

**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:**

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
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)
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: *Investigating the relationship among obesity, early puberty and sexual behavior in adolescents***

Funding Agency: School of Nursing Research Fund

Amount funded: \$3,000

PI: Julia Tipton, PhD (LSUHSC School of Nursing)

Co-PI/Mentor: Richard Zimmerman, PhD (LSUHSC School of Nursing)

Co-Investigator/Mentor: Melinda Sothern, PhD, LSUHSC, School of Public Health

#### **B. Title: **Neighborhood Influence, Parenting Practices, and Youth Physical Activity****

Funding Agency: NIH/NICHD PA 16-307 Post-doctoral Research Program

Amount funded: \$120,000 direct (June 2017- May, 2019)

PI: Maura Mohler Kepper

Co-Investigator/Co-mentor: Melinda Sothern, PhD, LSUHSC, School of Public Health

#### **C. 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

**D. 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: 10/2013-09/2017

**E. 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 (Sothern)

Dates of Proposed project: 05/16/10-02/28/15

Annual Direct Costs: \$183,297

**F. 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. Sothern, PhD, LSUHSC, School of Public Health**

Notice of Award: 02-12-2014-16, \$36,000 (direct).

**G. 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. Sothern, 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

**H. 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. Sothern, PhD, LSUHSC, School of Public Health**

Total Amount: \$10,000

**I. 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.

**J. 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

**K. 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)

**L. 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)

**M. 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

**N. 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)

**O. 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)

**P. 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)

**Q. 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)

**R. 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)

**S. 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. Sothorn**, PhD, LSUHSC, School of Public Health

Amount funded: \$6.5 million (direct) – 6 year-award. (2000-2006)

**T. 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. Sothorn**, PhD, LSUHSC, School of Public Health

Amount funded: \$ 14,000.00; (2005-2007)

**U. 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. Sothorn**; LSUHSC, School of Public Health/PBRC

Amount requested: \$250,000 (direct) - 3-year-award (2003-2005)

**V. 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. Sothorn**, PhD, LSUHSC School of Public Health

**W. 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)

**X. 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)

**Y. 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)

**Z. 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)

**AA. 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)

**BB. 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)

**CC. 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: Identifying Social and Epigenomic Mechanisms in Support of Sustainable Diet Behaviors in African American Adolescent Females.**

Funding Institution: NIH/NIHMD in response to NIH/NIHND: Social Epigenomics Research Focused on Minority Health and Health Disparities (R01); Activity Code. FOA PAR-16-355.

Funding amount: \$500,000 annually for 5 years (Total direct funding: \$2.5 million)

**PI: Jovanny Zabaleta, PhD**

**Co-Principal Investigator: Melinda Sothern, PhD**

In review

### **B. Title: Louisiana Minority Health and Precision Prevention Center (LAMP)**

Funding Institution: NIH/NIHMD/Research Centers in Minority Institutions (RCMI) Program - U54 Specialized Center- Cooperative Agreements Program

Funding amount: \$950,000 annually for 5 years (Total Direct Funding: \$4.75 million)

**PI: Edward Trapido**

**Co-PI: Jovanny Zabaleta**

**Co-Investigator: Melinda Sothern**

Revised and re-submitted

### **C. Title: Weight-Centric Diabetes Management in Active Duty Military, Veterans, and Families - a Syndemic Perspective / Project 4: *Improving metabolic health and readiness for future military service in adolescents from Veteran families***

Funding Institution: U.S Department of Defense / W81XWH-17-PRMRP-FPA for FY 2017

Funding amount: 10 million (December, 2017-2012)

**Co-PI/Project Leader: Melinda Sothern**

**Co-Investigators:** Robert Newton, PhD; Amanda Staiano, PhD; Daniel Hsia, MD; Tiffany Stewart, PhD, Henry Nuss, PhD

Pre-application reviewed / In revision

### **D. Title: Identifying Social and Epigenomic Mechanisms in Support of Sustainable Diet and Physical Activity Behaviors in Hispanic Adolescent Females.**

Funding Institution: NIH/NIHMD in response to NIH/NIHND: Social Epigenomics Research Focused on Minority Health and Health Disparities (R01); Activity Code. FOA PAR-16-355.

Funding amount: \$500,000 annually for 5 years (Total direct funding: \$2.5 million)

**PI: Jovanny Zabaleta, PhD**

**Co-Principal Investigator: Melinda Sothern, PhD**

Revised and re-submitted

### **E. Title: Inflammation-associated miRNA-mRNA interactions following acute stroke in obese and non-obese patients**

Funding Institution: NIH/Louisiana Clinical and Translational Science Center (LA CaTS) Center Pilot Grants Program

Funding amount: \$50,000 – one year

**PI: Ifeanyi Iwuchukwu, MD**

**Co-PI/Mentor: Melinda Sothern, PhD**

LOI approved; In revision

**F. Title: Exploring Racial/Ethnic Disparities in Obesity and Related Chronic Diseases through Multilevel Mediation Analysis**

Funding Institution: NIH/NIHMD in response to PA-15-169

Funding amount: \$150,000 annually for 3 years (Total direct funding: \$450,000)

**PI: Qingzhao Yu, PhD**

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

In revision

**G. Title: Establishing best practices for obesity prevention in underserved Louisiana youth**

Funding Institution: LSUHSC Consortium for Health Transformation

Funding amount: \$300,000

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

In review

**H. Title: Enhancement of the Nutrition and Physical Activity Self-Assessment in Child Care Centers (NAP SACC) programs in Louisiana Head Start Centers**

Funding Institution: LSUHSC Consortium for Health Transformation

Funding amount: \$300,000

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

In review

**I. Title: Grenada Adolescent Nutrition Cohort Study**

Funding Institution: PAR-16-052-R21/ NIH, NIMHD/NCI.

Funding amount: \$150,000 per year for 3 years (Total direct funding: \$450,000)

**PI: Richard Scribner, PhD**

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

In revision

**J. 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

Funding amount: \$500,000 annually for 5 years (Total direct funding: \$2.5 million)

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

Re-submitted: June, 2016 (unfunded); currently in review as part of another proposal

**K. 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, unfunded

**L. 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**

Submitted October, 2014. In Revision

**M. 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. Sothern, PhD**

Submitted October, 2014. In Revision

**N. 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. Sothern, PhD**

Submitted January 2014. In Revision

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

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

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

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

**P. 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. Sothern, PhD

Co-PI/Director: Donna Williams, PhD

Co-PI: Sarah Moody-Thomas, PhD

In revision

**Q. 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. Sothern, PhD**

In revision

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

Funding Agency: NIH and AHEC

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

Revised and re-submitted

**S. 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. Sothern, PhD

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

**T. 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. Resolution by House of Representatives of the Legislature of Louisiana to commend Melinda Sothern, PhD, and the Scientists for Translational Research in Youth (STORY) research group and the LSU Health New Orleans School of Public Health for research and community outreach efforts in Louisiana, Baton Rouge, LA, April, 2019
2. Albert Schweitzer Fellowship Community Mentor Award, Lisa Staples, MPH (Title: *Process Evaluation of Minority Preschool Children Participating in the Physical Activity Component of the Little Bitty Learning Program*), April, 2018, New Orleans LA
3. Allen A. Copping Excellence in Teaching Award, LSUHSC, School of Public Health, New Orleans, LA, May, 2014.
4. Outstanding Alumna, University of New Orleans, College of Education and Human Development, Department of Human Performance and Health Promotion, February, 2014
5. Scientific Advisory Board Member, Windward Islands Research and Education Foundation (WINDREF) St. George's University (SGU), School of Medicine, Grenada, July 2011 to present
6. Recipient of the Jim Finks Endowed Chair of Health Promotion, LSU Health Sciences Center, New Orleans, LA, November, 2010
7. Oded Bar Or Award for Excellence in Pediatric Obesity Research, The Obesity Society,

- Pediatric Obesity Section, Washington, D.D., October 25, 2009.
8. Cecil J. Picard Award for Excellence in Education to Prevent Childhood Obesity – Louisiana Council on Obesity Prevention and Management, September, 2008.
  9. Selected as one of the top ten achieving women professionals in New Orleans by New Orleans Magazine, July, 2008.
  10. U.S. Surgeon General Award for community dissemination of Trim Kids Pediatric Weight Management program into YMCA centers, May, 2008.
  11. Delta Omega Honorary Society in Public Health: Faculty inductee for outstanding public health performance in scholarship, teaching, research and publications, October, 2007
  12. Southeast American College of Sports Medicine Distinguished Lecturer, Fall, 2007
  13. Elected NAASO Council member, November, 2004.
  14. Selected to provide lectures for the North American Association for the Study of Obesity (NAASO) Distinguished Scholar Series, August, 2004.
  15. 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.
  16. Louisiana State Board of Regents – Certificate of Academic Excellence, December, 1989

