Sarah Little-Letsinger, MS, PhD

Curriculum Vitae

University of Texas at Austin | Department of Kinesiology & Health Education
Bellmont Hall, 2109 San Jacinto Boulevard | Austin, TX 78723

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Education

2017-2020 **Texas A&M University** | College Station, TX | Ph.D. in Exercise Physiology
- Dissertation: *Inflammation-Mediated Effects on Skeletal Biology*

2015-2017 **Texas A&M University** | College Station, TX | M.S. in Exercise Physiology

2011-2015 **Virginia Tech** | Blacksburg, VA | B.S. in Human Nutrition, Foods, and Exercise

Professional Experience & Qualifications

A. Positions

2025-current **Assistant Professor** | Department of Kinesiology & Health Education | The University of Texas at Austin | Director, *Translational Osteoimmunology Lab*

2021-2025 **Postdoctoral Researcher** | Department of Evolutionary Anthropology | Duke University | *PI: Daniel Schmitt*

2020-2021 **Postdoctoral Researcher** | Division of Endocrinology and Metabolism | Department of Medicine | University of North Carolina at Chapel Hill | *PI: Maya Styner, Janet Rubin*

2018-2020 **Graduate Research Assistant** | Bone Biology Laboratory | Department of Health & Kinesiology | Texas A&M University | *PI: Susan Bloomfield*

2018 **Exercise Physiologist** | Central Texas Sports Medicine & Orthopedics

2017-2018 **Graduate Research Assistant** | Human Countermeasures Laboratory | Department of Health & Kinesiology | Texas A&M University | *PI: Steven Riechman*

2016-2019 **Graduate Teaching Assistant** | Exercise Physiology & Physical Education Activity Programs | College of Education & Human Development | Texas A&M University

2015-2016 **Graduate Research Assistant** | Redox Biology & Cellular Signaling Laboratory | Department of Health & Kinesiology | Texas A&M University | *PI: John Lawler*

2013-2015 **Student Athletic Trainer** | Wrestling | Virginia Tech

B. Honors & Awards

2025 **Early Career Spotlight** | *Journal of Experimental Biology* | https://doi.org/10.1242/jeb.250747

2023 **Featured Article** | *Medicine & Science in Sports & Exercise* | Little-Letsinger *et al.*

2020 **Distinguished Honor Graduate** | Doctoral Degree | College of Education & Human Development | Texas A&M University

2019 **Blue Ribbon Poster Award** | Musculoskeletal Biology Workshop | Orthopaedic Research Society

2019 **Alice L. Jee Young Investigator Award** | Orthopaedic Research Society

2019 **Abstract Finalist** | Doctoral Level | Texas Chapter | American College of Sports Medicine

2017 **Honor Graduate** | Masters Degree | Department of Health & Kinesiology | Texas A&M University

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C. Professional Service

2023-current ***Review Editor*** | Frontiers in Bioengineering & Biotechnology | Biomaterials Section

2022-2025 ***Member*, Physical Activity, Nutrition, and Food Access Committee** | Partnership for a Healthy Durham | Durham County, North Carolina

2022-current ***Review Editor*** | Frontiers in Physiology | Exercise Physiology section

2022-current ***Review Editor*** | Medicine & Science in Sports & Exercise

2022-current ***Review Editor*** | NPJ Microgravity

2022 ***Review Editor*** | Histology and Histopathology

2021-current ***Review Editor*** | Frontiers in Endocrinology | Bone Research Section

2021-current ***Member*, Next Generation BMAS Committee** | Bone Marrow Adiposity Society

2020-2021 ***Member*, Summer School Organizing Committee** | Bone Marrow Adiposity Society

2020-2021 ***Transportation & Parking Liaison*, Postdoctoral Association** | University of North Carolina at Chapel Hill

2019-2022 ***Member*, Evidence-Based Practice Committee** | American College of Sports Medicine

2019-2020 ***Social Chair,* Graduate Student Association** | Department of Health & Kinesiology | Texas A&M University

2018 ***New Graduate Student Employee Mentor*** | Physical Education Activity Program | College of Education & Human Development | Texas A&M University

2017-2019 ***Volunteer*** | American College of Sports Medicine | National and Texas Chapter Annual Meetings

