**CURRICULUM VITAE: MICHAEL I GORAN PhD**

**DATE & PLACE OF BIRTH** July 19th 1961; Glasgow, Scotland

**CITIZENSHIP** Dual Nationality British/United States

**MARITAL STATUS** Married to Lori Lovoy-Goran (freelance film editor)

**CHILDREN** Colette Yael Goran (born September 19th, 2002)

Orla Pearl Goran (born December 29th, 2005)

**PRESENT APPOINTMENT**

* Professor of Pediatrics, Children’s Hospital of Los Angeles and Keck School of Medicine, University of Southern California, Los Angeles CA
* The Dr Robert C and Veronica Atkins Endowed Chair in Childhood Obesity and Diabetes
* Director, Program in Diabetes and Obesity, The Saban Research Institute, Children’s Hospital of Los Angeles
* Co-Director USC Diabetes and Obesity Research Institute
* Editor, *Pediatric Obesity; Current* Impact Factor = 4.0

**CONTACT INFORMATION**

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E-mail: [goran@usc.edu](mailto:goran@usc.edu)

Web-site: <http://www.GoranLab.com> (~4,000 visits/month)

Twitter: @michaelgoran (~120,000 impressions/month)

**RESEARCH PRODUCTIVITY: SUMMARY OF PUBLICATIONS, GRANTS & MENTORING**

* 361 published peer-reviewed articles (293 original papers + 68 reviews and chapters); 70% of papers as first or senior author
* h-index = 76; ie 76 articles with > 76 citations
* Total citations = 17,872 times (16,452 not counting self-citations)
* 3 published academic text-books
* 1 book for the general public *(“Sugarproof: The Hidden Dangers of Sugar that are Putting Your Child’s Health at Risk and What You Can Do”* to be published by Avery/Penguin in September 2020)
* Raised $47 million in current and prior grants (total costs of all Federal and Foundation grants as PI) with an average of $2.5m per year since 2000
* Raised $7 million in philanthropic gifts and Foundations
* Trained 32 PhD students to full completion and 28 postdoctoral fellows

**CURRENT RESEARCH FOCUS AS PRINCIPAL INVESTIGATOR**

* Effects of human milk oligosaccharides and early introduction of dietary sugars on development of the infant gut microbiome, cognitive outcomes, eating behaviors and obesity. Longitudinal cohort study in newborns funded by the Gerber Foundation ($350,000 over 3 years; 2016-2019) and a 4-year RO1 from NIDDK ($3m for the period April 2017 to February 2021).
* Maternal-infant intervention to reduce obesity and improve diabetes risk. Randomized trial in obese post-partum women and their infants to examine the effects of reduced sugary beverage consumption on obesity and diabetes risk. 5 year RO1 funding from NIDDK from September 2016 ($3.3m).
* Nutrigenetic Intervention to Reduce Liver Fat in Hispanics. Nutrigenetic clinical trial in obese Hispanic teens to determine the modifying effect of PNPLA3 genotype on treatment of pediatric NAFLD with a low sugar diet. 4 year RO1 funded by NIMHD from March 2016 ($3.1m).
* Effects of maternal consumption of low calorie sweeteners during pregnancy on fetal and infant brain development, cognitive outcomes and obesity (funded by Endowed Chair and internal funding)

**EDUCATION & TRAINING**

1979 - 1982: BSc (Upper second class honors) Biochemistry, University of Manchester, UK

1983 - 1986: PhD, Department of Biochemistry & Medical Research Council Trauma Unit, University of Manchester, UK (Primary mentor, Keith Frayn, PhD)

1982 - 1983: Research Assistant, Department of Pharmacology, Hebrew University, Jerusalem, Israel.

1986 - 1987: Research Fellow, Department of Biochemistry, University of Bath, UK

1987 - 1989: Research Fellow, Metabolism Unit, Shriners Burns Institute, University of Texas medical Branch, Galveston, Texas

1989 - 1990: Research Fellow, Department of Medicine, Division of Endocrinology, Metabolism and Nutrition, University of Vermont, Burlington, Vermont

**PREVIOUS APPOINTMENTS**

1988-1989: Instructor, Division of Human Nutrition, University of Texas Medical Branch, Galveston, Texas.

1990-1993 Research Assistant Professor, Department of Medicine, Division of Endocrinology, Metabolism and Nutrition, University of Vermont, Burlington, Vermont 05405

1992-1993 Director, Clinical Physiology Facility, General Clinical Research Center, and, Sims Obesity/Nutrition Research Center, University of Vermont

1992-1993: Named New Investigator, Sims Obesity/Nutrition Research Center

1994-1997 Associate Professor and Director, Energy Metabolism Research Unit, Department of Nutrition Sciences, University of Alabama at Birmingham

1996-1999 Secondary faculty appointments in Department of Pediatrics and Department of Physiology and Biophysics, University of Alabama at Birmingham

1998-1999 Core Laboratory Director, Physiology and Metabolism Core Laboratory, General Clinical Research Center, University of Alabama at Birmingham

1997-1999 Professor & Director, Division of Physiology and Metabolism, Department of Nutrition Sciences, University of Alabama at Birmingham

1999-2008 Associate Director, Institute for Prevention Research, University of Southern California

2011 Visiting Research Fellow (through July 2011), Oxford Center for Diabetes Endocrinology & Metabolism, University of Oxford

1999-2018 Professor or Preventive Medicine, Keck School of Medicine, University of Southern California, Los Angeles

**HONORS & AWARDS**

June 1986: Young Investigator of the Year Award from the European Shock Society

May 1990 : Clinical Nutrition Fellows Award from the American Society for Clinical Nutrition

June 1996: The Nutrition Society Medal for Research

May 1999: UAB President's Award for Excellence in Teaching and Mentoring, School of Health Related Professions

April 2000: Norman Kretchmer Memorial Award for research in childhood nutrition from the American Society for Clinical Nutrition

October 2001: The Lilly Award for Scientific Achievement; North American Association for the Study of Obesity

June 2005 Member, Integrative Physiology of Obesity and Diabetes (IPOD) Study Section

May/June 2008 Visiting Professor, Department of Zoology, University of Aberdeen

October 2008 Visiting Professor, Queensland University of Technology, Brisbane, Australia, sponsored by The International Atomic Energy Agency

April 2009 USC Mellon Mentoring Award in the category of Faculty Mentoring Graduate Students

October 2009 Bar-Or Award for Excellence in Pediatric Obesity Research, The Pediatric Obesity Section of The Obesity Society

January 2010 Appointed as Fellow of the Obesity Society

November 2014 TOPS Award for contributions to obesity research from The Obesity Society

July 2018 Rank Prize Lecture Recipient, British Nutrition Society Annual Meeting, Leeds, UKs

**PROFESSIONAL ORGANIZATIONS & NATIONAL/INTERNATIONAL COMMITTEE ASSIGNMENTS**

1990: American Society for Clinical Nutrition; American Society for Nutrition Sciences

1992: North American Association for the Study of Obesity

1992: The Nutrition Society

1996-9: Education Committee for The North American Association for the Study of Obesity

1998: Member, American Diabetes Association

1998-: Program Director, Small Research Grants in Obesity, The North American Association for the Study of Obesity

1998-9: Program Committee for annual meeting of the North American Association for the Study of Obesity; Program Leader in Metabolic Track

2002-5: Council Member, North American Association for the Study of Obesity

2002-3 Co-Chair, Program Committee, Annual Meeting, North American Association for the Study of Obesity

2003-4 Chair, Program Committee, Annual Meeting, North American Association for the Study of Obesity

2007-9 Member, Nominating Committee, The Obesity Society

2008 - Member, Education & Professional Development Committee, American Society of Nutrition

2009 Member, International Consensus Group on Pediatric Insulin Resistance

2009-12 Member, Awards Committee, The Obesity Society

2012-13 American Diabetes Association's Research Grant Review Committee

2015 Program Chair, International Hot Topic Conference on “Dietary Sugars and Obesity and Metabolic Diseases”, organized by World Obesity Federation

2016- Scientific Review Committee, The Obesity Society

2018 Annual Meeting Scientific Program Committee, The Obesity Society

**TESTIMONY**

November 2009 State of California Committee on Health, Hearing on Soda and Health, Los Angeles City Hall

April 2010 Informational Hearing for the State of California regarding the soda tax bill introduced by Senator Flores

