*CURRICULUM VITAE*

*Updated: September 1, 2021*

**Joseph M. Kindler, PhD, CTR**

The University of Georgia

Department of Nutritional Sciences

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**ACADEMIC POSITIONS**

2020- The University of Georgia, Department of Nutritional Sciences

 Assistant Professor

2019-2020 Children’s Hospital of Philadelphia, Department of Pediatrics, Division of Adolescent Medicine,

Nutrition Fellow

2018-2020 The Children’s Hospital of Philadelphia, Department of Pediatrics, Division of Gastroenterology, Hepatology, and Nutrition

Research Postdoctoral Fellow

2017-2018 Purdue University, Department of Nutrition Science

Post-Doctoral Research Associate

2012–2017 The University of Georgia, Department of Foods and Nutrition

Graduate Research and Teaching Assistant

2010–2012 The Pennsylvania State University, Department of Kinesiology

Undergraduate Research Assistant

**EDUCATION**

2019-2020 The Children’s Hospital of Philadelphia, Philadelphia, Pennsylvania, USA

 Nutrition Fellow, Leadership Education in Adolescent Health Program (non-degree)

Advisor: Virginia A. Stallings, M.D., Endowed Chair, Division of Gastroenterology, Hepatology, and Nutrition

 Grade Point Average: Not applicable

2018-2019 The University of Pennsylvania, Perelman School of Medicine, Philadelphia, Pennsylvania, USA

 Certificate, Translational Research

Advisor: Babette Zemel, Ph.D. Research Professor, Department of Pediatrics, Division of Gastroenterology, Hepatology, and Nutrition

Grade Point Average: 3.85

2012–2017The University of Georgia, Athens, Georgia, USA

Doctor of Philosophy, Foods and Nutrition

Advisor: Richard Lewis, Ph.D., Professor, Department of Foods and Nutrition

Dissertation*:* Insulin resistance, insulin-like growth factor-I, and pediatric musculoskeletal development

Grade Point Average: 3.91

2008–2012 The Pennsylvania State University, University Park, Pennsylvania, USA

Bachelor of Science, Applied Nutritional Sciences, Schreyer Honors College, *Cum Laude*

Advisor: Nancy Williams, Ph.D., Professor, Department of Kinesiology

Thesis: Nutritional practices associated with low energy availability in Division I female soccer players

Grade Point Average: 3.86

**RESEARCH SUPPORT**

FUNDED GRANTS

**University of Georgia Obesity Initiative** (2020-2021)

Title: “Visceral Fat and Type 2 Diabetes-Related Cardiovascular Disease in Youth”

Award Number: None assigned

Research Grant

Role: Principal Investigator

Award Amount: $10,500 (over 1 year)

Award Start Date: October 8, 2020

**The Children’s Hospital of Philadelphia, Division of Adolescent Medicine** (2019-2020)

**US Health Resources and Services Administration**

LEAH Training Program

Award Number: T71MC30798

Principal Investigator: Carol A. Ford

Role: Nutrition Fellow

Stipend Amount: $8,766

Award Start Date: September 1, 2019

**American Diabetes Association** (2019-2022)

Title: “Bone Strength in Youth with Type 2 Diabetes”

Award Number: 1-19-PDF-129

Individual Postdoctoral Fellowship Award

Role: Principal Investigator

Award Amount: $176, 772 (over three years)

Award Start Date: July 1, 2019

**National Institutes of Health (NIH), NIDDK**

**Title: “Visceral Fat in Childhood: Patterning and Health Ramifications”**

**Award Number: F32DK120219**

**F32 (Individual Postdoctoral Fellowship Award)**

**Role: Principal Investigator**

**Award Amount: $130,756 (over two years)**

**Notice of Award Date: February 19, 2019**

***Award deferred***

**The University of Pennsylvania Perelman School of Medicine, Institute for Translational Medicine and Therapeutics (2018-2019)**

**NIH, National Center for Advancing Translational Sciences**

**Clinical and Translational Science Award**

**Award Number:** TL1TR001880

**Principal Investigators: Garret A. FitzGerald and Emma A. Meagher**

**TL1 (Institutional Postdoctoral Fellowship Award)**

**Role: TL1 Fellow**

**Award Amount: $72,954 (over one year)**

**Award Start Date: July 1, 2018**

**Endocrine Fellows Foundation (2018-2019)**

**Title: “Bone Health in Youth with Type 2 Diabetes”**

**Award Number: None assigned**

**Research Grant**

**Role: Principal Investigator**

**Award Amount: $5,000**

**Award Start Date: December 4, 2018**

**The University of Georgia (2016-2017)**

**Title: “**Insulin resistance, insulin-like growth factor-1, and pediatric musculoskeletal development”

**Award Number: None assigned**

**Dissertation Completion Award**

**Role: Recipient**

**Award Amount: $38,770**

**Award Start Date: August 1, 2016**

**The Coca Cola Company (2014-2017)**

**Title: The Impact of Obesity on Skeletal Health during the Growing Years**

**Award Number: None assigned**

**Principal Investigator: Richard D. Lewis**

**Research Grant**

**Role: Co-Investigator**

**Award Amount: $50,000**

**PENDING GRANTS**

**National Institute of Food and Agriculture, New Investigator Seed Grant**

Title: “Lifestyle Determinants of Cardiovascular Disease during the Adolescent-to-Adult Transition: A Mixed-Methods Study”

