Rectum. 2019, Jun; 62(6): E217-218.
71. Danos, D., Scribner, R., Price-Haywood, E., and C. Leonardi. Neighborhood Social Determinants of Hepatocellular Carcinoma. The 2019 Pennington Biomedical Research Center Scientific Symposium, Baton Rouge, Louisiana. (December 2019)
72. Scott, J., Danos, D., Collins, R., Simonsen, N., Leonardi, C. & Scribner, R. Origins of health disparities: Residential racial segregation and the overconcentration of alcohol outlets. Poster to be presented at the Population Association of America (PAA) Annual Conference. Austin, Texas. (April 2019).
73. Scott, J., Danos, D., Collins, R., Simonsen, N., Leonardi, C. & Scribner, R. Separate but unequal: Alcohol outlets as an indicator of systemic racism and the health risks of segregation. Paper presented at the Society for Social Work Research (SSWR) Annual Conference. San Francisco, California. (January 2019).

74. Haydel, A., B. Salomon, D. Plessl, A. Bronstone, C. Leonardi and V. Dasa. Impact of a Rapid Recovery Protocol on Range of Motion Following Total Knee Arthroplasty. ORS annual meeting, Austin, TX. February 3, 2019.
75. Hodgeson S., K. Jordan, S. O'Brien, C. Leonardi, V. Dasa, and L. Marrero. Race-dependent synovial fibrosis may impact outcomes in patients undergoing TKA. ORS annual meeting, Austin, TX. February 3, 2019. Ferguson, T. F., Danos, D. M., Simonsen, N. R., Leonardi, C., Yu, Q., Wu, X.-C., Scribner, R. (2018, October). *Racial Disparities in Late-Stage Breast Cancer Diagnosis: Assessing Geographic Variation and Ecological Risk*.
76. Danos D, Kepper M, Price-Haywood E, Leonardi C, Ferguson, T, Scribner, R. Utilizing Electronic Health Records to Evaluate Racial Disparities in Metabolic Syndrome. Presented at the University of Alabama's (UAB) 13th Annual Health Disparities Research Symposium, 2018. Birmingham, Alabama, March 2018.
77. Scott J, Danos D, Collins R, Simonsen N, Leonardi C, Scribner R. Alcohol Outlets as an Indicator of the Health Risks of Segregation. Presented at the University of Alabama's (UAB) 13th Annual Health Disparities Research Symposium, 2018. Birmingham, Alabama, March 2018.
78. Schexnayder S, Arnaud E, Schexnayder L, Patel V, Leonardi C, Dasa V. Are Patients with Valgus Alignment the Same as Varus Alignment Prior to TKA? LA Orthopedic Assoc Annual Meeting. New Orleans, LA Feb 2018.
79. John M, Schexnayder S, Dasa V, Krause P, Leonardi C, Molligan H. Traumatic Heterotopic Ossification and Risk Factor Analysis in a Civilian Cohort. LA Orthopedic Assoc Annual Meeting. New Orleans, LA Feb 2018.
80. Schexnayder S, Starring H, Fury M, Mora A, Leonardi C, Dasa V. The Formation of a Medical Student Research Committee and Its Impact on Involvement in Orthopaedic Departmental Research. LA Orthopedic Assoc Annual Meeting. New Orleans, LA Feb 2018.
81. Danos D, Ferguson T, Simonsen N, Leonardi C, Yu Q, Wu XC, Scribner R. Social determinants of Hepatocellular Carcinoma in Louisiana. Presented at the Tenth AACR Conference on The Science of Cancer Health Disparities in Racial/Ethnic Minorities and the Medically Underserved, 2017. Atlanta, Georgia, September 2017.
82. Danos D, Ferguson T, Simonsen N, Leonardi C, Yu Q, Wu XC, Scribner R. Racial Disparities in Late-Stage Breast Cancer Diagnosis: Assessing Geographic Variation and Ecological Risk. Presented at the 50th Annual Society for Epidemiologic Research (SER) Conference, 2017. Seattle, Washington, June 2017.
83. Yu, Q., Scribner, R.A., Leonardi, C., Zhang, L., Park, C., Chen, L., and Simonsen, N.R., Mediation Analysis with Multiple Factors with an Application to Explore Racial Disparity in Obesity Using NHANES Data. Presented at The Western North American Region of the International Biometric Society Meeting, 2017. Santa Fe, New Mexico. June 2017.
84. Leonardi, C., Kepper M., Yu, Q., Coulon, S.J., Velasco-Gonzalez C., Park, C.L., Gomez R., Vargas A., Stender, S., Zabaleta, J., Clesi, P., Chalew, S.A., Hempe, J.M. and R. Scribner. 2017. Neighborhood Disadvantage and Glycemic Control in Type I Diabetes: Mediators. University of Alabama's (UAB) 12th Annual Health Disparities Research Symposium. Birmingham, Alabama, April 2017.
85. Scribner, R., Danos, D., Ferguson, T., Simonsen, N., Leonardi, C., Yu, Q. And X. Wu. 2017. Social Determinants of Liver Cancer in Louisiana. University of Alabama's (UAB) 12th Annual Health Disparities Research Symposium. Birmingham, Alabama, April 2017.
86. Danos, D., Ferguson, T., Simonsen, N., Leonardi, C., Yu, Q., Wu, X and R. Scribner. 2017. Neighborhood Disadvantage and Racial Disparities in Colorectal Cancer Incidence: A Population Based Study in Louisiana. University of Alabama's (UAB) 12th Annual Health Disparities Research Symposium, 2017. Birmingham, Alabama, April 2017.