## VI. PUBLICATIONS

### a. In Print

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

1. Nuss, H., Altazan, A., Zabaleta, J., **Sothorn**, M., Redman, L. Maternal pre-pregnancy weight status modifies the influence of PUFAs and inflammatory biomarkers in breastmilk on infant growth.2019; Plos One (in press: PONE-D-19-01239R1)
2. Goldin-Evans, M, Broyles, S., Frederiksen, B, Gee, R., Phillippi, S, Sothorn, M, Theall, K., Wightkin, J. Long-Acting Reversible Contraceptive (LARC) Utilization After Policy Change Increasing Device Reimbursement to Wholesale Acquisition Cost in Louisiana, 2019, American Journal of Obstetrics & Gynecology (in press).
3. Scribner, R, Radix, R, Gilliland, Claudia Leonardi, C, Ferguson, T, Noel, T, Andall, R, Andall, N, Radix, C, Frank, R, Benjamin, J, James, J, Benjamin, Ro, Waechter, R, **Sothorn**, M. *Absence of Adolescent Obesity in Grenada: Is it a Generational Effect*, Frontiers in Public Health, Front Public Health. 2018 Aug 3;6:204. doi: 10.3389/fpubh.2018.00204.
4. Iwuchukwu, I, Cornwell, K, Zabaleta, J, Mahale, N, Ryder, J, Hsieh, B, Jennings, B, **Sothorn**, M. *Racial differences in intracerebral hemorrhage outcomes in patients with obesity*, Obesity Science and Practice, 2018 Apr 19;4(3):268-275. doi: 10.1002/osp4.167.
5. Skizim M, **Sothorn** M, Blaja O, Tseng T, Griffiths L, Joseph J, Nuss H. Social marketing for a farmer's market in an underserved community: A needs assessment. J Pub Health Res. 2018 Jan 4;6(3):815. doi: 10.4081/jphr.2017.815.
6. Nuss H, Skizim M, Afaneh H, Miele L, **Sothorn** M. Farmers' Market Utilization among Supplemental Nutrition Assistance Program Recipients in New Orleans, Louisiana: Preliminary Findings. Ethn Dis. 2017;27(Suppl 1):295-302.
7. Bonis M, Loftin M, & **Sothorn** M. Using the Lean Tissue Index (LTI) as a Predictor Variable for Bone Mineral Density of Elite, Adolescent, Female Cross-Country Runners. J Sport Human Perf 2017; 5(1):1-9.
8. Bonis, M., Welch, B., Eason, R., Loftin, M., **Sothorn**, M. Movement by Age and Sex Using the Functional Movement Screen: Journal of Education and Social Policy, 2017, 7(1):1-7.
9. Tseng, T.-S., Lin, H.-Y., Griffiths, L., Cornwell, K., & **Sothorn**, M. *Sugar intake from sugar-*

- sweetened beverage among cancer and non-cancer individuals: the NHANES Study. Translational Cancer Research. Epub ahead of print, October, 2016*
10. Loftin, M., **Sothorn, M.**, Abe, T., Bonis, M., Expression of VO<sub>2</sub>peak in Children and Youth with Special Reference to Allometric Scaling, Sports Medicine, Sports Med. 2016 Oct;46(10):1451-60. doi: 10.1007/s40279-016-0536-7. Review.
  11. Kepper MM, **Sothorn M**, Theall K, Griffiths L, Scribner R, Tseng T, Schaettle P, Cwik J, Felker-Kantor E, Broyles S. Using Google Street View to systematically observe neighborhood environments at high spatial resolution: a feasible and reliable method. American Journal of Preventive Medicine. 2017; 52(1): S20-S30.
  12. Kepper MM, Broyles S, Scribner R, Katzmarcyk P, Tseng T, Zabaleta J, Griffiths L, **Sothorn M**. Parental Perceptions of Collective Efficacy Are Inversely Related to Constraint of Adolescent's Neighborhood Physical Activity. International Journal of Environmental Research and Public Health. 2016 Dec 21; 13(12): 1266.
  13. Kepper MM, **Sothorn M**, Zabaleta J, Ravussin E, Velasco-Gonzalez C, Leonardi C, Griffiths L, Li C, Estrada J, Scribner R. Prepubertal children exposed to concentrated disadvantage: an exploratory analysis of inflammation and metabolic dysfunction. Obesity. 2016; 24(5): 1148-53.
  14. Kepper MM, Volaufova J, Tseng T, Nuss H, Scribner R and **Sothorn M**. Preschool obesity is inversely associated with outdoor Play, vegetable intake and grocery store access. Pediatric Obesity. 2016; 11(5): e6-e8.
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  5. 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)
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  10. Nuss H, Oral E, Griffiths L, Duhon A, Zabaleta J, Scribner R, Miele L, Sothorn M. The Association Between Breastfeeding and Insulin Resistance in Prepubertal Children. Manuscript in development (abstract accepted for publication).

## (2) Books

1. **Sothorn, M.** Safe and Effective Exercise for Overweight Youth, 2014, Taylor and Francis, Boca Raton, FL.
2. **Sothorn, M.** Schumacher, H. & Von Almen, TK. Trim Kids: The Proven Plan that has Helped Thousands of Children Achieve a Healthier Weight, 2001, Harper Collins Publishers, New York, NY.
3. **Sothorn, M.**, Gordon, S., & von Almen, K. (Eds) Handbook of Pediatric Obesity: Clinical Management, 2006, Taylor and Francis, Boca Raton, FL.
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## (3) Chapters in books and articles in refereed journals, refereed bulletins, and refereed proceedings.

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1. Garai J, Uddo RB, Mohler MC, Pelligrino N, Scribner R, **Sothorn MS**, Zabaleta J. *At the crossroad between obesity and gastric cancer.* Methods Mol Biol. 2015;1238:689-707. doi: 10.1007/978-1-4939-1804-1\_36.
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#### (4) Other publications

##### a) Abstracts (A selection of 53 of a total of 147):

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#### **b) Published educational material**

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#### **(5) Papers Presented at Professional Meetings (87 of a total of 171):**

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  28. Pelligrino, N., Velasco-Gonzalez, C., Zabaleta, J., Miller, R., Uddo, B., Tseng, T., Mohler, M., Happel, K., Scribner, R., Estrada, J., **Sothorn, M.** Direct clinical measures for black adolescent females. Minority Health and Health Disparities Grantees Meeting. Washington, DC. December 1-4, 2014.
  29. Pelligrino, N., Velasco-Gonzalez, C., Zabaleta, J., Miller, R., Uddo, B., Tseng, T., Mohler, M., Happel, K., Scribner, R., Estrada, J., **Sothorn, M.** Preliminary results from an intensive, culturally-relevant, clinic-based nutrition and behavioral intervention targeting obese black adolescent females in New Orleans, LA. The Obesity Society Annual Scientific Meeting, Boston, MA., November 2-7, 2014.
  30. Mohler M., Scribner R., Velasco-Gonzalez C., Zabaleta J., Leonardi C., Pelligrino N., Li C., Uddo B., Griffiths L., Estrada J., **Sothorn M.** Relationships between obesity, metabolic health and neighborhood concentrated disadvantage in pre-pubertal children. The Obesity Society Annual Scientific Meeting, Boston, MA., November 2-7, 2014.
  31. 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. The Obesity Society Annual Scientific Meeting, Boston, MA, November 2-7, 2014.
  32. Scribner, R., Leonardi, C., Yu, Q., Li, C., Pelligrino, N., **Sothorn M.** Exposure to Unhealthy Food Outlets and Risk of Obesity in the NHANES. The Obesity Society Annual Scientific Meeting, Boston, MA, November 2-7, 2014.
  33. Tseng T., Lin H., Juan T., Griffiths L., Doback K., Pelligrino, N., Zabaleta J., Estrada J., **Sothorn, M.** Sugary drink and childhood obesity in the United States: NHANES 2003-2010. The Obesity Society Annual Scientific Meeting, Boston, MA, November 2-7, 2014.
  34. Pelligrino, N., Velasco-Gonzalez, C., Zabaleta, J., Estrada, J., Uddo, R., Miller, R., Arguello, A., Augustus, A., Brown, M., Mohler, M., Powell-Young, Y., Happel, K., Boulares, H., Tseng, T., Nuss, H., Scribner, R., **Sothorn, M.** Direct clinical measures detect significant reductions in body fat in obese adolescent African American females after intensive, culturally-relevant, nutrition and behavioral intervention. American Public Health Association Annual Meeting & Expo, New Orleans, LA. November 15-19, 2014.
  35. Zabaleta, J., Estrada, J., Valesco-Gonzalez, C., Pelligrino, M., Mohler, R., Scribner, T., Tseng, A., Arguello, A., Ravussin, E., Powell-Young, Y., **Sothorn, M.** Inflammation is not a driver of abnormal metabolic parameters in Pre-Pubertal Youth. The Obesity Society Annual Scientific Meeting, Atlanta, GA, October, 2013.
  36. Pelligrino, N., Velasco-Gonzalez, C., Bennett, B., Augustus, A., **Sothorn, M.**, Zabaleta, J., Powell-Young, Y., Larson-Meyer, E., Boulares, H., **Estrada, J.** Race and gender disparities in body composition methodologies in relation to inflammatory biomarkers in pre-pubertal youth. The Obesity Society Annual Scientific Meeting, Atlanta, GA, October, 2013.
  37. Scribner, R., Leonardi, C., Yu, Q., Scribner, S., Simonsen, N., **Sothorn, M.** Effect of altitude on obesity: multilevel analysis of the continuous NHANES. The Obesity Society Annual Scientific Meeting, Atlanta, GA, October, 2013.
  38. Scribner, R., Leonardi, C., Yu, Q., Scribner, S., Simonsen, N., **Sothorn, M.** Effect of street connectivity and physical activity on obesity risk: direct measures from GIS and the continuous NHANES. The Obesity Society Annual Scientific Meeting, Atlanta, GA, October, 2013.
  39. Arguello, A., Tseng, T., Mohler, M., Clesi, A., Lewis, L., Volaufova, J., **Sothorn, M.**, Identifying differences in knowledge, attitudes & self-efficacy of preschool childcare providers: are these