Role: Principal Investigator

Award Amount: $300,000 (over 2 years)

**AWARDS and HONORS**

* **Top Poster Presentation in Patient-Oriented Research**, CHOP Research Poster Day, Philadelphia, PA. *Award accompanied by $250 cash prize.* 2019.
* **Excellence in Research by Graduate Students Award in Professional and Applied Sciences,** University of Georgia Graduate School. *Award accompanied by $1,000 scholarship*. 2018.
* **Emerging Professional – Undergraduate Degree Award**, Alumni Society of the College of Health and Human Development, The Pennsylvania State University. 2017.
* **Young Investigator Award**, International Symposium on Nutritional Aspects of Osteoporosis (ISNAO), Hong Kong. *Award accompanied by a $1,000 travel stipend to attend the 10th ISNAO.* 2017.
* **President’s Award** for top abstract submitted by a student, American Society for Bone and Mineral Research (ASBMR) Annual Meeting, Atlanta, Georgia. *Award accompanied by $1,500 cash prize and plaque.* 2016.
* **Young Investigator Award** to attend the European Calcified Tissue Society Ph.D. Training Course, Sponsored by ASBMR, St. Catherine’s College, Oxford, United Kingdom. *Award accompanied by $2,200 stipend.* 2016.
* **Mary Creswell Research Fund Award**, University of Georgia’s College of Family and Consumer Sciences. *Award accompanied by $400 cash prize.* 2016.
* **Young Investigator Award** to attend the Determinants of Peak Bone Mass Workshop, Sponsored by ASBMR and NIH’s National Institute of Child Health and Human Development, Bethesda, MD. *Award accompanied by $500 stipend.* 2015.
* **Bess Dawson Hughes Best Poster Award**, 9th International Symposium on Nutritional Aspects of Osteoporosis, Montreal, CA. 2015.
* **Endsley-Peifer Student Research Award** for Outstanding Publication for Enhancing the Physical Quality of Life, University of Georgia’s College of Family and Consumer Sciences. *Award accompanied by $500 cash prize.* 2015.
* **Ruth Rowan Morrison Scholarship**, University of Georgia’s College of Family and Consumer Sciences. *Award accompanied by $3,000 scholarship.* 2015.
* **June and Bill Flatt Graduate Scholarship**, University of Georgia’s College of Family and Consumer Sciences. *Award accompanied by $3,000 scholarship.* 2014.
* **Mary Creswell Research Fund Award**, University of Georgia’s College of Family and Consumer Sciences. *Award accompanied by $300 cash prize.* 2014.
* **Graduate Student Poster Award**, Georgia Academy of Nutrition and Dietetics, Atlanta, GA. *Award accompanied by $150 cash prize.* 2013.

TRAVEL AWARDS

* **Travel Award**, ASBMR. $500 travel award to attend 2021 ASBMR Annual Meeting (San Diego, CA). 2021
* **Travel Award**, Endocrine Fellows Foundation. *Award accompanied by funding for round-trip travel/lodging to the Endocrine Fellows Foundation Diabetes Forum (Dallas, TX).* 2020.
* **Travel Award**, Endocrine Fellows Foundation/ASBMR. *Award accompanied by funding for round-trip travel/lodging to the Endocrine Fellows Forum and ASBMR Annual Meeting (Orlando, FL).* 2019.
* **New Investigator Award**, International Conference on Children’s Bone Health (ICCBH), Salzburg, Austria. *Award accompanied by a $900 travel stipend to attend the ICCBH meeting (Salzburg, Austria).* 2019.
* **Travel Award**, Endocrine Fellows Foundation/ASBMR. *Award accompanied by funding for round-trip travel/lodging to the Endocrine Fellows Forum and ASBMR Annual Meeting (Denver, CO).* 2017.
* **Postdoctoral Travel Grant**, Purdue University Graduate School. *Award accompanied by a $1,000 travel stipend to attend the 10th ISNAO (Hong Kong).* 2017.
* **Graduate Student Travel Award**, University of Georgia’s Department of Foods and Nutrition. *Award accompanied by $300 travel stipend.* 2017.
* **Graduate Student Travel Award**, University of Georgia’s Department of Foods and Nutrition. *Award accompanied by $300 travel stipend.* 2016.
* **Young Investigator Travel Award**, ASBMR Annual Meeting, Seattle, WA. *Award accompanied by $500 travel stipend.* 2015.
* **Foreign Travel Assistance Award**, University of Georgia’s Graduate School and Research Foundation. *Award accompanied by $450 travel stipend.* 2015.
* **Young Investigator Travel Award**, ASBMR Annual Meeting, Houston, TX. *Award accompanied by $500 travel stipend.* 2014.
* **Student Travel Award**, University of Georgia’s Graduate School. *Award accompanied by $300 travel stipend.* 2014.
* **Evelyn R. Harris Award**, University of Georgia’s College of Family and Consumer Sciences. *Award accompanied by $400 travel stipend.* 2013.

