

DAVID B. ALLISON, Ph.D.  
*DISTINGUISHED PROFESSOR*  
*Quetelet Endowed Professor of Public Health*  
Associate Dean for Science  
School of Public Health  
University of Alabama at Birmingham  
Ryals Building, Room 140J  
1665 University Boulevard  
Birmingham, Alabama 35294  
Phone: (205) 975-9167  
Email: [Dallison@uab.edu](mailto:Dallison@uab.edu)

## CITIZENSHIP

United States Citizen

## EDUCATION

Columbia University College of Physicians and Surgeons & Saint Luke's/Roosevelt Hospital  
NIH Post-Doctoral Research Fellowship in the Department of Medicine & Obesity  
Research Center, 1991-94

Johns Hopkins University School of Medicine & The Kennedy Institute  
Post-Doctoral Fellow in Departments of Pediatrics and Behavioral Psychology, 1990-91

Hofstra University, Hempstead, New York  
Ph.D. in Clinical and School Psychology from an APA approved program, July 1990.

Hofstra University, Hempstead, New York  
Master of Arts in Clinical and School Psychology, August 1987.

Vassar College, Poughkeepsie, New York  
Bachelor of Arts in Psychology, May 1985.

## CURRENT ACADEMIC EMPLOYMENT

### ***The University of Alabama at Birmingham – Current Primary Roles***

◆ February 2011 through Present – ***Distinguished Professor***. “Distinguished Professor is a campus-wide appointment, recognizes international accomplishments, is to be limited in number, and is to be recommended to the Board by the appropriate President and the Chancellor in order to confer richly deserved prestige and honor on those selected to receive this designation” (UAB Faculty Handbook). Dr. Allison was the 21<sup>st</sup> person to receive this distinction in the history of UAB.

Since July 2011, my two primary roles within the University are as follows.

**Associate Dean for Science of the School of Public Health and Founding Director, Office of Energetics**

As Associate Dean for Science, I am responsible for developing a comprehensive Research Support Program that offers programs, seminars, and services to facilitate, encourage, and support the School's scientific enterprise. As Director of the Office of Energetics (with energetics being the study of the causes, mechanisms, and consequences of the acquisition, storage, and utilization of metabolizable energy by biological organisms), I am responsible for developing unique programs and initiatives for this new, highly collaborative Office. These programs and initiatives address obesity and related factors from multiple perspectives in ways that provide new insights into this epidemic that ravages huge segments of the population.

**Director, Nutrition Obesity Research Center (since 2002)**

Position entails: (a) Helping to grow and leading Center; (b) Obtaining competitive renewals of NIH Core Grant; (c) Developing, obtaining funding for, and leading extramurally funded training programs in obesity research; (c) arranging and overseeing educational enrichment program of seminars, workshops, and national conferences; (d) conducting original research on the causes, consequences, and treatment and prevention of obesity; (d) Facilitating the nutrition and obesity research of other investigators by funding core laboratories and pilot grants; (f) mentoring students, fellows, and young faculty; (g) supervising administrative staff; and (g) fund-raising.

***The University of Alabama at Birmingham – Past Primary Roles (March 2001 through July 2011)***

Primary Appointment: ***Professor of Biostatistics.***

Prior to July 2011, my two primary roles within the University were as follows.

**Head, Section on Statistical Genetics**

Position entails: (a) Building and leading Section on Statistical Genetics; (b) conducting original research in design and statistical analysis methods with particular emphasis on statistical genetics; (c) conducting original research on the causes, consequences, and treatment and prevention of diseases areas; (d) collaborating with other investigators on their projects, particularly with respect to data analysis, and training students, interns and post-doctoral fellows; (e) developing curricula and participating in graduate level education; (f) supervising faculty, fellows, and staff; and (g) fund-raising and administration.

**Director, Nutrition Obesity Research Center**

Position entails: (a) Helping to grow and leading Center; (b) Obtaining competitive renewals of NIH Core Grant; (c) Developing, obtaining funding for, and leading extramurally funded training programs in obesity research; (c) arranging and overseeing educational enrichment program of seminars, workshops, and national conferences; (d) conducting original research on the causes, consequences, and treatment and prevention of obesity; (d) Facilitating the nutrition and obesity research of other investigators by funding core laboratories and pilot grants; (f) mentoring students, fellows, and young faculty; (g) supervising administrative staff; and (g) fund-raising.

### ***Other Notable Roles within UAB (past and present)***

- Head, Section of Statistical Genetics (SSG), Dept of Biostatistics, 2001 - present. Founded SSG in 2001. As of 2/1/10, SSG includes 11 full time faculty (including DBA), 13 post-doctoral fellows, 4 administrative staff, and 7 programmers.
- Associate Director of Clinical Nutrition Research Center, 2001 – 2003
- Acting Director of Clinical Nutrition Research Center, Jan – May 2003
- Director of Nutrition & Obesity Research Center (formerly called Clinical Nutrition Research Center), June 2003 – present
- Senior Scientist, UAB Arthritis and Musculoskeletal Center, 2002 - present
- Senior Scientist UAB's Center for Outcomes and Effectiveness Research and Education (COERE), 2002 – present.
- Senior Scientist of UAB Comprehensive Cancer Center 2003 - present.
- Senior Scientist, UAB Minority Health and Research Center, 2003 – present
- Internal Advisory Committee member for UAB's Center for Aging Research, 2005 – present.
- Senior Scientist, UAB Center for Aging Research, 2005 – present
- Senior Scientist, UAB Comprehensive Diabetes Center, 2008 – present
- Senior Scientist, UAB Center for AIDS Research, 2008 – present
- Senior Scientist, UAB Center for Cardiovascular Biology, 2010 – present
- See '*INTRAMURAL COMMITTEE & SERVICE WORK*' section (page 89) for additional UAB appointments.

### **PAST ACADEMIC EMPLOYMENT**

June 1994 to March, 2001

The New York Obesity Research Center, Saint Luke's/Roosevelt Hospital Center. Position: Associate Research Scientist. Position entails designing and conducting original research in the causes, consequences, and treatment and prevention of obesity and related areas, collaborating with other investigators on their projects, particularly with respect to data analysis, and training students, interns and post-doctoral fellows.

- Member of Executive Committee.
- Associate Director of Biostatistics & Computing Sub-Core.
- Associate Director of Post-Doctoral Fellow Training Program.

### **ACADEMIC APPOINTMENTS**

**September 1994 to March 1999.** Assistant Professor of Clinical Psychology (in Psychiatry) - Columbia University College of Physicians and Surgeons.

**July 1997 to 2000.** Assistant Professor (adjunct) of Psychology (in Psychiatry) in the Associated Faculty of the School of Medicine – University of Pennsylvania.

**December 1998 to June, 2001.** Doctoral Program Subcommittee on Nutrition Member, Columbia University Institute of Human Nutrition.

**April 1999 to March, 2001.** Associate Professor of Medical Psychology (in Psychiatry) - Columbia University College of Physicians and Surgeons.

**March, 2001 to June 2011.***Primary Appointment*

Professor of Biostatistics (with tenure) – University of Alabama at Birmingham, School of Public Health, Department of Biostatistics.

*Secondary Appointments*

Professor, Department of Nutrition Sciences, University of Alabama at Birmingham.

Professor, Department of Genetics, University of Alabama at Birmingham.

Professor, Department of Medicine, Division of Rheumatology, University of Alabama at Birmingham.

**July, 2011 to Present.***Primary Appointment*

Distinguished Professor, Quetelet Endowed Professor of Public Health, Associate Dean for Science, (with tenure) – University of Alabama at Birmingham, School of Public Health.

*Secondary Appointments*

Professor of Biostatistics – University of Alabama at Birmingham, School of Public Health, Department of Biostatistics.

Professor, Department of Nutrition Sciences, University of Alabama at Birmingham.

Professor, Department of Genetics, University of Alabama at Birmingham.

Professor, Department of Medicine, University of Alabama at Birmingham.

**HONORS & AWARDS**

Selected for membership in the national public health honor society, Delta Omega, April, 2013.

Recipient of 2013 The Wright Gardner Award from the Alabama Academy of Science (conferred March 21, 2013). This award was established by the Alabama Academy of Science to honor individuals whose research work during residence in Alabama has been outstanding.

Elected to membership in the Johns Hopkins Society of Scholars in 2013. The Society was established in 1967 by the trustees of the University to honor distinguished former Johns Hopkins postdoctoral fellows and junior or visiting faculty who have served at least a year at Johns Hopkins and thereafter gained marked distinction elsewhere in their fields.

Recipient of American Society of Nutrition's 2013 Dannon Institute Mentorship Award (announced Feb 2013, to be conferred April, 2013).

Recipient of UAB Graduate Dean's Excellence in Mentorship Award for 2013 (announced Dec 2012, to be conferred April, 2013).

**Elected to The Institute of Medicine of the United States National Academies,  
October 2012.**

Appointed the first *Quetelet Endowed Professor of Public Health* by the University of Alabama at Birmingham, February 2012.

Elected to Fellowship in the Institute of Mathematical Statistics, April 2012.

Selected to deliver the 2012 first annual Provocateur Lecture for Scientific Conference of the Coca-Cola Company, for lecture titled "*Science Itself is the Antidote to Bias in Science: Using the Scientific Method to Measure and Buttress Research Integrity.*"

Selected as the 2011 UAB Distinguished Faculty Lecturer Award. The Distinguished Faculty Lecturer Award honors individuals in the Academic Health Center of the University of Alabama at Birmingham who have made major contributions in education, research, or service. It is the highest award UAB gives on the Health Sciences campus. See: <http://www.soph.uab.edu/event/distinguishedfaculty2011>.

Selected as 2011 Annual Delta Omega Honorary Society Lecturer by the University of South Carolina. Presented talk entitled: "Obesity: A Look Through the Kaleidoscope".

Member of National Institutes of Health College of CSR Reviewers, 2010 to present.

Recipient of the 2009 TOPS Research Achievement Award from the Obesity Society (formerly NAASO). This award recognizes an individual for singular achievement or contribution to research in the field of obesity. Recipients receive a \$5,000 cash prize plus a travel grant to the Annual Scientific Meeting. The award was presented during a plenary session at the annual meeting at which the recipient delivers the TOPS Award Lecture.

Recipient of the American Society of Nutrition's Centrum Center for Nutrition Science Award. Given in recognition of recent investigative contributions of significance to the basic understanding of human nutrition. Conferred at ceremony at the Experimental Biology meeting in April, 2009.

Elected as a Fellow of the American Association for the Advancement of Science (AAAS), 2009.

Elected as a Fellow of the Society of Behavioral Medicine, 2009.

Faculty mentor of the year nominee at the Compact for Faculty Diversity Institute on Teaching and Mentoring, 2009.

Elected as a Fellow of the American Psychological Association, 2008.

