

**Melinda S. Sothern, Ph.D., C.E.P.****Professor (tenure)  
Clinical Exercise Physiologist****I. EDUCATION:**

University of New Orleans New Orleans, LA	Ph.D.	1997	Exercise Physiology/Curriculum & Instruction
University of New Orleans New Orleans, LA	M.Ed.	1991	Exercise Physiology
University of New York Regents College New York, NY	B.S.	1990	Arts and Sciences
Nicholls State University Thibodaux, LA	B.A.	1989	Health and Physical Education

**II. PROFESSIONAL EXPERIENCE:**

7/2012 to 2014	Academic Program Director, Behavioral and Community Health Sciences (BCHS), School of Public Health (SPH), Louisiana State University Health Sciences Center (LSUHSC)
11/2010 to present	Jim Finks Endowed Chair of Health Promotion and Professor (tenure) BCHS, SPH, LSUHSC
9/2006 to present	Professor (tenure), BCHS, SPH, LSUHSC
6/2004 to present	Director, Section of Health Promotion and Associate Professor of Research, BCHS, SPH, LSUHSC, Adjunct Associate Professor of Research: Department of Pediatrics, LSUHSC, New Orleans, LA, Department of Human Ecology, LSU, Baton Rouge, LA; Division of Health and Performance Enhancement, LSU Pennington Biomedical Research Center, Baton Rouge, LA
7/2003 to 6/2004	Director, Prevention of Childhood Obesity Laboratory and Associate Professor of Research, Pennington Biomedical Research Center, Louisiana State University. Adjunct Associate Professor of Research, Department of Pediatrics, Louisiana State University School of Medicine, New Orleans, LA, Department of Human Ecology, Louisiana State University, Baton Rouge, LA
9/2000 to 7/2003	Director, Prevention of Childhood Obesity Laboratory and Assistant Professor of Research, Pennington Biomedical Research Center, Louisiana State University, Adjunct Assistant Professor of Research and Director, Section of Pediatric Obesity Clinical Research, Division of GI Nutrition, Louisiana State University School of Medicine, New Orleans, LA.
1997 to 9/2000	Assistant Professor of Research and Director, Section of Pediatric

Obesity Clinical Research, Division of GI Nutrition, Louisiana State University School of Medicine, New Orleans, LA.  
Adjunct Assistant Professor, Pennington Biomedical Research Center  
Baton Rouge, LA

- 1991 to 1997      Instructor, Division of GI Nutrition, Louisiana State University School of Medicine, New Orleans, LA
- 1991 to present      Clinical Exercise Physiologist (CEP), Louisiana State Board of Medical Examiners
- 1991 to present      Department of Pediatrics, Louisiana State University Medical Center, New Orleans, LA.
- 1990 to 1991      Corporate Health and Fitness Director, Pan American Life Insurance Co., New Orleans, LA.

### **III. PROFESSIONAL ORGANIZATION MEMBERSHIPS**

#### **a. Memberships in Professional Societies and Associations:**

1. American College of Sports Medicine
2. The Obesity Society (North American Association for the Study of Obesity)
3. Louisiana State Association of Clinical Exercise Physiologists

### **IV. GRANTS AND CONTRACTS:**

#### **a. Research Grants and Clinical Contracts Funded:**

##### **1. Research Grants, funded:**

#### **A. Title: *A Social Marketing Intervention Designed to Increase Fruit and Vegetable Purchases***

Funding Agency: National Institutes of Health (NIH)/National Institute on Minority Health and Health Disparities (NIMHD) RFA-TCC-15-001: Pilot Study U54MD008176; Amount funded: \$200,000.

PI: Henry Nuss PhD, LSUHSC, School of Public Health

**Co-PI/Mentor: Sothern**, PhD, LSUHSC, School of Public Health

Dates of Proposed project: 08/01/2015-07/31/2017

#### **B. Title: *Molecular and Social Determinants of Obesity and Metabolic Disorders in Developing Youth***

Funding Agency: National Institutes of Health (NIH)/National Institute on Minority Health and Health Disparities (NIMHD); Amount funded: \$649,312.

**PI: Melinda S. Sothern**, PhD, LSUHSC, School of Public Health

Co-Investigator: Jovanny Zabaleta, PhD, LSUHSC, Department of Genetics

Dates of Proposed project: 10/2013-09/2016

#### **C. Title: *Obesity & Asthma: Determinants of Inflammation and Effect of Intervention***

Funding Agency: National Institutes of Health (NCMHD); Amount funded: \$948,942.

**PI: Melinda S. Sothern**, PhD, LSUHSC, School of Public Health

Co-Investigator: Jovanny Zabaleta, PhD, LSUHSC, Department of Genetics  
Project Number: RFA-MD-09-005 (Sothorn)  
Dates of Proposed project: 05/16/10-02/28/15  
Annual Direct Costs: \$183,297

**D. Title: *Obese Women may pass pro-inflammatory biomarkers through breast milk to infant.***

Funding Agency: National Institutes of Health/NIDDK Nutrition and Obesity Research Center, Pennington Biomedical Research Center, Baton Rouge, LA.  
PI: Henry Nuss, PhD, LSUHSC, School of Public Health  
**Co-Investigator/Mentor:** Melinda S. Sothorn, PhD, LSUHSC, School of Public Health  
Notice of Award: 02-12-2014, \$36,000 (direct).

**E. Title: *Constraining Outdoor Play Reduces Physical Activity and Promotes Obesity and Cardiovascular Disease***

Award Type: American Heart Association: GSA Winter 2014 One Year Pre-doctoral Fellowship  
**PI/Mentor:** Melinda S. Sothorn, LSUHSC, School of Public Health  
AHA Award Number: 14PRE19700021  
Period Start Date: 7/1/2014 and End Date: 6/30/2015  
Total Amount: \$26,000

**F. Title: *A Pilot Study of an Intervention to Reduce Sugary Drink Consumption among Black Preschool Children***

Funding Institution: LSUHSC School of Public Health Seed Award  
P.I.: Tung Sung Tseng, PhD, LSUHSC, School of Public Health  
**Co-Investigator/Mentor: Melinda S. Sothorn, PhD, LSUHSC, School of Public Health**  
Total Amount: \$10,000

**G. Title: *Community-Academic Partnership to Address Health Disparities in New Orleans***

Funding Agency: National Institutes of Health (NCMHD): Amount funded: \$998,218.  
PI: John Estrada, MD, PhD, LSUHSC, School of Medicine, Department of Pediatrics  
**Co-Investigator: Melinda S. Sothorn, PhD, LSUHSC, School of Public Health**  
Project Number: 1R24MD008121-01 (Estrada)  
Dates of Proposed project: 01/01/2013 - 12/31/2015  
Annual Direct Costs: \$257,658.

**H. Title: *Mechanisms for the Metabolic Syndrome in Prepubertal African American and Caucasian Youth***

Funding Agency: National Institutes of Health/National Institute of Child Health and Human Development (NICHD)  
**PI: Melinda S. Sothorn, PhD, LSUHSC, School of Public Health /PBRC**  
Amount funded: \$1,799,438 (direct) – March, 2005 – 2012

**I. Title: *An Intervention to Promote Environmental Changes in Pre-school Centers***

**to Prevent Childhood Obesity (NAP SACC)**

Funding Agency: Louisiana Office of Public Health Maternal and Child Health

**PI: Melinda S. Sothorn**, PhD, LSUHSC, School of Public Health /PBRC

Amount funded: \$382,441(direct) – 2-year-award (June 2010 - 2012)

**J. Title: *Insulin Sensitivity in African American and Caucasian Children with Low Birth Weight***

Funding Agency: National Institutes of Health (NICHD).

**PI: Melinda S. Sothorn**, PhD, LSUHSC, School of Public Health /PBRC

Amount funded: \$780,000 (direct) – 2-year-award (2004-2006)

**K. Title: *Anthropometric Assessment of Abdominal Obesity and Health Risk in Children and Adolescents***

Funding Agency: National Institutes of Health/National Institute of Digestive and Kidney Diseases (NIDDK); Challenge Grant

PI = Peter Todd Katzmarzyk, PHD

**Co-Investigator: Melinda S. Sothorn**, PhD

Amount funded: \$499,960 (direct) – 2-year award 2009 – 2011

**L. Title: *Environmental Determinants of Physical Activity in Parks***

Funding Agency: National Institutes of Health/U.S. Centers for Disease Control

PI: Ariane L. Bedimo-Rung, PhD, LSUHSC, School of Public Health

**Co-PI and Mentor: Melinda S. Sothorn**, PhD, LSUHSC, School of Public Health

Amount Requested: \$750,000 (direct), 2004 - 2008 (4 years)

**M. Title: *Training translational researchers in Louisiana (COBRA)***

Funding Agency: National Institutes of Health

PI: Ochoa, Augusto

**Co-Mentor: Melinda S. Sothorn**, PhD, LSUHSC, School of Public Health

Mentee: Lauren Keely Carlisle, MD, MS, LSUHSC, Pediatrics

Amount funded: \$6,100,000 (total) – 6-year award (2005-2011)

**N. Title: *Measurement of Sedentary Behavior in African American Adults (K01)***

Funding Agency: National Institutes of Health/National Heart, Lung and Blood Institute (NHLBI)

PI: Robert Newton, PhD

**Co-Mentor: Melinda S. Sothorn**, PhD, LSUHSC, School of Public Health

Amount funded: \$350,000(total) 5 year award (7/1/2007 to 6/30/2012)

**O. Title: *LA Health***

Funding Agency: National Institutes of Health

PI: Donald Williamson, PhD, Pennington Biomedical Research Center (PBRC)

**Consultant: Melinda S. Sothorn**, PhD, LSUHSC, School of Public Health /PBRC

Amount funded: \$2,100,000 (total) – 4-year-award (2006-2010)

**P. Title: *LA Gear Up***

Funding Agency: United States Department of Agriculture

PI: Donald Williamson, PhD, Pennington Biomedical Research Center (PBRC)

**Consultant: Melinda S. Sothorn**, PhD, LSUHSC, School of Public Health /PBRC

Amount funded: \$400,000 (direct) – 4-year-award (2004-2006)

**Q. Title: RFA: *Increasing Physical Activity Patterns in Adolescent Youth: the TAAG Study***

Funding Agency: National Institutes of Health

PI: Larry Weber, PhD, Tulane

**Co-Investigator: Melinda S. Sothern**, PhD, LSUHSC, School of Public Health  
Amount funded: \$6.5 million (direct) – 6 year-award. (2000-2006)

**R. Title: *Treatment of overweight and obese youth in New Orleans: Comparing two methods of weight loss in youth from low-income backgrounds.***

Funding Agency: Pediatric Grants Committee of the Department of Pediatrics at Louisiana State University Health Sciences Center and the Research Institute of Children's Hospital,

PI: Jodi Kamps, PhD, Children's Hospital, LSUHSC, Pediatrics

**Co-Investigator: Melinda S. Sothern**, PhD, LSUHSC, School of Public Health  
Amount funded: \$ 14,000.00; (2005-2007)

**S. Title: *Environmental Approaches for the Prevention of Weight Gain: The Wise Mind Study***

Funding Agency: National Institutes of Health

PI: Donald Williamson, PhD, LSU PBRC

**Co-Investigator: Melinda S. Sothern**; LSUHSC, School of Public Health/PBRC  
Amount requested: \$250,000 (direct) - 3-year-award (2003-2005)