**PUBLICATIONS in PEER-REVIEWED JOURNALS**

ORIGINAL ARTICLES

1. Cousminer DL, Wagley Y, Pippin JA, Elhakeem A, Way GP, McCormack SE, Chesi A, Mitchell JA, **Kindler** **JM**, Baird D, Hartley A, Howe L, Kalkwarf HJ, Lappe JM, Lu S, Leonard M, Johnson ME, Hakonarson H, Gilsanz V, Shepherd JA, Oberfield SE, Greene CS, Kelly A, Lawlor D, Voight BF, Wells A, Zemel BS, Hankenson K, Grant SFA. Genome-wide association study implicates novel loci and reveals candidate effector genes for longitudinal pediatric bone accrual through variant-to-gene mapping. Genome Biology. 2021;10(1):17857. PMID: 33397451.
2. **Kindler JM,** Kelly A, Khoury PR, Katz L, Urbina EM, Zemel BS. Bone mass and density in youth with type 2 diabetes, obesity, and healthy weight. Diabetes Care. 2020;141:115576. PMID: 32778556.
3. **Kindler JM,** Mitchell EL, Piccoli DA, Grimberg A, Leonard MB, Loomes KM, Zemel BS. Bone geometry and microarchitecture deficits in children with Alagille syndrome. Bone. 2020;141:115576. PMID: 32791330.
4. **Kindler JM**, Lappe JM, Gilsanz V, Oberfield S, Shepherd JA, Kelly A, McCormack S, Chese A, Cousminer DL, Mitchell JA, Winer KK, Grant SFA, Kalkwarf HJ, Zemel BS. Pediatric reference ranges for ultradistal radius bone density: results from the Bone Mienral Density in Childhood Study. J Clin Endocrinol Metab. 2020;105(10):e3529-39. PMID: 32561914.
5. **Kindler JM**, Laing EM, Liu W, Dain JE, Lewis RD. Pentosidine is associated with cortical bone geometry and insulin resistance in otherwise healthy children. J Bone Miner Res. 2019;34(8):1446-1450. PMID: 31220375.
6. Cousminer DL, McCormack SE, Chesi A, Mitchell JA, **Kindler JM**, Kelly A, Voigt BF, Kalkwarf HJ, Lappe JM, Shepherd JA, Oberfield SE, Gilsanz V, Zemel BS, Grant SFA. Postmenopausal osteoporotic fracture-associated COLIA1 variant impact bone accretion in girls. J Bone Miner Res. 2019;121:221-226. PMID: 30711642.
7. **Kindler JM**, Lappe JM, Gilsanz V, Oberfield S, Shepherd JA, Kelly A, McCormack S, Chesi A, Cousminer DL, Mitchell JA, Winer KK, Grant SFA, Kalkwarf HJ, Zemel BS. Characteristics of lumbar spine bone mineral apparent density in children: results from the bone mineral density in childhood study. J Clin Endocrinol Metab*.* 2019;104(4):1283-1292. PMID: 30265344.
8. **Kindler JM**, Vogel KA, Martin BR, McCabe LD, Henry MC, Peacock M, Warden SJ, McCabe GP, Weaver CM. Adiposity, insulin resistance, and bone mass in adolescents. J Clin Endocrinol and Metab. 2019;104(3):892-899. PMID:30312423.
9. Coheley LM, **Kindler JM,** Laing EM, Oshri A, Hill-Gallant KM, Warden SJ, Peacock M, Weaver CM, Lewis RD. Whole egg consumption and cortical bone in healthy children. Osteoporosis Int. 2018;29(8):1783-1791. PMID: 29713797.
10. **Kindler JM**, Ross HL, Modlesky CM, Laing EM, Pollock NK, Singh H, Lewis RD. Obese versus normal-weight late-adolescent females have lower trabecular bone microarchitecture: a pilot case control study. Calc Tiss Int. 2017;101(5):479-488. PMID: 28710506.
11. Lobene AJ, **Kindler JM**, Pollock NK, Laing EM, Lewis RD. Zinc supplementation does not alter indicators of insulin secretion and sensitivity in black and white female adolescents. J Nutr. 2017;147(7):1296-1300. PMID: 28592518.
12. **Kindler JM**, Pollock NK, Laing EM, Oshri A, Jenkins NT, Isales CA, Hamrick MW, Ding K, Hausman DB, McCabe GP, Martin B, Hill-Gallant KM, Warden SJ, Weaver CM, Peacock M, Lewis RD. Insulin resistance and the IGF-1–cortical bone relationship in children ages 9-13 years. J Bone Miner Res. 2017;32(7):1537-1545. PMID: 28300329.
13. Giudici KV, **Kindler JM**, Martin BR, Laing EM, McCabe GP, McCabe LD, Hausman DB, Martini LA, Lewis RD, Weaver CM, Peacock M, Hill Gallant KM. Associations among osteocalcin, leptin and metabolic health in children ages 9-13 years in the United States. Nutr Metab (Lond). 2017;14:25. PMID: 28286536.
14. **Kindler JM**, Pollock NK, Laing EM, Jenkins NT, Oshri A, Isales C, Hamrick MW, Lewis RD. Insulin resistance negatively influences the muscle-dependent IGF-1-bone mass relationship in premenarcheal girls. J Clin Endocrinol Metab. 2016;101(1):199-205. PMID: 26574958.
15. **Kindler JM**, Goff HL, Laing EM, Modlesky CM, Pollock NK, Baile CA, Lewis RD. Load specific physical activity scores are related to tibia bone architecture. Int J Sport Nutr Exerc Metab. 2015;25(2):136-144. PMID: 25029040.
16. Reed JL, De Souza MJ, **Kindler JM**, Williams NI. Nutritional practices associated with low energy availability in Division I female soccer players. J Sports Sci. 2014;32(16):1499-1509. PMID: 24787233.