Recipient of a 2008 Minority Health Research Center (MHRC) Charles Barkley Excellence in Mentoring Award. Award conferred by Charles Barkley at the UAB MHRC Gala.

**Recipient of a 2006 Presidential Award for Excellence in Science, Mathematics and Engineering Mentoring (PAESMEM).** The White House established the Presidential Awards for Excellence in Science, Mathematics and Engineering Mentoring (PAESMEM) to identify outstanding mentoring efforts to enhance the participation of groups underrepresented in science, mathematics and engineering. The awards are given competitively as part of a national peer-review process. This is the nation's highest award for mentoring given to no more than 10 individuals nationally each year. It was accompanied by a \$10,000 prize, a Presidential certificate awarded at the White House on November 16<sup>th</sup>, 2007, and a personal visit with President Bush in the Oval Office.

Elected as a Fellow of the American Statistical Association, 2007, a distinction given to no more than 1/3<sup>rd</sup> of 1% of the membership annually.

Fellow of the American Psychological Society.

Selected as a 2007 John H. Blaffer Lecturer by the MD Anderson Cancer Center.

Selected as the Spring 2006 York Distinguished Lecturer by the University of Florida. See: <http://yorklecture.ifas.ufl.edu/Allison.htm>

Selected as 2006 Residents' Invitational Grand Rounds Lecturer for the Department of Psychiatry at Washington University of St. Louis.

Recipient of the 2005 UAB School of Public Health Distinguished Faculty Investigator Award.

Elected as Fellow of the Society for Design and Process Science in 2004.

Recipient of the 2002 Andre Mayer Award from the International Association for the Study of Obesity (IASO). This international award is given once every four years to signify outstanding achievement by an investigator who is less than 40 years old. Award conferred August 2002 and accompanied by a \$1,000 prize.

Recipient of the 2002 Lilly Scientific Achievement Award from the North American Association for the Study of Obesity (NAASO). This annual award is intended to signify outstanding achievement by an investigator who is within 15 years of having received their doctoral degree. Award conferred February 2002 and accompanied by a \$5,000 prize.

Recipient of the 2000 Wodecroft Investigator Award from the National Alliance for Research on Schizophrenia and Affective Disorders.

Recipient of the 1999 Award for *Outstanding Achievement in Health Psychology* from the Health Psychology Division of the American Psychological Association.

Visiting Professor at Guy's & St. Thomas' Trust Hospital's Twin Research & Genetic Epidemiology Unit, London England, 1999-2000.

Recipient of the 1996 Neal Miller Early Career Award from the Academy of Behavioral Medicine. Award accompanied by \$1,500 prize.

Received Bursary Award from the Ciba Foundation to attend Symposium on *The Origins and Consequences of Obesity* in Kingston, Jamaica, November 27-30, 1995. Award paid all expenses to conference and provided full support to visit and study in another scientist's laboratory. I studied statistical gene mapping strategies with Nicholas Schork and Robert Elston at Case Western Reserve University from January 1, 1996 to February 2, 1996.

Recipient of Award to Young Investigators to support travel to and attendance at the 1995 FASEB Summer Conference on *Genetic Aspects of Obesity and Energy Regulation* held in Copper Mountain Colorado.

Recipient of the 1994 Theodore Tjossom Post-Doctoral Award for paper: Allison, D. B., Heshka, S., Sepulveda, D., Babbitt, R. L., & Heymsfield, S. *Resting Metabolic Rate Among Persons With Down Syndrome*. Award accompanied by \$400 prize.

Finalist (one of three) for the Society for Clinical Trials' Student and Post-Doctoral Fellow Scholarship Awards for: Allison, D. B., & Pi-Sunyer, F. X. *Optimal Stage I Screening Criteria to Minimize Clinical Trial Recruitment Costs*. Presented at the annual meeting of the Society for Clinical Trials, May, 1994.

Finalist for 1993 North American Association for the Study of Obesity Young Investigator Award for study: Allison, D. B., Neale, M. C., Heshka, S., & Heymsfield, S. B. *Race Effects in the Genetics of Adolescents' Body Mass Index*.

Recipient of Travel Award to Young Investigators at the 1993 FASEB Summer Conference on *Genetic Aspects of Obesity and Energy Regulation* held in Copper Mountain Colorado.

Recipient of 1992 Clinical Nutrition Fellows Award by the American Society for Clinical Nutrition for the paper: Allison, D. B., Heshka, S., & Heymsfield, S. B. *The Independent Effects of Age on Metabolic Rate: A "Mini-Meta-Analysis."* Award accompanied by \$750 prize.

Received Merit Citation from the Society for Behavioral Medicine for the paper: Murphy, C. M., Babbitt, R. L., Allison, D. B., & Patterson, H. L. *The Prevalence and Characterization of Obesity Among Children with Developmental Disabilities Compared to Nondevelopmentally Disabled Controls*. Paper presented to the Society for Behavioral Medicine, March, 1992.

Nominated for the 21st Annual James McKeen Cattell Award of the New York Academy of Sciences for an outstanding doctoral dissertation in psychology, 1990-91.

Nominated for Robinson Award for best dissertation at Hofstra University in 1990.

#### KEY LEADERSHIP ACTIVITIES IN FUND-RAISING, EDUCATION, TRAINING & RESEARCH PROMOTION (selected)

- **Established the "William Sealy 'Student' Gosset Professorship" in Biostatistics at UAB.** Conceived the idea and raised the endowment funds. Approved by UAB's Board of Trustees in November 2008. This is the first endowed professorship in UAB's School of Public Health. Website at <http://www.soph.uab.edu/ssg/opportunities/endowedprofessorship>.
- **Established the "Sir David Cox Professorship" in Biostatistics at UAB.** Conceived the idea and raised the endowment funds. Approved by UAB's Board of Trustees in September

2010. This is the second endowed professorship in UAB's School of Public Health. Website at <http://www.soph.uab.edu/news/coxprofessorship>.

- **Established the "Quetelet Endowed Professor of Public Health" at UAB.** Conceived the idea and raised the endowment funds. Approved by UAB's Board of Trustees in 2012. This is the third endowed professorship in UAB's School of Public Health. Website at <http://www.uab.edu/development/waystogive/endowments/professorships>.
- **Founding Editor-in-Chief of Frontiers in Genetics,** an open-source peer-reviewed journal, 2010 - present.
- **Science Unbound Foundation (SUF).** Founded and serve as the President of the SUF. The SUF is an IRS-approved 501c3 not-for-profit foundation that was inaugurated on 6/17/03 and has as its mission: "Furthering scientific knowledge in the service of health, happiness, and quality of life of humankind through scientific research and education." The Foundation provides annual awards to investigators for papers published in 5 categories: (UAB) obesity or nutrition, (UAB) statistical genetics, (UAB) general statistics, (UAB Student) obesity-related research, & (New York Obesity Research Center, St. Luke's-Roosevelt Hospital/Columbia University) obesity-related. - Website at <http://www.scienceunboundfoundation.org/index.html>.
- **Janet L. Norwood Award For Outstanding Achievement By A Woman In The Statistical Sciences.** Conceived and established the award not only to recognize Dr. Norwood's achievements, but also to recognize the contribution of all women to the statistical sciences. Currently fund-raising for endowment. For details, see: <http://www.soph.uab.edu/ssg/norwoodaward/aboutaward>.
- **Short Course "Statistical Genetics & Genomics".** Principal Investigator & Director of National Science Foundation-funded national short course held annually. 2008 to 2010. - Website at <http://www.soph.uab.edu/ssg/courses>.
- **Short Course "Statistical Genetics for Obesity & Nutrition Researchers".** Principal Investigator & Director of NIDDK-funded national short course "Statistical Genetics for Obesity & Nutrition Researchers" (R01DK056366 & R56DK056366). Six courses held with roughly 50 students per course for the grant period from 7/1/00 - 6/30/06. - Website at <http://www.soph.uab.edu/ssg/courses>.
- **Short Course "Frontiers in Statistical Genetics for NIAMS Researchers".** Co-Director of NIAMS-funded national short course "Frontiers in Statistical Genetics for NIAMS Researchers" (R13AR051126). Two courses held with roughly 50 students per course for the grant period 6/1/04 - 5/31/06. - Website at <http://www.soph.uab.edu/ssg/courses>.
- **Short Course on "Design and Analysis of Plant Microarray Experimentation.** Principal Investigator & Director of NSF-funded national short course offered as part of "Design and Analysis of Plant Microarray Experimentation" (grant # 0217651). Two courses held with roughly 50 students per course for the grant period from 10/1/02 - 9/30/06. - Website at <http://www.soph.uab.edu/ssg/courses>.
- **UAB Statistical Genetics Post-doctoral Training Program.** Principal Investigator & Director of NHLBI-funded T32HL072757 "UAB Statistical Genetics Post-doctoral Training Program" for postdoctoral fellows. Wrote initial grant application to obtain funding for program, responsible for recruitment of fellows, overseeing implementation of program, mentoring other mentors, and mentoring selected fellows. 6 slots per year for the grant period 4/01/09 - 3/31/13. - Website at <http://www.soph.uab.edu/ssg/opportunities/postdoctoral>
- **UAB Obesity Post-Doctoral Training Program.** Principal Investigator & Director of NIDDK-funded T32DK062710 "UAB Obesity Training Program" for postdoctoral fellows. Wrote initial grant application to obtain funding for program, responsible for recruitment of fellows, overseeing implementation of program, mentoring other mentors, and mentoring selected



fellows. 4 slots per year for the grant period 6/1/04 - 5/20/09. - Website at <http://www.norc.uab.edu/opportunities>.

- **UAB NHLBI-funded Obesity Pre-Doctoral Training Program.** Principal Investigator & Director "UAB Pre-Doctoral Training Program in Obesity Related Research." A T32 pre-doctoral training grant from the National Heart, Lung, and Blood Institute (T32HL105349). Period: 09/22/2010 – 08/31/2015. Will have 8 slots per year once achieving steady state.
- **Kraft-UAB Obesity Pre-Doctoral Training Program.** Principal Investigator & Director of Kraft Foods-funded grant to offer pre-doctoral training fellowships to Ph.D. students studying obesity-related research at UAB. 2006 – present.
- **UAB Biostatistics Pre-doctoral Training Program.** Initial Principal Investigator & Director of NHLBI-funded 32HL079888 "UAB Biostatistics Pre-doctoral Training Program" predoctoral fellows. Wrote initial grant application to obtain funding for program, responsible for recruitment of fellows, overseeing implementation of program, mentoring other mentors, mentoring selected fellows, for the initial grant period. Then passed Directorship to Hemant Tiwari. Website at <http://www.soph.uab.edu/ssq/opportunities/predocutorial>.
- **Hughes Med-Grad (HMG) Fellowship Program** for predoctoral fellows, Principal Investigator Thomas Clemens PhD. Assisted Dr. Clemens in conceiving program and writing grant application to the Howard Hughes Medical Institute. Currently serve as a member of the HMG Development Committee, Core Leadership team, Co-Direct the Quantitative Methods course, and as a potential mentor for fellows. The program aims to create a new pathway of graduate education designed to give PhD students a more targeted exposure of human biology and disease. The interdepartmental program pairs students with mentors conducting cutting edge disease-based research and provides exposure to patient-oriented, case-based topics, clinical research design and understanding of drug discovery. 6 slots, 4/1/06 - 3/31/10. - Website at [http://peir.path.uab.edu/medintograd/cat\\_index\\_29.shtml](http://peir.path.uab.edu/medintograd/cat_index_29.shtml).
- **Chair of UAB's Council of Center Directors.** Elected December, 2008. Served as Chair-Elect in 2009 and Chair in 2010. UAB's Council of Center Directors is the key convening body for the over 20 University-Wide Interdisciplinary Research Centers on campus that collectively represent on the order of 80% or more of the research conducted at UAB.