87. Ferguson, T., Scribner, R., Danos, D., Simonsen, N., Leonardi, C., Yu, Q., and X.Wu. 2017. Racial Disparities in Late Stage Breast Cancer Diagnosis: Assessing Geographic Variation and Ecological Risk. University of Alabama's (UAB) 12th Annual Health Disparities Research Symposium. Birmingham, Alabama, April 2017.
88. Collins R, Danos D, Leonardi C, Simonsen N, Scribner R. 2017. An Analysis of the Relationship between Segregation and Alcohol Outlet Density in Mid South States. Presented at the University of Alabamas (UAB) 12th Annual Health Disparities Research Symposium, 2017. Birmingham, Alabama, April 2017.
89. Giambelluca Lavie L., Parsons M., Lensing G., Dasa V., and C. Leonardi. 2017. Is Outpatient Total Knee Arthroplasty Safe and Effective? Accepted ORS annual meeting, San Diego Ca, March 19, 2017.
90. Danos, D., Ferguson, T., Simonsen, N., Leonardi, C., Yu, Q., Wu, X and R. Scribner. 2016. Implication of Neighborhood Disadvantage in the Incidence of Colorectal Cancer in Louisiana. Meharry Translational Research Center (MeTRC) 2016 Conference on Addressing Health Disparities. Nashville, Tennessee, November 2016.
91. Ferguson, T., Danos, D., Simonsen, N., Leonardi, C., Yu, Q., Wu, X. and R. Scribner. 2016. Association of Concentrated Disadvantage with Cancer Incidence in Louisiana.' Presented at the Meharry Translational Research Center (MeTRC) 2016 Conference on Addressing Health Disparities. Nashville, Tennessee, November 2016.
92. Mohler, M., Scribner, R., Velasco-Gonzalez, C., Zabaleta, J., Leonardi, C., Chi, L., Pelligrino, N., Uddo, R., Griffiths, L., Estrada, J. and Sothorn, M. Relationships between obesity, metabolic health and neighborhood concentrated disadvantage in pre-pubertal children. University of Alabama Birmingham Annual Health Disparities Research Symposium. March, 2015.
93. Townsend, L., Roubion, R., Pollock, G., Bourgieos, D., Leonardi, C., Fox, R. and V. Dasa. Does Marital Status affect outcomes following TKA? AAHKS annual meeting, Dallas, TX. November 2015.
94. Mohler, M., Scribner, R., Velasco-Gonzalez, C., Zabaleta, J., Leonardi, C., Chi, L., Pelligrino, N., Uddo, R., Griffiths, L., Estrada, J. and Sothorn, M. Relationships between obesity, metabolic health and neighborhood concentrated disadvantage in pre-pubertal children. The Obesity Society Annual Scientific Meeting. November 2-7, 2014; Boston, MA.
95. Scribner R., C. Leonardi, C. Li, N. Simonsen Q. Yu and N. Pellegrino. 2014. Exposure to unhealthy food outlets and risk of obesity in the NHANES. 8th International Symposium on Geospatial Health. October 31- November 2, 2014. Page 24.
96. Scribner R., C. Leonardi, C. Li, N. Simonsen Q. Yu and N. Pellegrino. 2014. Geographic Determinants of Metabolic Dysregulation in the NHANES: Explaining an Effect of Race. 8th International Symposium on Geospatial Health. October 31- November 2, 2014. Page 27
97. Mohler, M., Scribner, R., Velasco-Gonzalez, C., Zabaleta, J., Leonardi, C., Chi, L., Pelligrino, N., Uddo, R., Griffiths, L., Estrada, J. & Sothorn, M. Relationships between obesity, metabolic health and neighborhood concentrated disadvantage in pre-pubertal children. 8th International Symposium on Geospatial Health. October 31- November 2, 2014. Page 24.
98. Scribner R., C. Leonardi, M. Southern. 2013. Geographic Distribution of Overweight and Obese Participants in NHANES Partially Explained by Elevation of Residence. The Obesity Society Annual Meeting, Atlanta. November 11-16, 2013. S134.
99. Scribner R., C. Leonardi, M. Southern. 2013. Effect of Walkability on BMI Mediated by Physical Activity: Evidence from the Continuous NHANES. The Obesity Society Annual Meeting, Atlanta. November 11-16, 2013. S134.
100. Leonardi, C., E. Oral and W. T. Robinson. 2013. A Two-stage Randomized Response Technique for Surveying Sensitive Topics. The 27th Annual LSUHSC Graduate Research Day. LSU Health Science Center, New Orleans. November 8th, 2013. Page. 18.