REVIEW ARTICLES and META ANALYSES

1. Fedewa MV, Bentley JL, Higgins S, **Kindler JM**, Esco MR, MacDonald HV. Celiac disease and bone health in children and adolescents: a systematic review and meta-analysis. J Clin Densitom. 2019. Epub ahead of print. PMID: 30833087.
2. **Kindler JM**, Lewis RD, Hamrick MW. Skeletal muscle and pediatric bone development. Curr Opin Endocrinol Diabetes Obes. 2015;22(6):467-474. PMID: 26414082.

BOOK CHAPTERS

1. Lobene AJ, Stone MS, **Kindler JM**, Bailey RL, McCabe LD, McCabe GP, Weaver CM. Minerals, Mineral Ratios, and Bone. In: Weaver, Daly, and Bischoff-Ferrari, Eds., Nutritional Aspects of Osteoporosis 2017, ICS 1297-Proceedings of the International Symposium on Nutritional Aspects of Osteoporosis, Nov 30-Dec 1, 2017, Hong Kong.
2. Lewis RD, **Kindler JM**, Laing EM. Obesity, Insulin Resistance, and Pediatric Bone. In: Weaver, Daly, and Bischoff-Ferrari, Eds., Nutritional Aspects of Osteoporosis 2015, ICS 1297-Proceedings of the International Symposium on Nutritional Aspects of Osteoporosis, June 17-20, 2015, Montreal, CA.

MANUSCRIPTS in REVIEW

1. **Kindler JM**, Khoury PR, Urbina EM, Zemel BS. Diet Quality and Bone Density in Youth with Healthy Weight, Obesity, and Type 2 Diabetes. In Progress.
2. **Kindler JM**, Xang D, Satler L, Ishikawa Y, Gallo S. Bone Density and Lean Mass in Youth with Pre-Diabetes vs. Normal Glucose Control. Calcified Tiss Int. In Review.
3. Higgins S, Zemel BS, Khoury PR, Urbina EM, **Kindler JM**. Abdominal visceral fat assessed via DXA and arterial stiffness in youth with healthy weight, obesity, and type 2 diabetes. Ped Obesity. In Review.
4. Zysman-Colmar Z, Munsar Z, **Kindler JM**, Stallings V, Zemel BS, Kelly A. An analysis of height adjustment methods for bone mineral density in youth with CF. Journal of Cystic Fibrosis. In Review.
5. **Kindler JM**, Guo M, Baker J, McCormack S, Armenian S, Zemel B, Leonard M, Mostoufi-Moab S. Musculoskeletal deficits in pediatric, adolescent, and young adult survivors of allgeneic hematopoietic stem cell transplantation. J Bone Miner Res. In Review.