**PEER REVIEW**

**Manuscripts:** Metabolism, American Journal of Physiology, Journal of Applied Physiology, New England Journal of Medicine, American Journal of Clinical Nutrition, International Journal of Obesity, Obesity Research, Pediatrics, Journal of Pediatrics, American Journal of Human Biology

**Editorial Board:** British Journal of Nutrition (1996-1999)

International Journal of Obesity (2000 - 2006)

American Journal of Clinical Nutrition (2000 - 2003)

**Associate Editor** International Journal of Pediatric Obesity (2006 – 2009)

Obesity (2007-2010)

**Editor-in-Chief** Pediatric Obesity (2011 - )

**Grants:** Intra-mural: UAB Center for Aging; USC Zumberge Grants; Childrens Hospital of Los Angeles

Extra-Mural: USDA program on Optimal Nutrition Requirements for Health; USDA Children's Nutrition Research Center; Medical Research Council of Canada;

Dairy Management Incorporated, Annual Grants Program; MRC of South Africa; Council of Earth & Life Sciences of The Netherlands; American Diabetes Association; European Research Council

**Program Director:** Small Grants Program for the North American Association for the Study of Obesity (1998 - 2000)

**NIH PEER REVIEW**

* Special review group for Health ABC contracts, NIA (June 1997)
* Ad Hoc reviewer for various Special Emphasis panels (November 1997, March 1998, May 1998, June 1998, July 1998, July 1999, May 2001)
* Site Visit NICHD Developmental Endocrinology Branch (July 1999)
* Site Visit for the General Clinical Research Center at the University of Vermont (March, 2000)
* Ad Hoc Review Group for NIDDK Obesity/Nutrition Research Centers (April 2000)
* Invited Member, Study Section SSS-T (October 2000)
* Invited Member, Nutrition Study Section (October 2001; June 2003; October 2003; February 2004)
* Ad Hoc Review Group for NIDDK Obesity/Nutrition Research Centers (December 2002)
* Ad Hoc Review Group for NIDDK Clinical Nutrition Research Units (February 2005)
* Member, Integrative Physiology of Obesity & Diabetes (IPOD) Study Section (2005)
* Member, Clinical Investigations in Diabetes & Obesity (CIDO) Study Section (2006 - 2008)
* Ad Hoc Review group for NIDDK (October 2006, October 2007)
* Chair, Special Emphasis Panel for Program Project Review for NIA, ZAG1 ZIJ-7 O1 (July 2009; May 2010)
* Ad Hoc Member, KNOD study section (February 2013)
* Chair, ZDK1 GRB-3 (M2) study section - Maternal Health Ancillary Studies
* Member, KNOD study section (July 2015 – June 2019)

**ADVISORY BOARD MEMBERSHIP/CONSULTING**

* Member, External Scientific Advisory Board, Clinical Nutrition Research Unit, University of Alabama at Birmingham (2000 - 2003)
* Member, Scientific Advisory Committee of the Physical Activity and Nutrition (PAN) Program of the International Life Sciences Institute (2000 - 2003)
* Member, National Dairy Council 2000 National Technical Advisory Committee
* External Advisory Review Member, Western Human Nutrition Center, USDA
* Member, working group for the FAO/WHO/UNU expert consultation group on “Energy and protein requirements in human nutrition” (2001)
* Member, Scientific Advisory Committee (USC representative), Tobacco-Related Disease Research Program, State of California (2002 - 2005)
* Member, External Scientific Advisory Board, Clinical Nutrition Research Unit, University of North Carolina (2003 - 2005)
* Member, External Scientific Advisory Board, Magram Nutrition Center, California State University at Northridge (2003 - 2004)
* Chair, Steering Committee, Transdisciplinary Research on Energetics and Cancer Centers, National Cancer Institute (2005 – 2006)
* Member, External Advisory Board, UCLA Training Program in Metabolism and Health (2009 - 2013)
* International Atomic Energy Agency (IAEA) consultant/instructor at 3-day workshop on childhood obesity, nutrition and metabolic risk (2009; Brisbane)
* International Atomic Energy Agency (IAEA) consultant on international study on childhood obesity, nutrition and metabolic risk (2010; Vienna)
* Scientific Advisor, Obesity Research Center, King Saud University, Riyadh, Saudi Arabia (2012 - )
* Member, Steering Committee for the First5 LA/LA County Health Department, Early Childhood Obesity Prevention Project (2013 - 2016)
* Consultant to ChildObesity180 (2012-2015)
* Member, External Advisory Committee of the Colorado Nutrition Obesity Research Center (2015-2020)
* Member, External Advisory Board, Wisconsin Partnership Program for Obesity Prevention, University of Wisconsin Madison (2015 - 2018 )

**USC/CHLA COMMITTEE ACTIVITY**

* MPH Admissions Committee (January 2000 - 2003)
* Executive Committee, Institute for Prevention Research (August 1999 - 2006)
* Local Advisory Committee, General Clinical Research Center (May 2001 – October 2003)
* Central Advisory Committee Member, General Clinical Research Center (May 2001 – October 2003)
* Department of Preventive Medicine, Space Committee (April 2002 - 2006)
* Ad Hoc Promotions Committee (June 2002; October 2003)
* KSOM Committee on Clinical Research
* Member, Provosts committee on re-structuring of School of Independent Health Professions (Summer 2004)
* Chair, Central Advisory Committee, General Clinical Research Center (October 2003 -)
* Provost’s Strategic Planning Sub-committee on future research directions; (March 2005 – June 2005)
* Search Committee (Member) for the Director of the Institute for Genetic Medicine (July 2007)
* Graduate School Committee on Fellowships, Prizes, and Awards (September 2007 - 2008)
* Vice-Provost for Research Review Panel for the Zumberge Interdisciplinary Award Program
* External Examiner for Wenli Wang, PhD candidate in Department of Biomedical Engineering (2008)
* Co-chair of Chronic Diseases Working Group for the USC Institute of Global Health Strategic Planning (July 2009 - 2012)
* Member, Dean’s Research Cabinet (2009 - )
* External Examiner for Anna Kamitakahara, PhD candidate in neuroscience program (2009)
* Keck School of Medicine, Seminar Committee (2010 – )
* Faculty Advisory Committee for the USC Office of Government and Civic Engagement (2011 – 2013).
* Leadership Committee of the Center for Human Studies of the Southern California Clinical and Translational Science Institute (2011 – 2013)
* Faculty Research Council, Keck School of Medicine (2012 – 2015)
* Chair, Review Committee for CTSI Pilot Grants in Diabetes, Obesity and Metabolism (2014-2015)
* Chair, Faculty Search Committee, Diabetes and Obesity Research Institute, Keck School of Medicine (2014-2015)
* Member, Appointments and Promotions Committee, Department of Preventive Medicine, Keck School of Medicine, USC (2016 - 2018)
* Keck School of Medicine, Research Council (2017 - 2019)
* Member, The Saban Research Institute intra-mural grants review committee (2019 -)
* Member, Internal Advisory Committee, K-12 Pediatric Scientist Training Grant (2020 -)