## FORMAL LEADERSHIP TRAINING

Successfully completed Leadership Training in the Executive Education program at Duke University's Fuqua School of Business, October, 2010.

## PATENT(S)

- Provisional patent application, serial number 61/421,327 – pending. "Photographic method for human body composition assessment".

## BOARDS of TRUSTEES

- Member of the Board of Trustees for the International Life Science Institute, North America, 2002 to present.
- Vice-Chair of the Board of Trustees for the International Life Science Institute, North America, 2011 to present.

## CONSULTING and ADVISING (selected listing)

GOVERNMENT (not necessarily an exhaustive listing)

- Co-led Workshop given to FDA's Contacts in the Center for Biologics Evaluation & Research (CBER) on the Application of Genomic Science, Sept, 2012.
- Consultant to Federal Trade Commission (FTC) on validity of weight loss product claims, 1998 – 2005, 2009-2010, 2012.
- Member of Advisory Board for National Institutes of Health (NHLBI)'s Bed to Bassinet pediatric heart research program, 2010 – 2011.
- Consultant to Department of Justice (DOJ) on validity of weight loss product claims, 2004 – 2006.
- Consultant to United States Postal Inspectors' Service on validity of weight loss product claims, 2001, 2004 - 2005.
- Consultant to Food and Drug Administration's (FDA) on validity of weight loss product claims, 2002 – 2004.
- Consultant/reviewer for the RAND Corporation on a comprehensive report of the safety and efficacy of ephedra and ephedrine containing products for weight loss funded by the Agency for Health Care Policy & Research, 2002.
- Consultant to the National Institute of Diabetes, Digestive, and Kidney Diseases (NIDDK) of the National Institutes of Health on preparation of the document: *Conquering Diabetes. Highlights of program efforts, research advances opportunities. A scientific progress report on the Diabetes Research Working Group's strategic plan.* NIH Publication No. 02-5137. September, 2002.
- Served on a special Public Affairs Task Force of the North American Association for the Study of Obesity (NAASO) to provide information regarding dietary supplements for weight loss to the U.S. General Accounting Office (GAO) – 2002.
- Consultant to the Food and Drug Administration in their oversight and collaborative development of Proctor & Gamble's post-market surveillance of olestra (*Olean*); 1996-1997.
- Statistical Consultant to U.S. Department of Justice, Federal Bureau of Prisons regarding detection of malingering versus psychopathology, 1996.
- Member of expert advisory panel convened by the Life Sciences Research Office of the Federation of American Societies of Experimental Biology at the behest of the Food and Drug Administration (FDA) to prepare a document advising the FDA as to how to review petitions for new food additives (e.g., macronutrient substitutes), 1996-1999.
- Served on Food and Drug Administration's (FDA) Scientific Advisory Council to review the fat replacer *olestra* (sucrose polyester), November, 1995.

NON-PROFIT (not necessarily an exhaustive listing)

- Member of the Writing Panel for the American Society for Nutrition's Scientific Statement on High Fructose Corn Syrup/Sucrose, 2012-present.
- Reviewer of draft position statement for the American Society for Nutrition (ASN), 2013.
- Advisor to The David and Lucile Packard Foundation on fructose-related research, 2012.

- Consultant to Consumers' Union regarding survey design to assess weight loss success associated with various commonly marketed techniques, 2001.
- "Communicator" for the International Food Information Council, an organization whose mission is to help the public and mass media obtain accurate information regarding food-related issues. Responsibilities include giving interviews to members of the mass media, developing educational materials for the general public, and helping to organize conferences; 1995-2008.
- Panel participant for the Life Science Research Office of the Federation of American Societies of Experimental Biology's planning group to develop guidelines and procedures for third party review of health and other claims for dietary supplements. November, 2000.
- Member of the Advisory Board of the *Partnership for the Promotion of Healthy Eating and Active Lifestyles (PPHEAL)* a group whose mission is to use scientific knowledge to promote healthier lifestyles in the areas of diet and activity, 1999 to 2000.
- Member of International Life Science Research Institute's Food Safety and Nutrition Committee, 1997-2000.
- Statistical Consultant to Community Research Initiative on AIDS, 1997.
- Member of the *International Food Information Council's* Expert Committee, 1995 - Present.
- Statistical Consultant to *God's Love We Deliver* for a project related to the effects of home nutrition on health and quality of life, 1995.
- Statistical Consultant to the International Life Sciences Institute and the United States Department of Agriculture on an experimental assessment of the effects of *trans*-fatty acid consumption.
- Grant writing and statistical consultant to the Milestone School for Child Development, 1991 to 1995.
- Consultant on research design and statistics to the Crossroads School for Child Development, 1995 to 2000.
- Served on the *Obesity & Health* Task Force on Weight Loss Abuse, 1992-1993.
- Served on Advisory Board for the Betty Jane Rehabilitation Center of Ohio, 1991-1992.

ACADEMIC/SCIENTIFIC (not necessarily an exhaustive listing)

- Member of the External Advisory Committee for the Mid-Atlantic Nutrition Obesity Research Center (NORC) at University of Maryland, 2012-2014.
- Chaired the First International Advisory Board, Department of Human Nutrition, Faculty of Life Sciences, University of Copenhagen, 2010.
- Member of Data Safety and Monitoring Board (DSMB) for Serena Trial for Dr. Robert Ross at Queens University of Canada – 2010 – present.
- Consultant to Dr. Zhao Chen of the University of Arizona on design and analysis of genome wide association studies – 2008 to present.
- Consultant to Dr. Catherine Kotz of the University of Minnesota on VA-funded and NIH-funded obesity-related research – 2004 - 2009.
- Consultant to Dr. Nir Barzilai of Albert Einstein College of Medicine on NIH-funded aging- and obesity-related research – 2004 - 2007.

- Consultant to Dr. Anil Malhotra of Long Island Jewish Hospital on antipsychotic-induced weight gain – 2005 - 2007.
- Member of External Advisory Board, Yale/NIDA Neuroproteomics Research Center, 2005 – 2006.
- Ad-hoc Member of the Jackson Laboratory’s Board of Scientific Overseers, 2003.
- Member of the External Advisory Committee to the University of Arkansas’ NIH-funded Biomedical Research Infrastructure Network, 2001 - 2003.
- Member of the External Advisory Board to the University of Alabama’s NIH-funded Clinical Nutrition Research Center, 1999 to 2001.
- Consultant to Dr. Julie Mattison, and formerly Drs. Mark Lane, George Roth, and Donald Ingram of the National Institute on Aging for a study of Caloric Restriction and Longevity among Non-Human primates, 1999 to present.
- Consultant to Dr. Richard Weindruch of the University of Wisconsin at Madison on program project grant to evaluate the effects of caloric restriction on health and longevity in non-human primates (rhesus monkeys) and related projects, 1998 to present.
- Consultant to Dr. Philippe Froguel of the Pasteur Institute on statistical methods for detecting obesity and diabetes genes, September, 1999.
- Consultant to Dr. David Watkins of the University of Wisconsin at Madison on the statistical analysis of data regarding the development of HIV vaccines, 1999 to Present.
- Consultant to Dr. Louis Picker of Oregon Health & Science University on the statistical analysis of data regarding the development of HIV vaccines, 2003 to 2006.
- Consultant/Advisory Board member for Dr. Richard Miller’s program project grant “*Genetics of Age-Sensitive Traits In Mice*” at the University of Michigan, Ann Arbor, 2001.
- Statistical consultant to Dr. Robert Ross of Queen’s University (Canada) on issues related body composition changes with exercise treatment, 1999-2001.
- Statistical consultant to Dr. Howard Pratt of Indiana University School of Medicine on NIH-funded research regarding the genetics of blood pressure regulation, 2000 – 2005.
- Consultant to the National Institute of Diabetes Digestive and Kidney Disease’s research center in Phoenix, Arizona (Drs. Knowler, Tataranni, Ravussin, and Bogardus) on statistical and methodological issues in conducting their genome-wide search for obesity and diabetes genes in Pima Indians. December, 1997 and on general obesity research issues, 2000 - 2005.
- Consultant to Dr. George L. Blackburn of Harvard University on multiple NIH proposals and NIH-funded projects in the 1990s.
- Consultant to Dr. Alan Green of Harvard University on anti-psychotic induced weight gain, 1999 to 2001.
- Consultant to Dr. James Swanson of University of the California at Irvine on Statistical Genetics, 2000.
- Consultant to Drs. Albert J. Stunkard, Myles Faith, and others of the University of Pennsylvania on statistical and obesity related issues, 1996 – 2000, 2003-2004.
- Consultant to Dr. Caryn Lerman of the University of Pennsylvania on statistical aspects of pharmacogenetics, 2003- 2006.
- Consultant to NIH grant R21 DK44434 on “Long-term outcome of obesity treatment in minority women” (Principal investigator - George Blackburn, Harvard Medical School).

- Statistical consultant for numerous grants obtained by investigators at St. Luke's/Roosevelt hospital in the areas of obesity, diabetes, body composition, and AIDS, 1994 - 2006.
- Statistical consultant for doctoral students at Hofstra University, Columbia University, Johns Hopkins University, University of Washington at Seattle, Adelphi University, New York University, The New School for Social Research, & Albert Einstein College of Medicine.
- Consultant to Dr. Tim Spector at St Thomas Hospital, Twin Research & Genetic Epidemiology Unit for Wellcome Trust grant "Whole-genome transcriptomic profiling: A resource for the discovery of expression QTLs associated with common disease", 2007 – present.