MANUSCRIPTS in PROGRESS

1. Lei WS, Kilberg M, Kelly A, **Kindler JM**. Acute changes in bone metabolism following glucose consumption involve incretin and metabolic hormones in youth with cystic fibrosis. In Progress.
2. Kalkwarf HJ, **Kindler JM**, Lappe JM, Gilsanz V, Oberfield S, Shepherd JA, Kelly A, McCormack S, Chese A, Cousminer DL, Mitchell JA, Winer KK, Grant SFA, Zemel BS. Characteristics of lumbar spine trabecular bone score during the growing years: results from the bone mineral density in childhood study. In Progress.
3. Lance J, Zemel BS, Urbina EM, **Kindler JM**. Non-Linear Associations between BMI and Bone Density in Youth with Extreme Obesity.
4. Vajravelu ME, **Kindler J**, Zemel B, Jawad A, Koren D, Brar P, Brooks L, Reiner J, Levitt Katz LE. Visceral adiposity in obese adolescents is related to insulin sensitivity, overnight oxygen saturation and inflammation.
5. Welch ES, Zhang C, **Kindler JM**, McCully KK. Evaluation of Cortical Bone Metabolism using Near-Infrared Spectrospcopy in Healthy Adults.

**PRESENTATIONS**

INVITED PRESENTATIONS

1. Nutrition, Physical Activity, and Bone Health. 2021 ASBMR Annual Meeting. San Diego, CA. October 2, 2021. \**Session moderator*
2. Type 2 Diabetes and Peak Bone Mass. Emory University Medical Center, Division of Endocrinology, Weekly Seminar Series. Atlanta, GA. September 21, 2020
3. Bone Health in Youth-Onset Type 2 Diabetes. 2020 ASBMR Annual Meeting, Nutrition Working Group. Seattle, WA. September 11, 2020.
4. Bone Health in Youth-Onset Type 2 Diabetes. Endocrine Fellows Foundation Diabetes Forum. Dallas, TX. February 22-23, 2020.
5. Bone Mineral Density: Advanced Interpretation in Athletic Injury Management. Food and Nutrition Conference and Expo. Philadelphia, PA. October 28, 2019.
6. Bone and Body Composition in Youth-Onset Type 2 Diabetes. Drexel University, Department of Nutrition Science Seminar Series. October 15, 2019.
7. Clinical Nutrition Research in Infants and Toddlers: Links between Dairy Intake and Bone Health/Body Composition. The 6th Better Foods for Better Health (Childhood Nutrition: Building a Healthy Life) Conference, Veyrier-du-Lac, France. March 21, 2018.
8. Exercise and Sedentary Behavior. 10th International Symposium on Nutritional Aspects of Osteoporosis. Hong Kong. November 30, 2017. \**Session moderator*

ORAL PRESENTATIONS AT SCIENTIFIC MEETINGS

1. Bone Health in Alagille Syndrome. Children’s Hospital of Philadelphia Metabolism, Nutrition, and Physical Development Research Affinity Group Symposium. Philadelphia, PA. January 21, 2020. Kathleen Loomes, M.D., co-presenter.
2. Bone geometry and microarchitecture deficits in children with Alagille syndrome. 9th International Conference in Children’s Bone Health (oral poster session). Salzburg, Austria. June 22-25, 2019.
3. Characteristics of ultradistal radius bone density during childhood: results from the bone density in childhood study. 9th International Conference in Children’s Bone Health (oral poster session). Salzburg, Austria. June 22-25, 2019.
4. Trabecular bone development in overweight versus healthy-weight females: an 18-month prospective study. 10th International Symposium on Nutritional Aspects of Osteoporosis, Hong Kong. November 29, 2017.
5. Do the timing and rate of bone mass acquisition differ between overweight and healthy-weight females? An 18-month prospective study. ASBMR Annual Meeting, Pediatric Bone and Mineral Working Group, Denver, CO. September 9, 2017.
6. IGF-1-dependent musculoskeletal development is blunted in adolescents with insulin resistance: a 5-year prospective study. ASBMR Annual Meeting, Concurrent Oral Session on Bone Acquisition and Pediatric Bone Disorders, Atlanta, GA. September 17, 2016.
7. The muscle-dependent link between IGF-1 and cortical bone is suppressed in children with insulin resistance. ASBMR, Pediatric Bone Mineral Working Group, Atlanta, GA. September 18, 2016.
8. Insulin resistance, IGF-1 and cortical bone in American children. European Calcified Tissue Society Ph.D. Training Course, Oxford, United Kingdom. July 4, 2016.
9. The effect of insulin resistance on the cortical bone–IGF-1 relationship in children. ASBMR Annual Meeting, Oral Poster Session, Seattle, WA. October 9, 2015. \*Presented by RD Lewis instead due to extenuating circumstance.
10. Insulin resistance and bone strength in children. ASBMR Annual Meeting, Bone Strength Working Group, Houston, TX. September 14, 2014.
11. Total body and visceral adipose tissue and bone architecture in female adolescents. University of Georgia Obesity Initiative Imaging Conference, Athens, GA. June 12, 2014.