**INVITED LECTURES (SELECTED)**

* January 2011 – Oxford Center for Diabetes Endocrinology & Metabolism
* March 2011 – Institute of Social and Cultural Anthropology, University of Oxford
* April 2011 – Department of Applied Human Nutrition, Oxford Brookes University
* April 2011 - Lipase Meeting, New College, Oxford
* May 2011 - MRC Epidemiology Unit, Cambridge
* May 2011 - University of Surrey, Department of Nutrition
* September 2011 – European Childhood Obesity Group, Pecs Hungary
* September 2011 - Nestle Workshop on Human Nutrition and Health, San Diego, CA
* October 2011 – University of California Los Angeles, Department of Epidemiology
* October 2011 - Rutgers University, Department of Nutrition
* December 2011 – Pennington Biomedical Research Center, Baton Rouge, LA, Symposium on Adiposity and Fat Distribution in Children
* February 2012 – International Society for Magnetic Resonance in Medicine, Workshop on Fat Imaging, Long Beach, CA
* March 2012 - Western USDA, Sacramento, CA, Visiting Seminar
* April 2012 – King Saud University, Riyadh, Symposium on “Obesity: From Cells to Humans”
* November 2012 – National Institutes of Health, Bethesda, MA; Workshop on Fructose and Health
* November 2012 – Society for Latin American Nutrition, Havana, Cuba
* February 2013 – Childrens Hospital of Los Angeles, Grand Rounds
* February 2013 – University of Georgia, Department of Foods and Nutrition
* March 2013 – National Institute of Public Health, Mexico City, Annual Symposium on Public Health
* April 2013 – Department of Nutrition, University of Texas at Austin
* June 2013 – American Diabetes Association, Annual Congress
* June 2013 - 5th International Symposium “Nutrition, Oxygen, Biology and Medicine” Paris, France
* August 2013 – 12th National Congress of the Mexican Society of Pediatric Endocrinology, Ixtapa, Mexico
* November 2013 - Harbor-UCLA Medical Center/CTSI/LABIOMED Obesity Symposium
* December 2013 – Visiting Professor, Obesity Research Center, King Saud University, Riyadh, Saudi Arabia
* March 2014 – International Congress of Obesity, satellite meeting on “Physical Activity and Nutrition across the Lifespan”; invited speaker
* March 2014 – International Congress of Obesity, Kuala Lumpur; invited speaker on “When does obesity related metabolic risk begin”
* April 2014 – Pediatrics Grand Rounds, University of Florida, Gainsville
* May 2014 – International Society for Magnetic Research Imaging 2014 Annual Meeting, Milan Italy (Plenary Lecture)
* May 2014 – Pediatrics Grand Rounds, University of Oklahoma
* May 2014 – International Society for Behavioral Nutrition and Physical Activity, San Diego CA (symposium speaker)
* October 2014 – Fred Hutchinson Cancer Research Center, Seattle, WA (Visiting seminar speaker: “Population Variation in the Causes and Consequences of Childhood Obesity”)
* November 2014 – The Obesity Society, Boston (plenary lecture, “Population Variation in the Causes and Consequences of Childhood Obesity”)
* March 2015, Oregon National Primate Center and OHSU Center for Developmental Health, visiting lecture, “Variation in Causes and Consequences of Childhood Obesity”
* April 2015, Nestle Research Center, Lausanne Switzerland, Sugar Symposium, Invited Speaker on “Population variation in consumption and health effects of dietary sugars”
* June 2015, American Diabetes Association Annual Meeting, Boston MA, Invited Speaker, “Perspective on the Current Status of Body Composition Measures for Longitudinal Studies in Early Growth—Promising Techniques and Research Needs”
* June 2015, World Obesity Hot Topic Symposium on Dietary Sugars, Obesity and Metabolic Outcomes, Invited Speaker, “Impact of early-life sugary beverage consumption on obesity and long-term metabolic risk”
* October 2015, Invited Speaker, North American Pediatric Gastroenterology, Hepatology and Nutrition Society annual meeting; Symposium on The Origins and Pathways of NASH.  Is it Preventable?
* October 2015, The Rank Prize Funds Mini Symposium on Nutrition and Obesity, The Lake District, England, Invited Speaker, “Effects of sugary beverage consumption on obesity and metabolic outcomes in obese children”
* December 2015, The Adipose Tissue Discussion Group, Annual Meeting, Invited Speaker, University of Westminster, London UK
* January 2016: Invited Seminar Speaker, Childrens Hospital Oakland Research Institute
* February 2016; Invited Seminar Speaker, Oxford University, Unit of Biocultural Variation, UK
* February 2016: Invited Seminar Speaker, Department of Nutrition, Harvard School of Public Health
* July 2016: Invited Seminar Speaker, Institute for Food Research, Norwich, UK
* November 2016: Invited Plenary Lecture, International Congress on Childhood Obesity, Rome, Italy
* January 2017: Invited Seminar Speaker, Department of Nutrition Sciences, University of Alabama at Birmingham
* March 2017: Invited Seminar Speaker, University of Florida, Obesity Research Alliance
* May 2017: Invited Participant for the Kaiser-Permanente Institute for Health Policy & American Heart Association (AHA) Expert Roundtable discussion on “Evidence-based strategies to reduce consumption of added/free sugars”.
* July 2017: Invited Speaker at Crossfit National Conference on Diet and Cardiometabolic Health – Beyond Calories; San Francisco.
* September 2017: Invited Speaker at the 11th Congress of the International Society of Nutrigenetics/Nutrigenomics, UCLA, Los Angeles
* December 2017: Invited Speaker; Momentum Center for Childhood Obesity, University of Michigan, Ann Arbor
* March 2018: Invited Speaker; Amgen, Thousand Oaks, CA
* March 2018: Invited Speaker; Diabetes and Obesity Research Institute at USC Annual Symposium
* July 2018: Rank Prize Lecture; Annual Meeting of the British Nutrition Society, Leeds, UK
* July 2018: Invited Speaker; Harvard Medical School 19th Annual Postgraduate Symposium on Nutrition
* January 2019: Department of Pediatric Grand Rounds, Children’s Hospital of Los Angeles
* April 2019: Scientific Advisory Board Guest Speaker, Beachbody Inc, Santa Monica CA
* September 2019: Kemper Healthy Lifestyles Lecture, Mercy Children’s Hospital, Kansas City
* October 2019: Plenary Lecture, Saudi Society of Endocrinology and Metabolism, Riyadh, Saudi Arabia
* November 2019: Invited Speaker, Human Milk Symposium, University of California San Diego
* December 2019: Invited Speaker, 6th Annual Los Angeles County, Department of Health Services, Diabetes Day
* January 2020: Invited Speaker, The National Academies of Science, Engineering and Medicine, Workshop on Nutrition During Pregnancy and Lactation; Washington, DC
* August 2021: Invited Speaker, International Conference on Human Milk, Stockholm, Sweden

**TOP 10 MOST HIGHLY CITED PAPERS (as of January 2020)**

1. *Validity of body mass index compared with other screening indices for the assessment of body fat in children and adolescents* Am J Clin Nutr 75: 978-985, 2002 [459 citations]
2. *Obesity and risk of type 2 diabetes and cardiovascular disease in children and adolescents* J Clin Endoc Met 88 (4): 1417–1427, 2003 [442 citations]
3. *Longitudinal Study on Pubertal Insulin Resistance* Diabetes 50: 2444-2450, 2001 [422 citations]
4. *The metabolic Syndrome in Overweight Hispanic Youth and the Role of Insulin Sensitivity* JCEM 89: 108-113, 2004 [372 citations]
5. *Body composition assessment via air displacement plethysmography (BOD POD) in adults and children: A review* Am J Clin Nutr 75: 453-467 [328 citations]
6. *Cross-validation of anthropometry against magnetic resonance imaging for the assessment of visceral and subcutaneous adipose tissue in children* International Journal of Obesity 30(1): 23-30, 2006 [300 citations]
7. *Comparison of the multiple-pass 24-hour recall method with total energy expenditure by doubly labeled water in young children* J Am Diet Assoc 96: 1140-1144, 1996 [262 citations]
8. S*tatistical considerations for using ratios to express biological data* Int J Obesity 19: 644-652, 1995 [258 citations]
9. *Cross-calibration of body composition techniques against dual energy X-ray absorptiometry in young children* Am J Clin Nutr, 63: 299-305, 1996 [242 citations]
10. *Relation between mothers’ child-feeding practices and children's adiposity* Am J Clin Nutr 75: 581-586, 2002 [242 citations]

**TOP CITED PAPERS SINCE 2015 (as of January 2020)**

1. *Effects of sucrose and High Fructose Corn Syrup Consumption on Spatial Memory Function and Hippocampal Neuroinflammation in adolescent rats* Hippocampus 25 (2): 227-239, 2015
2. *Associations between human milk oligosaccharides and infant body composition in the first six months of life* Am J Clin Nutr 102: 1381-1388, 2015
3. *Early life sugar consumption affects the microbiome in rodents independent of obesity* J Nutrition 147 (1): 20-28, 2017
4. *Longitudinal Associations Between Ambient Air Pollution* *Insulin Sensitivity, B-cell Function and Adiposity in Los Angeles Latino children* Diabetes 66:1789-1796, 2017
5. *Laboratory Determined Sugar Content and Composition of Commercial Infant Formulas, Baby Foods and Common Grocery Items* Nutrients 7 (7); 5850-5867, 2015
6. *Fructose in breast milk is positively associated with infant body composition at 6 months of age*. Nutrients 9 (2); Article # 146, 2017

**SUMMARY OF PUBLICATIONS IN HIGH IMPACT JOURNALS (as of January 2020)**

* Nature Reviews: Endocrinology (n=1; Impact Factor = 11.0)
* Diabetes (n=8; Impact Factor = 8.9)
* Diabetes Care (n=16; Impact Factor = 7.1)
* Obesity Reviews (n=3; Impact Factor = 7.0)
* Journal of Clinical Endocrinology and Metabolism (n=17; Impact Factor = 6.5)
* American Journal of Clinical Nutrition (n=31; Impact Factor = 6.6)
* Pediatrics (n=3; Impact Factor = 5.3).
* International Journal of Obesity (n-26; Impact Factor = 5.1)
* American Journal of Physiology (n=11; Impact Factor = 4.7)
* Journal of Pediatrics (n=14; Impact Factor = 4.0)

**PUBLISHED ARTICLES**

**1988**

1. **Goran MI**, Little RA, Frayn KN, Jones R & Fozzard G. *Effects of chronic endotoxin infusion on oxygen consumption at different ambient temperatures in the unanesthetized rat.* Circulatory Shock 25 (2): 103-109, 1988.