**T. Title: *Health Values and Treatment of Pediatric Type 2 Diabetes***

Funding Agency: National Institutes of Health/U.S. Centers for Disease Control

PI: Erin Rhodes, MD, MPH, Harvard Medical School, Boston, MA

Co-Investigator: David Ludwig, MD, PhD, Harvard Medical School, Boston, MA

**PI/Collaborator: Melinda S. Sothern**, PhD, LSUHSC School of Public Health

**U. Title: *State of Louisiana Senate Concurrent Resolution No. 153 Childhood Obesity Report***

Funding Agency: State of Louisiana Department of Health and Hospitals

**PI: Melinda S. Sothern**, PhD, LSU PBRC

Amount requested: \$37,450 (direct) – 1-year-award (2003-2004)

**V. Title: FDA Trial: *A 12-Month Study to Assess the Safety and Efficacy of Meridia® (Sibutramine Hydrochloride Monohydrate) 10 and 15 mg in Obese Adolescents, Protocol Number: SB-238***

Funding Agency: Knoll-BASF Pharmaceuticals

**PI: Melinda S. Sothern**, PhD, LSUHSC/PBRC

Co-Investigator – Mark Loftin, PhD, FACSM, UNO

Co-Investigator– Lauren Keely Carlisle, MD, LSUHSC

One-year award for 1 site study – \$250,000.00 (2000-2002)

**W. Title: FDA Trial: *A 12-Month Study to Assess the Safety and Efficacy of Meridia® (Sibutramine Hydrochloride Monohydrate) 10 and 15 mg in Obese Adolescents, Protocol Number: SB-238***

Funding Agency: Knoll-BASF Pharmaceuticals

PI – Stewart Gordon, MD, LSUHSC/PBRC

**Co-Investigator: Melinda S. Sothern**, PhD, PBRC/LSUHSC  
Co-Investigator – Frank Greenway, MD, PBRC  
One-year award for 1 site study – \$250,000.00 (2000-2002)

**X. Title: *Unrestricted gift for research and development to the Pediatric Obesity Clinical Research Section***

Funding Agency: Nestle USA

**PI : Melinda S. Sothern**, PhD, LSUMC

Co- Investigator – John Udall, MD, PhD, LSUMC

Co- Investigator - Mark Loftin, PhD, FACSM, UNO

Six-month award - \$74, 366.00 (1998-1999)

**Y. Title: *Unrestricted gift for research and development of foreign junior faculty to conduct research in the Pediatric Obesity Clinical Research Section***

Funding Agency: Nestle, International

Foreign Junior Faculty: Maria Torres, MD, School of Medicine, University of Valparaiso, Valparaiso, Chile

**Advisor: Melinda S. Sothern**, PhD, LSUMC

Co-Advisor – John Udall, MD, PhD, LSUMC

Six month award: \$25,000.00 (1998-1999)

**Z. Title: *LSUMC Affiliation Enhancement Committee Award***

Pediatric Weight Management Intervention – Baton Rouge, LA

Funding Agency: State of Louisiana

**PI: Melinda S. Sothern**, PhD, LSUMC

One-year award - \$72,300.00 (1995-1996)

**AA. Title: *LSUMC Affiliation Enhancement Committee Award***

Pediatric Weight Management Intervention – Lafayette, LA

Funding Agency: State of Louisiana

**PI: Melinda S. Sothern**, PhD, LSUMC

One-year award - \$72,300.00 (1996-1997)

**2. Research Grants, submitted**

**A. Title: *The Grenada Intervention Study: Identifying Mechanisms in Support of Sustainable Diet and Physical Activity Behaviors in Black Adolescent Females***

Funding Institution: NIH/NINR / RFA PA14-177; 1 R01 NR016246-01

**PI: Melinda S. Sothern, PhD**

Submitted: June, 2015; in revision

**B. Title: *Living ART: Metabolic implications of in vitro fertilization in children***

Funding Institution: National Institutes of Health/1 R01 HD084394-01 PAR14-272

PI: Leanne Redman, PhD

**Co-PI: Melinda S. Sothern, PhD**

Re-submitted October, 2015

**C. Title: *Living ART: Metabolic implications of in vitro fertilization in children***

**Funding Institution: National Institutes of Health/1 R01 HD084394-01 PAR14-272**

PI: Leanne Redman, PhD  
**Co-PI: Melinda S. Sothorn, PhD**  
Submitted October, 2014. In Revision

**D. Title: Determining Obesogenic Factors: A Developmental Multi-Level Approach**

Funding Institution: National Institutes of Health/NINR/OBSSR PA-14-177:

PI: Richard Scribner, PhD

**Co-PI: Melinda S. Sothorn, PhD**

Submitted October, 2014. In Revision

**C. Title: *Breast Feeding and Inflammatory Biomarkers Translate to Obesity in Childhood.***

Funding Institution: National Institutes of Health/NICHD:

Exploratory/Developmental Research Grant Program (Parent R21).

PI: Henry Nuss, PhD

**Co-PI/Mentor: Melinda S. Sothorn, PhD**

Submitted January 2014. In Revision

**D. Title: *Breastfeeding, Inflammatory Biomarkers Translate to Asthma in Childhood.***

Funding Institution: NIH Small Research Grant Program (Parent R03).

**Co-PI/Mentor: Melinda S. Sothorn, PhD**

Notice of Award: Submitted October 2013. Revised and re-submitted.

**E. Title: *Generation NeXt: Systems-Policy Change to Reduce Health Disparities in Women and Offspring.***

Funding Agency: U.S. Centers for Disease Control: RFA-DP-14-001Health Promotion and Disease Prevention Research Center,

Co-PI: Melinda S. Sothorn, PhD

Co-PI/Director: Donna Williams, PhD

Co-PI: Sarah Moody-Thomas, PhD

In revision

**F. Title: *A preschool center and home based intervention to reduce sugary beverage consumption in black youth.***

Funding Agency: NIH / NIMHD (National Institute on Minority Health and Health Disparities [small RO1])

PI: Tung SungTseng

**Co-PI/Mentor: Melinda S. Sothorn, PhD**

In revision

**G. Title: *Prevention of Childhood Obesity Educational Curriculum in Young Children***

Funding Agency: NIH and AHEC

**Co-PI: Melinda S. Sothorn, PhD**

Revised and re-submitted

**H. Title: *A Combined Intervention to Implement Obesity Prevention Curriculum and Alter Environments and Policy (NAPSACC) in Elementary School Children***

Funding Agency: NIH and AHEC

Co-PI: Melinda S. Sothorn, PhD

Submitted to AHEC (never submitted to NIH due to submission error)

**I. Title: Statewide Implementation of NAPSACC in Louisiana Preschool Day Care Centers**

Funding Agency: Blue Cross/Blue Shield

**Co-PI: Melinda S. Sothern, PhD**

Submitted and unfunded

**J. Clinical Contracts, funded:**

**West Jefferson Medical Center**

Pediatric Weight Management Intervention

Program Director - Melinda S. Sothern, PhD, LSUMC

Medical Director – John Udall, MD, PhD., LSUMC

Four-year contract amount: \$270,000.00 (1997-2000)

**Children's Hospital**

Pediatric Weight Management Intervention

Program Director - Melinda S. Sothern, PhD, LSUMC

Medical Director - John N. Udall, MD, PhD., LSUMC

One-year contract amount: \$60,000.00

**Children's Hospital and the State of Louisiana**

Exercise Intervention to Improve Glycemic Control in children with Diabetes

Clinical Exercise Physiologist – Melinda S. Sothern, PhD, LSUMC

One-year contract amount: \$9,000.00 (1999-2000)

**Children's Hospital**

Pediatric Weight Management Intervention

Program Director - Melinda S. Sothern, PhD, LSUMC

Medical Director - John N. Udall, MD, PhD., LSUMC

Four-year contract amount: \$240,000.00 (1993-1996)

**V. HONORS AND AWARDS:**

1. Allen A. Copping Excellence in Teaching Award, LSUHSC, School of Public Health, New Orleans, LA, May, 2014.
2. Outstanding Alumna, University of New Orleans, College of Education and Human Development, Department of Human Performance and Health Promotion, February, 2014
3. Scientific Advisory Board Member, Windward Islands Research and Education Foundation (WINDREF) St. George's University (SGU), School of Medicine, Grenada, July 2011 to present
4. Recipient of the Jim Finks Endowed Chair of Health Promotion, LSU Health Sciences Center, New Orleans, LA, November, 2010
5. Oded Bar Or Award for Excellence in Pediatric Obesity Research, The Obesity Society, Pediatric Obesity Section, Washington, D.D., October 25, 2009.
6. Cecil J. Picard Award for Excellence in Education to Prevent Childhood Obesity – Louisiana Council on Obesity Prevention and Management, September, 2008.
7. Selected as one of the top ten achieving women professionals in New Orleans by New Orleans Magazine, July, 2008.
8. U.S. Surgeon General Award for community dissemination of Trim Kids Pediatric Weight



Management program into YMCA centers, May, 2008.

9. Delta Omega Honorary Society in Public Health: Faculty inductee for outstanding public health performance in scholarship, teaching, research and publications, October, 2007
10. Southeast American College of Sports Medicine Distinguished Lecturer, Fall, 2007
11. Elected NAASO Council member, November, 2004.
12. Selected to provide lectures for the North American Association for the Study of Obesity (NAASO) Distinguished Scholar Series, August, 2004.
13. Dr. Vane Wilson Award in recognition of excellent work and service in the field of human performance and health promotion, University of New Orleans, New Orleans, LA, May, 2000.
14. Louisiana State Board of Regents – Certificate of Academic Excellence, December, 1989