101. Scribner R., C. Leonardi, N. Simonsen and Y. Qingzhao. Neighbourhood level predictors of physical activity and obesity in the continuous national health and nutrition examination survey (NHANES). 7th International Symposium on Geospatial Health. September 5-6, 2013. Page 66.
102. Leonardi, C., E. Oral and W. T. Robinson. 2012. Mean and Sensitivity estimation using an Alternative Randomized response model. International Conference on Advances in Interdisciplinary Statistics and Combinatorics. October 5-7, 2012. Page 51.
103. Moreira, V. R., B. D. LeBlanc, E. C. Achberger, R. Sheffield, L. K. Zeringue, and C. Leonardi. 2010. Effect of loading profile on multi-stage wastewater treatment system effectiveness. In Proceedings of the 2010 CSREES National Water Conference, Hilton Head, SC (submitted)
104. Laborde, J.M., C. C. Williams, C. Leonardi, C. F. Hutchison, B. F. Jenny, B. L. Fisher, and A. H. Dolejsiova. 2009. Effect of probiotics and yeast culture on rumen development and growth of dairy calves. J. Dairy Sci. 92(Suppl.):162 (Abstr).
105. Bridges, A.J., C.C. Williams, C.F. Hutchison, J.M. Laborde, A.N. Howard, and C. Leonardi. 2008. Effect of milk replacer composition on growth and rumen development of neonatal holstein calves. J. Dairy Sci. 91(Suppl.):123 (Abstr).
106. Leonardi, C., K. M. Krause, and D. K. Combs. 2006. Sampling ruminal pH: how many days and how frequent within day? J. Dairy Sci. 89 (Suppl.): 216 (Abstr).
107. Moreira, V.R. and C. Leonardi. 2006. Meta-analysis on the effect of main dietary forage on N excretion from dairy cows. J. Dairy Sci. 88 (Suppl.): 255 (Abstr).
108. Albers, E.A., C.C. Williams, C.F. Hutchinson, D.G. Gantt, C. Leonardi, L.R. Gentry, and C.C. Stanley. 2006. Effects of milking frequency in early lactation on prolactin and growth hormone release and on milk production throughout lactation. J. Dairy Sci. 89 (Suppl.): 353 (Abstr).
109. Leonardi, C. and K.W. Paxton. 2006. "Assessing the Economic Impact of Prescription Lint Cleaning Technology. In Proc. Beltwide Cotton Conf., San Antonio, TX. 3-6 Jan. 2006. Natl. Cotton Counc. Am., Memphis, TN.
110. Leonardi, C., S. Bertics, and L.E. Armentano. 2005. Effect of increasing oil from distillers grains or corn oil on lactation performance. J. Dairy Sci. 88 (Suppl.): 177 (Abstr).
111. Leonardi, C., and L. E. Armentano. 2004. Sorting by dairy cows fed a dry diet in a tie-stall vs. free-stall barn. J. Dairy Sci. 87 (Suppl.): 52 (Abstr).
112. Armentano, L.E and C Leonardi. 2003. Problems with sorting in total mixed rations. Tri-State Nutr. Conf. p.87:100.
113. Leonardi, C., W. Stockland and L. E. Armentano. 2003. Effect of the Processing Method of Soybean Meal on Production Response of Lactating Cows. J. Dairy Sci. 86 (Suppl.): 338 (Abstr).
114. Leonardi, C., F. Giannico, and L.E. Armentano. 2002. Effect of water addition on selective consumption (sorting) of dry diets by dairy cattle. J. Dairy Sci. 85 (Suppl.):62 (Abstr.).
115. Leonardi, C., M. Stevenson, and L.E. Armentano. 2001. Effect of two levels of crude protein and supplementation of methionine on performance of dairy cows. J. Dairy Sci. 84 (Suppl.):36 (Abstr.).
116. Leonardi, C., L.E. Armentano, and K.J. Shinnars. 2001. Effect of different particle size distribution of oat silage on feeding behavior and productive performance of dairy cattle. J. Dairy Sci. 84 (Suppl.):199 (Abstr.).
117. Leonardi, C., and L.E. Armentano. 2000. Effect of quantity, quality and length of alfalfa hay on selective consumption by dairy cows. J. Dairy Sci. 83 (Suppl.): 272(Abstr.).
118. Segato, S., G.M. Burato, S. Preciso, C. Leonardi, and P. Berzaghi. 2000. Evaluation of recycling of a spent fermentation medium for starter bacteria cultures in dairy feeding. Atti XIV Congresso Nazionale ASPA, Firenze June 12-15.