2. **Goran MI**, Frayn KN, & Little RA. *Energy metabolism during chronic endotoxin infusion with special reference to free fatty acid turnover.* Circulatory Shock 25 9-20, 1988.

**1990**

3. **Goran MI**, Peters EJ, Herndon DN & Wolfe RR. *Total energy expenditure in burned children using the doubly labeled water technique.* American Journal of Physiology 259: E576-E585, 1990.

**1991**

4. **Goran MI**, Broemeling L, Herndon, DN, Peters EJ & Wolfe RR. *Estimating energy requirements in burned children: A new approach derived from measurements of resting energy expenditure.* American Journal of Clinical Nutrition 54: 35-40, 1991.

**1992**

5. Berke ET, Gardener AW, **Goran MI** & Poehlman ET. *Resting metabolic rate and the influence of the pretesting environment.* American Journal of Clinical Nutrition 55: 626-629, 1992.

**6. Goran MI** and Poehlman ET. *Total energy expenditure and energy requirements in healthy elderly persons.* Metabolism 41: 744-753, 1992

7. Poehlman ET, Berke EM, Joseph JR & Gardner AW, Katzman-Rooks SM & Goran MI. Influence of aerobic capacity, body composition and thyroid hormones on the age-related decline in resting metabolic rate. Metabolism 41: 915-921, 1992.

**8. Goran MI** and Poehlman ET. *Endurance training does not enhance total energy expenditure in healthy elderly persons.* Amer J Physiol 263: E950-E957, 1992.

9. **Goran MI,** Poehlman ET, Nair KS & Danforth E. *Effect of gender, body composition and equilibration time on the 2H:18O dilution space ratio.* Amer J Physiol 263: E1119-E1124, 1992.

10. Poehlman ET, Gardner AW & **Goran MI**. *Influence of increased physical activity on energy intake, norepinephrine kinetics and metabolic rate in older individuals* Metabolism 41: 1-8, 1992.

**1993**

11. **Goran MI**, Poehlman, ET, Beer WH, Wolfe RR & Young VR. *Variation in total energy expenditure in young healthy free living men* Metabolism 42: 487-496, 1993.

12. Poehlman ET**, Goran MI,** Gardner AW, Ades PA, Arciero PJ, Katzman-Rooks SM, Montgomery SM, Toth MJ & Sutherland PT. *Determinants of the decline in resting metabolic rate in aging females.* Amer J Physiol 264: E450-E455, 1993

13. Arciero P, **Goran MI,** Gardner AW, Ades PA, Tyzbir RS & Poehlman ET. *A practical equation to predict resting metabolic rate in older men.* Metabolism 42: 950-957, 1993.

14. Klein S & **Goran MI**. *Energy metabolism in response to overfeeding in young men* Metabolism 42: 1201-1205, 1993.

**15. Goran MI,** Carpenter WH & Poehlman ET. *Total energy expenditure in 4 to 6 year old children* Am J Physiol 264: E706-E711, 1993

16. Speakman J Nair KS, & **Goran MI.** *Revised equations for calculating rCO2 from doubly labeled water in humans*  Amer J Phys 264: E912-E917, 1993

17. Arciero P, **Goran MI,** Gardner AW, Ades PA, Tyzbir RS & Poehlman ET. *A practical equation for predicting resting energy requirements in older females* J Amer Ger Soc 41: 389-395, 1993

18. Toth M, **Goran MI**, Ades PA, Howard D & Poehlman ET. *An examination of data normalization procedures for expressing peak VO2 data* J Appl Physiol 75: 2288-2292, 1993

19. **Goran MI,** Kaskoun MC, Carpenter WH, Poehlman ET, Ravussin E & Fontivielle AM. Estimating body composition in young children from bioelectrical resistance (J Appl Physiol 75: 1776-1780, 1993

20. Arciero PA, **Goran MI**, & Poehlman ET. *Resting metabolic rate is lower in women compared to men* J Appl Physiol 75: 2514-2520, 1993

21. **Goran MI**, Poehlman ET, Danforth E Jr & Nair KS. *Comparison of body composition methods in obese individuals*. Basic Life Sciences 60: 85-86, 1993

22. **Goran MI**, Poehlman ET, Nair KS & Danforth E Jr. *Deuterium exchange in humans: Effect of gender, body composition and age.* Basic Life Sciences 60: 79-81, 1993

**1994**

23. **Goran MI,** Poehlman ET & Danforth E Jr.  *Experimental reliability of the doubly labeled water technique under controlled and sedentary living conditions* (Special Communication) Am J Physiol 266: E510-E515, 1994

24. Johnson RJ, **Goran MI**, & Poehlman ET *Correlates of over- and under reporting of energy intake in healthy elderly subjects* Am J Clin Nutr 59: 1286-1290, 1994

25. Poehlman ET, Gardner AW, Arciero PJ, **Goran MI**, & Calles-Escandon J. *Effects of endurance training on in total fat oxidation in elderly persons* J Appl Phys 76 (6): 2281-2287, 1994

26. **Goran MI,** Poehlman ET, Nair KS & Danforth E Jr. *Comparison of body fat estimates derived from underwater weight and total body water*  Int J Obesity 18: 622-626, 1994.

27. **Goran MI,** Poehlman ET, O'Connel & Danforth E Jr *Effect of physical activity and energy intake on energy expenditure in healthy young males.*  J Appl Phys 77: 366-372, 1994

28. Kaskoun MC, Johnson RJ & **Goran MI** *Comparison of energy intake by food frequency questionnaire with total energy expenditure by doubly labeled water in young children.*  Am J Clin Nutr 60: 43-47, 1994.

**29. Goran MI**, Kaskoun MC, and Johnson RJ *Determinants of resting energy expenditure in young children* J Pediatrics 125: 362-367, 1994

**1995**

30. **Goran MI,** Kaskoun MC, Hood V, Martinez C & Kelly B. *Energy expenditure and body fat distribution in Mohawk Indian children* Pediatrics 95: 89-95, 1995

31. Carpenter WH, Poehlman ET, O'Connel M & **Goran MI**. *Influence of body composition and resting metabolic rate on variation in total energy expenditure: A meta-analysis* Am J Clin Nutr 61: 4-10, 1995

32. **Goran MI** *Variation in total energy expenditure in humans* Obesity Research, 3 (S1): 59-66, 1995.