2017-2019 ***Collegiate Athlete ECG Test Administrator*** | Texas A&M University

D. Professional Development

2024-2025 Compass Leadership and Management Training and Mentoring Program | Washington University in St. Louis

2024-2025 Scholars in Molecular Medicine Program | Endocrinology, Metabolism, and Cardiovascular Disease Track | Clinical & Translational Science Institute | Duke University

2023-2024 Certificate in Interprofessional Health Education | Academy for Health Professions Education and Academic Development | Duke University

- Educational Project: *Incorporating Radiology into the Gross Anatomy Curriculum for First Year Medical Students*

E. Professional Society Memberships

2020-2021 American Society for Bone and Mineral Research

2020-2023 Bone Marrow Adiposity Society

2015-current American College of Sports Medicine

- Member, Texas Chapter | 2015-2020, 2024-current
- Member, Southeastern Chapter | 2020-2021, 2023-2024

F. Mentorship

2024-2025 **Olivia Ares** | BS in Evolutionary Anthropology | Duke University

- Research Supervisor, Senior Thesis Committee, Dept. of Evolutionary Anthropology

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2023-2024 **Rachel Poutre** | BS in Evolutionary Anthropology | Duke University
- Member, Senior Thesis Committee, Dept. of Evolutionary Anthropology
- Graduated with Honors

2023 **Kennedy Truitt** | Undergraduate Research Fellow | Duke University

2023 **Demi Wilson** | Undergraduate Research Fellow | Duke University

2023 **Hoon Lee** | Undergraduate Researcher | Duke University

2023 **Jennifer Ouyang** | Undergraduate Researcher | Duke University

2021-2024 **Rebecca Cook** | PhD in Evolutionary Anthropology | Duke University
- Tenure-track Assistant Professor at University of North Texas Health Science Center

2020-2021 **Maria Ramage** | Undergraduate Researcher | University of North Carolina at Chapel Hill

2018-2019 **Katarina Larson** | Undergraduate Researcher | Texas A&M University

Teaching

A. Graduate Courses

University of Texas at Austin | *Department of Kinesiology & Health Education*

2025-2026 KIN 395 (Instructor): **Musculoskeletal Physiology**
KIN 395 (Instructor): **Advanced Laboratory Techniques in Exercise Physiology**

Duke University | *School of Medicine*

2024-2025 INTERDISC 108 (Instructor): **Foundations of Patient Care I**
OTD 500 (Instructor): **Occupation as a Mechanism of Health**

2023-2024 INTERDISC 108 (Instructor): **Foundations of Patient Care I**
OTD 500 (Instructor): **Occupation as a Mechanism of Health**
N597 (Instructor): **Gross Anatomy and Specialty Procedures for the AG-ACNP**
HLTHSCI 501 (Instructor): **Human Structure**

2021-2023 INTERDISC 108 (Instructor): **Foundations of Patient Care I**
OTD 500 (Instructor): **Occupation as a Mechanism of Health**
N575.09 (Instructor): **Gross Anatomy and Specialty Procedures for the AG-ACNP**

B. Undergraduate Courses

Texas A&M University | *Department of Health & Kinesiology*

** All courses listed below were comprised of ~28-35 students per section

2018-2019 KINE 199 (Instructor of Record): **Beginner Soccer** (1 section)
KINE 199 (Instructor of Record): **Intermediate Soccer** (2 sections)
KINE 426 (Graduate Teaching Assistant): **Exercise Biomechanics Laboratory** (2 sections)

2017-2018 KINE 120 (Instructor of Record): **Science of Basic Health & Fitness** (2 sections)
KINE 199 (Instructor of Record): **Beginner Yoga** (3 sections)
KINE 199 (Instructor of Record): **Beginner Soccer** (4 sections)
KINE 199 (Instructor of Record): **Intermediate Soccer** (1 section)

2016-2017 KINE 426 (Graduate Teaching Assistant): **Exercise Biomechanics Laboratory** (4 sections)

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2015-2016 KINE 426 (Graduate Teaching Assistant): **Exercise Biomechanics Laboratory** (2 sections)

Research

A. Published Manuscripts

1. **Little-Letsinger SE**, Cook RW, Wilson D, Truitt K and Schmitt D. Gait compliance alters ground reaction forces in human walking: implications for the evolution of bipedalism. *Journal of Experimental Biology*. 2025; 228(10), https://doi.org/10.1242/jeb.250219