119. Bovolenta, S., E. Sacca e C. Leonardi. 1999. Effect of concentrate on feeding behaviour of dairy cows grazing an alpine pasture. Atti XIII Congresso Nazionale ASPA, Piacenza June 21-24.
120. Berzaghi, P., G. Cozzi, C. Leonardi e S. Segato. 1999. The use of Infrared Spectroscopy (NIRS) for the determination of ruminal degradation kinetics of maize stover. Atti XIII Congresso Nazionale ASPA, Piacenza June 21-24.

EDITORIAL POSTS AND ACTIVITIES

Reviewer status

08/2025 – present: Reviewer for Journal of the Louisiana Public Health Association

2020: Reviewer for Journal of Public Health Student Capstones

2004-2010: Reviewer for Journal of Dairy Science

SERVICE ACTIVITIES

University/Institutional Service

07/2025 – present: MPH Admission Committee (SPH).

07/2025 – present: IT steering Committee Member (SPH).

08/2024 – present: Faculty Assembly (SPH).

09/2020 – present: Member comprehensive exam section – Oral exam (CHSP).

09/2019 – present: PhD Admissions Committee Member (CHSP).

01/2018 – present: Grader, Team Up Individual Reflection Assignments (LSUHSC).

01/2018 – present: Member, Orthopaedic Residency Admissions Committee (Ortho Dep).

2020: Developed questions for BCHS PhD Written Comprehensive exam (CHSP).

09/2019 – 10/2019: Grader, BCHS comprehensive exam section #2 - Systematic review (CHSP).

2005-2006: Elected member at large of the International Student Association at LSU (LSU)

2002-2003: Active member of the dairy science graduate student association at University of Wisconsin

1994-1998: Student representative at University of Padua (1994-1998) – actively provided student opinions in University decisions and collaborated with faculty organizing a change in building and developing new agriculture undergraduate degrees.