LEGAL CONSULTING (not necessarily an exhaustive listing)

- Consultant to The Perry Law Firm, L.L.C on obesity-related litigation, 2006 – 2007.
- Consultant to Lopez, Hodes, Restaino, Milman & Skikos, A Law Corporation, on obesity-related litigation, 2004 - 2009.
- Consultant to Bersenas Jacobsen Chouest Thomson Blackburn LLP on obesity- and statistically-related litigation, 2005-2007.
- Consultant to Maynard, Cooper & Gale, P.C., A Birmingham, Alabama law firm regarding anti-obesity drug litigation, 2003.
- Consultant to law firm of Ulmer & Berne LLP, regarding dietary supplement litigation, 2003 – present.
- Consultant to Lee, Smart, Cook, Martin & Patterson, PS, Inc., a Seattle, Washington law firm, 2001.
- Consultant to Gibson, Dunn & Crutcher LLP, a Los Angeles, California law firm, 2002 - 2006.
- Consultant to Parenti, Falk, Waas, Hernandez & Cortina, Attorneys at Law, regarding obesity-related litigation, 2002.
- Consultant to Paterson, MacDougall, a Toronto, Canada law firm serving both domestic and international clients. regarding obesity related issues, 2000 - 2001.
- Consultant to Wilentz, Goldman, & Spitzer, Attorneys at Law regarding OTC weight-loss product claims litigation, 1999-2008.
- Consultant to McKenna & Cuneo, L.L.P and McKenna Long & Aldridge LLP, Attorneys at Law regarding anti-obesity drug litigation, 1998 to 2006.
- Consultant to Spadoro & Hilson, Attorneys at Law regarding actuarial lifetable estimation for obese decedents, 1998.

OTHER INDUSTRY (not necessarily an exhaustive listing)

- Chair of research grants committee, Dry Bean Health Research Program for the Northarvest Bean Growers Association, 2008 – present.
- Chair of United Soybean Board's research grants committee, 1999 – present.
- Chairperson for the Pfizer Visiting Professorships in Obesity Academic Advisory Board, 2009 - 2011.

- Member of the United Soybean Panel's Nutrition Advisory Board, 1996 - 2006.
- Member of Scientific Advisory Board for Kraft Foods, Inc, 2003 – 2012.
- Member of Scientific Advisory Board for McCormick Science Institute, 2007 – 2009.
- Member of Scientific Advisory Board for MediFast, Inc, 2009.
- Member of Scientific Advisory Board for NutriPharma, Inc., 2000 – 2005.
- Member of Scientific Advisory Board for Genome Explorations, Inc., 2003 – present.
- Member of Scientific Advisory Board for Vivus, Inc., 2007 – 2011.
- Member of US Obesity Advisory Board for Merck Pharmaceuticals, Inc., 2007 – 2009.
- Member of the Nutritional Advisory Board for Nabisco, Inc., 1994 - 2000.
- Member of the *Wheat Council's* panel of experts, 1998 – 2001.

## RESEARCH INTERESTS and EXPERIENCE

*ACTIVE GRANTS & CONTRACTS* (not necessarily exhaustive or fully updated– see other support pages for more updated listing)

Allison, D.B. (**principal investigator**) et al. Energetics, Disparities, & Lifespan: A unified hypothesis. R01OD011415. **A Transformative R01** funded by the National Institutes of Health. 9/15/2012 - 9/14/2017. Period: 5 years. \$8,000,000 (approximate total costs). This grant application addresses evolutionary genetic hypotheses involving obesity, health disparities, and longevity.

Allison, D. B. (**principal investigator**) & Beasley, T. M. *Statistical Support Contract To The National Institute of Aging's Study On Caloric Restriction And Aging In Non-Human Primates*. Funded by the National Institute on Aging. Period: 6/1/99 – present (ongoing). Current Annual Amount: **\$44,000** (annual direct costs).

Allison, D. B. (**principal investigator**) et al. UAB Pre-Doctoral Training Program in Obesity Related Research. A T32 pre-doctoral training grant from the National Heart, Lung, and Blood Institute. Total Amount: **\$1,070,567** (total costs). T32HL105349. Period: 09/22/2010 – 08/31/2015.

Allison, D. B. (**principal investigator**), et al. UAB Doctoral Training Grants in Obesity and Nutrition Research. Funded by Kraft Foods North America, Inc. Total Amount: **~\$90,000** (total costs). Period: Renewed annually, began in 2007.

Allison, D. B. (**principal investigator**), et al. UAB OBESITY TRAINING PROGRAM (T32DK062710). A post-doctoral training grant funded by the National Institute of Diabetes, Digestive, and Kidney Disease. Total Annual Amount: **~\$150,000** (total costs). Period: 09/01/02 - 07/30/14.

Allison, D. B. (**principal investigator**), Laying the Foundation for the Alabama Obesity Institute Funded by the Alabama Department of Economic and Community Affairs. Total Annual Amount: **~170,025** (total costs). Period 03/01/10 – 08/31/13 (NCE)

Allison, D. B. (**principal-investigator**), et al. Body Composition, Energetics, and Longevity. R01AG033682. An R01 grant funded by the National Institutes of Health. Total Amount: \$2,661,398 (total costs). Period: 2/15/10 – 2/14/15.

- Allison, D. B. (**principal-investigator**), et al. Design issues in Obesity RCTs Building an Evidence Base. R01DK078826 An R01 proposal submitted to the National Institute of Diabetes Digestive & Kidney Diseases, National Institutes of Health (R01DK078826). Total Amount: \$797,500 (total costs). 03/01/09 - 02/28/13.
- Allison, D. B. et al. (**principal investigator**, director), et al. UAB Nutrition Obesity Research Center, P30DK056336. Funded by the National Institutes of Diabetes Digestive and Kidney Diseases. Approximate yearly direct costs: **\$750,000**. Period: 01/01/00 - 06/30/17.
- Affuso, O.T.....Allison, D.B. (**co-investigator**). A photographic method for human body composition assessment. An R01 funded by the National Institutes of Health. 4/01/2011 – 3/31/2014. Period: 5 years. \$2,388,439 (total costs)
- Boyer, B..... Allison, D. B. (**co-investigator**), et al. Genetics of Obesity in Yup'ik Eskimos. An R01 funded by the National Institutes of Health R01DK074842. Total Amount: \$2,306,134 (total costs). Period: 09/13/07 -08/31/12.
- De los Campos, G....Allison, D.B. (**co-investigator**). Factors Affecting Prediction Accuracy of Complex Human Traits and Diseases. An R01 proposal submitted to the National Institutes of Health. 7/01/12 – 6/30/17. Period: 5 years. \$1,259,506 (total costs)
- Kim, J. ....& Allison, D. B. (**co-investigator**). Risk and Injury Severity of Obese Child Passengers in Motor Vehicle Crashes. An R21 proposal submitted to the National Institutes of Health, NATIONAL INSTITUTE OF CHILD HEALTH & HUMAN DEVELOPMENT (R21 HD067784). Total amount **\$387,313** (total costs). Period: 12/1/10 – 11/30/12.
- Leibel, R. L....Allison, D. B. (**co-PI**). *Molecular Genetic Analysis of Human Obesity*. An R01 proposal (R01DK52431) Funded by the National Institutes of Health. Total Amount: **\$2,500,000** (direct costs). Period: 12/07/08 – 11/30/13.
- Tiwari, H. & Allison, D. B. (**co-investigator**), Short Course on Statistical Genetics & Genomics. An R25 funded by the National Institute of General Medical Sciences, National Institutes of Health (R25GM093044). Total Amount: \$1,080,000 (total costs). Period: 08/01/10 - 05/31/15.
- Tiwari, H. & Allison, D. B. (**co-investigator**), Short Course on Next-Generation Sequencing Technology and Statistical Methods. An R25 funded by the National Human Genome Research Institute, National Institutes of Health (R25HG006110). Total Amount: \$242,920 (total costs). Period: 04/01/11 - 03/31/14.
- Morgan/Hahn & Allison, D.B. (co-investigator). LIT: Integrating physiological and genetic mechanisms to understand the evolution of cold tolerance. Funded by the National Science Foundation. Total Amount (135,724). Period 4/01/11 – 3/31/14.
- Watkins, D. I., Kawaoka, Y., Haase, A., Wolinsky, S., Altman, J., Fuller, D., Allison, D. B. (**consultant**), & Miler, C. *CTL-Based Vaccines for the AIDS Virus*. A proposal funded by the National Institutes of Health. Total Amount: **\$2,665,388** (direct costs). 4/01/08 – 6/30/13

**GRANT APPLICATIONS WITH PROVISIONALLY FUNDABLE SCORES AWAITING FINAL ADMINISTRATIVE APPROVAL FOR FUNDING** (not necessarily exhaustive or fully updated– see other support pages for more updated listing)

- Allison, D.B. (**principal investigator**) et al. Functional and Dysfunctional Foods: Issues in Evaluating Bioactive Food Component. R13CA168347 proposal submitted to the National Institutes of Health. 4/01/12 – 3/31/13. Period: 1 year. \$ 48,336 (total costs)

*GRANT APPLICATIONS in REVIEW* (not necessarily exhaustive or fully updated– see other support pages for more updated listing)

NIH R25 DK099080 (Allison/Thomas)	07/01/13 – 6/30/18	0.96 cal
NIH/NIDDK	\$101,366 (1 <sup>st</sup> Yr Direct)	\$543,995 (total)
The Mathematical Sciences in Obesity Research		
The proposed course will develop connections between mathematical scientists and obesity researchers to address research challenges with novel approaches.		
NIH R24AG044299 (Allison)	09/01/13 – 08/31/15	1.5 cal.
NIH/NIA	\$98,813 (1 <sup>st</sup> Yr Direct)	\$520,777 (total)
Aging and Energetics - Model Organisms		
Network studying the interface of aging and energetics.		
NIH R01 (Levitsky)	04/01/13 – 03/31/18	1.20 cal.
NIH/NIDDK	\$23,271 (1 <sup>st</sup> Yr Direct)	\$170,460.00 (total)
Prevention Gain by Daily Weight Monitoring		
A four year study of the effect of self-weighing using the web-based body weight scale <i>Withings</i> in a group of freshman and in a group of Cornell graduates and their respective controls.		
NIH X02 (Swick)	06/01/13 – 05/31/18	TBD
NIH/NCATS	\$TBD	\$TBD (total)
CC k-R1 Agonist for the Treatment of Obesity: an Individualized Medicine Approach		
A preliminary proposal submitted in response to PAR-12-203, A Pre-application for the NIH-Industry Pilot Program: Discovering New Therapeutic Uses for Existing Molecules (X02).		