- measures associated with nutrition & feeding practices in childcare centers? The Obesity Society Annual Scientific Meeting, Atlanta, GA, October, 2013.
40. Tseng, T., Bonis, M., Arguello, A., Volaufova, J., Velasco-Gonzalez, C., Clesi, A., Lewis, L., **Sothorn, M.** Racial disparities in sugary drink consumption in preschool children in Louisiana. The Obesity Society Annual Scientific Meeting, Atlanta, GA, October, 2013.
  41. 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.
  42. Powell-Young, Y.M., Zabaleta, J., Velasco-Gonzalez, C. & **Sothorn, M.** (2013, February). Pediatric obesity risk and genetic variation in the  $\beta$ 2-adrenergic receptor (ADRB2) gene, Southern Nurses Research Society Annual Conference, Little Rock, AK, 2013.
  43. 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.
  44. Bonis, M., Loftin, M., Ward, D., Lewis, L., Volaufova, J., Tseng, T., Clesi, A., Mohler, M., Arguello, A., **Sothorn, M.**, Increased Physical Activity by Accelerometry in Pre-school Daycare Centers Following Implementation of the NAPSACC Program, American College of Sports Medicine, Indianapolis, IN, May, 2013.
  45. 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.
  46. Mohler, M., Volaufova, J., Tseng, T., Nuss, H., Scribner, R. & **Sothorn, M.** Preschool Obesity is Inversely Associated with Outdoor Play, Vegetable Intake and Grocery Store Access. Society for Public Health Education, Orlando, FL, April, 2013.
  47. Mohler, M., Tseng, T., Arguello, M. & **Sothorn, M.** Racial disparities in obesity among Louisiana preschool aged children. Xavier Health Disparities Conference, March, 2013.
  48. Bonis, M., Loftin, M., Ward, D., Lewis, L., Volaufova, J., Tseng, T., Clesi, A., Mohler, M., Arguello, A., **Sothorn, M.**, Increased Physical Activity by Accelerometry in Pre-school Daycare Centers Following Implementation of the NAPSACC Program, American College of Sports Medicine, Indianapolis, IN, 30 May 2013.
  49. Zabaleta, J. Estrada, J., Ravussin, E., Larson-Meyer, E., Velasco-Gonzalez, C., Pelligrino, N. Augustus, A., Bennett, B., Powell-Young, Y., Boulares, H., **Sothorn, S.**, *Role of Ghrelin in Inflammation in Healthy Pre-pubertal Children*, The Obesity Society, 2012, San Antonio, TX.
  50. Powell-Young, Y., **Sothorn, M.**, Ravussin, E., Zabaleta, J., Velasco, C., Larson-Meyer, E., Bennett, B., Pelligrino, N., Augustus, A., Boulares, H., Estrada, J. *Resistin is Associated with Pro-inflammatory Adipokines in Healthy Pre-pubertal Youth*, The Obesity Society, 2012, San Antonio, TX.
  51. Pelligrino N, Velasco-Gonzalez C, **Sothorn MS**, Zabaleta J, Bennett B, Larson-Meyer E, Augustus A, Boulares H, Estrada J. Race and gender disparities in body composition and inflammatory correlates in prepubertal Youth. NIH Science of Eliminating Health Disparities Summit, Washington, D.C., 1 November 2012.
  52. **Sothorn MS**, Boulares H, Estrada J. Obesity as an inflammatory disease: An integrative model for research and treatment. NIH Science of Eliminating Health Disparities Summit, Washington, D.C., 1 November 2012.
  53. Zabaleta J, Velasco-Gonzalez C, Augustus A, Bennett B, Pelligrino N, Estrada J, Boulares H, Larson-Meyer E, **Sothorn MS**. Correlation between inflammatory markers and obesity parameters in pre-pubertal kids. NIH Science of Eliminating Health Disparities Summit, Washington, D.C., 2 November 2012.

54. Zabaleta J, Koochekpour, S. Profiles of methylation in normal and malignant prostate tissue reveal differential cellular processes and gene networks associated with disease in African American and Caucasian Males. NIH Science of Eliminating Health Disparities Summit, Washington, D.C., 2 November 2012.
55. Powell-Young, Y.M., **Sothorn**, M.S., Velasco-Gonzalez, C., Estrada, J., Zabaleta, J. Allele frequency disparities in  $\beta$ 2-Adrenergic Receptor (ADRB2) gene: Implications for pediatric obesity risk among African Americans. NIH Science of Eliminating Health Disparities Summit, Washington, D.C., 2 November 2012.
56. Augustus A, **Sothorn** MS, Zabaleta J, Velasco-Gonzalez C, Boulares H, Happel K, Powell-Young Y, Pelligrino N, Estrada J. Feasibility of a vitamin D nutritional intervention in asthmatic and non-asthmatic obese African American adolescent females. NIH Science of Eliminating Health Disparities Summit, Washington, D.C., 1 November 2012.
57. Powell-Young, Y., **Sothorn**, M., Zabaleta, J., Estrada, J. *Risk of overweight and low socioeconomic status on global self-esteem among African American Adolescent Girls*, The Obesity Society, 2011, Orlando, FL
58. Burns, M., Brown, C., Tortu, S., Nuss, H., **Sothorn**, M. *Makin' Groceries: A community-Based School Garden Intervention*, The Obesity Society, 2011, Orlando, FL
59. Bonis, M., Loftin, M., **Sothorn** M. Allometric scaling of body composition components to predict bone mineral density (BMD) in female adolescents, American College of Sports Medicine, 2011, Orlando, FL.
60. Thierry A, Jack, L. Valliere, M, Easley, A, **Sothorn**, M, Macklin. *Building partnerships using an ecological approach to promote environmental change for obesity prevention in an elementary school setting*. American Public Health Association, 2011, Washington, D.C.
61. **Sothorn** M, Larson-Meyer E, Bennett B, Volaufova J, Soros A, Cefalu WT, Chalew S, DeJong L, Gordon S, Smith SR, Newcomer B, Goran M, Ravussin E. *Early mechanisms of the metabolic syndrome in youth*, International Association for the Study of Obesity, Stockholm, Sweden, 2010.
62. Bennett, B., Larson-Meyer, E., Volaufova, J., Soros, A., Ravussin, E., Cefalu, WT., Chalew, S., Gordon, S., Smith SR., Newcomer, BR., Goran M., Bruno, K., Slaughter, D., **Sothorn**, M. Elevated Ectopic Fat and Impaired Insulin Sensitivity in Obese Versus Non-Obese Pre-pubertal Youth. The Obesity Society, 2009, Washington, D.C.
63. McAllister, E., **Sothorn**, M., Larson-Meyer, E., Bennett, B., Soros, A., Cefalu, WT., Reinhart, G., Dhurandhar N. In children, infection with adenovirus Ad36 is associated with better metabolic profile. The Obesity Society, 2009, Washington, D.C.
64. Bennett B., Volaufova J., Chalew S., Soros A., Larson-Meyer E., Ravussin E., Cefalu W., Levitan L., Gordon S., Smith S., Newcomer B., Slaughter D., **Sothorn** M. Early Markers for the Metabolic Syndrome in Youth. American Diabetes Association, 2009, New Orleans, LA
65. Soros, A., Chalew, S., Bennett, B., Volaufova, J., Cefalu, W., Larsen-Meyer, E., Vargas, A., **Sothorn**, M. Hypoglycemia During Frequently Sampled Intravenous Glucose Tolerance Test in Pre-pubertal Children. American Diabetes Association, 2009, New Orleans, LA
66. Larson-Meyer, E., Newcomer, B., Volaufova, J., Chalew, S., Cefalu, W., Bennett, B., Ravussin, E., and **Sothorn**, M. Intrahepatic but not Intramyocellular Ectopic Fat is a Determinant of Insulin Resistance in Prepubertal Children. American Diabetes Association, 2009, New Orleans, LA
67. Tompkins, C., Loftin, M., Volaufova, J., Chalew, S., Bennett, B., Vargas, A., Gordon, S., Larson-Meyer, E., **Sothorn**, M. Low Physical Activity Promotes Insulin Resistance through Impaired Fat Oxidation in Prepubertal Children, The Obesity Society, 2008, Phoenix, AZ.
68. Bennett, B., Tompkins, C., Volaufova, J., Chalew, S., Vargas, A., Gordon, S., **Sothorn**, M. Prevalence of Advanced Maturation and Prescription Medication Use in Prepubertal Children, The Obesity Society, 2008, Phoenix, AZ.
69. VanVrancken-Tompkins, C., Volaufova, J., Bennett, B., Ravussin, E., Goran, M., Chalew, S.,