## **VI. PUBLICATIONS**

### **a. In Print**

#### **(1) \* ---- Original publications in peer-review journals:**

1. Loftin, M., **Sothern, M.**, Abe, T., Bonis, M., Expression of VO<sub>2</sub>peak in Children and Youth with Special Reference to Allometric Scaling, *Sports Medicine*, Epub ahead of press.
2. Kepper, M., **Sothern, M.**, Zabaleta, J., Ravussin, E., Velasco-Gonzalez, C., Leonardi, C., Griffiths, L., Park, C., Estrada, J., Scribner, R. Pre-pubertal children exposed to concentrated disadvantage: An exploratory analysis of biomarkers of inflammation and metabolic dysfunction, *Obesity*, ePub ahead of print.
3. Pelligrino, N., Zaitzow, B., **Sothern, M.**, Scribner, R., Phillippi, S. Incarcerated Black Women in the Southern USA: A Narrative Review of STI and HIV Risk and Implications for Future Public Health Research, Practice, and Policy *Journal of Racial and Ethnic Health Disparities*; pp 1-10; First online: 23 December 2015
4. Kepper, M., Tseng, T., Volaufova, J., Scribner, R., Nuss, H., **Sothern, M.** *Pre-school obesity is inversely associated with vegetable intake, grocery stores and outdoor play. Pediatric Obesity*, 2015; doi:10.1111/ijpo.12058.
5. Zabaleta, J., Velasco-Gonzalez, C., Estrada, J., Ravussin, E., Pelligrino, N., Mohler, M., Larson-Meyer, E., Boulares, H., Powell-Young, Y., Bennett, B., Happel, K., Cefalu, W., Scribner, R., Tseng, T., **Sothern, M.** *Inverse correlation of inflammatory markers with metabolic parameters in healthy, Black and White pre-pubertal youth. International Journal of Obesity*, 2014, 38, 563–568; doi:10.1038/ijo.2013.220.
6. Powell-Young, Y., Zabaleta, J., Velasco-Gonzalez, C., **Sothern, M.** *A Cohort Study Evaluating the Implications of Biology, Weight Status and Socioeconomic Level on Global Self-esteem Competence among Female African-American Adolescents, Journal of the National Black Nurses Association*, 2014, 24(1), 1-8.
7. Dentre, K., Beals, K., Crouter, S., Eisenmann, J., McKenzie, T., Pate, R., Saelens, b., Sisson, S., Spruijt-Metz, D., **Sothern, S.**, Katzmarzyk, P. *Results From the United States' 2014 Report Card on Physical Activity for Children and Youth, Journal of Physical Activity and Health*, 2014, 11(Supp 1) S105-112. <http://dx.doi.org/10.1123/jpah.2014-0184>.
8. Tseng TS, Park JY, Zabaleta J, Moody-Thomas S, **Sothern MS**, Chen T, Evans DE, Lin HY. Role of nicotine dependence on the relationship between genetic variants and risk of lung adenocarcinoma. *PLoS One*. 2014 Sep 18;9(9):e107268. doi: 10.1371/journal.pone.0107268.
9. Bonis, M., Loftin, M., Ward, D., Lewis, L., Volaufova, J., Tseng, T., Clesi, A., Mohler, M., Arguello, A., Sothern, M., Increased Physical Activity by Accelerometry in Pre-school

- Daycare Centers Following Implementation of the NAPSACC Program, *Childhood Obesity*, 2014, 10(4): 334-341.
10. Broyles, S., Staiano, A., Drazba, K., Gupta, A., **Sothorn, M.**, Katzmarzyk, P. *Elevated C-reactive Protein in Children from Risky Neighborhoods: Evidence for a Stress Pathway Linking Neighborhoods and Inflammation in Children*, *PLoS ONE* (2012) 7(9):e45419. doi:10.1371/journal.pone.0045419.
  11. Williamson DA, Champagne CM, Harsha DW, Han H, Martin CK, Newton RL Jr, **Sothorn MS**, Stewart TM, Webber LS, Ryan DH. *Effect of an environmental school-based obesity prevention program on changes in body fat and body weight: a randomized trial*. *Obesity* (Silver Spring). 2012 Aug;20(8):1653-61. doi: 10.1038/oby.2012.60. Epub 2012 Mar 8. PMID:22402733
  12. LeBlanc, M., Martin, C., Han, H., Newton, R. Jr, **Sothorn, M.**, Webber, L., et. al. (2012). *Adiposity and physical activity are not related to academic achievement in school-aged children*. *Journal of Developmental & Behavioral Pediatrics*, 2012, 33(6): 486–494; doi: 10.1097/DBP.0b013e31825b849e
  13. Bennett, B, Larson-Meyer, E, Ravussin, R, Volaufova, J, Soros, A, Cefalu, W, Chalew, S, Gordon, S, Smith, S, Newcomer, B, Goran, M, **Sothorn M.** *Impaired Insulin Sensitivity and Elevated Ectopic and Visceral Fat in Obese Versus Non-Obese Healthy Prepubertal Children*, *Obesity*, 2011, (E-10.1038/oby.2011.264)
  14. Larson-Meyer, E., Newcomer, B., Ravussin, E., Volaufova, J., Bennett, B., Chalew, S. Cefalu, W., and **Sothorn M.** *Intrahepatic and Intramyocellular Lipid are Determinants of Insulin Resistance in Pre-pubertal Children*, *Diabetologia*, 2011, 54 (4): 869-75.
  15. Krishnapuram, R, Dhurandhar, E., Dubuisson, O, Kirk-Ballard, H., Bajpeyi, S, Butte, N., **Sothorn, M**, et al., *A Template to Improve Glycemic Control without Reducing Adiposity or Dietary Fat*. *American Journal of Physiology - Endocrinology and Metabolism*, 2011 (E-00703-2010R1).
  16. Newton RL, Han H, **Sothorn M**, Webber, L., Ryan DH & Williamson, DA. *Accelerometry measured ethnic differences in activity in rural adolescents*. *Journal of Physical Activity and Health*, 2011, 8(2):287-95.
  17. Affuso, O, Stevens, J, Catellier, D. McMurray, R. Ward, D., Leslie, L. **Sothorn, M.** Young D. *Validity of self-reported leisure-time sedentary behavior in adolescents*. *J Negat Results Biomed*, 2011; 10:2 (E-10.1186/1477-5751-10-2).
  18. Larson-Meyer, DE., Newcomer, BR., VanVrancken-Tompkins, CL., **Sothorn, MS.** *Feasibility of assessing muscle and liver lipid in prepubertal children*. *Diabetes Technology and Therapeutics*, 2010, 12(3): 207-212.
  19. Newton RL, Han H, Anton S, Martin CK, Stewart TM, Lewis L, Champagne C, **Sothorn M**, Ryan DH & Williamson, DA. *An environmental excess weight gain prevention program in African American students: a pilot study*. *American Journal of Health Promotion*, 2010, 24: 340-343.
  20. Rung, A., Broyles, S., Mowen, A., Gustat, J., **Sothorn, M.** *Escaping to and Being Active in Neighborhood Parks: Park Use in a Post-Disaster Setting*, *Disasters: The Journal of Disaster Studies, Policy and Management*, 2011;35(2):383-403. (April 2011).
  21. Tompkins, CL., Cefalu, Ravussin, E., Goran, M., Soros, A., Volaufova, J., Vargas, A., **Sothorn, MS.** *Feasibility of Frequently Sampled Intravenous Glucose Tolerance Testing Prior to Puberty*; *International Journal of Pediatric Obesity*, 2009 Jul 4: 1747-7174.
  22. Loftin, M., **Sothorn, M.**, Tuuri, G., Tompkins, C., Koss, C. and Marc Bonis M. *Gender Comparison of Physiologic and Perceptual Responses in Recreational Marathon Runners*, *International Journal of Sports Physiology and Performance*, 2009; 4:307-316.
  23. Williamson, D. A., Champagne, C. M., Han, H., Harsha, D., Martin, C. K., Newton, R. L., Ryan, D. H., **Sothorn, M. S.**, Stewart, T. M., & Webber, L.S., 2009; *Increased obesity in*

- children living in rural communities of Louisiana. International Journal of Pediatric Obesity* 4, 160-165.
24. Bedimo-Rung AL, Thomson JL, Mowen AJ, Gustat J, Tompkins BJ, Strikmiller PK, **Sothorn MS**. *The Condition of Neighborhood Parks Following Hurricane Katrina: Development of a Post-Hurricane Assessment Instrument. Journal of Physical Activity and Health*. 2008; 5:45-57.
  25. Loftin, M., **Sothorn**, M., Koss, C., Tuuri, G., Vanrancken, C., Kontos, A., Bonis, M. *Energy expenditure and influence of physiologic factors during marathon running, Journal of Strength and Conditioning Research*, 2007; 21(4), 1188-1191.
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  27. Loftin, M. Nichols, J., Going, S., **Sothorn**, M., Schmitz, K., Ring, K., Georgianna Tuuri, G., Stevens, J. *Comparison of the Validity of Anthropometric and Bioelectric Impedance Equations to Assess Body Composition in Adolescent Girls. International Journal of Body Composition Research*, 2007; 5-1:1-8.
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1. Ziwei Song, Tung-Sung Tseng, Li-Ju Lai, Hu, Chih-yang, Melinda **Sothorn**, Myopia

- Diagnosis is Associated with Obesity in Adolescents in Taiwan. (in review)
2. Lauren Griffiths, BA; Tung Sung Tseng, PhD, Maura Mohler, MPH; Jovanny Zabaleta, PhD; Richard Scribner, MD, MPH; Cruz Velasco-Gonzalez, PhD; Olivia Affuso, PhD; Henry Nuss, PhD, Meg Skizim, BA; Nicole Pelligrino, MPH; Claudia Leonardi, PhD; John Estrada, MD; Hamid Boulares, PhD; Melinda **Sothorn**, PhD Maternal Body Mass Index Is Associated with Offspring's Nutritional Intake Measured by 24-Hour Recall, Childhood Obesity (in review).
  3. Richard Scribner MD, MPH; Roger Radix MD, Christal Radix MPH, Rebecca Andall MD, Naomi Andall MD, Rhoda Frank, Trevor Noel PhD, Melinda Sothorn PhD. Overweight and Obesity among Grenadian Adolescents: An Epidemiologic Transition in Progress? Obesity (in review).
  4. Meg Skizim; Ondrej Blaha; Jonathan Joseph; Lauren Griffiths; Kaitlin Hanken; Christine Breland; Melinda Sothorn, PhD; Henry Nuss, PhD, The Growing Healthy Roots: Raising Awareness of Farmers' Markets in Food Deserts in New Orleans, Louisiana. (in review)
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## (2) Books

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## (3) Chapters in books and articles in refereed journals, refereed bulletins, and refereed proceedings.

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#### (4) Other publications

##### a) Abstracts (A selection of 46 of a total of 140):

1. Ziwei Song, Tung-Sung Tseng, Li-Ju Lai, Hu, Chih-yang, Melinda Sothorn, Myopia Diagnosis is Associated with Obesity in Adolescents in Taiwan. *Obesity*, 2015.
2. Lauren Griffiths, BA; Tung Sung Tseng, PhD, Maura Mohler, MPH; Jovanny Zabaleta, PhD; Richard Scribner, MD, MPH; Cruz Velasco-Gonzalez, PhD; Olivia Affuso, PhD; Henry Nuss, PhD, Meg Skizim, BA; Nicole Pelligrino, MPH; Claudia Leonardi, PhD; John Estrada, MD; Hamid Boulares, PhD; Melinda Sothorn, PhD Maternal Body Mass Index Is Associated with Offspring's Nutritional Intake Measured by 24-Hour Recall, *Obesity*, 2015.
3. Meg Skizim; Ondrej Blaha; Jonathan Joseph; Lauren Griffiths; Kaitlin Hanken; Christine Breland; Melinda Sothorn, PhD; Henry Nuss, PhD, The Growing Healthy Roots: Raising Awareness of Farmers' Markets in Food Deserts in New Orleans, Louisiana. *Obesity*, 2015.
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5. Richard Scribner MD, MPH; Roger Radix MD, Christal Radix MPH, Rebecca Andall MD, Naomi Andall MD, Rhoda Frank, Trevor Noel PhD, Melinda Sothorn PhD. Overweight and Obesity among Grenadian Adolescents: An Epidemiologic Transition in Progress? *Obesity*, 2015.