33. **Goran MI**, Kaskoun MC, and Shulman W. *Intra-abdominal fat in young children* Int J Obesity 19: 279-283, 1995

34. Poehlman ET, Gardner AW, **Goran MI,** Arciero PJ, Toth MJ, Calles-Escandon J *Sympathetic nervous system activity, body fatness and fat distribution in younger and older males* J Appl Phys 78: 802-806, 1995

35. Treuth MS, Hunter GR, Kekes-Szabo T, Weinsier RL, **Goran MI**, & Berland L. *Reduction in intra-abdominal adipose tissue after strength training in older women* J Appl Physiol 78: 1425-1431, 1995

36. **Goran MI**, Carpenter WH, McGloin A, Johnson R, Weinsier RL & Hardin JM. *Energy expenditure in children of lean and obese parents* Am J Physiol 268: E917-E924, 1995

37. **Goran MI,** Allison DB**,** & Poehlman ET *Issues relating to normalization of body fat content in men and women* Int J Obesity 19: 638-643, 1995

38. Allison DB, **Goran MI**, Poehlman ET, & Heymsfield SB *Mathematical considerations for using ratios to express biological data* Int J Obesity 19: 644-652, 1995

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**1996**

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**2018**

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**2020**

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**MANUSCRIPTS IN REVIEW**

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2. Nicolo M, Zink J, Imm K, Ebrahimian S, Yu Q, Lee K, Zapanta K, Huh J, Dunton GF, **Goran MI**, Page KA, Dieli-Conwright C, Belcher BR. *Feasibility of continuous glucose monitor use among healthy youth in a free-living environment*. (Submitted to Diabetes Care 12/9/19)
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4. Berger PK, Plows JF, Jones RB, Alderete TL, Rios C, Poulsen M, Fields DA, Bode L, Peterson BS & **Goran MI** *Maternal Fructose Intake Mediates the Association of Maternal Consumption of Sugar-Sweetened Beverages and Juice During Lactation With Infant Neurodevelopmental Outcomes at 24 Months (AJCN, in review)*
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**REVIEWS, BOOK CHAPTERS & EDITORIALS**

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**32. Goran MI,** Ball G & Cruz ML *Invited Clinical Perspective: Obesity and risk of type 2 diabetes and cardiovascular disease in children and adolescents* J Clin Endoc Met 88 (4): 1417 – 1427, 2003

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# 37. Cruz ML, Shaibi GQ, Weigensberg M, Spruijt-Metz, D, Ball G and Goran MI *Pediatric Obesity and Insulin Resistance: Metabolic Consequences and Implications for Treatment and Prevention Beyond Body Weight Modification* Annual Reviews in Nutrition 25: 435-468, 2005

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42. **Goran MI**, Davis JN & Kelly LA *Treatment and Prevention of Childhood Obesity and Associated Metabolic Diseases* (In review)

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6. **Goran MI** *International Journal of Pediatric Obesity Under New Leadership: Rapid Response, Fair Reviews and Global Reach* IJPO 6 (2) 82-82, 2011
7. **Goran MI** and Ventura EE. *International Journal of Pediatric Obesity: Year in Review 2010* IJPO 6 (3-4): 163 – 168, 2011
8. **Goran MI & Alderete TA** *Targeting Adipose Tissue Inflammation to Treat the Underlying Basis of the Metabolic Complications of Obesity* in Nestle Nutrition Institute Workshop Series, Volume 73; Obesity Treatment and Prevention: New Directions, Editrs Drewnowski A & Rolls BJ published by Karger, 2012
9. Samara A, Ventura EE, Alfadda AA & **Goran MI** *Use of high-precision fat imaging techniques in children and youth: what have we learned about obesity, fat distribution and metabolic disease risk?* Obesity Reviews 2012 13 (8) 723-732
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11. **Goran MI** & Ventura EE *Genetic predisposition and increasing dietary fructose exposure: the perfect storm for fatty liver disease in Hispanics in the U.S.* Digestive and Liver Diseases 44 (9): 711-713
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13. **Goran MI** *New Year, New Look, New Name* Pediatric Obesity 7 (1) 1-2, 2012
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21. Fisher JO, **Goran MI**, Hetherington MM & Rowe S *Forefronts in portion size. An Overview and synthesis of a roundtable discussion* Appetite 88: 1-4, 2015 <http://www.ncbi.nlm.nih.gov/pubmed/25463048>
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24. Vos MB and **Goran MI** *Sugar, Sugar…..Not so Sweet for the Liver;* Editorial for Gastroenterology 153 (3): 642-645, 2017 <http://www.gastrojournal.org/article/S0016-5085(17)35960-7/fulltext>
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26. **Goran MI,** Plows JF & Ventura EE *Effects of Consuming Sugars and Alternative Sweeteners During Pregnancy on Maternal and Child Health: Evidence for a Secondhand Sugar Effect* Proceedings of the Nutrition Society 78, 262-271, 2019

<https://www.ncbi.nlm.nih.gov/pubmed/30501650>

# INTERACTIVE MULTIMEDIA CD-ROM

1. IMPACT: Interactive Multimedia for Promoting Physical Activity in Children (Copyright USC, 2003); Co-Creator, Co-Scientific Director and Co-Executive Producer.

## BOOKS

1. “*Handbook of Pediatric Obesity: Etiology, Pathophysiology and Prevention*”; Edited by **Goran MI** and Sothern MS (published by Taylor & Francis), 2005

2. “*Dietary Sugars and Health*”; Co-Editor; published December 2014 by CRC Press; ISBN 9781466593770; <https://www.crcpress.com/Dietary-Sugars-and-Health/Goran-Tappy-Le/p/book/9781466593770>

3. “*Childhood Obesity: Causes, Consequences and Interventions*”; Edited by **Goran MI;** published by CRC Press, October 2016; ISBN 9781498720656; <https://www.crcpress.com/Childhood-Obesity-Causes-Consequences-and-Intervention-Approaches/Goran/p/book/9781498720656?source=igodigital>

4. “*Sugarproof*” Goran MI and Ventura EE; To be published by Avery (imprint of Penguin), September 2020.

## SCIENTIFIC BLOGGING

Science20.com

* + - 1. “The Issue is Fructose. Period. June 2012 (16,846 reads as of December 2012)
      2. High Fructose Corn Syrup, Genes and Global Trade Policy” A “Perfect Storm” for Fatty Liver Disease in Hispanics. August 2012 (4,184 reads as of December 2012)

## THESIS

**Goran MI.** *Metabolic responses to chronic endotoxin infusion in the rat.* PhD thesis presented to University of Manchester, UK. August 1986.

## GRANT SUPPORT

1. **Current Funding**

R01 DK110793 (Goran) 4/01/17 – 1/31/21 2.4 Calendar

NIH/NIDDK $2,900,000

**Principal Investigator**

**Impact of Sugars and Human Milk Oligosaccharides on Infant Microbiome and Obesit**y

The goal of this project is to examine the role of early-life dietary sugars and breast milk oligosaccharides on development of the infant gut microbiome, eating behaviors and obesity in a longitudinal cohort study over the first 2 years of life.

R01 MD010358-A1 (P.I.)     04/01/2016 – 03/31/2020                                  3.0 Calendar

NIH/NIMHD                                                                $3,085,839

**Principal Investigator**

**Nutrigenetic Intervention to Reduce Liver Fat in Hispanics**

The goals of this project are to carry out a nutrigenetic clinical trial and determine whether dietary sugar reduction will reduce liver fat content in Hispanic pediatric patients with non-alcoholic fatty liver disease (NAFLD) as a function of genotype.

R01 DK109161 (Goran) 10/01/16 – 9/3o/21 2.4 Calendar

NIH/NIDDK $3,256,324

**Principal Investigator**

**Maternal-infant intervention to reduce obesity and improve diabetes risk**

The goal of this project is to conduct a trial in obese post-partum women and their infants to reduce sugary beverages aimed at improving obesity and diabetes risk

R34DA050254 (Levitt) 9/30/2019-3/31/2021 0.3 Calendar

NIH/NIDA $572,063 in total costs

**Co-Investigator**

**Biological and Environmental Contributions to Healthy Baby Development in Diverse Population**

**B. Pending Grant Support**

P30 DK 125867 (PI) 7/1/2020 – 6/30/2025 2.4 Calender

NIH/NIDDK $6,150,000 in total costs

Principal Investigator and Center Director

**Nutrition and Obesity Research Center of Los Angeles (NORC-LA)**

The **Nutrition and Obesity Research Center of Los Angeles (NORC-LA)** will provide the leadership, resources, and infrastructure to bring together scientists from two affiliated Institutions, Children’s Hospital of Los Angeles/The Saban Research Institute (CHLA/TSRI) and The University of Southern California (USC) to advance our understanding of the impact of nutrition and the environment on obesity with a focus on children, early development and identification of novel interventions.

R01 (Belcher) 7/01/2020-6/30/2025

NIH/NIDDK  Total direct costs: $2,448,920

Co-Investigator at 0.6 Calendar months effort

**Testing the efficacy of multi-day interruptions in sedentary behaviors on metabolic, cognitive, and affective outcomes in youth at risk for Type 2 diabetes**

This study will test the efficacy of multi-day interruptions in sedentary behavior vs. single bouts of sustained exercise on metabolic, cognitive, and affective responses in overweight and obese children at risk for type 2 diabetes. The results of this research will addresses a critical public health need by testing of novel intervention strategies to reduce obesity-related diseases in children with overweight and obesity.