- Soros, A., Cefalu, W., Gordon, S., Loftin, M., Levitan, L., **Sothorn, M.** The Influence of Race, Breastfeeding, Birth Weight and Mother's Pregnancy Weight on Potential Markers for the Metabolic Syndrome in Prepubertal Youth, The Obesity Society, October, 2007, New Orleans, LA.
70. Bennett, B., VanVrancken-Tompkins, C., Volaufova, J., Chalew, S., Cefalu, W., Gordon, S., Levitan, L., Larson-Meyer, E., Newcomer, B., Loftin, M, **Sothorn, M.** The Influence of Race and Physical Activity on Lipid Profiles and Blood Pressure in Prepubertal Youth, The Obesity Society, October, 2007, New Orleans, LA.
71. VanVrancken-Tompkins, C., Loftin, M., Bennett, B, Volaufova, J., **Sothorn, M.** VO<sub>2</sub> max in obese children with varying levels of overweight. American College of Sports Medicine, 2007, New Orleans, Louisiana
72. **Sothorn, M**, VanVrancken-Tompkins, C, Chalew, S, Cefalu, W., Larson-Meyer, E<sup>1</sup>, Newcomer, B<sup>2</sup>, Volaufova, J. <sup>3,4</sup> Racial Differences in the Relationship of Birth Weight to the Metabolic Syndrome in Pre-pubertal Youth. American College of Sports Medicine, 2007, New Orleans, Louisiana
73. Bedimo-Rung AL, Thomson J, Tompkins B, Gustat J, Strikmiller P, Swalm C, Mowen A, **Sothorn M.** Hurricane Katrina, Parks, and Park Use. Oral presentation in Special Event: Opportunities to Promote Physical Activity in New Orleans after Katrina (Special Event B-07, abstract 81) American College of Sports Medicine Annual Meeting, 2007, New Orleans, Louisiana.
74. **Sothorn, M** , Chalew, S, Larson-Meyer, E, Newcomer, B, Goran, M ., Cefalu, W, VanVrancken-Tompkins, C, Volaufova, J. , Ravussin, E. Markers for the metabolic syndrome in normal and overweight, 7-9 y old youth, The Obesity Society, October, 2006, Boston, MA.
75. VanVrancken-Tompkins, C., Loftin, J., Volaufova, J., Lambert, T., Clark-Lebeouf, M., **Sothorn, M.** Gender and Racial Differences in VO<sub>2</sub>max in Overweight Youth, The Obesity Society, October, 2006, Boston, MA.
76. **Sothorn, M**, Newton, R, Anton S, Martin<sup>2</sup>, C, Han H, Lewis L, Williamson, D. The inclusion of indoor and outdoor physical activity centers to promote unstructured play in 2-6<sup>th</sup> grade youth. The Obesity Society, October, 2006, Boston, MA.
77. Bedimo-Rung, A. Thompson, J., Mowen, A., Gustat, J. Tompkins, B., **Sothorn, M.** The Condition of Neighborhood Parks Following Hurricane Katrina, The Obesity Society, October, 2006, Boston, MA.
78. Larson-Meyer, E., Newcomer, B., Ravussin, E., Chalew, S., Cefallu, W., VanVrancken-Tomplins, C. and **Sothorn, M.** Intramyocellular and intrahepatic lipids in normal and overweight, 7-9 year old girls, International Association for the Study of Obesity, September, 2006, Sydney, Australia..
79. Daniels, S., **Sothorn, M.**, Vargas-Rodriguez, I., Harris, L., Hewkin, A., Jasinsky, O., Blakesley, V. *Changes in Vital Signs by BMI Response Category in a Double-Blind, Placebo-Controlled Study to Evaluate Treatment of Obese Adolescents with Sibutramine* 14th European Congress on Obesity, Athens, Greece, June, 2005.
80. **Sothorn, M.**, Loftin, M., VanVrancken, C., Singley, C., Udall, J. the impact of a high protein versus balanced low calorie meal replacement diet on body composition and aerobic fitness in overweight adolescents and adults. North American Association for the Study of Obesity, Las Vegas, Nevada, November, 2004.
81. **Sothorn, M.**, Carlisle, L., Gordon, S., Loftin, M., Eroglu, G., Udall, J. Prevalence of Asthma among Severely Overweight Youth: Differences by Race and Gender, North American Association for the Study of Obesity, Fort Lauderdale, FL, October, 2003
82. 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.
83. **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.

84. **Sothern, 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.
85. **Sothern, 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.
86. **Sothern, 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.
87. **Sothern, 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.
88. Torres, M., Van Vrancken, C., Tuuri, G., Udall, J., & **Sothern, 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. NOPD Night Out Against Crime Kickoff – LSUHSC Physical Activity and Nutrition Station, 2014 to present
- B. State Alliance of YMCA's – Trim Kids Pediatric Weight Management Program dissemination, November, 2008-to present
- C. Greater New Orleans Region YMCA's – Trim Kids Pediatric Weight Management Program dissemination, July 2007 to present.
- D. Scientific Consultant: Louisiana State Senate – Senator Paulette Irons,
- E. Scientific Consultant: Louisiana State House of Representatives
- F. Scientific Consultant, Adolescent School Health Program, Louisiana State Office of Public Health
- G. Volunteer after school exercise instructor – New Orleans Public Schools
- H. Volunteer instructor for New Orleans Public Schools Physical Education teachers: How to exercise obese children safely and effectively.
- I. Vice-president and founder, Metairieville Civic Association, Metairie, LA. 1999 to 2001.