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9. Scribner, R., Leonardi, C., Yu, Q., Li C., Pelligrino N., **Sothorn**, M. Social determinants of metabolic dysregulation in the NHANES: Explaining an effect for race. *Obesity*. 2014.
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1. Zabaleta J, Happel K, Velasco-Gonzalez C, Skizim M, Griffiths L, Pelligrino, N, Uddo R, Tseng T, Nuss H, Kepper M, Powell-Young Y, Maronge J, Cornwell K, Boulares H, **Sothorn, M.** Asthma status modifies systemic but not lung-specific inflammatory response following caloric restriction or exercise in African American female adolescents. Obesity Society's Annual Scientific Meeting; 2016; New Orleans, LA. (Under Review).
2. Tseng TS, Lin HY, Griffiths L, **Sothorn, M.** Cancer status, obesity, and sugar intake from sugar-sweetened beverages (SSB): NHANES 2003-2012. The Obesity Society's Annual Meeting, New Orleans, LA October 31 - November 4, 2016 (Under review).
3. Kepper, M. Scribner, R. Broyles, S. Katzmartyk, P. **Sothorn, M.** Perceptions of collective efficacy are inversely related to constrained outdoor play practices among parents of adolescents with high levels of obesity and poor cardiometabolic outcomes. *Obesity*

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4. Nuss, HJ, **Sothorn**, M., Duhe, A., Redman, L. Relative proportions of energy-yielding nutrients differ from pregnancy to postpartum between normal and overweight/obese breastfeeding mothers. Obesity Society's Annual Scientific Meeting; 2016; New Orleans, LA. (Under Review).
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#### **b) Published educational material**

1. **Sothorn**, M., Suskind, R., von Almen, T., Schumacher, H. Lachney C. (1993). Committed to Kids ® pediatric weight management program: A four-phase, multi-disciplinary approach to the prevention and treatment of childhood obesity. New Orleans, LA.

#### **(5) Papers Presented at Professional Meetings (73 of a total of 165):**

1. Cahill, L., Fisher, K., Robinson, W., Zabaleta, J., Peligrino, N., Uddo, R., Kepper, M., Griffiths, L., Skizim, M., Maronge, J., Scribner, R., & **Sothorn**, M. (2016). Obesity and Neighborhood Disadvantage Increase Asthma Risk in African American Female Adolescents. Presented at UAB Health Disparities Research Symposium in Birmingham, AL, April 2016.
2. Kepper, M., **Sothorn**, M., Theall, K., Griffiths, L., Scribner, R., Tseng, T.-S., Schaettle, P., Cwik, J., Felker-Kantor, E., & Broyles S. (2016). Using Google Street View to systematically observe neighborhood environments at high spatial resolution: a feasible and reliable method. Presented at UAB Health Disparities Research Symposium in Birmingham, AL, April 2016.
3. Cahill, L., Fisher, K., Robinson, W., Zabaleta, J., Uddo, R., Kepper, M., Griffiths, L., Skizim, M., Maronge, J., Scribner, R., & **Sothorn**, M. (2016). Obesity and Neighborhood Disadvantage Increase Asthma Risk in African American Female Adolescents. Presented at UAB Health Disparities Research Symposium in Birmingham, AL, April 2016
4. Ziwei Song, Tung-Sung Tseng, Li-Ju Lai, Hu, Chih-yang, Melinda **Sothorn**, Myopia Diagnosis is Associated with Obesity in Adolescents in Taiwan. Obesity, The Obesity Society, Los Angeles, CA, November, 2015.
5. Lauren Griffiths, BA; Tung Sung Tseng, PhD, Maura Mohler, MPH; Jovanny Zabaleta, PhD; Richard Scribner, MD, MPH; Cruz Velasco-Gonzalez, PhD; Olivia Affuso, PhD; Henry Nuss, PhD, Meg Skizim, BA; Nicole Pelligrino, MPH; Claudia Leonardi, PhD; John Estrada, MD; Hamid Boulares, PhD; Melinda **Sothorn**, PhD Maternal Body Mass Index Is Associated with Offspring's Nutritional Intake Measured by 24-Hour Recall, Obesity, The Obesity Society, Los Angeles, CA, November, 2015.
6. Meg Skizim; Ondrej Blaha; Jonathan Joseph; Lauren Griffiths; Kaitlin Hanken; Christine Breland; Melinda **Sothorn**, PhD; Henry Nuss, PhD, The Growing Healthy Roots: Raising Awareness of Farmers' Markets in Food Deserts in New Orleans, Louisiana. The Obesity Society, Los Angeles, CA, November, 2015.
7. Nicole Pelligrino, MPH; Jovanny Zabaleta, PhD; Cruz Velasco-Gonzalez, PhD; Robert Uddo, MPH; Alexandria Augustus, MPH; Amanda Arguello, MPH, RD; Maura Mohler, MPH; Lauren Griffiths; Meg Skizim; Jacob Maronge; Henry Nuss, PhD; Yolanda Powell-Young, PhD; Richard Scribner, MD, MPH; Hamid Boulares, PhD; John Estrada, MD; Melinda **Sothorn**, PhD Birth Weight Moderates the Relationship between Maternal Pregnancy

- Weight and Inflammation in Black Adolescent Females, The Obesity Society, Los Angeles, CA, November, 2015.
8. Richard Scribner MD, MPH; Roger Radix MD, Christal Radix MPH, Rebecca Andall MD, Naomi Andall MD, Rhoda Frank, Trevor Noel PhD, Melinda **Sothorn** PhD. Overweight and Obesity among Grenadian Adolescents: An Epidemiologic Transition in Progress? The Obesity Society, Los Angeles, CA, November, 2015.
  9. Maura Mohler, MPH; Claudia Leonardi, PhD; Richard Scribner, MD, MPH; Cruz Velasco-Gonzalez, PhD; Jovanny Zabaleta, PhD; Chi, Li, mGeog; Nicole Pelligrino, MPH; Lauren Griffiths; Meg Skizm; John Estrada, MD; Melinda Sothorn, PhD The influence of physical activity and race on the relationship between obesity, metabolic health and neighborhood disadvantage in pre-pupertal children, The Obesity Society, Los Angeles, CA, November, 2015.
  10. **Sothorn** M, Zabaleta J, Velasco-Gonzalez C, Pelligrino N, Happel K, Miller R, Skizim M, Griffiths L, Uddo R, Tseng T, Nuss H, Mohler M, Augustus A, Arguello A, Brown M, Powell-Young Y, Maronge J, Boulares H, Estrada J. Alterations in metabolic health and inflammation following diet, exercise or combined behavioral interventions based on Social Cognitive Theory: A randomized, controlled trial. International Society of Behavioral Nutrition and Physical Activity 2015 Scientific Meeting, Edinburgh, Scotland, June 3-6, 2015.
  11. Pelligrino, N., Velasco-Gonzalez, C., Zabaleta, J., Miller, R., Skizim, M., Tseng, T., Mohler, M., Happel, K., Scribner, R., Estrada, J., **Sothorn**, M. Nutrition plus exercise promotes positive alterations in total body fat among obese black adolescent females in New Orleans, Louisiana. (Submitted) American Public Health Association Annual Meeting, Chicago, IL, October 31-November 4, 2015.
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  26. Powell-Young, Y.M., **Sothorn, M.**, Velasco-Gonzalez, C, Zabaleta, J. (Accepted). Pilot assessment of polymorphic variation by ancestry in obesity risk genes: implications for pediatric research and personalized intervention. Caribbean Exploratory Research Center's 6th Annual Health Disparities Institute, St. Thomas, Virgin Islands, USA, 2013.
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  28. Mohler, M., Volaufova, J., Tseng, T.S., Scribner, R., Nuss, H., and **Sothorn, M.** Preschool obesity is inversely associated with outdoor play, vegetable intake and grocery store access. Presented at the Society for Public Health Education's (SOPHE) 64th Annual Meeting, Orlando, FL, April, 2013.
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  30. Pelligrino, N. **Sothorn, M.** High risk of sexually transmitted infection and human immunodeficiency virus in incarcerated black women in the southern United States: Implications for future public health research, practice and policy. International Journal of Health, Wellness and Society, San Paulo, Brazil, March, 2013.
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  67. Carlisle, L., Gordon, S., Loftin, M., Udall, J. **Sothorn**, M. Birth Weight among Severely Overweight Youth: Differences by Race and Gender, North American Association for the Study of Obesity, Fort Lauderdale, FL, October, 2003.
  68. **Sothorn**, M., VanVrancken, C., Loftin, M., Volaufova, J., Reed, J., Singley, C., & Udall, J. Adult/child differences in the physiologic response to submaximal weight-bearing exercise in individuals with increasing obesity levels. North American Association for the Study of Obesity, Quebec City, Quebec, November, 2001.
  69. **Sothorn**, M., VanVrancken, C., Schumacher, H., Carlisle, L., Gordon, S., Reed, J., Singley, C., Udall, J. A controlled comparison of high protein, low carbohydrate diets with different daily calories levels in severely obese children. North American Association for the Study of Obesity, Quebec City, Quebec, November, 2001.
  70. **Sothorn**, M, Loftin, JM, Tuuri, G., & Udall, J. A comparison of skinfold analysis and dual energy x-ray absorptiometry (DEXA) in female youth with increasing levels of obesity. *Medicine and Science in Sports and Exercise*, 2000; 32(5): S338.
  71. **Sothorn**, M., Udall, J., Suskind, R., Vargas, A., Blecker, U. Weight loss and growth velocity in obese youth after very low calorie diet, exercise and behavior modification. World Congress of Pediatric Gastroenterology, Hepatology and Nutrition, August, 2000.
  72. **Sothorn**, M., Brown, R., Suskind, R., Udall, J & Blecker, U. Racial differences in the lipid profiles of obese children and adolescents before and after significant weight loss. World Congress of Pediatric Gastroenterology, Hepatology and Nutrition, August, 2000.
  73. Torres, M., Van Vrancken, C., Tuuri, G., Udall, J., & **Sothorn**, M. Influence of obesity on bone mineral density, bone mineral content, bone area, lean and fat mass in U.S. Caucasian adolescents. World Congress of Pediatric Gastroenterology, Hepatology and Nutrition, August, 2000, (POSTER OF DISTINCTION).

\*----Submitted for Review

## **VII. INVENTIONS AND PATENTS (indicate granted or pending)**

N/A

## **VIII. SERVICE:**

### **a. Committee Assignments:**



**3. Local:**

- A. State Alliance of YMCA's – Trim Kids Pediatric Weight Management Program dissemination, November, 2008-to present
- B. Greater New Orleans Region YMCA's – Trim Kids Pediatric Weight Management Program dissemination, July 2007 to present.
- C. Scientific Consultant: Louisiana State Senate – Senator Paulette Irons,
- D. Scientific Consultant: Louisiana State House of Representatives
- E. Scientific Consultant, Adolescent School Health Program, Louisiana State Office of Public Health
- F. Volunteer after school exercise instructor – New Orleans Public Schools
- G. Volunteer instructor for New Orleans Public Schools Physical Education teachers: How to exercise obese children safely and effectively.
- H. Vice-president and founder, Metairieville Civic Association, Metairie, LA. 1999 to 2001.