2. McGrath C, **Little-Letsinger SE**, Pagnotti GM, Sen B, Xie Z, Uzer G, Uzer GB, Zong X, Styner MA, Rubin J, Styner M. Diet Stimulated Marrow Adiposity Fails to Worsen Early, Age-Related Bone Loss. *Obesity Facts.* 2024;17(2):145–157. https://doi.org/10.1159/000536159

3. **Little-Letsinger SE.** Serum High Sensitivity C-Reactive Protein Poorly Predicts Bone Mineral Density: A NHANES 2017-2020 Analysis. *PLoS one*. 2023 Oct 4. https://doi.org/10.1371/journal.pone.0288212

4. **Little-Letsinger SE**, Letsinger AC, Elizondo JP, Hogan HA, Lightfoot JT, and Bloomfield SA. Transitioning from a High-Fat, High-Fructose to a Low-Fat, Low-Fructose Diet Reduces Bone Mass and Mechanical Strength. *Medicine and Science in Sports and Exercise.* 2023 Oct; 55(10): 1812-1822. https://doi.org/10.1249/MSS.0000000000003218. [MSSE Featured Article, October 2023]

5. **Little-Letsinger SE**, SE Hamilton. Leveraging Mice with Diverse Microbial Exposures for Advances in Osteoimmunology. *Frontiers in Endocrinology.* 2023 May. https://doi.org/10.3389/fendo.2023.1168552.

6. Letsinger AC, Yang F, Menon R, **Little-Letsinger SE**, Granados JZ, Breidenbach BM, Iyer AR, Castro T, Nagel EC, Jayaraman A, Lightfoot JT. Reduced Wheel Running via a High Fat Diet is Reversed by a Chow Diet with No Added Benefit from Fecal Microbial Transplants. *Medicine and Science in Sports and Exercise*. 2022 Sept. https://doi.org/10.1249/mss.0000000000002941.

7. *Labella R, ***Little-Letsinger SE**, Avilkina V, Sarkis R, Tencerova M, Vlug A, and Palmisano B. Next generation Bone Marrow Adiposity researchers: report from the 1st BMAS Summer School 2021. *Frontiers in Endocrinology*. 2022 Apr 13; https://doi.org/10.3389/fendo.2022.879588. [*co-first authorship]

8. McGrath C, **Little-Letsinger SE**, Sankaran JS, Sen B, Xie Z, Styner MA, Zong X, Chen W, Rubin J, Klett EL, Coleman RA, and Styner M. Exercise Increases Bone in SEIPIN Deficient Lipodystrophy, Despite Low Marrow Adiposity. *Frontiers in Endocrinology*. 2022 Jan 25; https://doi.org/10.3389/fendo.2021.782194.

9. **Little-Letsinger SE**, Rubin J, McGrath C, Pagnotti GM, Rubin C, Diekman B, Klett E, and Styner M. Exercise to Mend Aged-tissue Crosstalk in Bone Targeting Osteoporosis and Osteoarthritis. *Seminars in Cell and Developmental Biology.* 2021 Aug; online only; https://doi.org/10.1016/j.semcdb.2021.08.011.

10. Lawler JM, Hord JM, Ryan P, Holly D, Janini Gomes M, Rodriguez D, Guzzoni V, Garcia-Villatoro E, Green C, Lee Y, **Little S**, Garcia M, Hill L, Brooks M, Lawler M, Keys N, Mohajeri A, and Kamal KY. Nox2 Inhibition Regulates Stress Response and Mitigates Skeletal Muscle Fiber Atrophy during Simulated Microgravity. *International Journal of Molecular Sciences.* 2021 Jan; 22(6):3252. https://doi.org/10.3390/ijms22063252.

11. **Little-Letsinger SE**, Turner ND, Ford JR, Suva L, Bloomfield SA. Omega-3 Fatty Acid Modulation of Serum and Osteocyte Tumor Necrosis Factor Alpha in Adult Mice Exposed to Ionizing Radiation. *Journal of Applied Physiology*. 2021 Mar 11; 130(3):627-639. https://doi.org/10.1152/japplphysiol.00848.2020.