ABSTRACTS

1. **Kindler JM,** Zhan D, Sattler ELP, Ishikawa Y, Chen X, Gallo S. Bone density in youth with pre-diabetes: results from the National Health and Nutrition Examination Survey, 2005-2006. ASBMR Annual Meeting. San Diego, CA. 2021.
2. Munsar Z, Zysman-Colman Z, **Kindler JM**, Stallings V, Zemel B, Kelly A. Bone mineral density height adjustment in youth with cystic fibrosis. North American Cystic Fibrosis Conference. Virtual Meeting. October 7, 2020.
3. Cousminer DL, McCormack SE, Way GP, Chesi A, Mitchell JA, **Kindler JM**, Kalkwarf HJ, Lappe JM, Hakonarson H, Hankenson K, Gilsanz V, Shepherd JA, Oberfield SE, Greene C, Voight BF, Zemel BS, Grant SFA. Longitudinal genome-wide association study of pediatric bone accrual highlights links between pediatric bone gain and later-life fracture risk. The International Society for Developmental Origins of Human Disease. Melbourne, Australia. October 20, 2019.
4. Cousminer DL, Wagley Y, Pippin JA, Way GP, McCormack SE, Chesi A, Mitchell JA, **Kindler JM**, Kalkwarf HJ, Lappe JM, Johnson ME, Hakonarson H, Gilsanz V, Shepherd JA, Oberfield SE, Greene CS, Voight BF, Wells AD, Zemel BS, Hankenson KD, Grant SFA. Longitudinal geome-wide association study identifies novel loci and functional follow-up implicates putative effector genes for pediatric bone accrual. American Society for Human Genetics. Houston, TX. October 15, 2019.
5. **Kindler JM**, Kelly A, Khoury PR, Urbina EM, Zemel BS. Bone Density in Children and Young Adults with Type 2 Diabetes, Obesity, and Healthy Weight. American Society for Bone and Mineral Research Annual Meeting. Orlando, FL. September 22, 2019.
6. **Kindler JM**, Kelly A, Khoury PR, Urbina EM, Zemel BS. Bone Density and Visceral Adiposity in Youth with Type 2 Diabetes, Obesity, and Healthy Weight. Endocrine Fellows Foundation, 13th Fellows Forum on Metabolic Bone Disease. Orlando, FL. September 21, 2019.
7. Cousminer DL, Wagley Y, McCormack SE, Way GP, Chesi A, Mitchell JA, **Kindler JM**, Kalkwarf HJ, Lappe JM, Johnson ME, Pippin JA, Hakonarson H, Gilsanz V, Shepherd JA, Oberfield SE, Greene CS, Voight BF, Wells AD, Zemel BS, Hankenson K, Grant SFA. Longitudinal genome-wide association study implicates novel loci and candidate genes for pediatric bone accrual. ASBMR Annual Meeting. Orlando, FL. September 21, 2019.
8. **Kindler JM,** Mitchell EL, Piccoli DA, Grimberg A, Leonard MB, Loomes KM, Zemel BS. Bone geometry and microarchitecture deficits in children with Alagille syndrome. 9th International Conference in Children’s Bone Health. Salzburg, Austria. June 22-25, 2019.
9. **Kindler JM**, Lappe JM, Gilsanz V, Oberfield S, Shepherd JA, Kelly A, McCormack S, Chese A, Cousminer DL, Mitchell JA, Winer KK, Grant SFA, Kalkwarf HJ, Zemel BS. Characteristics of ultradistal radius bone density during childhood: results from the bone density in childhood study. 9th International Conference in Children’s Bone Health. Salzburg, Austria. June 22-25, 2019.
10. **Kindler JM**, Kelly A, Khoury PR, Urbina EM, Zemel BS. Bone Density and Visceral Adiposity in Youth with Type 2 Diabetes, Obesity, and Healthy Weight. Children’s Hospital of Philadelphia Research Poster Day. Philadelphia, PA. May 21, 2019.
11. **Kindler JM**, Lappe JM, Gilsanz V, Oberfield S, Shepherd JA, Kelly A, Winer KK, Kalkwarf HJ, Zemel BS. Comparison of Methods to Address Short Stature-Related Artifacts on Childhood Bone Density. University of Pennsylvania Biomedical Postdoctoral Council Annual Symposium. Philadelphia, PA. November 5, 2018.
12. **Kindler JM** et al. Do the timing and rate of bone mass acquisition differ between overweight and healthy-weight females? An 18-month prospective study. ASBMR Annual Meeting, Denver, CO. September 9, 2017.
13. **Kindler JM**, Liu W, Dain JE, Laing EM, Lewis RD. Pentosidine, an advanced glycation end product, is a negative predictor of cortical bone geometric endpoints in children. Experimental Biology Meeting, Chicago, IL, April 26, 2017.