RO1 (Sub-contract to Alderete at UC Boulder) 10/1/2020 – 9/30/2025

NIH/NIEHS Total direct costs of sub-contract: $249,948

PI of Sub-Contract at 1.2 Calender months

**Perfluoroalkyl Substances and the Gut Microbiome and Fecal Metabolome in Early Life: Implications for Obesity Risk in Hispanic Children**

**C. Previous Grant Mentorship**

1. National Institute of Digestive & Kidney Diseases (Minority CAP Award), **Research Mentor** *"Body composition and cognitive function in adolescents born with extreme low birth weight";* (Principal Investigator M Peralte, MD; Department of Pediatrics, University of Alabama at Birmingham, 10/1/95 to 9/31/00.
2. National Institute of Aging (KO1, Mentored Research Career Development Award), **Research Mentor** “*Postmenopausal hormone therapy and intra-abdominal fat*”; (Principal Investigator Barbara A Gower, PhD; Department of Nutrition Sciences, University of Alabama at Birmingham)

**D.** **Previous Grant Support**

1. Gerber Foundation, Principal Investigator (01/01/16 – 12/31/18); Human milk oligosaccharides and development of infant gut microbiome and obesity ($350,000 in total funding)
2. PO1 NIEHS/EPA funded Southern California Children’s Environmental Health Center (SC-CEHC) serving as Associate Director (PI: McConnell; 2013-2018). Center focused on the theme of Air pollution, childhood obesity and metabolic consequences ($3,096,968 in total funding)
3. Whittier Foundation, Principal Investigator, 09/01/14 – 12/31/15; **Probiotic intervention for reducing liver fat in obese Hispanic teens** ($100,000 in total funding)
4. NIDDK (5R01DK059211), Principal Investigator (9/30/2000 - 08/31/2015); Risk Factors for Type 2 Diabetes in Hispanic Adolescents; 5 year RO1 competing renewal ($2,125,000 in total funding)
5. USC CTSI Pilot Study (02/01/2014 – 1/31/2015); $47,000 (total); Ethnic Differences in Adipose Tissue Biology: Implications for Metabolic Risk
6. American Diabetes Association; Mentor-Based Minority Postdoctoral Training in Pediatric Obesity and Insulin Resistance (June 2010 to December 2013)
7. National Institute for Minority Health Disparities (P60 MD002254), **Center Director and Leader Project 1** at 35% effort; *Obesity in Minority Children & Youth in Los Angeles:  A Generation at Risk.* Total costs $7,500,000 for the period 09/11/2008 - 04/30/2013
8. National Cancer Institute (U54 CA 16848), **Center Director & Leader Project 1** at 35% effort “*USC Center for Transdisciplinary Research on Energetics and Cancer*”; $12,000,000 in total costs for the period 2005 – 2011
9. National Institute of Diabetes and Digestive and Kidney Diseases, **Co-Investigator** *at* 5% effort *"Rapid MRI Measures of Absolute Fat Mass in Adipose Tissue and Organs";* PI: Krishna Nayak; $400,000 in total costs for the period 2009 – 2011.
10. NHLBI, **CO-investigator** at 1% effort; “*Markers of metabolic and autonomic dysfunction in childhood obesity*”; PI: Michael Khoo; $556,000 in total costs for the period 2008 – 2010
11. National Institute of Child Health and Human Development (Competing Renewal for RO1 HD/HL 33064), **Principal Investigator,** *at* 20% effort *"Intra-abdominal fat and risk of disease in adolescents";* $2,700,00 in total costs for the period 2005 – 2009 (no cost extension till June 2011)
12. Dr Robert C Atkins Foundation, **Principal Investigator**, at 5% effort; *“Ethnic differences in adipose and liver gene expression”*; $440,000 for the period 3/1/07 to 2/28/09
13. American Diabetes Association (Competing Renewal of Mentor-Based Postdoctoral Fellowship), **Principal Investigator**; “Postdoctoral training in obesity and type 2 diabetes in children”; $160,000 in total direct costs for the period 2005 - 2009.
14. Dr Robert C Atkins Foundation, **Principal Investigator**, at 5% effort; *“Modification of carbohydrate intake in overweight Hispanic children”*; $150,000 for the period 5/1/04 to 4/31/06
15. National Institute of Child Health and Human Development (RO1 HD/HL 33064), **Principal Investigator,** *at* 20% effort *"Intra-abdominal fat and risk of disease in adolescents";* $675,000 in total direct costs for the period 6/1/02 to 5/31/05
16. National Institute of Diabetes and Digestive and Kidney Diseases (RO1 DK 59211), **Principal Investigator,** *at* 30% effort *"Risk factors for Type 2 diabetes in Hispanic Adolescents";* $2,500,000 in total direct costs for the period 10/1/2000 to 9/31/2005
17. National Institute of Diabetes and Digestive and Kidney Diseases (UO1 DK 61249; sub-contract from UC Irvine), **Co Investigator,** *at* 20% effort *"Prevention of Type 2 diabetes in Adolescents";* $96,000 in total direct costs for the current year
18. American Diabetes Association (Mentor-Based Postdoctoral Fellowship), **Principal Investigator**; “Postdoctoral training in obesity and type 2 diabetes in children”; $140,000 in total direct costs for the period 7/1/01 - 6/30/05.
19. Thrasher Research Fund, **Principal Investigator,** at 10% effort “*Effects of resistance training on risk factors for type 2 diabetes in overweight Hispanic boys*”; $368,000 in total direct costs for the period 1/1/03 to 12/31/05
20. Nestle USA, **Principal Investigator**, at 0% effort; “Unrestricted research/education grant for obesity prevention in children”; $20,000 for the period 5/1/04 to 4/31/05
21. National Institute of Child Health and Human Development (RO1 HD 32668), **Principal Investigator,** *at* 10% effort *"Prevention of obesity in children”;* $1,200,000 in total direct costs for the period 6/1/00 to 5/31/03
22. National Institute of Child Health and Human Development (RO1 HD/HL 33064), **Principal Investigator,** *at* 20% effort *"Intra-abdominal fat and risk of disease in adolescents";* $675,000 in total direct costs for the period 6/1/97 to 5/31/02
23. United States Dept of Agriculture, **Principal Investigator** at 10% effort *"Interactive multi-media for the promotion of nutrition and physical activity in children”*; $180,000 in total direct costs requested for the period 8/1/98 to 5/31/01
24. National Dairy Council, **Principal Investigator** (no PI salary support) *“Influence of dairy intake and dietary fat on body composition, fat distribution and health in Caucasian and African American children”*; $160,000 in total direct costs for the period 10/1/96 to 12/31/99.
25. National Institute of Digestive & Kidney Diseases (RO 1), **Co-Investigator** at 6% effort: *"Energy metabolism in post-obese Black and White women"*; (Principal Investigator: Roland Weinsier, MD, Department of Nutrition Sciences, University of Alabama at Birmingham); 5/1/95 to 4/30/99
26. National Institute of Digestive & Kidney Diseases (RO 1), **Co-Investigator** at 3% effort: *"Long term follow-up of post-obese Black and White women"*; (Principal Investigator: Roland Weinsier, MD, Department of Nutrition Sciences, University of Alabama at Birmingham); 5/1/97 to 4/30/02
27. National Institute of Child Health and Human Development (FIRST Award - R29 HD 32668), **Principal Investigator,** *at* 50% effort *"Energy expenditure during the development of childhood obesity";* $350,000 in total direct costs for the period 7/1/94 to 6/30/99.
28. Department of Nutrition Sciences, Proposed Innovations in Nutrition Science funding mechanism, **Principal Investigator** (no PI salary support) *“Interactive multimedia for promotion of nutrition and physical activity in children”*, $20,000 for the period 4/1/98 to 3/31/99
29. United States Department of Agriculture, **Principal Investigator** at 20% effort**,** *"Energy requirements in young children";* $120,000 for the period 8/1/95 to 7/31/97.
30. National Institute of Child Health and Human Development/Office of Research on Women’s Health (RO1 HD/HL 33064), **Principal Investigator,** *at* 10% effort *"Intra-abdominal fat and risk of disease in adolescents";* $50,000 for the period 10/1/96 to 9/30/97.
31. National Institute of Aging (RO 1), **Consultant,** *"Energy metabolism in healthy elderly persons and Alzheimer patients"*; (Principal Investigator: ET Poehlman, PhD; Department of Medicine, University of Maryland); 8/1/93 to 7/31/96
32. Cerebral Palsy Foundation, **Consultant**: *"Energy metabolism in adult cerebral palsy patients"* $100,000 for the period 9/1/93 to 8/31/95 (Principal Investigator: Rachel Johnson, PhD, Department of Nutritional Sciences, University of Vermont)
33. United States Department of Agriculture, **Principal Investigator,** *"Energy requirements in young children";* $120,000 for the period 6/1/92 to 6/30/95.
34. Biomedical Research Support Grant from the University of Vermont, College of Medicine, **Principal Investigator**, *"Daily energy expenditure in young children at high and low risk of developing obesity"*. $5,000 for the period 1/1/91 to 12/31/91
35. The Sims Obesity/Nutrition Research Center, Pilot and Feasibility Program, **Principal Investigator** *"Energy Expenditure in young Native American (Mohawk) children"*; $25,000 for the period 10/1/92 to 9/31/93.
36. National Institutes of Health, **Co-Investigator** (10% effort), *"The Sims Obesity/Nutrition Research Center"*; Principal Investigator E Danforth, Jr MD; $2.5 million dollars for the period 10/1/92 to 9/31/97
37. National Institute of Child Health and Human Development (Shannon Award), "Role of energy expenditure in the development of obesity in children" **Principal Investigator**, $100,000 for the period 10/1/92 to 1/31/94.
38. American Diabetes Association, **Principal Investigator**, *"Energy expenditure during the development of childhood obesity"*. $150,000 for the period 7/1/91 to 12/30/94
39. National Institute of Child Health and Human Development (NRSA), **Research Mentor** for Tim Nagy, PhD *"Energy expenditure and body composition in children of gestational diabetics";* 10/1/95 to 9/31/96.