*PAST GRANTS* (not necessarily an exhaustive listing)

- Allison, D. B. (**co-principal investigator**) & Michael, M. (co-principal investigator), et al. Grand Rounds program inspired by the Moments in Leadership: Case Studies in Public Health Policy and Practice. Funded by Pfizer Pharmaceuticals. Total Amount: \$15,000 (total costs). Period: 1/1/09 to 12/31/09.
- Allison, D. B. (**principal investigator**) & Fontaine, K. R. *Obesity & Headache in Women*. Research funding provided by Ortho-McNeil Pharmaceuticals. Total Amount: **\$38,000**. Period: 6/1/04 – 5/31/06.
- Allison, D. B. (**principal investigator**) & Neale, M. C. *Robustness of Maximum Likelihood-Based Variance Components Tests of Genetic Linkage For Quantitative Traits When Data Are Not Normally Distributed*. A grant funded by the Pittsburgh Supercomputing Center for supercomputing time (no dollar amount requested) through NIH grant 2P41RR06009-110234. Period: 3/1/98 – 7/31/05.
- Allison, D. B. (**principal investigator**), & Shikany, J. Randomized Controlled Trial of Medifast Program for Weight Loss. Funded by Medifast. Total Amount: **~\$400,000** (total costs). Period: 09/01/10 -08/31/12.
- Allison, D. B. (**principal investigator**) & Tiwari, H. T. *Design, Analysis, & Interpretation of RCTs in Obesity*. Funded by the National Institutes of Health (R13DK077555). Total Amount: **\$25,000**. Period: 11/01/06 - 10/31/07
- Allison, D. B. (**principal investigator**) & Tiwari, H. T. GWA Test-Driver: A Do-it-yourself genome-wide association study planner. Funded by the UAB Health Services Foundation General Endowment Fund. Total Amount: **\$236,344**. Period: 3/1/07 – 2/28/08



- Allison, D. B. (**principal investigator**) & Vasselli, J. R. Development & Evaluation Of A Rodent Model of Anti-Psychotic Induced Weight Gain. Funded by Pfizer Central Research. Total Amount: **\$49,623** (direct costs). Period: 1/1/00 – 12/31/00.
- Allison, D. B. (**principal investigator**) and Van Itallie, T. B. *Development of an Obesity Data Book Proposal*. A contract from the North American Association for the Study of Obesity. Period: 4/1/97-12/31/01. Total Amount: **\$60,000**.
- Allison, D. B. (**principal investigator**) et al. *A method to increase activity in obese children*. An R03 proposal funded by the National Institute of Diabetes, Digestive and Kidney Diseases. Period: 3/1/97 – 3/1/99. Total Amount: **\$100,000** (direct costs).
- Allison, D. B. (**principal investigator**) et al. *Allelic variants of murine-model obesity genes in massively obese humans*. A grant from Millennium Pharmaceuticals, Inc. Period: 5/31/96-11/31/96. Total Amount: **\$17,500** (direct costs).
- Allison, D. B. (**principal investigator**) et al. *Does Weight Loss Reduce Mortality Rate among Obese Rats?* Funded by the New York State Department of Health's Diabetes Bridge Grant Program. Period: 11/1/98 – 3/1/99. Total Amount: **\$35,000** (direct costs).
- Allison, D. B. (**principal investigator**) et al. Effects of Intentional Weight Loss on Mortality Rate. R01DK067487 funded by the NIDDK/NIH. Period: 01-JAN-2005 to 31-DEC-2008. Amount: \$725,000 (total direct costs).
- Allison, D. B. (**principal investigator**) et al.. *Baseline levels of obesity and weight gain among patients taking antipsychotic medications: A comprehensive quantitative literature synthesis*. A grant from Pfizer, Inc. Period: 12/1/96 - 6/1/96. Total Amount: **\$15,000** (direct costs).
- Allison, D. B. (**principal investigator**) et al.. *Genetic Admixture and Resting Energy Expenditure among African American Women*. Funded by the W.R.I.S.C. foundation of Knoll Pharmaceuticals. Period: 3/1/99 – 3/1/00. Total Amount: **\$85,000** (direct plus indirect costs).
- Allison, D. B. (**principal investigator**) Heymsfield, S. B., Babbitt, R. L., & Heshka, S. *An Inquiry into the Causes and Measurement of Adiposity Among Persons With Down Syndrome*. Funded by The International Resource Center for Down Syndrome. Period: 3/93-3/94. Total Amount: **\$3,408**.
- Allison, D. B. (**principal investigator**), Chua, S., Fernandez, J., Vasselli, J. R., Casey, D. *Role of the 5HT<sub>2c</sub> receptor in Antipsychotic Induced Weight Gain*. An Independent Investigator Award funded by NARSAD. Total Amount: **\$83,000** (direct costs). Period: 9/30/00 to 9/29/04.
- Allison, D. B. (**principal investigator**), Eckel, R., Pi-Sunyer, F. X., Fisler, J., & Ravussin, E. *Advancing the Genetics of Obesity: Strategies & Methods*. An R13 (conference grant) funded by the National Institute of Diabetes, Digestive and Kidney Diseases and the Office of Research on Women's Health and supported by numerous industrial sponsors. Total Amount: **\$110,000**. Conference held July, 1997.
- Allison, D. B. (**principal investigator**), et al. Adipogenic and Metabolic Effects of Antipsychotic Drugs. Funded by the National Institute of Mental Health and National Institute of Diabetes Digestive and Kidney Disease (R13MH086166). Total Amount: \$55,000 (total costs). Period: 8/1/10 – 7/31/11.
- Allison, D. B. (**principal investigator**), et al. *Body Composition & Mortality Pooling Project*. An R21 funded by the National Institute of Aging. Total Amount: **\$100,000** (direct costs – [plus **\$25,000** contributed by industrial sponsors]). Period: 9/1/99 – 8/30/01.
- Allison, D. B. (**principal investigator**), et al. *Body mass vs. composition and the U-shaped mortality curve*. A supplement to (R01DK51716) *Quantitative Synthesis of Clinical Obesity Research* funded by the National Institute of Diabetes, Digestive and Kidney Diseases. Total Amount: **\$27,000** (direct costs). Period: 1/1/99 – 12/31/00.

- Allison, D. B. (**principal investigator**), et al. Body Weight, Adiposity, Energetics and Longevity. Funded by the National Institute on Aging (1R13AG030317). Total Amount: ~\$35,000 (total costs). 01/15/07 - 1/14/08 Period: 1 year.
- Allison, D. B. (**principal investigator**), et al. *Does Weight Loss Reduce Mortality Rate among Obese Rats?* An R01 grant funded by the National Institutes of Health. Total Amount: **\$700,000** (direct costs). Period 1/15/00 – 1/31/04.
- Allison, D. B. (principal investigator), et al. Is Dietary Fat Fattening: A Comprehensive Synthesis. Funded by Frito-Lay North America. Total Amount: ~\$149,000 (total costs). Period: 2 years.
- Allison, D. B. (**principal investigator**), et al. Novel Antipsychotics and Glucose Tolerance by the Bergman Minimal Model. Funded by Pfizer Pharmaceuticals. Total Amount: **\$200,000** (direct costs). Period: 1/15/00-1/14/01.
- Allison, D. B. (**principal investigator**), et al. Obesity & Mortality. R01DK076771 funded by the National Institute of Diabetes Digestive & Kidney Diseases, National Institutes of Health. Total Amount: ~\$928,878 (total costs). Period: 15-AUG-2007 to 30-JUN-2010.
- Allison, D. B. (**principal investigator**), et al. *Quantitative Synthesis of Clinical Obesity Research*. An R01 grant funded by the National Institute of Diabetes, Digestive and Kidney Diseases. Total Amount: **\$347,171** (direct costs). Period: 6/1/96 – 6/1/99.
- Allison, D. B. (**principal investigator**), et al. Randomized Controlled Trial of Chewing Gum for Weight Loss. Funded by William Wrigley, Jr. Company. Total Amount: ~\$412,034 (total costs). Period: 06/10/09 -06/15/2011.
- Allison, D. B. (**principal investigator**), et al. Short Course on Statistical Genetics and Statistical Genomics. Funded by the National Science Foundation. Period: 2 years. Amount: ~\$300,000 (total costs). Period: 10/01/07 – 09/30/09
- Allison, D. B. (**principal investigator**), et al. *Statistical Genetics for Obesity & Nutrition Researchers*. R01DK056366 An R01/R56 grant funded by the National Institutes of Health. Total Amount: **\$425,000** (direct costs). Period: 6/1/00 to 6/30/08.
- Allison, D. B. (**principal investigator**), et al. UAB STATISTICAL GENETICS POST-DOCTORAL TRAINING PROGRAM. A T32HL079888 post-doctoral training grant funded by the National Heart, Lung, and Blood Institute. Total Annual Amount: ~\$350,000 (total costs). Period: 04/15/03 - 03/31/11.
- Allison, D. B. (**principal investigator**), Fontaine, K. R., & Van Itallie, T. B. How many deaths are attributable to obesity in the United States? A grant-in-aid from the Centers for Disease Control and Prevention. Period: Jan 1, 1999 to June 30, 1999. Total Amount: **\$10,000** (direct costs).
- Allison, D. B. (**principal investigator**), Garvey, W.T., et al. *UAB Obesity Training Program*. A T32DK062710 post-doctoral training grant funded by the National Institute of Diabetes Digestive & Kidney Diseases, National Institutes of Health. Total Amount: **\$1,095,665** (total costs). Period: 07/01/04 - 07/20/09.
- Allison, D. B. (**principal investigator**), Heshka, S., & Heymsfield, S. B. *A Randomized Placebo-Controlled Clinical Trial of an Auricular Acu-Pressure Device for Weight Loss*. A grant from Original Marketing, Inc. Period: 11/93 - 11/94. Total Amount: **\$75,000**.
- Allison, D. B. (**principal investigator**), Heshka, S., Alfonso, V. C., & Heymsfield, S. B. *Assortative Mating for Relative Weight: Genetic and Social Implications*. A grant from the Henry A. Murray Research Center of Radcliffe College. Period: 4/93-4/94. Total Amount: **\$4,860**