14. **Kindler JM** et al. The muscle-dependent link between IGF-1 and cortical bone is suppressed in children with insulin resistance. ASBMR Annual Meeting, Welcome Reception/Plenary Poster Session & General Poster Session, Atlanta, GA. September 16/17, 2016.
15. **Kindler JM** et al. Insulin Resistance Negatively Influences the Muscle-Dependent Relationship between IGF-1 and Bone Mass in Pre-Menarcheal Girls. Experimental Biology Meeting, San Diego, CA, April 2016.
16. Lobene AJ, **Kindler JM**, Pollock NK, Laing EM, Lewis RD. Zinc Supplementation, Beta Cell Function, Insulin Secretion, and Insulin Resistance in Black and White Female Adolescents. Experimental Biology Meeting, San Diego, CA, April 2016.
17. Coheley LM, Laing EM, **Kindler JM**, Oshri A, Lewis RD. Egg Consumption and Mid-Radius Cortical Bone in Children. Experimental Biology Meeting, San Diego, CA, April 2016.
18. Belcher SL, **Kindler JM**, Ross HL, Modlesky CM, Laing EM, Pollock NK, Lewis RD. Comparison of MRI and DXA for Measurement of Visceral Adipose Tissue. Experimental Biology Meeting, San Diego, CA, April 2016.
19. **Kindler JM** et al. The effect of insulin resistance on the cortical bone-IGF-1 relationship in children. ASBMR- Annual Meeting and Welcome Reception/Plenary Poster Session and General Poster Session, Seattle, WA. October 9/10, 2015.
20. **Kindler JM** et al. The effect of insulin resistance on the cortical bone-IGF-1 relationship in children. 9th International Symposium on Nutritional Aspects of Osteoporosis. Montreal, CA. June 17, 2015.
21. **Kindler JM** et al. Insulin resistance and bone strength in children. Southeastern Conference (SEC) Symposium, Atlanta, GA. September 22, 2014. \*Presented by RD Lewis instead due to extenuating circumstance.
22. **Kindler JM** et al. Insulin resistance and bone strength in children. ASBMR Annual Meeting and Pre-meeting Symposium, The Effects of Diabetes and Disordered Energy Metabolism on Skeletal Health, Houston, TX. September 12, 2014.
23. **Kindler JM** et al. Relationships between total body and regional adiposity and cortical and trabecular architecture in late adolescent females. ASBMR Annual Meeting and Pre-Meeting Symposium, The Effects of Diabetes and Disordered Energy Metabolism on Skeletal Health, Houston, TX. September 12, 2014.
24. **Kindler JM** et al. Relationships between total body and regional adiposity and skeletal architecture in late adolescent females. Georgia Academy of Nutrition and Dietetics, Annual Conference and Exhibit. Atlanta, GA. March 20, 2014.
25. **Kindler JM** et al. Physical activity is related to cortical but not trabecular architecture in young women. ASBMR Annual Meeting. Baltimore, MD. October 10, 2013.
26. Park HJ, Hausman DB, da Silva V, Kauwell GPA, **Kindler JM**, Lewis RD, Bailey LB. Body Composition Impacts the Serum Response to an Acute Folic Acid Dose in Women of Child Bearing Age. Obesity Society, Atlanta, GA. October 2013.
27. **Kindler JM** et al. The relationships between bone-specific physical activity questionnaires and magnetic resonance imaging-derived measures of bone strength. Georgia Academy of Nutrition and Dietetics, Annual Conference and Exhibit. Stone Mountain, GA. March 20, 2013.
28. **Kindler JM**, Reed JL, De Souza MJ, Williams NI. The nutritional habits of Division I female soccer players throughout the competitive season. The Pennsylvania State University, Department of Kinesiology, Schreyer Honors College Undergraduate Thesis Symposium. University Park, PA. May 3, 2012.
29. **Kindler JM**, Reed JL, De Souza MJ, Williams NI. The effects of hydration status on athletic performance in Division I female soccer players. The Pennsylvania State University, Department of Kinesiology, Schreyer Honors College Undergraduate Thesis Proposal Symposium. University Park, PA. May 5, 2011.