**4. Institution – University Service:**

- A. Member, Institutional Review Board, LSUHSC Clinical Translational Research Center, 2010 to present.
- B. Academic Program Director, Behavioral and Community Health Sciences Program, LSUHSC, School of Public Health, July, 2012 to 2014.
- C. Member, Research Committee, LSUHSC, School of Public Health, July, 2012 to present.
- D. LSUHSC, School of Public Health Grant Seekers Faculty Program Facilitator, July 2012 to present.
- E. Member, Promotion and Tenure Committee, LSUHSC, School of Public Health, May 2008 to 2012.
- F. Member, Curriculum and Evaluation Committee, LSUHSC, School of Public Health, August, 2004 to 2007 and 2008-2009.
- G. Chair and Member, Curriculum and Evaluation Committee, Department of Behavioral and Community Health, LSUHSC, School of Public Health, February, 2005 to present
- H. Member, Student Admissions Committee, Department of Behavioral and Community Health, LSUHSC, School of Public Health, February, 2005 to present
- I. Member, Advisory Board, The Wellness Place, LSUHSC, School of Public Health, April, 2005 to present
- J. Member, Faculty Recruitment Committee, LSUHSC, School of Public Health, August, 2004 to present
- K. Co-Mentor, *Training translational researchers in Louisiana (COBRA)*: Lauren Keely Carlisle, MD, MS, Stanley S. Scott Cancer Center, LSUHSC, June, 2004 to present
- L. Participant, Cancer Center's Epidemiology, Prevention and Control (EPC) program, June, 2004 to present
- M. Faculty Member: LSUHSC, Department of Pediatrics, Division of GI Nutrition, Fellowship Program, June, 2004 to present.
- N. Faculty Member: LSUHSC, Department of Pediatrics, Division of Endocrinology, Fellowship Program, June, 2004 to present.
- O. Adjunct Faculty Member: Clinical Nutrition Research Unit, Pennington Biomedical Research Center, November, 2004 to present.
- P. Supervision of post doctoral nutrition fellowship for the Department of Pediatrics, LSUHSC
- Q. Supervision of practicum students and graduate assistants for the Department of Human

- Performance and Health Promotion University of New Orleans – 1992 to present.
- R. Supervision of internships of graduate students from the Department of Kinesiology, University of Minnesota, Minnesota, MN, 2000 to present.
  - S. Supervision of graduate students from the Department of Kinesiology, Louisiana State University, Baton Rouge, LA. 1998 to present.
  - T. Supervision of graduate students from the Department of Kinesiology, Northwestern University, 1999 to present.
  - U. Member, Search Committee – Associate Vice Chancellor of Research, LSUHSC, July, 2005 to 2007.

**b. Grant Reviewing:**

1. National Institutes of Health (NIH), 2014/ ZDK1 GRB-6 O3 1, Psychosocial Issues and Bariatric Surgery, 2015
2. National Institutes of Health (NIH), Special Emphasis Panel, 2013/ZRG1 EMNR-2 (02) Member Conflict Special Emphasis Panel meeting, Diane Camp, Ph.D. SRO
3. National Institutes of Health (NIH), Special Emphasis Panel, 2011/ZRG1 RPHB-Q (90), Monica A. Basco, Ph.D. SRO
4. National Institutes of Health (NIH), Clinical and Integrative Diabetes and Obesity Study Section, February, 2010/NIDDK/CIDO. Nancy Sheard
5. National Institutes of Health (NIH), Challenge Grants, August, 2009
6. National Institutes of Health (NIH) Center for Scientific Review Special Emphasis Panel 2008/NIDDK- RO1DK Adolescent Bariatric Surgery Ancillary Studies. CG Robinson
7. National Institutes of Health (NIH) Center for Scientific Review Special Emphasis Panel 2008/NIDDK- RO1DK Adolescent Bariatric Surgery Ancillary Studies. CG Robinson
8. National Institutes of Health (NIH) Center for Scientific Review Loan Repayment Applications Panel 2007 Council 1L40 DK.
9. National Institutes of Health (NIH) Center for Scientific Review Special Emphasis Panel 2007/NIDDK- RO1DK Adolescent Bariatric Surgery Ancillary Studies. CG. Robinson
10. National Institutes of Health (NIH) Center for Scientific Review Special Emphasis Panel 2006/10 Council ZDK1 GRB-N 01 1, Pregnancy and Obesity, 7/24/2006, D.G. Patel, (RFA): DK-05-014, "The Obese and Diabetic Intrauterine Environment: Long-term Metabolic or Cardiovascular Consequences in the Offspring".
11. National Institutes of Health (NIH) Center for Scientific Review Special Emphasis Panel 2006/10 PDRP 6/22/2006, Michael Micklin, Council PA-04-145, "School-Based Interventions to Prevent Obesity".
12. National Institutes of Health (NIH) Center for Scientific Review Special Emphasis Panel 2005/10 Council ZR1 HOP-S 50 R, 6/23/2005, Stephen Krosnick, SRASite Specific Approaches to Prevention or Management of Pediatric Obesity
13. NIH/National Institute of Diabetes and Digestive and Kidney Diseases Special Emphasis Panel, 2003/05 Council ZDK1 GRB-C M1 1, 04/14/2003, Carolyn Miles, SRA
14. NIH/National Institute of Diabetes and Digestive and Kidney Diseases Special Emphasis Panel, 2002/05 Council ZDK1 GRB-C 01 1, 08/09/2002, Carolyn Miles, SRA
15. NIH/National Institute of Diabetes and Digestive and Kidney Diseases Special Emphasis Panel, 2002/10 Council ZDK1 GRB-C M1 1, 03/12/2002, Carolyn Miles, SRA
16. Thrasher Foundation, July, 2002.
17. External scientific reviewer: University Grants Committee, Wan Chai, Hong Kong, China.

**c. External Reviews: Faculty Appointments, Honors and Awards**

1. Eunice Kennedy Shriver National Institute of Child Health and Human Development,

- National Institutes of Health: Cell Biology and Metabolism Program
2. Louisiana Cancer Research Center
  3. University of Mississippi Medical Center
  4. Old Dominion University
  5. Tulane University
  6. University of Houston
  7. Arizona State University
  8. Health, Exercise Science & Recreation Management, University of Mississippi
  9. University of Arkansas for Medical Sciences
  10. Medical College of Georgia
  11. MacArthur Fellows Program
  12. Robert Wood Johnson Foundation
  13. The University of Sydney, Australia

#### **d. Consultant Positions and Interviews:**

##### Consultant and Scientific Advisory Board Positions

1. St. George University, Grenada, WI, January, 2012 to present
2. Health and Nutrition Technology, Salt Lake City, Utah, May, 2010 to January, 2012
3. The Cooper Institute, Dallas, TX, Scientific Consultant, February, 2010 to 2011
4. Basic Research, Inc. Scientific Advisory Board Member and Consultant, September, 2001 to 2008.
5. Dell Foundation/Cooper Clinic, Childhood Obesity, January 2005 to 2011
6. Radio Disney, ABC Company, "Move It" project, 2004 to 2008
7. Swing Sets, Inc., Outdoor Play and Childhood Obesity, 2004 to 2006
8. eDiets.com, Trim Kids Online Weight Management for Children, 2004 to 2008
9. Canyon Ranch Resorts, Teenage Weight Management: The Hardy Project, 2004 to 2007
10. National Registry of Effective Programs and Practices Intersystems, Inc, October, 2004
11. Boling Center for Developmental Disabilities, Memphis, TN, October, 2004
12. Healthy Living Academies, Inpatient Childhood Weight Management Programs, 2004 to 2007
13. Roche Diagnostics Corporation, Scientific Consultant, Venture Initiative: *Fun4Health*, 2003 to 2006
14. Gerber Food Company, Scientific Consultant and Author, Pediatric Basics: Putting Research Into Practice, September, 2003.
15. Kraft Foods, Inc. Scientific Consultant, February, 2003.
16. Basic Research, Inc. Scientific Advisory Board Member, September, 2001 to 2010.
17. Sanofi-Synthelabo. Scientific Advisory Board Member, May, 2002 to 2005.
18. Vida Health, Inc. Scientific Advisory Board Member, April, 2002 to 2004
19. Louisiana Public Broadcasting Systems, Scientific Advisor and Interviewed Expert, April 2002 to present.
20. United States Attorney, Expert Witness, August, 2001.
21. Medical Education Systems, Roche, Inc. Consultant, May, 2002
22. Ross Products Division, Abbott Pharmaceuticals, Consultant, April 2002.
23. BASF-Knoll Pharmaceutical Company, Consultant, January 1999-2000.
24. BASF-Knoll Pharmaceutical Company Speaker's Bureau, 1997-1999.
25. Nestle, USA, Scientific Consultant, 1998-1999.

##### Interviews (121 of a total of 187):

1. Interviewed Expert: Medicine Net.com, Ways to Raise "Food Smart" Kids, June, 2016

2. Interviewed Expert: Live Science: Go Outside and Play – Tips to Get Kids Moving, May, 2016.
3. Interviewed Expert: WWL-TV Medical News: Weight Loss Wednesdays – Women Finds Local Options for Health Meals, May, 2016
4. Interviewed Expert: Times Picayune - NOLA.com, Poverty Doesn't Increase Obesity Odds for Children, March, 2016.
5. Interviewed Expert: Science Daily, Early Childhood Offers Opportunity to Head Off Metabolic Syndrome, March 2016.
6. Interviewed Expert: Health Day, Weight Loss for Children: A Family Affair, January, 2016
7. Interviewed Expert: WWL-TV Medical News: Weight Loss Wednesdays, Women Loses Half her Weight with Aggressive Program, May, 2015
8. Interviewed Expert: Medicinelink.net: Food Smart Kids, May, 2015
9. Interviewed Expert: Health Day: News for Healthier Living - Weight Loss for Children: A Family Affair, March, 2015
10. Interviewed Expert: Health Day: News for Healthier Living – The Sedentary Bunch, March 2015
11. Interviewed Expert: Diabetes Journal: Tips for Exercising at Home, November 2014.
12. Interviewed Expert WWL-TV Medical News: No Grain Diet Helped Save Ex-reporter's life, November, 2014
13. Interviewed Expert; U.S. News Health Day: STUDY EXAMINES FAMILY DYNAMICS AT MEALTIMES FOR CLUES ON CHILDREN'S WEIGHT, October, 2014.
14. Interviewed Expert; WWL-Radio New Orleans News: Increasing waist size linked to breast cancer risk in women, September, 2014.
15. Interviewed Expert; WWL-Radio New Orleans News: CDC study: Americans' bellies are expanding fast, September, 2014.
16. Interviewed Expert; Everydayhealth.com: Diabetes management home exercise strategies, September, 2014.
17. Interviewed Expert: Diabetes Forecast: Eight Ways to Get Kids to Exercise, August, 2014
18. Interviewed Expert; WWL-TV New Orleans Medical News; LSUHSC RESEARCH SHOWS PROGRAM TO COMBAT CHILDHOOD OBESITY GETS KIDS IN DAYCARE MOVING, August, 2014
19. Interviewed Expert: Eureka Alert: The Global Source for Science News – Sothern Pens New Book, July, 2014
20. Interviewed Expert; WWL-Radio New Orleans News: Child siblings may influence each other's obesity risk, July, 2014.
21. Interviewed Expert: WWL-Radio New Orleans – The Angela Show: Overweight Kids and Exercise, July, 2014.
22. Interviewed Expert; WWL-TV New Orleans Medical News: Exercise including weight lifting crucial for overweight, obese children, July, 2014.
23. Interviewed Expert WVUE-Fox-8 News: Overeating and the brain, May, 2014.
24. Interviewed Expert WVUE-Fox-8 News: Fox 8 Special Report, Bigger Portions- Smaller Brains, May, 2014.
25. Interviewed Expert; WWL-Radio New Orleans News: Children and lack of sleep equals obesity, May, 2014
26. Interviewed Expert; WWL-Radio New Orleans News: How to lose weight (diet, exercise) and how to maintain the right mindset to keep at your goals, May, 2014.
27. Interviewed Expert; WWL-Radio New Orleans News: Being out of shape could be bad for memory, May, 2014.
28. Interviewed Expert: USA Today: Parents Can Help Healthy Kids with Hearty Appetites, February, 2014; <http://www.usatoday.com/story/news/nation/2014/02/17/kids-appetite-obesity/5534563/>