- Allison, D. B. (**principal investigator**), Heymsfield, S. B., & Heshka, S. A Randomized Controlled Clinical Trial of A Novel Soy-Based Meal Replacement Formula for Weight Loss Among Obese Individuals. Funded by *NutriPharma*. Total Amount: **\$170,000** (total costs). Period: 3/1/00 – 3/1/01.
- Allison, D. B. (**principal investigator**), Heymsfield, S. B., & Heshka, S. *A Twin Study of the Genetic Covariation Between Adiposity and Cardiovascular Disease Risk*. A grant from the Twinsday Festival Committee. Total Amount: **\$1,000**.
- Allison, D. B. (**principal investigator**), Heymsfield, S.B., & Pi-Sunyer, F.X. *The genetics of resting metabolic rate in relation to adiposity: A twin study*. A grant of 500 bed days as part of a General Clinical Research Center (GCRC) grant from the NIH through Columbia University College of Physicians Surgeons.
- Allison, D. B. (**principal investigator**), Nagy, T., Fernandez, J., & Casey, D. Rodent models of anti-psychotic induced weight gain: pharmacogenetics & mechanisms of action. A proposal funded by Eli-Lilly & Co. Total Amount: **\$142,520** (direct costs).
- Allison, D. B. (**principal investigator**), Page, G., Barnes, S., et al. *Design and Analysis of Microarray Gene Expression Studies in Plants: Toward Sound Statistical Procedures*. A proposal funded by the National Science Foundation. Total Amount: **\$2,200,000** (approximate total costs). Period: 10/1/02 – 9/30/06.
- Allison, D. B. (**principal investigator**), Page, G., Barnes, S., Higgins, N. P., & Kimberly, R. *Microarray Data Analysis Clearinghouse*. An award funded by the University of Alabama at Birmingham's Health Service Foundation General Endowment Fund. Total Amount: **\$319,000** (direct costs). Period: 3/1/02 – 2/28/04.
- Allison, D. B. (**principal investigator**), Tiwari, H., Zhang, K., Yi, N., Redden, D. T., George, V., Beasley, T. M. *Linkage & Linkage Disequilibrium Data Analysis Clearinghouse*. An award funded by the University of Alabama at Birmingham's Health Service Foundation General Endowment Fund. Total Amount: **\$236,583** (direct costs). Period: 3/1/04 – 2/28/06.
- Allison, D. B. (**principal investigator**), Tiwari, HK., et al. *UAB Statistical Genetics Post-Doctoral Training Program*. A T32HL072757 proposal funded by the National Heart, Lung and Blood Institute, National Institutes of Health. Total Amount: **\$869,104** (total direct costs). Period: 15-APR-2003 - 31-MAR-2008.
- Allison, D. B. (**principal investigator**). *Genetics of NIDDM, Obesity and Related Risk Factors Among Black Women*. A Career Development Award from the American Diabetes Association. Period: 1/1/94-12/31/96. Total direct costs: **\$225,000** [Award returned on 9/1/94 upon receipt on FIRST award from the National Institutes of Health].
- Allison, D. B. (**principal investigator**). *Genetics of Obesity and Related Risk Factors Among Black Women*. A FIRST Award from the National Institute of Diabetes, Digestive and Kidney Diseases. Period: 9/1/94-8/31/99. Total Amount: **\$350,000** (direct costs).
- Allison, D. B. (**principal investigator**). *Genetics of Obesity and Related Risks Among Black Americans*. An Investigatorship Award offered by the New York City Affiliate of the American Heart Association. Total direct costs: **\$90,000**. Award returned due to receipt of overlapping award from American Diabetes Association.
- Allison, D. B. (**principal investigator**). *Meta-analysis of the effects of anti-psychotic medication on weight gain*. A grant-in-aid from Pfizer Central Research. Period: 3/1/97-3/1/98. Total Amount: **\$30,000**.
- Allison, D. B. (**principal investigator**). *Race and The Heritability of Obesity*. A pilot and feasibility grant from the Executive Committee of the Obesity Research Center. Period: 1/1/93-12/31/93. Total Amount: **\$15,000**. Renewal funded 2/1/94 to 1/31/95. Amount: **\$8,750**.

- Allison, D. B. (**principal investigator**). *An obesity cost model*. A contract from Wyeth-Ayerst. Period: 1/1/97-9/1/97. Total Amount: **\$11,000**.
- Allison, D. B. (**principal investigator**). Development, Evaluation, & Dissemination of Methods for the Analysis of Gene Expression by Microarrays. A Research Coordination Network proposal funded by the National Science Foundation. Period: 3/12/01-2/28/07. Total Amount: **\$476,000** (direct costs).
- Allison, D. B. (**principal investigator**). *Genetics of Obesity and Related Risk Factors Among Black Women*. R29DK047256 A supplement to a FIRST Award from the National Institutes of Health (NIDDK) to support Melissa Kezis, an undergraduate student with a disability. Period: 6/1/95-8/31/96. Total Amount: **\$14,547** (direct costs).
- Allison, D. B. (**principal investigator**). *Genetics of Obesity and Related Risk Factors Among Black Women*. A minority supplement to a FIRST Award from the National Institutes of Health (NIDDK) to support Elizabeth Manibay, a minority graduate student. Period: 6/10/96-8/31/96. Total Amount: **\$7,000** (direct costs).
- Allison, D. B. (**Principal Investigator**). Methodology for combining multiple genome scan datasets with application to human obesity. A supplemental proposal submitted to the National Institutes of Health. Total Amount: **\$40,968** (direct costs). Period: 10/01/01 to 9/30/02.
- Allison, D. B. (**principal investigator**). Recipient of the first Organizational Behavior Management Network Special Projects Award, May, 1990, for an experimental study: *Relative Effectiveness and Cost-Effectiveness of Cooperative, Competitive, and Independent Monetary Incentive Systems for Improving Staff Performance*. Total Amount: **\$1,500**
- Allison, D. B. (**principal investigator**). *Self-Esteem and Obesity Among African-Americans*. A grant from the Henry A. Murray Research Center at Radcliffe College. Period: 1/1/96-12/31/96. Total Amount: **\$4,860**.
- Allison, D. B. (**principal investigator**). *The genetics of human energy regulation in relation to obesity*. A Future Leaders Award from the International Life Sciences Institute (ILSI). Period: 1/1/95-12/31/96. Total Amount: **\$30,000** (direct costs).
- Allison, D. B. (**principal investigator**). *Weight Gain & Compliance with Anti-Psychotic Medication*. Funded by Pfizer Central Research. Period: 3/1/99 – 3/1/00. Total Amount: **\$33,000** (direct costs).
- Allison, D. B. (**principal-investigator**), et al. Dell High performance computing Cluster and Associated Hitachi terabyte data storage. An S10 (shared instrumentation) proposal funded by the National Institutes of Health. Total Amount: \$500,000 (total costs). Period: 7/26/10 – 7/25/11.
- Allison, D. B. Awarded **\$1000** grant from the National Science Foundation to attend NATO Advanced Study Institute #115/91 on "*Methodology for Genetic Studies of Twins and Families*," September, 1991, Leuven, Belgium.
- Allison, D. B. Sub-contract to *Johns Hopkins Clinical Trial of Olestra as an Aid to Weight Maintenance* to provide statistical support. Funded by the Proctor & Gamble Company. Period: July 1, 1999 to June 30, 2002. Total Amount: **\$16,900** (direct costs).
- Allison, D.B. (**principal investigator**) et al. *Statistical studies of the effect of excluding early deaths when analyzing prospective cohort studies in the presence of confounding by occult disease*. A research contract from the Centers for Disease Control and Prevention. Period: 6/1/96-5/31/97. Total Amount: **\$8,500** (direct costs).
- Allison, D. B. (**principal investigator**), Development of Standardized Measurement Systems for Rating and Ranking the Fidelity of Research Reporting in the Nutrition and Obesity

Literature. Funded by Coca-Cola Company. Total Amount: 150,000 (total costs). Period: 11/28/11-12/31/11.

Amos, C. I., Allison, D. B. (**co-investigator**), et al. *Positional Gene Identification of Complex Traits* (R01ES09912). Funded by the National Institute of Environmental Health Sciences. Period: 7/1/02 – 6/30/07. Total Amount: \$2,310,925 (direct costs).

Amos, C. I., Allison, D. B. (**co-investigator**), et al.. *Linkage And Linkage Disequilibrium Methods For Quantitative Traits* (R01ES09912). A proposal funded by the National Institute of Environmental Health Sciences. Period: 1/1/99 – 12/31/02. Total Amount: **\$900,000** (direct costs).

Atkinson, R. L., Dhurandhar, N., Allison, D. B., et al. (**co-principal investigator**). *Adenoviruses and human obesity – longitudinal and twin studies*. An R01 funded by the National Institute of Diabetes, Digestive, and Kidney Diseases. Period: 01-SEP-2001 - 2004. Total Amount: **\$1,805,817** (direct costs).

Barnes, S., .... & Allison, D. B. (**co-investigator**). Polyphenols & Nutrients: Genes, Proteins and Cancer Risk. A P20 proposal submitted to the National Cancer Institute. Total Amount: **\$69,323** (direct costs). Period: 09/28/01-03/27/02.

Barnes, S....Allison, D. B. (**co-investigator; PI of 1 of 4 projects**). Center for Gene-Nutrient Interaction (CNGI). A center grant proposal funded by the National Cancer Institute U54CA100949. Total costs: **\$13,809,062** (Total costs). Period: 09/01/03-08/31/09.

Baskin, M....Allison, D. B. (**co-investigator**). Impact of Fruit and Vegetable Cost on Obesity in Children and Parents. Funded by an anonymous private philanthropist. Total costs: **~\$50,000** (Total costs). Period: 05/01/04-6/30/07.

Cheung, K. , .... & Allison, D. B. (consultant). Exploring approaches for microarray databases that enable flexible design and integrative analysis. Funded by the National Science Foundation. Period: 11/01/02 – 10/31/04.

Collaborator in EPS-0814103 RII: Enhancing Alabama's Research Capacity in Nano/Bio Science and Sensors NSF EPSCoR Research Infrastructure Improvement Grant Program (RII). September 1, 2008 - August 31, 2013. Award announcement: <http://www.nsf.gov/awardsearch/showAward.do?AwardNumber=0814103>. Center for Environmental Cellular Signal Transduction (CECST) The NSF RII-3 is a statewide effort designed to enhance the competitiveness of the state of Alabama in research and research-based education, increase the competitiveness of Alabama researchers, and share resources and strengths. Alabama website: <http://alepscor.ua.edu/centers.html>.

Allison, D. B. (**principal investigator**), et al. Genome-wide Structured Association Testing & Regional Admixture Mapping. R01GM077490 funded by the National Institutes of Health. Total Amount: \$1,250,000 (total costs). Period: 01-SEP-2007 to 31-AUG-2011.

Cox, J. ....& Allison, D. B. (**co-investigator**). BOLD Prediction of Success in a Weight Loss Program. An R1 funded by the National Institute of Diabetes Digestive & Kidney Diseases, National Institutes of Health (DK075685). Total amount **\$398,750** (total costs). Period: 7/01/07 – 06/30/09.

Cui, X, Zhu, D., & Allison, D. B. Allison, D. B. (**co-investigator**). Statistical Analyses for Next Generation Sequencing. Funded by the National Institute of Human Genome Research (R13 HG005792). Total Amount: ~\$35,000 (total costs). Period: 1/21/11-12/31/11.

Cutter, G., & Allison, D. B. (**co-principal investigator**). UAB PRE AND POST-DOCTORAL TRAINING PROGRAM IN BIOSTATISTICS (T32NS054584). A pre- and post-doctoral training grant funded by the National Institute of Neurological Disorders and Stroke. Total Annual Amount: **~\$178,000** (total annual costs). Period: 07/01/07 – 06/30/12.