**TEACHING & MENTORING**

**Summary of number of trainees as of April 2019**:

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | **PhD students** | **Postdoctoral Fellows** | **Junior Faculty** | **Total** |
| **Current** | 0 | 3 | 2 | 5 |
| **Previous** | 32 | 25 | 10 | 67 |
| **Total** | 32 | 28 | 12 | 72 |

**1. Current Trainees**

|  |  |  |
| --- | --- | --- |
| **Student** | **Program** | **Dates of Training** |
| Brittany Belcher, PhD | Junior Faculty in Preventive Medicine/Health Behavior/KO1 mentor transitioning to RO1 independence | August 2015 - |
| Roshonda Jones, PhD | Postdoctoral Fellow | September 2016 –  (NIMHD diversity supplement recipient) |
| Paige Berger, RD, PhD | Postdoctoral Fellow | October 2016 –  K99/R00 recipient (April 2020) |
| Jasmine Plows, PhD | Postdoctoral Fellow | April 2018 - |
| Alaina Vidmar, MD | Assistant Professor, Division of Pediatric Endocrinology, CHLA | July 2018 - |

**2. Previous Trainees**

| **Student/Fellow** | **Program** | **Dates of Training** | **Current Employment** |
| --- | --- | --- | --- |
| Tanya Alderete-Smith, PhD | PhD Student (Systems Biology & Disease) & Postdoctoral Fellow; K99 mentor | August 2008 – May 2018 | Assistant Professor, University of Colorado, Boulder; Dept of Integrative Physiology (R00 funding) |
| Ashley Martin, PhD | Postdoctoral Fellow | July 2015 – June 2017 | Science/Health Advisor, Apple Computers |
| Lauren Gyllenhammer | PhD Student (Systems Biology & Disease) | October 2011 – December 2014 | Postdoctoral fellow; UC Irvine; K99 recipient |
| Brandon Kayser | PhD Student (Evolutionary Biology) | September 2011 – August 2014 | Postdoctoral Research Fellow, Institute for Cardiometabolism and Nutrition, Paris, France (advisor, Karine Clement); and Univ Washington, St Louis (Sam Klein) |
| Claudia Toledo-Coral | PhD Student (Health Behavior) & Postdoctoral Fellow | August 2005 – August 2014 | Assistant Professor of Nutrition, Cal State LA |
| Katie Page, MD | Junior faculty in Division of Endocrinology, USC | July 1st 2009 – August 2014 | Assistant Professor, Division of Endocrinology, USC |
| Harry Hu | Assistant Professor,  Department of Radiology, CHLA | August 2011 – May 2015 |  |
| Ryan Walker | PhD Student (Systems Biology & Disease) | September 2009 – August 2013 | Postdoctoral Research Fellow, Mt Sinai School of Medicine (Ruth Loos) |
| Jaimie Davis, PhD RD | Postdoctoral Fellow and Assistant Professor of Preventive Medicine, USC; KO1 mentor | January 2007 – December 2011 | Assistant Professor Nutrition, UT Austin with independent funding |
| Kerstin Schroder, PhD | Associate Professor, Department of Health Behavior, UAB | October 2011 – August 2012 | Associate Professor  Department of Health Behavior, UAB |
| Tanja Adam, PhD | Postdoctoral Fellow | September 2007 – October 2011 | Associate Professor of Human Biology, University of Maastricht, Holland |
| Emily Ventura, PhD | PhD Student (Health Behavior) & Postdoctoral fellow | August 2005 – October 2011  (Fulbright Fellow in Italy from March 2010 to December 2010) | Cancer Prevention Research Fellow, UCLA |
| Kim-Anne Le, PhD | Postdoctoral fellow | September 2009 – August 2011 | Scientist, Nestle, Lausanne, Switzerland |
| Swapna Mahurker, PhD | Postdoctoral fellow | September 2009 – July 2011 | Postdoctoral Fellow, USC Epigenome Center(mentor, Peter Laird) |
| Houchun Harry Hu, PhD | Junior faculty in Electrical Engineering | January 2008 – July 2011 | Assistant Professor of Pediatrics, CHLA |
| Rebecca Hasson, PhD | Postdoctoral fellow | January 2009 – August 2010 | Kellogg Health Scholar, UCSF |
| Joon Sun Kim, MD | Sabbatical fellow | March 2010 – January 2011 | Department of Pediatrics, University of Ulsan College of Medicine, South Korea |
| Courtney Byrd-Williams | PhD Student (Health Behavior) | August 2006 – July 2009 | Postdoctoral fellow, UT Austin |
| Jessica Fisher | MS Student (Physiology) | January 2008 –  July 2009 | Leave of absence |
| Katherine Alexander, MSc | Project manager/MS student | January 2007 -  July 2009 | PhD student in health behavior at SDSU |
| Rebecca Cherry, MD | Clinical Fellow on Pediatric GI | January 2007 – July 2009 | Assistant Professor, Ped GI, UCSD |
| Chris Roberts, PhD | Postdoctoral Fellow | January 2006 – Dec 2007 | Research Fellow, Dept of Physiology, UCLA |
| Jamie Davis, PhD, RD | Postdoctoral Fellow | June 2004 – Dec 2007 | Asst Professor, Dept of Preventive Medicine, USC |
| Marc Weigensberg, MD | Junior Faculty | July 2001 – Dec 2006 | Assoc Professor, Dept of Pediatrics, USC |
| Donna Spruijt-Metz, PhD | Assistant Professor, Dept of Preventive Medicine, USC | July 2000 – December 2009 | Associate Professor, Dept of Preventive Medicine, USC |
| Louise Kelley, PhD | Postdoctoral Fellow | August 2005 – July 2008 | Assistant Professor, Exercise Science Lutheran University, Thousand Oaks, CA |
| Corinna Koebnick, PhD | Postdoctoral Fellow | March 2006 – June 2007 | Research Scientist, Kaiser Permanente |
| Martha Cruz | Postdoctoral Fellow and Junior Faculty | September 2000 – August 2005 | Clinical Director, Global Development, Amgen |
| Oscar Winners | Staff | January 2005 – June 2006 | Resident, University of Alabama |
| Geoff Ball | Postdoctoral Fellow | February 2002 – June 2004 | Assistant Professor, Dept of Pediatrics University of Alberta |
| Gabriel Shaibi | PhD (Biokinesiology and Physical Therapy) | January 2002 – June 2006 | Postdoctoral fellow; U Arizona |
| Michael Watkins | Undergraduate Health Promotion at USC; PhD student (health behavior) | September 2000 – July 2004 | Industry |
| Noe Crespo | MPH student at USC | August 2003 – July 2005 | PhD student, San Diego Sate |
| Hassan Kobaissi | Fellow supported by ADA Podiatry Research training | July 2002 – August 2004 | Podiatrist |
| Suzanne Mitchell | Physician at White Memorial Hospital | Nov 2003 – August 2005 | Physician at White Memorial Hospital |
| Kate Neville | PhD student (health behavior) | September 2001 – December 2002 | Health Worker, State of Washington Health Department |
| Kate Coronges | PhD Student (Health Behavior) | May 2002 – Aug 2003 | PhD Student at USC |
| Chaoyang Li | PhD student (Health Behavior) | June 2000 – May 2001 | Scientist, CDC |
| Terry Huang | PhD student (health behavior) | September 1999 - May 2002 | Director of Pediatric Obesity Programs, NICHD |
| Maria Johnson | Postdoctoral fellow | April 1999 - June 2001 | Research Fellow; UAB |
| Andres Pena | Postdoctoral Fellow | September 2000 - July 2001 | Resident in Family Practice; USC |