#### **4. Institution – University Service:**

- A. Develop and implement “Healthy Together” nutrition and exercise intervention program for pre-diabetic and diabetic adolescents in collaboration with LSUHSC Pediatrics, Allied Health, Human Development Center and Children’s Hospital NO, January 2019 to present
- B. IPE course development – Pediatric Obesity Case, 2016 to present
- C. HCSD Diabetes Working Group – Provide expertise and guidance, April, 2017 to present
- D. Member, Institutional Review Board, LSUHSC Clinical Translational Research Center, 2010 to present.
- E. Academic Program Director, Behavioral and Community Health Sciences Program, LSUHSC, School of Public Health, July, 2012 to 2014.
- F. Member, Research Committee, LSUHSC, School of Public Health, July, 2012 to present.
- G. LSUHSC, School of Public Health Grant Seekers Faculty Program Facilitator, July 2012 to present.
- H. Member, Promotion and Tenure Committee, LSUHSC, School of Public Health, May 2008 to 2012.
- I. Member, Curriculum and Evaluation Committee, LSUHSC, School of Public Health, August, 2004 to 2007 and 2008-2009.
- J. Chair and Member, Curriculum and Evaluation Committee, Department of Behavioral and Community Health, LSUHSC, School of Public Health, February, 2005 to present
- K. Member, Student Admissions Committee, Department of Behavioral and Community Health, LSUHSC, School of Public Health, February, 2005 to present
- L. Member, Advisory Board, The Wellness Place, LSUHSC, School of Public Health, April, 2005 to present
- M. Member, Faculty Recruitment Committee, LSUHSC, School of Public Health, August, 2004 to present
- N. Co-Mentor, *Training translational researchers in Louisiana* (COBRA): Lauren Keely Carlisle, MD, MS, Stanley S. Scott Cancer Center, LSUHSC, June, 2004 to present
- O. Participant, Cancer Center’s Epidemiology, Prevention and Control (EPC) program, June, 2004 to present
- P. Faculty Member: LSUHSC, Department of Pediatrics, Division of GI Nutrition, Fellowship Program, June, 2004 to present.
- Q. Faculty Member: LSUHSC, Department of Pediatrics, Division of Endocrinology, Fellowship Program, June, 2004 to present.
- R. Adjunct Faculty Member: Clinical Nutrition Research Unit, Pennington Biomedical Research Center, November, 2004 to present.
- S. Supervision of post doctoral nutrition fellowship for the Department of Pediatrics, LSUHSC
- T. Supervision of practicum students and graduate assistants for the Department of Human Performance and Health Promotion University of New Orleans – 1992 to present.
- U. Supervision of internships of graduate students from the Department of Kinesiology, University of Minnesota, Minnesota, MN, 2000 to present.
- V. Supervision of graduate students from the Department of Kinesiology, Louisiana State University, Baton Rouge, LA. 1998 to present.
- W. Supervision of graduate students from the Department of Kinesiology, Northwestern University, 1999 to present.
- X. Member, Search Committee – Associate Vice Chancellor of Research, LSUHSC, July, 2005 to 2007.

#### **b. Grant Reviewing:**

1. National Institutes of Health LaCats Round 6 Pilot Grants Program: December, 2017

2. National Institutes of Health (NIH), 2014/ ZDK1 GRB-6 O3 1, Psychosocial Issues and Bariatric Surgery, 2015
3. National Institutes of Health (NIH), Special Emphasis Panel, 2013/ZRG1 EMNR-2 (02) Member Conflict Special Emphasis Panel meeting, Diane Camp, Ph.D. SRO
4. National Institutes of Health (NIH), Special Emphasis Panel, 2011/ZRG1 RPHB-Q (90), Monica A. Basco, Ph.D. SRO
5. National Institutes of Health (NIH), Clinical and Integrative Diabetes and Obesity Study Section, February, 2010/NIDDK/CIDO. Nancy Sheard
6. National Institutes of Health (NIH), Challenge Grants, August, 2009
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 Special Emphasis Panel 2008/NIDDK- RO1DK Adolescent Bariatric Surgery Ancillary Studies. CG Robinson
9. National Institutes of Health (NIH) Center for Scientific Review Loan Repayment Applications Panel 2007 Council 1L40 DK.
10. National Institutes of Health (NIH) Center for Scientific Review Special Emphasis Panel 2007/NIDDK- RO1DK Adolescent Bariatric Surgery Ancillary Studies. CG. Robinson
11. 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".
12. 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".
13. 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
14. 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
15. 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
16. 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
17. Thrasher Foundation, July, 2002.
18. 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 (147 of a total of 314):

1. Interviewed Expert: WWL-TV Weight Loss Wednesdays: Cryotherapy, May, 2019
2. Interviewed Expert: WWL-TV Weight Loss Wednesdays: The Keto Diet, April, 2019
3. Interviewed Expert: WWL-Radio, Sedentary Behavior and Increased Mortality, April, 2019
4. Interviewed Expert: WWL-Radio, Soft Drinks and Health Risks, March, 2019.
5. Interviewed Expert: WWL-TV Weight Loss Wednesdays: The Secret Behind One Women's 145 lb Weight Loss, February, 2019
6. Interviewed Expert: Health Day: News for Healthier Living: Weight Loss for Children: A Family Affair, January, 2019
7. Interviewed Expert: News – Medical Life Sciences, LSU Health research may lead to a change in worldwide obesity prevention strategy, August, 2018
8. Interviewed Expert: FOX 8, WVUE: Meg Gatto talks with Dr. Melinda Sothern, M.D. about how childhood obesity may be linked to cancer in young adults, July, 2018
9. Interviewed Expert: Healthy Living Ocala Style Magazine - Rough Start: Childhood Obesity



- Makes for Grim Future by Cynthia McFarland, July, 2018
10. Interviewed Expert: FOX 8, WVUE, Sugar Wrinkles: A special report, June, 2018
  11. Interviewed Expert: WWL-TV New Orleans – Can a simple genetic test be the key to weight loss, June, 2018
  12. Interviewed Expert: FOX 8, WVUE, Teens Get Less Exercise than the Average 60-year Old, June, 2018
  13. Interviewed Expert: FOX 8, WVUE, Childhood Obesity may be Linked to Cancer in Adults, April, 2018.
  14. Interviewed Expert: WWL-Radio, Higher Risk of Cancer in Young Adults Thanks to Obesity, March, 2018.
  15. Interviewed Expert: NPR – No Downturn in Obesity Among Us Kids, Report Finds, February, 2018
  16. Interviewed Expert: WWL-TV New Orleans – Could intermittent fasting help you lose weight? February, 2018
  17. Interviewed Expert: Beach Body Magazine- Why Your Weight Lifting Routine Isn't Making you Bigger, January, 2018.
  18. Interviewed Expert: FOX 8, WVUE - 10 Tips to Keep Your New Year's Resolution to Get Fit, January, 2018.
  19. Interviewed Expert: FOX 8, WVUE - 8 Tips for Boosting Your Activity Levels, November, 2017
  20. Interviewed Expert: WWL-TV New Orleans – Getting the “good” bacteria into your system, September, 2017.
  21. Interviewed Expert: FOX 8, WVUE, LSU researchers make discovery with potential to cure obesity, diabetes, September, 2017.
  22. Interviewed Expert: The Spud Show – Childhood Obesity, August, 2017 Interviewed Expert: Parents Magazine- A Big problem: How to Talk to your Child About Losing Weight, August, 2017.
  23. Interviewed Expert: WWL-TV New Orleans – When and how should school's intervene with obese children, August, 2017
  24. Interviewed Expert: Self.com – Three Small Weight Training Changes, May, 2017
  25. Interviewed Expert: WWL-TV New Orleans – Former lawmaker's weight loss wake-up call changed his life, April, 2017
  26. Interviewed Expert: America's fattest cities, Wallet Hub, March, 2017
  27. Interviewed Expert: Science Daily – First Study to Demonstrate that Parents Concern about Neighborhood Safety Restricts Outdoor Play, January, 2017
  28. Interviewed Expert: Fox News, Science Daily John Hopkins Newsletter,, Sugary Beverages and Cancer Risk, October, 2016
  29. Interviewed Expert: WWL-TV New Orleans, No homework: Local doctors talk about a national debate, September, 2016.
  30. Interviewed Expert: Medicine Net.com, Ways to Raise “Food Smart” Kids, June, 2016
  31. Interviewed Expert: Live Science: Go Outside and Play – Tips to Get Kids Moving, May, 2016
  32. Interviewed Expert: WWL-TV Medical News: Weight Loss Wednesdays – Women Finds Local Options for Health Meals, May, 2016
  33. Interviewed Expert: Times Picayunne - NOLA.com, Poverty Doesn't Increase Obesity Odds for Children, March, 2016.
  34. Interviewed Expert: Science Daily, Early Childhood Offers Opportunity to Head Off Metabolic Syndrome, March 2016.
  35. Interviewed Expert: Health Day, Weight Loss for Children: A Family Affair, January, 2016
  36. Interviewed Expert: WWL-TV Medical News: Weight Loss Wednesdays, Women Loses Half her Weight with Aggressive Program, May, 2015