29. Interviewed Expert: USA Today: Why Kids Shouldn't be Overweight in Kindergarten. January, 2014; <http://www.usatoday.com/story/news/nation/2014/01/29/kindergarten-weight-kids/4945785/>
30. Interviewed Expert: USA Today: Simple Tips to Get Kids to Eat Better, Exercise More, November, 2013; <http://www.usatoday.com/story/news/nation/2013/11/10/kids-eating-exercising-healthfully/3358229/>
31. Interviewed Expert: USA Today: American Heart Association Statement on Severe Childhood Obesity, September, 2013.
32. Interviewed Expert: USA Today: Eating Disorders in Adolescents With a History of Obesity, September 2013.
33. Interviewed Expert: USA Today: Experts Suggest Modified Activities for Boy Scouts, July, 2013. (<http://www.usatoday.com/story/news/nation/2013/07/16/jamboree-boy-scouts-obesity/2521849/>)
34. Interviewed Expert: Denver Post, 1950's Women May Have Triggered Obesity Epidemic, June, 2013
35. Interviewed Expert, WWL-Radio, New Orleans, LA, Weight Loss Surgery, May, 2013
36. Interviewed Expert, WWL-Radio, New Orleans, LA, Obesity on the Menu for Kids, April, 2013
37. Interviewed Expert, WWL-Radio, New Orleans, LA, The Fat Trap: Genetics of Obesity, March, 2013
38. Interviewed Expert, WWL-Radio, New Orleans, LA, Distracted Eating: Dining in Front of the TV Makes You Eat More, March, 2013
39. Interviewed Expert, WWL-Radio, New Orleans, LA, Should You Work Out with a Cold?, February, 2013
40. Louisiana Health Care Journal, LSUHSC Research Seeks Keys to Future Obesity, February, 2013
41. Interviewed Expert WVUE-TV New Orleans, Shaping Your Health: Apple versus Pear Shapes and Obesity, February, 2013
42. Interviewed Expert, USA Today, Pick the Best Diet Plan for You, January 2013.
43. Interviewed Expert: WWL-Radio, New Orleans, LA, Exercise and Obesity, January, 2013
44. Interviewed Expert: American Schools of Public Health (ASPH) Letter, LSUHSC Collaborates with West Indies, January, 2013
45. Interviewed Expert: USA Today, Pick the Best Diet Plan for You, December 2012
46. Interviewed Expert: The Advocate, LSUHSC Researcher to Study Obesity, December, 2012
47. Interviewed Expert, WWL-TV: Weight Loss Clinic Says You Can Lose Weight Without Exercise, but Does it Work? November, 2012.
48. Interviewed Expert, Discovery News, What Makes a State Fat or Thin, August, 2012 <http://news.discovery.com/human/obesity-states-geography-120817.htmlNew>
49. Interviewed Expert, WWL-Radio, New Orleans, LA, New Analysis Indicates America Remains Obese, August, 2012
50. Interviewed Expert: Times Picayune, New Orleans, LA, Statewide Plan Urged to Curb Obesity Level, Louisianians Among Fattest in the Nation, August, 2012.
51. Interviewed Expert: WRNO-Radio, New Orleans, LA, Statewide Plan for Obesity Prevention is Needed, August, 2012
52. Interviewed Expert: Best Food Facts (bestfoodfacts.org), Does Fatty Food Cause Brain Damage? August, 2012
53. Interviewed Expert: National Press Radio, A Dire Sign of the Obesity Epidemic: Teens Diabetes Soaring, Study Finds, May, 2012
54. Interviewed Expert: Health Day: News for Healthy Living, Weight Loss for Children: A Family Affair, May, 2012
55. Interviewed Expert: Good News Baltimore and WebMD, 10 Ways to Raise Food Smart Kids,

May, 2012

56. Interviewed Expert: WWL-Radio, Study: Long Commute Means a Larger Waste, May, 2012
57. Interviewed Expert: How NOT to work out with your kid, Philly.com Healthy Kids Blog, May, 2012
58. Interviewed Expert: WWL-TV, New Orleans, LA, Study Focuses on Correlation between Overweight Teens and Asthma, April, 2012
59. Interviewed Expert: Best Food Facts.Org: Food for Thought, Do Fatty Foods Cause Brain Damage, March, 2012
60. Interviewed Expert: Medical XPress, National Commitment to Recess, Health Food, Environment and Research are Keys to Childhood Obesity, February, 2012
61. Interviewed Expert: WWL-TV: Weight Loss Wednesdays: New Diets for Obesity is Unsafe, January, 2011.
62. Interviewed Expert: LA Times, Obesity Epidemic May Have Roots in the 1950's, December, 2011
63. Interviewed Expert: USA Today, Uphill Climb for Obese Kids, Parents, November, 2011
64. Interviewed Expert, The Advocate, Childhood Obesity, September, 2011
65. Interviewed Expert: Science Daily, Medical Xpress, Bioportfolio, The Advocate, Pediatric, Chancelor's Notes, etc: Childhood Obesity and Excess Liver Fat Promotes Type 2 Diabetes: Results of the MET study, August, 2011.
66. Interviewed Expert: WebMD: How do Parents Discuss Overweight Conditions with their Children, August, 2011.
67. Interviewed Expert: WWL-TV Medical Watch and WAFB- TV Medical News: Obese 7-year olds with Fatty Liver are at-risk for Diabetes: Results of the MET Study, August, 2011.
68. Interviewed Expert: WWL-TV Medical Watch, Health Fat during Pregnancy and Infant Health, August, 2011.
69. Interviewed Expert: WWL-TV Medical Watch: Overweight Babies and Diabetes, August, 2011.
70. Interviewed Expert: WWL-TV: Weight Loss Wednesdays: Parenting Obese Children and Fetal Programming, July, 2011.
71. Interviewed Expert: USA Today, Family Summer Fitness, June, 2011
72. Interviewed Expert: The Psychology Times, Dr. Melinda Sothern's Trim Kids Program, June, 2011
73. Interviewed Expert: Detroit Free Press, How to Talk to Your Overweight Child, May, 2010.
74. Interviewed Expert: WWL-TV Morning Show: Weight Loss Wednesdays: Metabolic RX Therapy, April, 2010
75. Interviewed Expert: MSNBC: Halting Seeds of Chronic Illness in Tots, April, 2010 ([http://www.msnbc.msn.com/id/36135530/ns/health-kids\\_and\\_parenting/](http://www.msnbc.msn.com/id/36135530/ns/health-kids_and_parenting/))
76. Interviewed Expert: USA Today: Michelle Obama Aims to End Child Obesity in a Generation, February, 2010 ([http://www.usatoday.com/news/health/weightloss/2010-02-09-1Afirstlady09\\_CV\\_N.htm](http://www.usatoday.com/news/health/weightloss/2010-02-09-1Afirstlady09_CV_N.htm))
77. Interviewed Expert: USA Today: Experts: Screen Kids 6 and up for Obesity, January, 2010 ([http://www.usatoday.com/news/health/weightloss/2010-01-17-childhood-obesity\\_N.htm](http://www.usatoday.com/news/health/weightloss/2010-01-17-childhood-obesity_N.htm))
78. Interviewed Expert: WWL-TV Morning Show: Weight Loss Wednesdays: Exercise for Weight Maintenance, February, 2010.
79. Interviewed Expert: LA Times: The Link Between Childhood Obesity and Parental Neglect and Abuse, December, 2009
80. Interviewed Expert: Time Magazine, Should Parents of Obese Kids Lose Custody?, October, 2009 (<http://www.time.com/time/health/article/0,8599,1930772,00.html>)
81. Interviewed Expert: Gambit Magazine, Melinda Sothern on Childhood Obesity, August, 2009 (<http://bestofneworleans.com/gyrobase/Content?oid=oid%3A62428>)
82. Interviewed Expert: USA Today: Experts: Most Type 2 Diabetes Can be Stopped in

- Childhood, June, 2009 ([http://www.usatoday.com/news/health/2009-06-21-kids-diabetes\\_N.htm](http://www.usatoday.com/news/health/2009-06-21-kids-diabetes_N.htm))
83. Interviewed Expert: Associated press: Do Schools Need More PE Time to Fight Obesity?, June, 2009 ([http://www.usatoday.com/news/education/2009-06-21-physical-education\\_N.htm](http://www.usatoday.com/news/education/2009-06-21-physical-education_N.htm))
  84. Interviewed Expert: WWL-TV Morning Show: Findings from the study: Early Markers for the Metabolic Syndrome in Pre-pubertal Youth, June, 2009.
  85. Interviewed Expert: WWL-Radio: Childhood Obesity: Outdoor Play, June, 2009
  86. Interviewed Expert: WWL-TV Weight Loss Wednesdays: Volumetrics, May, 2009
  87. Interviewed Expert: WWL-TV Weight Loss Wednesdays: X-Tend and Pilates for Weight Loss, May, 2009
  88. Interviewed Expert: WWL-TV Weight Loss Wednesdays: Relapse after Weight Loss, May, 2009
  89. Interviewed Expert: WWL-TV Weight Loss Wednesdays: Ali (Orlistat) for Weight Loss, Feb, 2009
  90. Interviewed Expert: USA Today: Childhood Obesity and Headaches, October, 2008
  91. Interviewed Expert: WWL-Radio: Childhood Obesity: It's Causes and Consequences, June, 2008
  92. Interviewed Expert: Radio Disney: Diabetes prevention in children, June, 2008.
  93. Interviewed Expert: WWL-Radio: Childhood Obesity and Parents' Perception, May, 2008
  94. Interviewed Expert: WWL-TV Weight Loss Wednesdays: Circuit Training for Weight Loss, May, 2008.
  95. Interviewed Expert: WWL-TV Weight Loss Wednesdays: Energy expenditure and assisted movement equipment, May, 2008.
  96. Interviewed Expert: WWL-TV Weight Loss Wednesdays: Fiber rich diets and exercise, May, 2008.
  97. Interviewed Expert: The Washington Post, Obesity and Related Disease during childhood, January, 2008.
  98. Interviewed Expert: The Washington Post, Childhood Obesity and Hypertension, October, 2007.
  99. Interviewed Expert: USA Today, Childhood Obesity and Genetics, October, 2007.
  100. Interviewed Expert: WWL-TV Morning Show: Early Nutrition and Childhood Obesity, June, 2007
  101. Interviewed Expert, Physical Activity in Children, Parents Magazine, March, 2007
  102. Interviewed Expert, CNN-Sanjay Gupta Show – Child Abuse, Obesity and Parents, February, 2007
  103. Interviewed Expert, Diabetes Educator , Weight Loss Myths, November, 2006
  104. Interviewed Expert: Prevention Magazine, Walking Programs for Children, April, 2006.
  105. Interviewed Expert: CNN-Sanjay Gupta Show – Childhood Obesity and Schools, March, 2006
  106. Interviewed Expert: Working Mother Magazine, Keeping kids physically active in a high tech world, February, 2006.
  107. Interviewed Expert: CNN, Sports Drinks for Children, October, 2005.
  108. Interviewed Expert: British Broadcasting Company, Childhood Obesity in the U.K., July, 2005
  109. Interviewed Expert: Ladies Home Journal: Walking to School to Prevent Obesity in Youth, July, 2005.
  110. Interviewed Expert: Web MD, Childhood Obesity Studies from the U.S. Preventive Services Task Force, July, 2005.
  111. Interviewed Expert: USA Today, Are Diets Safe for Overweight Children, June, 2005.
  112. Interviewed Expert: Better Homes and Garden/Prevention Magazine: Family