12. Xie Z, McGrath M, Sankaran J, Styner M, **Little-Letsinger S**, Dudakovic A, van Wijnen A, Rubin J, Sen B. Low Dose Tamoxifen Induces Significant Bone Formation in Mice. *JBMR Plus*. 2021 Mar; 5(3) e10450. https://doi.org/10.1002/jbm4.10450.

13. **Little-Letsinger SE**, Pagnotti GM, McGrath C, Styner M. Exercise and Diet: Uncovering Prospective Mediators of Skeletal Fragility in Bone and Marrow Adipose Tissue. *Current Osteoporosis Reports*. 2020 Oct; 18:774-789. https://doi.org/10.1007/s11914-020-00634-y.

14. Letsinger AC, Granados JZ, **Little SE**, Lightfoot JT. Alleles associated with physical activity levels are estimated to be older than anatomically modern humans. *PloS one.* 2019 Apr; 14(4) e0216155. https://doi.org/10.1371/journal.pone.0216155.

B. Manuscripts in Progress

1. Cook RW and **Little-Letsinger SE.** Validity of the OpenCap Pipeline for Kinetic and Kinematic Analysis of Human Gait. *Manuscript in revision with Journal of Biomechanics.*

2. **Little-Letsinger SE**, Karmaus P, Kozak G, Kozakova K, Fessler M, Hamilton SE. Bone Marrow T Cell Compartment is Unperturbed by a Single Exposure to Microbes from Pet Store Mice. *Manuscript in progress. Planned submission to J Immunology.*

3. **Little-Letsinger SE**, Kozakova K, Kozak G, Karmaus P, Fessler M, Hamilton SE. Effect of a Single Exposure to Microbes from Pet Store Mice on Bone Cell Activity and Bone Structure. *Data Analysis in progress. Planned submission to Bone.*

4. **Little-Letsinger SE**, Dickson BV, Crowell MG, Schmitt D, Sarringhaus L. Role of Ontogeny on the Biomechanics of Horizontal Leaping in Strepsirrhines. *Data analysis in progress*. *Planned submission to American Journal of Biological Anthropology*.

C. Invited Talks

Little-Letsinger SE. *Translational Osteoimmunology: Unraveling the skeletal-immune connection.* Michigan State University, Department of Kinesiology. January 2024.

Little-Letsinger SE. *Translational Osteoimmunology: Unraveling the skeletal-immune connection.* University of Texas at Austin, Department of Kinesiology and Health Education. January 2024.

Little-Letsinger SE. *Translational Osteoimmunology: Unraveling the skeletal-immune connection.* University of Minnesota, School of Kinesiology. December 2023.

Little-Letsinger SE. *Anatomy of the Shoulder Complex*. University of Texas Health San Antonio, Department of Anatomy and Cell Systems. December 2023.

Little-Letsinger SE. *Understanding Inflammatory Bone Loss*. James Madison University, Department of Biology Seminar Series. January 2023.

Little-Letsinger SE. *Connecting the Skeletal and Immune Systems in the Bone Marrow Microenvironment.* Duke University, Department of Evolutionary Anthropology Talk Series. October 2022.

Little SE. *Omega-3 Fatty Acids to Mitigate Galactic Cosmic Radiation-Induced Bone Loss*. National Aeronautics and Space Administration Human Research Program Investigators Workshop 2020. January 2020.

Little SE. *Effects of Diet Alterations, With or With Out Gut Microbial Transplants, on Bone Strength and Density.* Orthopaedic Research Society's International Musculoskeletal Biology Workshop. July 2019.

D. Abstracts (Published)

McGrath C, **Little-Letsinger SE**, Pagnotti GM, Sen B, Xie Z, Uzer G, Uzer GB, Zong X, Ehrmann BM, Wallace D, Styner MA, Rubin J, Styner M. Diet Stimulated Marrow Adiposity Fails to Worsen Early, Age-Related Bone Loss. *Journal of Bone and Mineral Research*. Poster Presentation, ASBMR Annual Meeting, Vancouver, BC. *October 2023*.

Little-Letsinger SE. Serum High Sensitivity C-Reactive Protein Poorly Predicts Bone Mineral Density: A NHANES 2017-2020 Analysis. *Medicine and Science in Sports and Exercise.* 2023 May; 55(6S). Poster Presentation, ACSM Annual Meeting.

Little-Letsinger SE, Trentadue TP, Schmitt D. The effect of gait compliance on loading in the lower limb. *Medicine and Science in Sports and Exercise.* 2022 May; 54(6S). Poster Presentation, ACSM Annual Meeting.