37. Interviewed Expert: Medicinelink.net: Food Smart Kids, May, 2015
38. Interviewed Expert: Health Day: News for Healthier Living - Weight Loss for Children: A Family Affair, March, 2015
39. Interviewed Expert: Health Day: News for Healthier Living – The Sedentary Bunch, March 2015
40. Interviewed Expert: Diabetes Journal: Tips for Exercising at Home, November 2014.
41. Interviewed Expert WWL-TV Medical News: No Grain Diet Helped Save Ex-reporter's life, November, 2014
42. Interviewed Expert; U.S. News Health Day: STUDY EXAMINES FAMILY DYNAMICS AT MEALTIMES FOR CLUES ON CHILDREN'S WEIGHT, October, 2014.
43. Interviewed Expert; WWL-Radio New Orleans News: Increasing waist size linked to breast cancer risk in women, September, 2014.
44. Interviewed Expert; WWL-Radio New Orleans News: CDC study: Americans' bellies are expanding fast, September, 2014.
45. Interviewed Expert; Everydayhealth.com: Diabetes management home exercise strategies, September, 2014.
46. Interviewed Expert: Diabetes Forecast: Eight Ways to Get Kids to Exercise, August, 2014
47. Interviewed Expert; WWL-TV New Orleans Medical News; LSUHSC RESEARCH SHOWS PROGRAM TO COMBAT CHILDHOOD OBESITY GETS KIDS IN DAYCARE MOVING, August, 2014
48. Interviewed Expert: Eurek Alert: The Global Source for Science News – Sothern Pens New Book, July, 2014
49. Interviewed Expert; WWL-Radio New Orleans News: Child siblings may influence each other's obesity risk, July, 2014.
50. Interviewed Expert: WWL-Radio New Orleans – The Angela Show: Overweight Kids and Exercise, July, 2014.
51. Interviewed Expert; WWL-TV New Orleans Medical News: Exercise including weight lifting crucial for overweight, obese children, July, 2014.
52. Interviewed Expert WVUE-Fox-8 News: Overeating and the brain, May, 2014.
53. Interviewed Expert WVUE-Fox-8 News: Fox 8 Special Report, Bigger Portions- Smaller Brains, May, 2014.
54. Interviewed Expert; WWL-Radio New Orleans News: Children and lack of sleep equals obesity, May, 2014
55. 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.
56. Interviewed Expert; WWL-Radio New Orleans News: Being out of shape could be bad for memory, May, 2014.
57. 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/>
58. 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/>
59. 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/>
60. Interviewed Expert: USA Today: American Heart Association Statement on Severe Childhood Obesity, September, 2013.
61. Interviewed Expert: USA Today: Eating Disorders in Adolescents With a History of Obesity, September 2013.
62. 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/>)
63. Interviewed Expert: Denver Post, 1950's Women May Have Triggered Obesity Epidemic, June, 2013
  64. Interviewed Expert, WWL-Radio, New Orleans, LA, Weight Loss Surgery, May, 2013
  65. Interviewed Expert, WWL-Radio, New Orleans, LA, Obesity on the Menu for Kids, April, 2013
  66. Interviewed Expert, WWL-Radio, New Orleans, LA, The Fat Trap: Genetics of Obesity, March, 2013
  67. Interviewed Expert, WWL-Radio, New Orleans, LA, Distracted Eating: Dining in Front of the TV Makes You Eat More, March, 2013
  68. Interviewed Expert, WWL-Radio, New Orleans, LA, Should You Work Out with a Cold?, February, 2013
  69. Louisiana Health Care Journal, LSUHSC Research Seeks Keys to Future Obesity, February, 2013
  70. Interviewed Expert WVUE-TV New Orleans, Shaping Your Health: Apple versus Pear Shapes and Obesity, February, 2013
  71. Interviewed Expert, USA Today, Pick the Best Diet Plan for You, January 3013.
  72. Interviewed Expert: WWL-Radio, New Orleans, LA, Exercise and Obesity, January, 2013
  73. Interviewed Expert: American Schools of Public Health (ASPH) Letter, LSUHSC Collaborates with West Indies, January, 2013
  74. Interviewed Expert: USA Today, Pick the Best Diet Plan for You, December 2012
  75. Interviewed Expert: The Advocate, LSUHSC Researcher to Study Obesity, December, 2012
  76. Interviewed Expert, WWL-TV: Weight Loss Clinic Says You Can Lose Weight Without Exercise, but Does it Work? November, 2012.
  77. Interviewed Expert, Discovery News, What Makes a State Fat or Thin, August, 2012  
<http://news.discovery.com/human/obesity-states-geography-120817.html>
  78. Interviewed Expert, WWL-Radio, New Orleans, LA, New Analysis Indicates America Remains Obese, August, 2012
  79. Interviewed Expert: Times Picayunne, New Orleans, LA, Statewide Plan Urged to Curb Obesity Level, Louisianians Among Fattest in the Nation, August, 2012.
  80. Interviewed Expert: WRNO-Radio, New Orleans, LA, Statewide Plan for Obesity Prevention is Needed, August, 2012
  81. Interviewed Expert: Best Food Facts (bestfoodfacts.org), Does Fatty Food Cause Brain Damage? August, 2012
  82. Interviewed Expert: National Press Radio, A Dire Sign of the Obesity Epidemic: Teens Diabetes Soaring, Study Finds, May, 2012
  83. Interviewed Expert: Health Day: News for Healthy Living, Weight Loss for Children: A Family Affair, May, 2012
  84. Interviewed Expert: Good News Baltimore and WebMD, 10 Ways to Raise Food Smart Kids, May, 2012
  85. Interviewed Expert: WWL-Radio, Study: Long Commute Means a Larger Waste, May, 2012
  86. Interviewed Expert: How NOT to work out with your kid, Philly.com Healthy Kids Blog, May, 2012
  87. Interviewed Expert: WWL-TV, New Orleans, LA, Study Focuses on Correlation between Overweight Teens and Asthma, April, 2012
  88. Interviewed Expert: Best Food Facts.Org: Food for Thought, Do Fatty Foods Cause Brain Damage, March, 2012
  89. Interviewed Expert: Medical XPress, National Commitment to Recess, Health Food, Environment and Research are Keys to Childhood Obesity, February, 2012
  90. Interviewed Expert: WWL-TV: Weight Loss Wednesdays: New Diets for Obesity is Unsafe,

January, 2011.

91. Interviewed Expert: LA Times, Obesity Epidemic May Have Roots in the 1950's, December, 2011
92. Interviewed Expert: USA Today, Uphill Climb for Obese Kids, Parents, November, 2011
93. Interviewed Expert, The Advocate, Childhood Obesity, September, 2011
94. Interviewed Expert: Science Daily, Medical Xpress, Bioportfolio, The Advocate, Pediatric, Chancellor's Notes, etc: Childhood Obesity and Excess Liver Fat Promotes Type 2 Diabetes: Results of the MET study, August, 2011.
95. Interviewed Expert: WebMD: How do Parents Discuss Overweight Conditions with their Children, August, 2011.
96. Interviewed Expert: WWL-TV Medical Watch and WAFF-TV Medical News: Obese 7-year olds with Fatty Liver are at-risk for Diabetes: Results of the MET Study, August, 2011.
97. Interviewed Expert: WWL-TV Medical Watch, Health Fat during Pregnancy and Infant Health, August, 2011.
98. Interviewed Expert: WWL-TV Medical Watch: Overweight Babies and Diabetes, August, 2011.
99. Interviewed Expert: WWL-TV: Weight Loss Wednesdays: Parenting Obese Children and Fetal Programming, July, 2011.
100. Interviewed Expert: USA Today, Family Summer Fitness, June, 2011
101. Interviewed Expert: The Psychology Times, Dr. Melinda Sothern's Trim Kids Program, June, 2011
102. Interviewed Expert: Detroit Free Press, How to Talk to Your Overweight Child, May, 2010.
103. Interviewed Expert: WWL-TV Morning Show: Weight Loss Wednesdays: Metabolic RX Therapy, April, 2010
104. 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/))
105. 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))
106. 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))
107. Interviewed Expert: WWL-TV Morning Show: Weight Loss Wednesdays: Exercise for Weight Maintenance, February, 2010.
108. Interviewed Expert: LA Times: The Link Between Childhood Obesity and Parental Neglect and Abuse, December, 2009
109. 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>)
110. Interviewed Expert: Gambit Magazine, Melinda Sothern on Childhood Obesity, August, 2009 (<http://bestofneworleans.com/gyrobase/Content?oid=oid%3A62428>)
111. 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))
112. 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))
113. Interviewed Expert: WWL-TV Morning Show: Findings from the study: Early Markers for the Metabolic Syndrome in Pre-pubertal Youth, June, 2009.
114. Interviewed Expert: WWL-Radio: Childhood Obesity: Outdoor Play, June, 2009