- Walking, May, 2005.
113. Interviewed Expert, New York Times: Inpatient Treatment of Obesity, March, 2005.
  114. Interviewed Expert, iParenting.com: Overweight Children and Fitness, February, 2005.
  115. Interviewed Expert, USA Today: Mother's Weight Impacts Risk for Childhood Obesity, February, 2005.
  116. Interviewed Expert, Nicolodeon TV: Nick News: Childhood Obesity, February, 2005
  117. Interviewed Expert, USA Today, Book Review: Trim Kids, January, 2005
  118. Interviewed Expert, Delicious Living magazine, Physical Activity and Children, November, 2004
  119. Interviewed Expert, iparenting media, Fitness Equipment and Children, August, 2004
  120. Interviewed Expert, The Oprah Show, October, 2000, Childhood Obesity and Exercise, [http://www.oprah.com/tows/pastshows/tows\\_2000/tows\\_past\\_20001018\\_d.jhtml](http://www.oprah.com/tows/pastshows/tows_2000/tows_past_20001018_d.jhtml)
  121. Interviewed Expert, USA Today, 2000-2005, Childhood Obesity, Exercise and Nutrition <http://asp.usatoday.com/community/tags/topic.aspx?req=tag&tag=Melinda%20Sothern>

#### **d. Clinical Services:**

1. Children's Hospital: Pediatric Obesity Treatment Intervention: Clinical Exercise Physiologist. 1991-to 2005.
2. Children's Hospital: Director, Pediatric Obesity Treatment Intervention and clinical exercise physiologist. 1991-2000.
3. University Hospital: Clinical exercise physiologist, 1991-2000.
4. West Jefferson Medical Center: Director, Pediatric Obesity Treatment Intervention and clinical exercise physiologist. 1997-2000.

#### **e. EDITORIAL POSTS AND ACTIVITIES:**

1. Associate Editor, Obesity, January, 2013 to present
2. Associate Editor, Pediatric Obesity, 2011 to 2012
3. Editorial Board Member, 2014 to present
4. Editorial Board Member, International Journal of Pediatric Obesity, 2005 to 2011
5. Editorial Board Member, Childhood Obesity, 2010 to present
6. Chair, 2006 to 2009 and Member, Publications Committee, NAASO, 2003 to 2009
7. Ad Hoc Manuscript Reviewer:
  - A. The Journal of Pediatrics
  - B. Pediatrics
  - C. Journal of the American Medical Association
  - D. New England Journal of Medicine
  - E. The International Journal of Obesity
  - F. The American Journal of Clinical Nutrition
  - G. Obesity
  - H. Diabetes
  - I. Diabetes Care
  - J. Medicine and Science in Sports and Exercise
  - K. Journal of Sports Psychology
  - L. British Journal of Nutrition
  - M. Journal of Gastroenterology and Nutrition
  - N. Clinical Pediatrics
  - O. European Journal of Pediatrics



- P. International Journal of Behavioral Nutrition and Physical Activity
- Q. PLoS Medicine
- R. General Hospital Psychiatry
- S. Pediatrics
- T. Journal of Adolescent Medicine
- U. International Journal of Pediatric Obesity
- V. American Journal of Public Health
- W. Pediatric Exercise Science

#### **f. Conference Organization:**

1. Founder and Chair, Scientists for Translational Obesity Research in Youth (STORY)
2. Co-founder and Acting Chair, Louisiana Childhood Obesity Research Consortium (LA CORC), December, 2009
3. Chair and coordinator, Louisiana State Community Forum to Prevent Childhood Obesity, The Obesity Society, New Orleans, LA, October, 2007.
4. Coordinator and moderator, NAASO Pediatric Obesity Interest Group Meeting and Intervention Workshop, Quebec City, Quebec, 2001.
5. Coordinator and moderator, NAASO Pediatric Obesity Interest Group Meeting and Intervention Workshop, Long Beach CA. 2000.
6. Coordinator and moderator, NAASO Pediatric Obesity Interest Group Meeting and Intervention Workshop, Charleston, SC., November, 1999.

### **TEACHING AND MENTORING**

#### **a. Courses taught**

1. Translational Research (PhD) (Fall, 2013; Fall 2015, Fall 2016)
2. Health Promotion Program Development (MPH) (Spring, 2005; Spring, 2006; Spring, 2008; Spring, 2009; Fall, 2010; Fall, 2011; Fall, 2012; Fall, 2013; Fall, 2014; Fall 2015; Fall, 2016)
3. Independent Study: Spring, 2007; Spring, 2011; Spring, 2012; Summer, 2012; Fall, 2012 (2 students); Spring, 2013 (2 students); Fall, 2013 (1 student); Spring, 2014 (2 students); Fall, 2014 (1 student); Spring, 2015 (3 students); Fall, 2015 (1 student)
4. Health Disparities (Spring, 2007)
5. Capstone Supervision (Fall, 2007; Spring, 2008; Spring, 2009, Spring, 2010, Spring, 2011, Spring, 2012, Spring 2013; Spring 2014)

#### **b. Graduate Students Supervised**

1. Advisor of graduate students pursuing PhD in Public Health, Fall, 2011 to present
  - a. Michelle Lawrence, 1<sup>st</sup> year
  - b. Kara Dentro, 3rd year
  - c. Maura Mohler (2016)
2. Advisor and Capstone Supervisor to graduate students pursuing Masters in Public Health, Fall, 2005 to present
  - a. Corbin Lemon, 2015
  - b. Amanda Mitchell, 2015
  - c. Melanie Powers, 2014 (Delta Omega Honorary Society in Public Health student inductee)

- d. Robert Uddo (2014)
  - e. Candice Fisher, 2013
  - f. Amanda Arguello, 2013 (Delta Omega Honorary Society in Public Health student inductee)
  - g. Tuandra Smith, 2013
  - h. Maura Mohler, 2012 (Delta Omega Honorary Society in Public Health student inductee)
  - i. Alexandria Alexis, 2012 (NIH Health Disparities Conference presenter)
  - j. Megan Burns, May 2011 (Chancellor's Award)
  - k. Jonathon Howe, May, 2009 (Awarded Best Poster Presentation)
  - l. Brian Bennett, May, 2008
  - m. Samah Sullivan, May, 2008 (Awarded Best Poster Presentation)
  - n. Toni Marie Jones, May, 2007
  - o. Korje DeLarge, May, 2007
3. Supervisor: Practicum students and graduate assistants for the Department of Human Performance and Health Promotion University of New Orleans – 1992 to 2008.
  4. Supervisor: Internships of graduate students from the Department of Kinesiology, University of Minnesota, Minnesota, MN, 2000 to present.
  5. Supervisor Graduate students from the Department of Kinesiology, Louisiana State University, Baton Rouge, LA. 1998 to present.
  6. Supervisor: Graduate students from the Department of Kinesiology, Northwestern University, 1999 to present.
  7. Supervisor: Dietetic Internship for Childhood Obesity Intervention – Tulane University – 1999- 2006

### **c. Postdoctoral Fellows Supervised**

1. Mentor, Clinical Nutrition Research Unit, Pennington Biomedical Research Center: Post doc: Darcey Johannsen, PhD, April, 2009 to 2010
2. Co-mentor, LSUHSC, Department of Pediatrics, Division of Endocrinology, Fellow: Arlette Soros, MD
3. Faculty Member: LSUHSC, Department of Pediatrics, Division of GI Nutrition and Endocrinology, Fellowship Program.
4. Co-mentor, Division of Behavioral Science, Pennington Biomedical Research Center: Post doc: Robert Newton, Environmental Approaches for the Prevention of Weight Gain: The Wise Mind Study, 2003-2005.
5. Supervision of post doctoral nutrition fellowship for the Department of Pediatrics, LSUHSC:
  1. Post doc: Lauren Keely Carlisle, MD: Early risk factors for obesity in low socioeconomic, African American children, May, 2004.
6. Advisor of foreign junior faculty research projects: Maria Torres: Influence of obesity on bone mineral density, bone mineral content, bone area, lean and fat mass in U.S. Caucasian Adolescents (Funded by Nestle, International) – 1998.

### **d. Theses and Dissertation Committees**

1. PhD advisor Department of Community Health Science, School of Public Health, LSU Health Sciences Center, 2014 to present, Kara Dentre.
2. PhD advisor Department of Community Health Science, School of Public Health, LSU Health Sciences Center, 2012 to 2016, Maura Mohler.
3. PhD committee member, 2012 to 2016, Claire Hayes

4. PhD committee member, 2012 to present, Danelle Gillory
5. PhD committee member, 2015 to present, Melissa Golden
6. PhD committee member, 2016 to present, Kiva Fisher
7. PhD committee member, 2016 to present, Laura Cahill
8. Thesis committee member: Department of Behavioral and Community Health Science, School of Public Health, LSU Health Sciences Center, Maura Mohler, Spring, 2012
9. Thesis committee member: Department of Behavioral and Community Health Science, School of Public Health, LSU Health Sciences Center, Alexandria Alexis, Spring, 2012
10. Thesis advisor: Department of Behavioral and Community Health Science, School of Public Health, LSU Health Sciences Center: Megan Burns, May, 2011.
11. PhD advisor: Department of Community Health Science, School of Public Health, LSU Health Sciences Center, September, 2011 to 2013: Amanda Hammack
12. PhD committee member: UNO Department of Human Performance and Health Promotion: Connie Tompkins, Association of Fat Oxidation and Insulin Resistance in Prepubertal Youth, May 2008
13. PhD committee member LSU Department of Kinesiology: Madlyn Erin Frisard, October, 2005.
14. PhD committee member LSU Department of Human Ecology: Holly Spenser-Kihm, Weight based Teasing during Childhood and Adult Quality of Life, 2006.
15. Thesis committee member: UNO Department of Human Performance and Health Promotion, Tiffany Lambert, May, 2005.
16. Thesis committee member: UNO Dept. of Human Performance and Health Promotion: Connie Van Vrancken: Heart rate reserve in obese children.2000.
17. Thesis committee member: Brian Fagot: Health outcomes in obese pediatric patients in a clinical setting, Dec., 2000.
18. Thesis committee member: Madlyn Erin Frisard: Relationship between body mass index and forearm vascular resistance in obese adolescents, Dec., 1999.