Little-Letsinger SE, Ramage M, McGrath C, Rubin J, Styner MA, Xie Z, Sen B, Diekman B, Styner M. Voluntary Exercise Effect on Bone and Marrow Adipocytes. *Journal of Bone and Mineral Research*. Vol. 27 (pg 237) Poster Presentation, ASBMR Annual Meeting, San Diego, CA. *October 2021*.

Little SE, Letsinger AC, Elizondo JP, Hogan HA, Lightfoot JT, Bloomfield SA. Effects of Diet Alterations, With or Without Fecal Microbiota Transplantations, on Bone Strength and Density. *Medicine and Science in Sports and Exercise*. 2020 May; 52(6S). Thematic poster presentation, ACSM Annual Meeting, Virtual.

Allaway HCM, Elizondo JP, **Little SE**, Hogan HA, Bloomfield SA. LARC Implant Use Does Not Exacerbate Bone Loss Associated With Hindlimb Unloading. *Medicine and Science in Sports and Exercise*. 2020 May; 52(5, Suppl). Poster presentation, ACSM Annual Meeting, Virtual.

Letsinger AC, Menon R, Granados JZ, Breidenbach BM, Nagel EC, Castro TN, **Little SE**, Jayaraman A, Lightfoot JT. The Gut Microbiome Modulates Diet's Effect on the Regulation of Physical Activity.

Medicine and Science in Sports and Exercise. 2019 May; 51 (6S):p 1001. Poster presentation, ACSM Annual Meeting, Orlando, FL.

Allaway HCM, **Little SE**, Hogan HA, Bloomfield SA. Impact of Long-acting Reversible Contraceptives On Bone Density During Simulated Microgravity. *Medicine and Science in Sports and Exercise*. 2019 May; 51 (6S). Poster presentation, ACSM Annual Meeting, Orlando, FL.

Little SE, Allaway HCM, Bokhari R, Wahl KL, Seidel DV, Turner ND, Ford JR, Suva L, Bloomfield SA. Can Acute Galactic Cosmic Radiation-Induced Bone Loss Be Mitigated By Dietary Modulation Of Inflammatory Cytokines? *Medicine and Science in Sports and Exercise*. 2019 May; 51 (6S). Poster presentation, ACSM Annual Meeting, Orlando, FL.

Vargas XS, Allaway HCM, **Little SE,** Bloomfield SA. Do Implantable, Progestin Only Contraceptives Alter the Bone Response to Unloading? *International Journal of Exercise Science*: Conference Proceedings. 2019 March; 2(11, Article 122). Poster presentation, Texas ACSM Annual Meeting, Fort Worth, TX.

Little SE, Allaway HCM, Bokhari R, Wahl KL, Seidel DV, Turner ND, Ford JR, Suva L, Bloomfield SA. Can Acute Galactic Cosmic Radiation-Induced Bone Loss Be Mitigated By Dietary Modulation Of Inflammatory Cytokines? *International Journal of Exercise Science*: Conference Proceedings. 2019 March; 2(11, Article 16). Poster presentation, Texas ACSM Annual Meeting, Fort Worth, TX.

Little SE, Hord JM, Rodriguez DA, Garcia-Villatoro EL, Garcia MM, Lawler JM. Mediation of the Translocation of nNOSμ During Unloading-Induced Atrophy of Skeletal Muscle via NOX2 Inhibition. *International Journal of Exercise Science*: Conference Proceedings. 2016 March; 2(8, Article 106). Poster presentation, Texas ACSM Annual Meeting, Texas A&M University, College Station, TX.

E. Abstracts (Unpublished)

Allaway HCM, Elizondo JP, **Little SE**, Hogan HA, Bloomfield SA. Use of physiologically equivalent LARC implants did not exacerbate bone loss associated with hindlimb unloading. *NASA Human Research Program Investigators Workshop,* Galveston, TX, January 2020.

Little SE, Letsinger AC, Elizondo JP, Allaway HCM, Hogan HA, Lightfoot JT, Bloomfield SA. Effects of Diet Alterations, With or With Out Gut Microbial Transplants, on Bone Strength and Density. *Orthopaedic Research Society's International Musculoskeletal Biology Workshop*, Sun Valley, ID, July 2019.