115. Interviewed Expert: WWL-TV Weight Loss Wednesdays: Volumetrics, May, 2009
116. Interviewed Expert: WWL-TV Weight Loss Wednesdays: X-Tend and Pilates for Weight Loss, May, 2009
117. Interviewed Expert: WWL-TV Weight Loss Wednesdays: Relapse after Weight Loss, May, 2009
118. Interviewed Expert: WWL-TV Weight Loss Wednesdays: Ali (Orlistat) for Weight Loss, Feb, 2009
119. Interviewed Expert: USA Today: Childhood Obesity and Headaches, October, 2008
120. Interviewed Expert: WWL-Radio: Childhood Obesity: It's Causes and Consequences, June, 2008
121. Interviewed Expert: Radio Disney: Diabetes prevention in children, June, 2008.
122. Interviewed Expert: WWL-Radio: Childhood Obesity and Parents' Perception, May, 2008
123. Interviewed Expert: WWL-TV Weight Loss Wednesdays: Circuit Training for Weight Loss, May, 2008.
124. Interviewed Expert: WWL-TV Weight Loss Wednesdays: Energy expenditure and assisted movement equipment, May, 2008.
125. Interviewed Expert: WWL-TV Weight Loss Wednesdays: Fiber rich diets and exercise, May, 2008.
126. Interviewed Expert: The Washington Post, Obesity and Related Disease during childhood, January, 2008.
127. Interviewed Expert: The Washington Post, Childhood Obesity and Hypertension, October, 2007.
128. Interviewed Expert: USA Today, Childhood Obesity and Genetics, October, 2007.
129. Interviewed Expert: WWL-TV Morning Show: Early Nutrition and Childhood Obesity, June, 2007
130. Interviewed Expert, Physical Activity in Children, Parents Magazine, March, 2007
131. Interviewed Expert, CNN-Sanjay Gupta Show – Child Abuse, Obesity and Parents, February, 2007
132. Interviewed Expert, Diabetes Educator , Weight Loss Myths, November, 2006
133. Interviewed Expert: Prevention Magazine, Walking Programs for Children, April, 2006.
134. Interviewed Expert: CNN-Sanjay Gupta Show – Childhood Obesity and Schools, March, 2006
135. Interviewed Expert: Working Mother Magazine, Keeping kids physically active in a high tech world, February, 2006.
136. Interviewed Expert: CNN, Sports Drinks for Children, October, 2005.
137. Interviewed Expert: British Broadcasting Company, Childhood Obesity in the U.K., July, 2005
138. Interviewed Expert: Ladies Home Journal: Walking to School to Prevent Obesity in Youth, July, 2005.
139. Interviewed Expert: Web MD, Childhood Obesity Studies from the U.S. Preventive Services Task Force, July, 2005.
140. Interviewed Expert: USA Today, Are Diets Safe for Overweight Children, June, 2005.
141. Interviewed Expert: Better Homes and Garden/Prevention Magazine: Family Walking, May, 2005.
142. Interviewed Expert, New York Times: Inpatient Treatment of Obesity, March, 2005.
143. Interviewed Expert, iParenting.com: Overweight Children and Fitness, February, 2005.
144. Interviewed Expert, USA Today: Mother's Weight Impacts Risk for Childhood Obesity, February, 2005.
145. Interviewed Expert, Nicolodeon TV: Nick News: Childhood Obesity, February, 2005

146. Interviewed Expert, USA Today, Book Review: Trim Kids, January, 2005
147. Interviewed Expert, Delicious Living magazine, Physical Activity and Children, November, 2004
148. Interviewed Expert, iparenting media, Fitness Equipment and Children, August, 2004
149. Interviewed Expert, The Oprah Show, October, 2000, Childhood Obesity and Exercise, [http://www.oprah.com/tows/pastshows/tows\\_2000/tows\\_past\\_20001018\\_d.html](http://www.oprah.com/tows/pastshows/tows_2000/tows_past_20001018_d.html)
150. 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 November 2019
2. Associate Editor, Pediatric Obesity, 2011 to 2012
3. Editorial Board Member, Pediatric Obesity, 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; Fall, 2018)
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; Fall, 2018)
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); Spring, 2016 (2 students), Fall, 2016, (2 students), Spring, 2017 (1 student), Fall, 2018 (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, 3rd year
  - b. Kara Dentro, 4th year
  - c. Maura Mohler (2016) awarded an NIH/NICHD post-doctoral award
2. Advisor, Capstone Supervisor and Albert Schweitzer sponsor to graduate students pursuing Masters in Public Health, Fall, 2005 to present
  - a. Nicole Dominique (Albert Schweitzer Fellowship)
  - b. Madeline Shaw
  - c. Jackson Fritz
  - d. Amanda Mitchell, 2018 (Delta Omega Honorary Society in Public Health student inductee)
  - e. Enijah Joe Smith, MPH/MSW, 2018
  - f. Hasheemah Afenah, 2017 (Dean's Award)
  - g. Helen Landau, 2017
  - h. Corbin Lemon, 2015
  - i. Lisa Staples (Albert Schweitzer Fellowship; Elizabeth T Fontham Service Award; 1st place in the Graduate Level Student Poster Competition at the XULA-COP

- 11th Health Disparities Conference)
  - j. Melanie Powers, 2014 (Delta Omega Honorary Society in Public Health student inductee)
  - k. Robert Uddo (2014)
  - l. Candice Fisher, 2013
  - m. Amanda Arguello, 2013 (Delta Omega Honorary Society in Public Health student inductee)
  - n. Tuandra Smith, 2013
  - o. Maura Mohler, 2012 (Delta Omega Honorary Society in Public Health student inductee)
  - p. Alexandria Alexis, 2012 (NIH Health Disparities Conference presenter)
  - q. Megan Burns, May 2011 (Chancellor's Award)
  - r. Jonathon Howe, May, 2009 (Awarded Best Poster Presentation)
  - s. Brian Bennett, May, 2008
  - t. Samah Sullivan, May, 2008 (Awarded Best Poster Presentation)
  - u. Toni Marie Jones, May, 2007
  - v. 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. Co-mentor, Nicole Fearnbach, Co-mentor, Pennington Biomedical Research Center: Post doc, 2019 to present
2. Fellowship Program Advisory Member: Carmen Mironovici, MD; LSUHSC, Department of Pediatrics, Division of GI Nutrition and Endocrinology, Fellowship Program.
3. Maura Mohler, NIH/NICHD post-doctoral award, LSUHSC and Pennington Biomedical Research Center
4. Mentor, Clinical Nutrition Research Unit, Pennington Biomedical Research Center: Post doc: Darcey Johannsen, PhD, April, 2009 to 2010
5. Co-mentor, LSUHSC, Department of Pediatrics, Division of Endocrinology, Fellow: Arlette Soros, MD
6. Faculty Member: LSUHSC, Department of Pediatrics, Division of GI Nutrition and Endocrinology, Fellowship Program.
7. 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.
8. 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.
9. 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 co-advisor Department of Community Health Science, School of Public Health, LSU Health Sciences Center, 2016 to present, Michelle Lawrence
2. PhD co-advisor Department of Community Health Science, School of Public Health, LSUHSC, 2015 to present, Kara Dentre.
3. PhD committee member, 2017 to present, Renee Underwood
4. PhD committee member, 2017 to present, Rebecca Atkinson
5. PhD advisor Department of Community Health Science, School of Public Health, LSU Health Sciences Center, 2012 to 2016, Maura Mohler.
6. PhD committee member, 2016 to 2019, Laura Cahill
7. PhD committee member, 2012 to 2016, Claire Hayes
8. PhD committee member, 2012 to 2017, Danelle Gillory
9. PhD committee member, 2015 to 2017, Melissa Golden
10. PhD committee member, 2016 to 2018, Kiva Fisher
11. Thesis committee member: Department of Behavioral and Community Health Science, School of Public Health, LSU Health Sciences Center, Maura Mohler, Spring, 2012
12. Thesis committee member: Department of Behavioral and Community Health Science, School of Public Health, LSU Health Sciences Center, Alexandria Alexis, Spring, 2012
13. Thesis advisor: Department of Behavioral and Community Health Science, School of Public Health, LSU Health Sciences Center: Megan Burns, May, 2011.
14. PhD advisor: Department of Community Health Science, School of Public Health, LSU Health Sciences Center, September, 2011 to 2013: Amanda Hammack
15. 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
16. PhD committee member LSU Department of Kinesiology: Madlyn Erin Frisard, October, 2005.
17. PhD committee member LSU Department of Human Ecology: Holly Spenser-Kihm, Weight based Teasing during Childhood and Adult Quality of Life, 2006.
18. Thesis committee member: UNO Department of Human Performance and Health Promotion, Tiffany Lambert, May, 2005.
19. Thesis committee member: UNO Dept. of Human Performance and Health Promotion: Connie Van Vrancken: Heart rate reserve in obese children.2000.
20. Thesis committee member: Brian Fagot: Health outcomes in obese pediatric patients in a clinical setting, Dec., 2000.
21. Thesis committee member: Madlyn Erin Frisard: Relationship between body mass index and forearm vascular resistance in obese adolescents, Dec., 1999.