| Patric Nelson | MPH student | September 1999 -Dec 2000 | Associate Director, Medical Affairs; Amylin Pharmaceuticals |
| Sohaila Shakib | Postdoctoral fellow | September 1999 - September 2000 | Postdoctoral Fellow (USC Institute for Prevention Research) |
| Sara Herd, PhD | Postdoctoral fellow | Sep 1998 - January 2000 | Leave of absence from research |
| Min Sun | PhD - Nutrition Sciences (chair of research committee) | January 1997 - December 1999 | Research Fellow, University of Verona |
| David Fields | PhD – Exercise Physiology, Auburn University | January 1997 – July 1999 | Assistant Professor, OUHSC |
| Gina Solimine | undergraduate summer intern from Purdue Univ (Food & Nutrition major) | May 1997 - December 1999 | Due to Graduate, May 2001 |
| Lisa Nicholson | Postdoctoral fellow | September 1999 - December 2000 | Assistant Professor of Nutrition; Cal State |
| Christine Lindqvist, PhD | Postdoctoral fellow | July 1997 - July 1999 | Scientist; Research Triangle Institute |
| Miriam Peralte, MD | minority CAP award | Jan 1996 - July 1999 | Assistant Professor of Pediatrics, UAB |
| Louise Brady | Undergraduate exchange student | June 1998 - July 1999 | Graduate in Nutrition |
| Enette Larson | PhD - Nutrition Sciences (member of research committee) | Sep 1994 - Nov 1998 | Postdoctoral fellow, UAB |
| Beth Barden | PhD student at University of Philadelphia - external advisor | Sep 1997 - Nov 1998 | Freelance writer |
| Charlotte Mayo | PhD - Nutrition Sciences (member of research committee) | Sep 1994 - Dec 1997 | completed PhD |
| Farah Ramirez | PhD - Nutrition; Ohio State Univ (member of thesis committee) | June 1996 - dec 1997 | teaching in Puerto Rico |
| Ching-Yi Ku | MPH - International Health | Sep 1996 - Sep 1997 | Dietician in Taiwan |
| Chris Trowbridge | PhD - Nutrition Sciences (chair of research committee) | June 1997 - June 1998 | pre-medical school |
| Tina Cummings | Undergraduate Nutrition Intern (University of Ulster) | June 1997 - June 1998 | Graduate student |
| Carl Dezenberg, MD | Fellowship in Pediatric GI/Nutrition | Sep 1995 - July 1997 | Private practice |
| Barbara Gower, PhD | Postdoctoral Fellow - Nutrition Science | June 1995 - Jan 1997 | Asst Prof at UAB |
| Michelle Hornberger | MSc - Nutrition Sciences | Jan 1996 - June 1997 | clinical dietetics |
| Michael Toth | PhD Physiology; University of Maryland (external thesis advisor) | Jan 1995 - | Postdoc with Dwight Mathews at Univ VT |
| Renee Wren, MPH | MPH, International Health | Sep 1995 -  Sep 1996 | PhD student in Epidemiology |
| Tim Nagy, PhD | Postdoctoral Fellow - Nutrition Science | Sep 1994 -  June 1996 | Associate Prof in Nut Sci at UAB |
| Margarita Treuth, PhD | Postdoctoral Fellow - Nutrition Science | Jan 1994 -  June 1995 | Associate Prof; Johns Hopkins |
| Von Nguyen, RD | MSc - Clinical Nutrition (chair of research committee) | Sep 1994 - Aug 1995 | Peace Core |
| Katherine McClanahan, RD | MSc - Clinical Nutrition (chair of research committee) | Sep 1994 - Aug 1995 | dietician in Industry |
| Aileen McGloin, BSc | Bsc - Nutrition Sciences (exchange program from Univ Ulster) | Aug 1993 - Sep 1994 | Northern Ireland Dairy Board |
| William Carpenter, RD | MSc - Nutrition Sciences, UVM (chair of research committee) | Sep 1991 - Aug 1993 | Research; MetRx corporation |
| Paul Arciero, PhD | MSc Nutrition Sciences, UVM (chair of research committee) | Sep 1992 - Aug 1993 | Faculty, Skidmore College |

**3. Selected Teaching Activities**

2017 Course instructor for HP 430, undergraduate course “Obesity and Health”

2016 Course instructor for HP 430, undergraduate course “Obesity and Health”

2016 Course Instructor for HP 431, undergraduate course “Behavioral and Educational Strategies for Nutrition and Physical Activity”

2015 Course instructor for HP 430, undergraduate course “Obesity and Health”

2014 Course instructor for HP 430, undergraduate course “Obesity and Health”

2014 Course instructor for HP 200, undergraduate course “Introduction to Health Behavior and Disease Promotion

2013 Course instructor for HP 200, undergraduate course “Introduction to Health Behavior and Disease Promotion

2005 Course instructor for HP 430 “Obesity, Metabolism and Health”

2002 Course instructor for PM 599 “Obesity, Metabolism and Health”

2001 Course instructor for PM 599 “Obesity, Metabolism and Health”

2000 Course instructor for PM 599 “Obesity, Metabolism and Health”

2000 Lecture on Obesity and Health to HP 400

1999 Seminar to PhD students at USC in Health Behavior

1998 Seminar to the Department of Psychology at UAB

1997 Lecture on Etiology of Obesity to Physical Therapy Graduate Students (course master Claire Peel)

1996 Course instructor for Energy Metabolism & Body Composition

1996 Lecture on Energy Metabolism and Obesity to Nutritional Biochemistry Graduate Course

1996 Lecture on Methods in Energy Metabolism and Obesity to Methods in Nutrition Sciences Graduate Course

1995 Course instructor for Energy Metabolism & Body Composition

1995 Guest lecture to graduate students enrolled in "Nutrition, Infection, & Immunity" (Course organizer: Dr Charles Stephenson)

1995 Guest lecture to Graduate Students enrolled in MCH 607/707, Nutrition in Maternal & Child Health (Course organizer: Dr Carol Hickey)

1995 Co-Organizer for Annual NASSO Continuing Education Symposium on "Prevention and Treatment of Obesity in Special Populations".

1995 Lecture on Energy Metabolism and Obesity to Nutritional Biochemistry Graduate Course

1994 Organizer of weekly research seminar series for Energy Metabolism Research Unit

1994 Course instructor for Energy Metabolism & Body Composition

1994 Lecture on Energy Metabolism to Dietetic Interns at UAB

1994 Lecture on Energy Expenditure and Body Composition to graduate students in exercise physiology

1994 Lecture on Body Composition to Dietetic Interns at UAB

1993 Organizer of weekly research seminar series for Sims Obesity/Nutrition Research Center

1993 Lecture to 3rd Year Medical Students, Nutrition Elective; "Energy expenditure and body composition" (Course director, Dr Jorge Calles)

1988 Reserve Instructor of Chemistry, Galveston Community College, Galveston, Texas

1989 Reserve Instructor of Chemistry, Galveston Community College, Galveston, Texas

1985 Summer School Tutor at Open University, Milton Keynes, England. (2nd level Biology)

1986 Summer School Tutor at Open University, Milton Keynes, England. (2nd level Biology)