**e. CME Courses (63 of a total of 129):**

1. Invited faculty: America Nutrition and Dietetic Association Certification in Pediatric Obesity Treatment, Minneapolis, MN, September, 2016.
2. Invited Lecture: Tulane University School of Public Health and Tropical Medicine, New Orleans, LA, April 2016
3. Invited Lecture: Harvard University/Boston Children's Hospital, Cambridge, MA, March, 2015
4. Invited Lecture: Tulane University, New Orleans, LA, April, 2015.
5. Invited Key Note Lectures (3): XVII Congress of the Latin American Pediatric Association - ALAPE 2015 in Lima, Peru, November, 2015
6. Invited faculty: America Nutrition and Dietetic Association Certification in Pediatric Obesity Treatment, Buffalo, NY, September, 2015.
7. Invited lecture: The Obesity Society (Obesity Week), Creating a Healthy Home Environment for Children, Boston, MA, November 2014.
8. Invited faculty: Southeast Conference (SEC) Scientific Meeting, Social Determinants, Pro-inflammatory and Obesity-related Metabolic Biomarkers in Developing Youth, Atlanta, GA, September, 2014.
9. Invited faculty: America Nutrition and Dietetic Association Certification in Pediatric Obesity Treatment, Newport Beach, CA, August, 2014.
10. Invited faculty: Southeastern University, Childhood Obesity: Current Status, Consequences and Solutions, Slidell, LA, May, 2014

11. Invited faculty: School of Medicine Grand Rounds, Childhood Obesity: Current Status, Consequences and Solutions, LSUHSC, New Orleans, LA, March, 2014
12. Invited lecture: Windward Islands Research and Education Foundation (WINDREF), Developing Manuscripts and Research Proposals, St. George's University (SGU), School of Medicine, Grenada, January, 2014.
13. Invited faculty: America Nutrition and Dietetic Association Certification in Pediatric Obesity Treatment, Denver, CO, Nov, 2013.
14. Invited lecture: Windward Islands Research and Education Foundation (WINDREF), Designing Pediatric Research Studies in School-based Settings, St. George's University (SGU), School of Medicine, Grenada, July, 2013
15. Invited faculty: America Dietetic Association Certification in Pediatric Obesity Treatment, Little Rock Arkansas, May, 2013.
16. Invited faculty: National Minority Quality Forum, Prevention and Treatment of Childhood Obesity, Washington D.C, April, 2013.
17. Invited lecture: St. Vincent's Medical Center, Childhood Obesity, Carmel, IN, October 2012.
18. Invited faculty: America Dietetic Association Certification in Pediatric Obesity Treatment, Atlanta, GA, September, 2012.
19. Invited lecture: South Dakota State University, 29<sup>th</sup> Annual Health and Nutrition Conference, Brookings, South Dakota, March, 2012.
20. Invited lecture: Windward Islands Research and Education Foundation (WINDREF), Objective Measurement of Physical Activity in Children and Adolescents, St. George's University (SGU), School of Medicine, Grenada, January, 2012.
21. Invited lecture: Windward Islands Research and Education Foundation (WINDREF), Prevention and Management of Childhood Obesity, St. George's University (SGU), School of Medicine, Grenada, July 2011.
22. Invited faculty: America Dietetic Association Certification in Pediatric Obesity Treatment, Daytona Beach, FL, November, 2011.
23. Invited faculty: The Obesity Society CORE CME: Prevention and Management of Childhood Obesity in the Clinical Setting, Orlando, FL, October 2011
24. Distinguished Lecturer: Academic Distinction Fund, Baton Rouge, LA, September, 2011
25. Invited keynote lecture, United States Public Health Service Annual Meeting, *Public Health Leadership: The Key to a Healthier Nation*, New Orleans, LA, June, 2011.
26. Invited faculty: The Obesity Society CORE CME: Prevention and Management of Childhood Obesity in the Clinical Setting, October 2010
27. Invited lecture: The Obesity Society: Physical Activity—Does It Matter: It Makes a Difference in Children, October 2010.
28. Invited faculty: America Dietetic Association Certification in Pediatric Obesity Treatment, Cambridge, MA, April, 2010.
29. Invited faculty: America Dietetic Association Certification in Pediatric Obesity Treatment, Las Vegas, Nevada, November, 2009.
30. Invited Lecture: Very Low Energy Diets, The Obesity Society, Washington, D.C, October, 2009.
31. Invited Lecture: Physical Activity and Childhood Obesity, University of Kansas, Kansas City, MO, September, 2009
32. Invited faculty: America Dietetic Association Certification in Pediatric Obesity Treatment, Kansas City, MO, June, 2009.
33. Invited faculty: America Dietetic Association Certification in Pediatric Obesity Treatment, Newport Beach, CA, May, 2009
34. Invited Keynote Lecturer: Creighton University Medical Center, Clinical Management of Pediatric Obesity: Interdisciplinary Interactive Education Interventions, Omaha, Nebraska, March, 2009.

35. Invited Keynote Lecturer: Ohio University Medical Center, Diet, Exercise, Behavior: The Promise and Limits of Lifestyle Change, Columbus, OH, April, 2009.
36. Invited Keynote Lecturer: YMCA Expo, Trim Kids Program, Jacksonville, FL, February, 2009.
37. Invited Lecturer: Louisiana's Report Card on Children's Health-related Physical Activity, Pennington Biomedical Research Center, Baton Rouge, LA, October, 2008
38. Invited lecturer: Harvard Medical School: Practical Applications to the Treatment of Obesity, Boston, MA, June, 2008.
39. Invited faculty: America Dietetic Association Certification in Pediatric Obesity Treatment, Austin, TX, June, 2008.
40. Invited faculty: America Dietetic Association Certification in Pediatric Obesity Treatment, Dover, DE, May, 2008.
41. Invited faculty: America Dietetic Association Certification in Pediatric Obesity Treatment, Chicago, IL, April, 2008.
42. Invited faculty: American Heart Association Childhood Obesity Summit: Physical Activity, Sedentary Behaviors and Childhood Obesity, Arlington, VA, December, 2007.
43. Invited faculty: America Dietetic Association Certification in Pediatric Obesity Treatment, Chatanooga, TN, November, 2007.
44. Invited faculty: Southeast American College of Sports Medicine, Fall Scholar Series – Louisiana State University, Baton Rouge, LA, September, 2007; University of Mississippi, Oxford, MS, November, 2007; University of Tennessee, Knoxville, TN, November, 2007; University of Kentucky, Lexington, KY, November, 2007.
45. Invited faculty: International Conference on Practical Approaches to the Treatment of Obesity, Harvard Medical School, Cambridge, MA, June, 2007
46. Invited faculty: America Dietetic Association Certification in Pediatric Obesity Treatment, Portland, Oregon, March, 2007.
47. Invited faculty: University of South California, Medical School, School of Public Health and Clemson University, South Carolina – Prevention and Treatment of Pediatric Obesity, January 29-31, 2007.
48. Invited faculty: America Dietetic Association Certification in Pediatric Obesity Treatment, Kansas City Missouri, October 29, 2006.
49. Invited faculty: America Dietetic Association Certification in Pediatric Obesity Treatment, Burlington, Vermont Thursday, May18- 20th, 2006.
50. Invited faculty: America Dietetic Association Certification in Pediatric Obesity Treatment, Anaheim, CA, April 10-11, 2006.
51. Invited Lecturer: Clinical Round Table: Case Studies in Pediatric Obesity, NAASO: The Obesity Society, Vancouver, Canada, October 16, 2005.
52. Invited faculty: America Dietetic Association Certification in Pediatric Obesity Treatment, Alexandria, Virginia, to be held September 11-13, 2005.
53. Invited faculty: America Dietetic Association Certification in Pediatric Obesity Treatment, San Jose, CA, February, 2005.
54. Invited faculty: America Dietetic Association Certification in Pediatric Obesity Treatment, Little Rock, Arkansas, November, 2004.
55. Invited Lecturer, Georgia Southern University, Prevention and Treatment of Overweight Children, Statesboro, Georgia, October, 2004
56. Invited Lecturer: Arkansas Children's Hospital-University of Arkansas Medical Sciences, Clinical Management of Overweight Children, Little Rock, Arkansas, October, 2004.
57. Invited Lecturer: Spectrum Health DeVos Children's Hospital Grand Rounds, Clinical Management of Overweight Children, Grand Rapids, Michigan, September, 2004.
58. Invited faculty: America Dietetic Association Certification in Pediatric Obesity Treatment, Atlanta, GA, May, 2004 and Chicago, IL, September, 2003.

59. Invited Keynote Lecturer, Childhood Obesity, University of Florida, Tampa, FL, March, 2004
60. Invited Keynote Lecturer: Annual Meeting of Canadian Diabetes Association – Successful Strategies for Weight Management in Youth. Ottawa, Canada, October, 2003.
61. Invited Keynote Lecture: 44<sup>th</sup> Symposium on Advances in Clinical Nutrition, American College of Nutrition, Treatment Approaches to Childhood and Adolescent Obesity, Nashville, Tennessee, October, 2003.
62. Invited lecturer: 2003 American College of Sports Medicine, San Francisco, CA., May, 2003.
63. Invited Keynote Lecturer: De Vel Lecture Series, Mary Free Bed Hospital, Grand Rapids, Michigan, May, 2003.
64. Invited Lecturer: University of South Florida 4<sup>th</sup> Annual Conference on Obesity, Clearwater, FL, April, 2003.
65. Invited Keynote Lecturer: 2002 Ohio State Association for Health, Physical Education, Recreation and Dance, Kent, Ohio, December, 2002.
66. Invited Keynote Lecturer: Vermont Blue Cross Conference on Child Health and Nutrition, November, 2002

### **OTHER:**

1. Beta Sigma Phi – Honor Scholarship
2. President's List – Nicholls State University & University of New Orleans
3. Dean's List – University of New York Regents, Nicholls State University & University of New Orleans.
4. Phi Delta Kappa – Honor Society, UNO chapter
5. American Heart Association, CPR Instructor; American Red Cross, Water Safety Instructor and First Aid Certified
6. PADI Open Water and Dive Master Certification
7. YMCA Aquatic Director, Instructor Trainer, and Scuba Instructor
8. Active in U.S. Synchronized Swimming: 1978-1990

### **Major areas of research interest**

Pediatric exercise physiology, nutrition and behavioral counseling as it relates to the screening, diagnosis, design, implementation and evaluation of interventions to prevent and treat chronic diseases in childhood including: 1) Pediatric obesity and metabolic syndrome, 2) Type 2 diabetes during childhood, 3) Pediatric asthma, musculoskeletal, and emotional disorders, 4) nutritional genomics. I am also interested in how the environment and behavior of mothers, infants, toddlers, pre-and-elementary school children and adolescents interact in genetic expression and physiological studies related to pediatric obesity and chronic disease including aspects of fetal programming and early childhood development.