#### **e. CME Courses (56 of a total of 272):**

1. Invited faculty: LSUHSC Department of Pediatrics Research Day Plenary Speaker: *Advances in Pediatric Obesity: A 30 Year Journey of Collaborative Translational Research in Medicine and Public Health*, May, 2019
2. Invited faculty: America Nutrition and Dietetic Association Certification in Pediatric Obesity Treatment, *Physical Activity as Treatment for Childhood Obesity*, Milwaukee, WI, May, 2019.
3. Invited lecture: Annual Dr. Linda Corson Jones Scholarship Day Epsilon Nu Chapter & Louisiana State University Health New Orleans School of Nursing, *Obesity and Metabolic Disorders in Developing Youth: Molecular and Social Determinants and Inflammatory and*

- Epigenetic Intervention Effects*, April, 2019, New Orleans, LA
4. Invited lecture: Childrens Hospital and Department of Pediatrics, School of Medicine, *Adapting the Trim Kids Weight Management Program for Pre-diabetic and Diabetic Children and Adolescents: Healthy Together Family Nutrition and Exercise Program*, New Orleans, February, 2019
  5. Invited lecture: The Obesity Society Annual Scientific Meeting, Symposium - Exercise Can You Work It Out: *Start a Movement: Patient Engagement for Activity*, November, 2018, Nashville, TN
  6. Invited faculty: America Nutrition and Dietetic Association Certification in Pediatric Obesity Treatment, *Physical Activity as Treatment for Childhood Obesity*, Pittsburgh, PA, November, 2018.
  7. Invited faculty: America Nutrition and Dietetic Association Certification in Pediatric Obesity Treatment, *Physical Activity as Treatment for Childhood Obesity*, Portland, OR, May, 2018.
  8. Invited faculty: America Nutrition and Dietetic Association Certification in Pediatric Obesity Treatment, *Physical Activity as Treatment for Childhood Obesity*, Memphis, TN, September, 2017.
  9. Invited faculty: America Nutrition and Dietetic Association Certification in Pediatric Obesity Treatment, *Physical Activity as Treatment for Childhood Obesity*, Hartford, CT, March, 2017.
  10. Invited Lecture/Webinar: American Public Health Association, *Innovative Approaches to Prevention and Management of Childhood Obesity*, November, 2016.
  11. Invited Lecture: Pennington Biomedical Research Center Childhood Obesity and Public Health Conference, *Preventing Obesity in the Early Years: Translating Evidence into Action: A Snapshot of Local NAP SAC Effectiveness*, Baton Rouge, LA, October, 2016.
  12. Invited Lecture: American Heart Association, *Global Childhood Obesity Prevention*, New Orleans, LA, October, 2016.
  13. Invited faculty: America Nutrition and Dietetic Association Certification in Pediatric Obesity Treatment, *Physical Activity as Treatment for Childhood Obesity*, Minneapolis, MN, September, 2016.
  14. Invited Lecture: Institute of Food Technologists: IFT16 Where Science Feeds Innovation, *Using Physical Activity as a Tool in Weight Management and Optimal Health*, Chicago, IL, July, 2016
  15. Invited Lecture: Tulane University Prevention Research Center, *Innovative Approaches to Prevention and Management of Childhood Obesity: Physiopathological Basis and Successful Interventions*, Tulane University School of Public Health and Tropical Medicine, New Orleans, LA, April 2016
  16. Invited Lecture: Boston Children's Hospital/Harvard University Pediatric Obesity Conference, *Why Won't Physical Activity Alone Cure Obesity*, Boston, MA, March, 2016
  17. Invited Lecture: Tulane University, New Orleans, LA, April, 2015.
  18. Invited Key Note Lectures (3): XVII Congress of the Latin American Pediatric Association - ALAPE 2015 in Lima, Peru, November, 2015
  19. Invited faculty: America Nutrition and Dietetic Association Certification in Pediatric Obesity Treatment, Buffalo, NY, September, 2015.
  20. Invited lecture: The Obesity Society (Obesity Week), *Creating a Healthy Home Environment for Children*, Boston, MA, November 2014.
  21. Invited faculty: Southeast Conference (SEC) Scientific Meeting, *Social Determinants, Pro-inflammatory and Obesity-related Metabolic Biomarkers in Developing Youth*, Atlanta, GA, September, 2014.
  22. Invited faculty: America Nutrition and Dietetic Association Certification in Pediatric Obesity Treatment, Newport Beach, CA, August, 2014.
  23. Invited faculty: Southeastern University, *Childhood Obesity: Current Status, Consequences and Solutions*, Slidell, LA, May, 2014

24. Invited faculty: School of Medicine Grand Rounds, Childhood Obesity: Current Status, Consequences and Solutions, LSUHSC, New Orleans, LA, March, 2014
25. 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.
26. Invited faculty: America Nutrition and Dietetic Association Certification in Pediatric Obesity Treatment, Denver, CO, Nov, 2013.
27. 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
28. Invited faculty: America Dietetic Association Certification in Pediatric Obesity Treatment, Little Rock Arkansas, May, 2013.
29. Invited faculty: National Minority Quality Forum, Prevention and Treatment of Childhood Obesity, Washington D.C, April, 2013.
30. Invited lecture: St. Vincent's Medical Center, Childhood Obesity, Carmel, IN, October 2012.
31. Invited faculty: America Dietetic Association Certification in Pediatric Obesity Treatment, Atlanta, GA, September, 2012.
32. Invited lecture: South Dakota State University, 29<sup>th</sup> Annual Health and Nutrition Conference, Brookings, South Dakota, March, 2012.
33. 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.
34. 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.
35. Invited faculty: America Dietetic Association Certification in Pediatric Obesity Treatment, Daytona Beach, FL, November, 2011.
36. Invited faculty: The Obesity Society CORE CME: Prevention and Management of Childhood Obesity in the Clinical Setting, Orlando, FL, October 2011
37. Distinguished Lecturer: Academic Distinction Fund, Baton Rouge, LA, September, 2011
38. Invited keynote lecture, United States Public Health Service Annual Meeting, *Public Health Leadership: The Key to a Healthier Nation*, New Orleans, LA, June, 2011.
39. Invited faculty: The Obesity Society CORE CME: Prevention and Management of Childhood Obesity in the Clinical Setting, October 2010
40. Invited lecture: The Obesity Society: Physical Activity—Does It Matter: It Makes a Difference in Children, October 2010.
41. Invited faculty: America Dietetic Association Certification in Pediatric Obesity Treatment, Cambridge, MA, April, 2010.
42. Invited faculty: America Dietetic Association Certification in Pediatric Obesity Treatment, Las Vegas, Nevada, November, 2009.
43. Invited Lecture: Very Low Energy Diets, The Obesity Society, Washington, D.C, October, 2009.
44. Invited Lecture: Physical Activity and Childhood Obesity, University of Kansas, Kansas City, MO, September, 2009
45. Invited faculty: America Dietetic Association Certification in Pediatric Obesity Treatment, Kansas City, MO, June, 2009.
46. Invited faculty: America Dietetic Association Certification in Pediatric Obesity Treatment, Newport Beach, CA, May, 2009
47. Invited Keynote Lecturer: Creighton University Medical Center, Clinical Management of Pediatric Obesity: Interdisciplinary Interactive Education Interventions, Omaha, Nebraska, March, 2009.

48. Invited Keynote Lecturer: Ohio University Medical Center, Diet, Exercise, Behavior: The Promise and Limits of Lifestyle Change, Columbus, OH, April, 2009.
49. Invited Keynote Lecturer: YMCA Expo, Trim Kids Program, Jacksonville, FL, February, 2009.
50. Invited Lecturer: Louisiana's Report Card on Children's Health-related Physical Activity, Pennington Biomedical Research Center, Baton Rouge, LA, October, 2008
51. Invited lecturer: Harvard Medical School: Practical Applications to the Treatment of Obesity, Boston, MA, June, 2008.
52. Invited faculty: America Dietetic Association Certification in Pediatric Obesity Treatment, Austin, TX, June, 2008.
53. Invited faculty: America Dietetic Association Certification in Pediatric Obesity Treatment, Dover, DE, May, 2008.
54. Invited faculty: America Dietetic Association Certification in Pediatric Obesity Treatment, Chicago, IL, April, 2008.
55. Invited faculty: American Heart Association Childhood Obesity Summit: Physical Activity, Sedentary Behaviors and Childhood Obesity, Arlington, VA, December, 2007.
56. Invited faculty: America Dietetic Association Certification in Pediatric Obesity Treatment, Chattanooga, TN, November, 2007.
57. 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.

#### **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.