- DeLuca, M....Allison, D. B. (**co-investigator**). QTL mapping age-related changes in lipid storage. Funded by the National Heart, Lung & Blood Institute (5R01HL80812-3). Total costs: ~**\$1,000,000** (Total costs). Period: 9/27/04 - 8/31/08.
- Deng, H..... Allison, D. B. (**co-investigator**), et al. Identifying Osteoporosis Risk Genes via Genomic Convergence. P50AR055081 funded by the National Institutes of Health. Total Amount: **\$82,752** (total costs of UAB subcontract). Period: 07-SEP-2007 to 31-JUL-2012.
- Din-Dzietham, R. .... Allison, D. B. (**co-investigator**). Cardiovascular Disease Preventive Intervention Program. 5UH1HL073461 funded by the National Institutes of Health. Total Amount: \$19,573 (total costs). Period: 05/15/2003 – 11/30/2010.
- Emanuel, P...Allison, D. B. (**co-investigator**). Comprehensive Cancer Center Core Support Grant. A P30 grant funded by the National Institutes of Health. Period. 04/01/05-03/31/10. Total amount: \$37,597,934. [Removed from grant after 1<sup>st</sup> year due to budget cuts].
- Faith, M. S., Allison, D. B. (**co-investigator**), Heo, M., & Heymsfield, S. B. Maternal control feeding style: effects on childhood obesity. A funded by the ATPM/CDC/ATSDR cooperative program. Period: 9/1/99 – 8/31/00. Total Amount: **\$90,000** (direct costs).
- Faith, M. S.,..... & Allison, D. B. (**consultant**). *Food Substitution For Child Nutrition/Obesity Prevention*. An R01 proposal funded by the National Institutes of Health (R01HD042169). Period: 09/15/03 - 07/31/08.
- Flint, J. & Allison, D. B. (**collaborator**). Methods for gene mapping in complex traits: Obesity and neurosis. An International Collaboration Grant funded by the Wellcome Trust. Period: 6/1/99 – 5/31/02. Total Amount: **16,000 British Pounds**.
- Flint, J., Goodwin, G. M., Fairburn, C. G., & Allison, D. B. (**collaborator**). Mapping Genes for Anxiety and Depression. A grant from the Wellcome Trust. Total Amount: **600,000 British Pounds**.
- Fontaine, K..... Allison, D. B. (**co-investigator**), et al. Obesity and Mortality among Hispanics. R21DK077959 funded by the National Institutes of Health. Period: 01-JUL-2008 to 30-JUN-2010.
- Gallagher, D. [Formerly Heymsfield, S. B].....Allison, D. B. (**co-investigator/switched to consultant**). *BODY COMPOSITION: METHODS, MODEL & CLINICAL APPLICATION*. A P01 proposal funded by the National Institutes of Health. Total Amount: **\$5,000,000** (direct costs). Period: 12-JUN-2001 - 30-APR-2006.
- Gao, G..... Allison, D. B. (**co-investigator**), et al. Haplotyping and QTL mapping in pedigrees with missing data. An R01 funded by the National Institutes of Health. Total Amount: **\$774,187** (total costs). Period: 5 years.
- Heimbürger D. C. ....Allison, D. B. (**co-investigator/switched to consultant**). Reimbursement effects on enrollment in obesity treatment. R03DK067357 funded by the NIH/NIDDK. Period: 01-AUG-2004 to 30-JUN-2006. Amount: **\$100,000** (total direct costs).
- Heymsfield, S. B., Gallagher, D., Allison, D. B. (**co-investigator**) et al. *Aging and Skeletal Muscle: New body composition models*. An RO1 grant from the National Institute of Aging. Award Period: 4/1/95 to 3/31/99. Total Amount: **702,399** (direct costs).
- Huang, LS, Chua, S., & Allison, DB (**co-investigator/switched to consultant**). Regulation of ApoB Secretion in Inbred Mouse Strains. A proposal funded by the National Institutes of Health. Period: 4/1/00 – 3/31/04. Amount: **\$1,000,000** (direct costs).
- Jensen, M. D. & Allison, D. B. (**co-investigator**). Advances in Obesity – From the Environment to the Gene. An R13 (conference) grant funded by the National Institute of Diabetes, Digestive, and Kidney Diseases. Period: 8/1/01 – 7/31/02. Amount: **\$15,000** (direct costs).

- Kaslow, R. ...& Allison, D. B. (co-investigator). Genetic factors in the epidemiology of HIV-1 infection. A proposal funded by the National Institute of Health. Total Amount: \$2,835,056 (direct plus indirect costs). Period: 12/1/01 - 11/30/06. [Withdrew from grant due to over-commitment – replaced by Varghese George].
- Kimberly, R. P. ....Allison, D. B. (**co-investigator/mentor**). Training Program in Rheumatic Diseases Research. A T32 grant funded by the National Institutes of Health. Total Amount: \$1,784,968 (total costs). Period: 5/1/02 – 4/30/07.
- Kimberly, R. P.,....& Allison, D. B. (**co-investigator**). Multidisciplinary Clinical Research Center. A proposal submitted to the National Institute of Arthritis and Musculoskeletal and Skin Diseases. Total Amount: \$3,994,828 (direct costs). Period: 01/01/02 - 12/31/06. [Withdrew from grant due to over-commitment – replaced by Varghese George].
- Kimberly, R. P.,....& Allison, D. B. (**co-investigator/PI of statistical genetics core**). Program Project in the Genetics of SLE. Funded by the National Institute of Arthritis and Musculoskeletal and Skin Diseases. Total Amount: \$5,000,000 (approximate direct costs). Period: 09/24/02 - 08/31/07.
- Kotler, D. P., Allison, D. B. (**co-investigator**), & Reka, S. *Application of Molecular Techniques to the study of HIV-Associated Lipodystrophy*. A proposal submitted to the Campbell Foundation. Total Amount: **\$72,000** (direct costs). Period: 6/1/01 – 5/30/02.
- Lefevre, M.,....& Allison, D. B. (**co-investigator**). Diet, genetics, and CVD risk factor response in Blacks. U01HL072510. Funded by the National Heart, Lung & Blood Institute. Total Amount of UAB subcontract: \$1,063,005. Period: 10/01/02-08/31/06.
- Lerman, C....Allison, D. B. (**co-investigator**). Transdisciplinary Tobacco Use Research Center. A P50 grant funded by the National Institutes of Health. Period: 09/01/04 - 08/31/09. UAB subcontract amount \$108,750 (over 5 years). [Removed from grant after 2<sup>nd</sup> year due to budget cuts].
- Liu, N..... Allison, D. B. (**co-investigator**), et al. Genome Wide Haplotype Association Analysis. R01GM081488 funded by the National Institutes of Health. Total Amount: **\$1,160,000** (total costs). Period: 01-APR-2008 to 31-MAR-2013.
- Mohatt, G., Boyer, B., ...Allison, D.B. (**co-investigator**) et al. *Building a Center of Biomedical Research Excellence for Alaska Native Health Research*. A proposal funded by the National Institutes of Health. Total Amount: **\$7,498,540** (direct costs). Period: 7/01/01 to 06/30/07.
- Mountz, J. ...& Allison, D. B. (**co-investigator**). Administrative Supplement to “Defective Fas Apoptosis During Aging”. A proposal submitted to the National Institute of Aging. Total Amount: **\$100,000** (direct costs). Period: 9/30/01 – 9/29/02.
- Nagy, T. & Allison, D. B. (**co-PI**). *Effects of dairy products on insulin sensitivity*. An investigator-initiated proposal funded by General Mills. Period: 07/01/04 - 06/30/05. Amount: \$125,000 (total).
- Nagy, T. ...Allison, D. B. (**co-PI**). *Antipsychotic drug-induced weight gain*. An R01 proposal funded by the NIH/NIDDK. Period: 07/01/04 - 06/30/09. Amount: \$1,407,121 (total direct).
- Page, G. P.[original PI: Edwards, J.], & Allison, D. B. (**co-principal investigator**). *A Power & Sample Size Atlas for Microarray Research*. Funded by the National Science Foundation. Period: 9/1/03 – 8/31/05. A proposal funded by the National Science Foundation. Total amount **\$97,835** (direct costs).
- Pi-Sunyer, F. X., ....Allison, D. B. (**co-investigator/switched to consultant**), et al. Obesity Research Center. A P30 (center grant) grant funded by the National Institute of Diabetes, Digestive, and Kidney diseases. Period: 5/1/00-5/1/05. Amount: **\$5,000,000** (direct costs).

- Pi-Sunyer, F. X., Allison, D. B. (**co-investigator**), et al. *The NIDDM Primary Prevention Trial*. Funded by the National Institutes of Health. Total Amount: **\$2,043,926** (direct costs).
- Pi-Sunyer, F. X., Allison, D. B. (**co-investigator**), Stunkard, A. J., Hirsch, J., Bouchard, C., & Bjorntorp, P. *Obesity Treatment: Establishing Goals, Improving Outcomes, and Reviewing The Research Agenda*. A grant for a three day international scientific conference funded by the NIH, NATO, the American Psychological Association, and several industrial corporations, June, 1993. Total Amount: **\$98,000**.
- Pi-Sunyer, F. X., Allison, D. B. (**co-PI**), et al. Obesity Research Center Training Grant. A T32 application for post-doctoral training funded by the National Institute of Diabetes, Digestive, and Kidney Diseases. Period: 5/1/00-5/1/05. Amount: **\$1,000,000** (direct costs).
- Prolla, T., ... Allison, D. B. (**co-investigator**). *Gene Expression, Caloric Restriction & the Aging Brain*. An R01 proposal funded by the National Institutes of Health. Total Amount: **\$1,250,000** (direct costs). Period: 15-MAR-2003 - 31-JAN-2008.
- Ruden, D. ...& Allison, D. B. (**co-investigator**). Toxicogenomics of Lead, Mercury, and Cadmium. A proposal funded by the National Institute of Health. Total Amount: **\$287,000** (direct plus indirect costs). Period: 6-1-02 to 5-31-04. [Withdrew from grant due to over-commitment – replaced by Nengjun Yi].
- Saag, K.G....Allison, D.B. (**co-investigator**). UAB Center for AIDS Research (CFAR). A center grant proposal P30AI27767 funded by the National Institutes of Health/National Institute of Allergy and Infectious Disease. Total costs: **\$480,000** (Total costs). Period: 03/01/09 - 02/28/14. [Withdrew from grant due to over-commitment – replaced by Gary Cutter].
- Saffer, H., Grossman, M., & Allison, D. B. (**co-investigator**). *Prevention, Economics, and Obesity*. A proposal funded by the National Institutes of Health. Period: 7/1/00 – 6/30/04. Total Amount: **\$750,000** (direct costs).
- St-Onge, M.P....Allison, D. B. (**co-PI**). Cardiovascular Health Effects of Isocaloric Substitution of Polyunsaturated Fat Rich Snacks for Saturated and Transfat or Refined Carbohydrate Snacks in Moderately Hypercholesterolemic Individuals. A grant from Frito-Lay North America. Period: 2005-2007. Amount: ~\$569,708 (total costs).
- Stunkard, A. J., Hainer, V., Kunesova, M., Pariskova, J., Stich, V., Allison, D. A. (**co-investigator**) et al. *Twin Study of Obesity*. A Fogarty International Research Collaboration Award. Period: 7/1/95-6/30/96. Total Amount: **\$20,000** (direct costs).
- Tiwari, H. K. & Allison, D. B. (**co-investigator**). Statistical Integration of Genetic Information Across Data Domains: Biomedical, Agricultural, and Comparative Genomics. A grant from the Institute of Mathematical Statistics for a 1-day meeting to be held on 12/2/02. Total Amount: **\$1,500**.
- Tiwari, H. K., Cutter, G., & Allison, D. B. (**co-principal investigator; formerly principal investigator**). UAB Biostatistics Pre-doctoral Training Program. A T32HL079888 pre-doctoral training grant funded by the National Heart, Lung, and Blood Institute. Total Amount: **\$1,073,783** (total costs). Period: 09/01/05 - 08/31/15.
- Tiwari, H. K..... Allison, D. B. (**co-investigator**), et al. Multiple imputation in genetic studies. An R21 funded by the National Institutes of Health (R21LM008791). Total Amount: \$291,000 (total costs). Period: 3/1/07 to 2/28/10.
- Watkins, D. I., ... Allison, D. B. (**consultant**). A Novel, Logical approach to HIV Vaccine. R01AI49120. A proposal funded by the National Institutes of Health. Period: 15-MAR-2001 - 28-FEB-2005.
- Watkins, D. I., ... Allison, D. B. (**consultant**). The Functional Significance of CTL Escape. R01AI052056. A proposal funded by the National Institutes of Health. Period: 01-APR-2003 - 31-MAR-2008.