Little SE, Allaway HCM, Bokhari RS, Seidel DV, Wahl KL, Turner ND, Ford JR, Suva L, Bloomfield SA. Can acute galactic cosmic radiation-induced bone loss be mitigated by dietary modulation of inflammatory cytokines? *NASA Human Research Program Investigators Workshop*, Galveston, TX, January 2019.

F. Grants & Funding

$2,375,000 | **Principal Investigator** | NIH Director's New Innovator Award | *Submitted August 2025*.

$30,000 | **Principal Investigator** | Fellowship Grant – Faculty Level | Bethel Musculoskeletal Research Center & Orthopaedic Research Society | *Submitted March 2025 [Not Funded]*.

$1,500,000 | **Principal Investigator** | NIH Director's New Innovator Award | *Submitted August 2024 [Not Funded]*.

$20,000 | **Principal Investigator** | Fellowship Grant – Postdoctoral Level | Bethel Musculoskeletal Research Center & Orthopaedic Research Society | *Submitted July 2024 [Not Funded]*.

$934,200 | **Principal Investigator** | K99/R00 Pathway to Independence Award | National Institute of Arthritis, Musculoskeletal, and Skin Diseases | *Submitted October 2023 [Not Funded].*

$10,000 | **Principal Investigator** | ACSM Early Career Research Endowment | American College of Sports Medicine | *Funded March 2023*.

$1,004,327 | **Principal Investigator** | K99/R00 Pathway to Independence Award | National Institute of Arthritis, Musculoskeletal, and Skin Diseases | *Submitted November 2022 [Not Funded].*

$337,500 | **Principal Investigator** | KL2 Multidisciplinary Clinical Research Career Development Program | Institute of Translational Health Sciences | National Center for Advancing Translational Sciences | National Institutes of Health | *Submitted October 2022 [Not Funded].*

$8,000 | **Principal Investigator** | Duke Lemur Center Directors Fund | Duke University | Submitted September 2022 *[Not Funded].*

$500 | **Female Entrepreneur Cohort** | Propeller Program | First Flight Venture Center

$4,900 | **Co-Principal Investigator** | Arts and Sciences Research Council | Duke University | *Funded April 2022.*

$1500 | Harold M. Frost Young Investigator Award | Orthopaedic Research Society's International Musculoskeletal Biology Workshop | *Submitted April 2022 [Not Funded].*

$6,500 | **Co-Principal Investigator** | Duke Lemur Center Directors Fund | Duke University | *Funded March 2022.*

$918,963 | **Principal Investigator** | K99/R00 Pathway to Independence Award | National Institute of Arthritis, Musculoskeletal, and Skin Diseases | Submitted February 2022. *[Not Funded].*

$800 | Graduate Student Research Program Travel Grant | Huffines Institute for Sports Medicine & Human Performance | Texas A&M University | *Funded December 5, 2019*.

$1100 | **Principal Investigator** | Graduate Student Research Grant | College of Education and Human Development | Texas A&M University | *Funded October 11, 2019*.

$1000 | Alice L. Jee Young Investigator Award | Orthopaedic Research Society's International Musculoskeletal Biology Workshop | *Funded May 2019.*

$800 | Graduate Student Research Program Travel Grant | Huffines Institute for Sports Medicine & Human Performance | Texas A&M University | *Funded December 2018*.

$1500 | **Principal Investigator** | Graduate Student Research Grant | Huffines Institute for Sports Medicine & Human Performance | Texas A&M University | *Funded October 2018*.

$1000 | **Principal Investigator** | Graduate Student Research Grant | College of Education and Human Development | Texas A&M University | *Funded October 2018*.

$5000 | **Principal Investigator** | ACSM Foundation Doctoral Student Research Grant | American College of Sports Medicine | Submitted January 2018 [*Not Funded*].

$500 | Graduate Travel Award Grant | College of Education and Human Development | Texas A&M University | *Funded October 2017*.

G. Miscellaneous Writing

Little, SE. (March 2019). "Radiation: Bad to the Bone?", Huffines Institute for Sports Medicine and Human Performance Website. Texas A&M University.

Little, SE. (October 2018). "Molecular Transducers of Exercise-induced Muscle Hypertrophy: A Symposium Summary", American College of Sports Medicine Website.