**TEACHING EXPERIENCE**

2021-present Instructor

 The University of Georgia

 FDNS 2100, “Human Nutrition and Food”

 Semesters: Spring 2021

2020-present Instructor

 The University of Georgia

 FDNS 4510/6510, “Nutrition Throughout the Lifecycle”

 Semesters: Fall 2020, Fall 2021

2019 Case Conference Leader, “Relative Energy Deficiency in Sport (RED-S)”

Children’s Hospital of Philadelphia, Division of Adolescent Medicine, LEAH Program

 Clinical Case Conference

2015-2016 Teaching Assistant

 The University of Georgia

FDNS 4050/6050, Fall Semester, Optimal Nutrition for the Lifespan

Instructor: Dr. Alex Anderson

 Guest Lecturer, “*Conditions and Interventions during Adolescence and Sport*”

 The University of Georgia

FDNS 4050/6050, Fall Semester, Optimal Nutrition for the Lifespan

Instructor: Dr. Alex Anderson

Guest Lecturer, “*Musculoskeletal Ramifications of Spaceflight*”

 The University of Georgia

FDNS 2100, Fall and Summer Semesters, Human Nutrition and Food

Instructor: Dr. Emma Laing

Guest Lecturer, “*Musculoskeletal Ramifications of Spaceflight*”

 The University of Georgia

FDNS 4220/6220, Spring Semester, Nutrition in Physical Activity, Exercise & Sport

Instructor: Dr. Emma Laing

2013 Guest Lecturer*, “Vitamin D: The Sunshine Nutrient”*

Athens/Clarke County Wellness Program, Athens, GA

2011 Guest Lecturer***,*** *“Nutrition and Exercise for Active Children”*

Minitab Inc. Children’s Health Camp, University Park, PA

**STUDENT MENTORSHIP**

POST-DOCTORAL MENTEES

2020 – 2021 Dr. Meghan Shirley, Ph.D.

 Children’s Hospital of Philadelphia

Division of Gastroenterology, Hepatology, and Nutrition

\*Co-Mentor with Dr. Babette Zemel

2021 – 2022 Dr. Hamza, M.D.

 Children’s Hospital of Philadelphia

 Division of Endocrinology

 \*Co-Mentor with Dr. Babette Zemel

DOCTORAL MENTEES

2021 – Wang Shin (Ann) Lei

 The University of Georgia

Department of Nutritional Sciences

MASTER’S MENTEES

None

UNDERGRADUATE MENTEES

2020 – Julia Lance

 The University of Georgia

Department of Nutritional Sciences

Center for Undergraduate Research Opportunities (CURO) Scholar

**GRADUATE COMMITTEES**

DOCTORAL

Mary Catherine Prater, University of Georgia, Nutritional Sciences

Primary Mentor: Jamie Cooper

Date of Graduation: In progress

Asma Altasan, Drexel University, Nutrition Sciences

Primary Mentor: Deeptha Sukumar

Date of Graduation: In progress

MASTER’S

Justin Lane, University of Georgia, Physiology and Pharmacology

 Primary Mentor: Paul Eubig

 Date of Graduation: May 2021

**SERVICE ACTIVITIES**

INSTITUTIONAL COMMITTEES

2021- Committee member, University of Georgia’s College of Family and Consumer Sciences Peer Review of Teaching Committee

2015-2017 Committee member, University of Georgia’s Department of Foods and Nutrition Award Program

PROFESSIONAL ORGANIZATIONS AND COMMITTEES

2019- Fundraising Chair, Early Career Nutrition Interest Group, American Society for Nutrition

At-Large Delegate (2018-2019)

2015- Member, American Society for Nutrition

2016- Member, Endocrine Society

2012- Member, American Society for Bone and Mineral Research

2012-2017 University of Georgia Foods and Nutrition Graduate Student Organization

*President (2014-2015), Member (2012-present)*

2011- Member, Academy of Nutrition and Dietetics Association

2010-2012 Member, Penn State Student Nutrition Association

2009-2010 Member, Penn State Lion Ambassadors

REVIEWER OF GRANTS

Kaul Pediatric Research Institute, University of Alabama Birmingham, Competitive Grant Program

REVIEWER OF MANUSCRIPTS FOR SCIENTIFIC JOURNALS

Applied Physiology, Nutrition, and Metabolism

Bone

Calcified Tissue International

Clinical Epidemiology

Genes and Nutrition

Hepatology

International Journal of Environmental Research and Public Health

JBMR Plus

Journal of Clinical Endocrinology and Metabolism

Journal of Nutrition

Journal of Pediatric Gastroenterology & Nutrition

Nutrients

Nutrition Research Reviews

Pediatrics

Pediatrics and International Child Health

Plos One

RESEARCH SERVICE AGREEMENTS

2020 – 2021

University of Georgia Athletic Association, Inc.

Scope of Service: Provide bone and body composition evaluations of University of Georgia athletes for sports nutrition/medicine personnel

Term: November 2, 2020 to June 30, 2021

Cost: $5,000

2021 – 2022

University of Georgia Athletic Association, Inc.

Scope of Service: Provide bone and body composition evaluations of University of Georgia athletes for sports nutrition/medicine personnel

Term: July 1, 2021 to June 30, 2022

Cost: $8,175