- Weiden, P., Allison, D. B. (**co-investigator**), et al. *Sibutramine for weight loss in anti-psychotic induced weight gain*. A proposal funded by Knoll Pharmaceuticals. Total Amount: **\$40,000** (total costs).
- Weindruch, R. H....Allison, D. B. (**co-investigator**). *Gene Expression Profiling, Oxidative Stress, and Aging*. An R01 funded by the National Institutes of Health. Total Amount: **\$2,170,097** (total costs). Period: 12/01/00-11/30/06.
- Weindruch, R.,... Allison, D. B. (**co-investigator**), et al. *Dietary Restriction and Aging in Rhesus Monkeys*. A P01 proposal submitted to the National Institutes of Health. Total Amount: **\$5,000,000** (direct costs). Period: 1/1/06 – 12/31/10.
- Weindruch, R.,... Allison, D. B. (**co-investigator**), et al. *Dietary Restriction and Aging in Rhesus Monkeys*. A P01 grant funded by the National Institutes of Health. Total Amount: **\$5,000,000** (direct costs). Period: 8/1/99 – 7/31/05.
- Williams, K....Allison, D. B. (**consultant**), et al. Keck Microarray Biotechnology Center. A proposal funded by the National Institutes of Diabetes Digestive and Kidney Diseases. Total Amount: **\$1,750,000** (direct costs). Period: 9/30/00 – 8/31/2003.
- Yi, N. ....& Allison, D. B. (**co-investigator**). Bayesian Methods for Mapping Complex Epistatic Genes. An R01 funded by the National Institutes of Health. Total amount **\$1,084,915** (direct plus indirect costs). Period: 06/01/05 – 05/31/10.
- Zhang, K. ....& Allison, D. B. (**co-investigator**). Haplotype analysis in linkage disequilibrium mapping. An R01 proposal submitted to the National Institutes of Health – received 2.5 percentile. Total amount **\$1,017,363** (direct plus indirect costs). Period: 07/01/06 – 06/30/10.
- Zhu, S. ....& Allison, D. B. (**co-investigator**). Obesity-related variables and motor vehicle injury. An R01 funded by the National Institutes of Health (R01EB006552). Total amount **\$915,528** (total costs). Period: 7/01/07 – 06/30/10

## PUBLICATIONS

**PUBLICATIONS IN PEER REVIEWED JOURNALS**

1. Allison, D. B., Basile, V. C., & Yuker, H. E. (1991). The measurement of attitudes toward and beliefs about obese persons. *International Journal of Eating Disorders, 10*, 599-607.
2. Allison, D. B., Basile, V. C., & MacDonald, R. B. (1991). The comparative effects of antecedent exercise and lorazepam on aggressive behavior in an autistic man. *Journal of Autism and Developmental Disorders, 21*, 89-94.
3. Allison, D. B., & Heshka, S. (1991). Toward an Empirically Derived Typology of Obese Persons. *International Journal of Obesity, 15*, 741-754.
4. Allison, D. B. (1992). When Cyclicity is a Concern: A Caveat Regarding Phase Change Criteria in Single-Case Designs. *Comprehensive Mental Health Care, 2*, 131-149.
5. Allison, D. B., Kalinsky, L. B., & Gorman, B. S. (1992). The Comparative Psychometric Properties of Three Measures of Dietary Restraint. *Psychological Assessment, 4*, 391-398.
6. Murphy, C. M., Allison, D. B., Babbitt, R. L., & Patterson, H. L. (1992). Adiposity in Children: Is Mental Retardation a critical variable? *International Journal of Obesity, 16*, 633-638.
7. Alfonso, V. C., Allison, D. B., & Dunn, G. M. (1992). The Relationship Between Sexual Fantasy and Satisfaction: A Multidimensional Analysis of Gender Differences. *Journal of Human Sexuality, 5*, 19-37.
8. Allison, D. B., Silverstein, J. M., & Galante, V. (1992). Relative Effectiveness and Cost-Effectiveness of Cooperative, Competitive, and Independent Monetary Incentive Systems for Improving Staff Performance. *Journal of Organizational Behavior Management, 13*, 85-112.
9. Allison, D. B., Heshka, S., Pierson, R. N., Jr., Wang, J., & Heymsfield, S. B. (1992). The Analysis and Identification of Homologizer/Moderator Variables When the Moderator is Continuous: An illustration with Anthropometric Data. *American Journal of Human Biology, 4*, 775-782.
10. Allison, D. B., Franklin, R. D., & Heshka, S. (1992). Reflections on Visual Inspection, Response Guided Experimentation, and Type I Error Rate in Single Case Designs. *Journal of Experimental Education, 66*, 45-51.
11. Franklin, R. D., Allison, D. B., & Sutton, T. (1992). Alcohol, substance abuse, and violence among North Carolina prison admittees, 1988. *Journal of Offender Rehabilitation, 17*, 101-111.
12. Franklin, R. D., & Allison, D. B. (1992). The Rev. : An IBM BASIC Program for "Bayesian" Test Interpretation. *Behavior Research Methods, Instruments, & Computers, 24*, 491-492.
13. Summers, J. A., Lynch, P. S., Harris, J., Burke, J. C., Allison, D. B., & Sandler, L. (1992). Treating a disrupted sleep phase disorder in a nine-year old boy with Angelman Syndrome. *Journal of Developmental and Behavioral Pediatrics, 13*, 284-287.
14. Allison, D. B., & Heshka, S. (1993). Toward an Empirically Derived Typology of Obese Persons: Derivation in A Nonclinical Sample. *International Journal of Eating Disorders, 13*, 93-108.

15. Allison, D. B., Gorman, B. S., & Primavera, L. H. (1993). The Most Common Questions Asked of Statistical Consultants: Our Favorite Responses and Recommended Readings. *Genetic, Social, and General Psychology Monographs*, 119, 153-185.  
An abridged version was reprinted in the *Journal of Group Psychotherapy, Psychodrama, and Sociometry*, 46, 83-109.
16. Allison, D. B., & Gorman, B. S. (1993). Calculating and Estimating Effect Sizes for Meta-Analysis: The Case of the Single Case. *Behaviour Research and Therapy*, 31, 621-631.
17. Allison, D. B., Heshka, S., Sepulveda, D. & Heymsfield, S. B. (1993). Counting Calories? - Caveat Emptor. *Journal of The American Medical Association*, 270, 1454-1456.
18. Allison, D. B., & Heshka, S. (1993). Emotions and Eating in the Obese?: A Critical Analysis. *International Journal of Eating Disorders*, 13, 289-295.
19. Allison, D. B., Heshka, S., & Heymsfield, S. (1993). Evidence for a major gene with pleiotropic effects for a Cardiovascular Disease Risk Syndrome in children under 14. *American Journal of Diseases in Childhood, Special Issue on Genetics*, 147, 1298-1302.
20. Allison, D. B., & Heshka, S. (1993). Social Desirability and Response Bias in Self-Reports of "Emotional Eating." *Eating Disorders: Journal of Treatment and Prevention*, 1, 31-38.
21. Allison, D. B., & Franklin, R. D. (1993). The readability of three measures of dietary restraint. *Psychotherapy in Private Practice*, 12, 53-57.
22. Allison, D. B., & Gorman, B. S. (1993). POWCOR: A Power Analysis and Sample Size Program for Testing Differences Between Dependent and Independent Correlations. *Educational & Psychological Measurement*, 53, 133-137.
23. Allison, D. B., Burke, J. C., & Summers, J. A. (1993). Treatment of Nonspecific Dyssomnia with Simple Stimulus Control Procedures in A Child with Down's Syndrome. *Canadian Journal of Psychiatry*, 38, 274-276.
24. Allison, D. B., Hoy, K., Fournier, A., & Heymsfield, S. B. (1993). Can Ethnic Differences in Men's Preferences For Women's Body Shapes Contribute to Ethnic Differences in Female Obesity? *Obesity Research*, 1, 425-432.  
See also: Allison, D. B., Hoy, K., & Heymsfield, S. B. (1994). Response to Must & Goldberg. *Obesity Research*, 2, 294-295.
25. Allison, D. B., Heshka, S., Gorman, B. S., & Heymsfield, S. B. (1993). Evidence of Commingling in Human Eating Behavior. *Obesity Research*, 1, 339-344.
26. Allison, D. B. (1993). Limitations of the Coefficient of Variation as an Index of Reliability. *Nutrition*, 9, 559-561.
27. Allison, D. B. (1993). A Note on The Selection of Control Groups and Control Variables in Comorbidity Research. *Comprehensive Psychiatry*, 34, 336-339.
28. Heshka, S., Feld, K., Yang, M., Allison, D. B., & Heymsfield, S. B. (1993). Resting Energy Expenditure in The Obese: A Cross-validation and Comparison of Prediction Equations. *Journal of the American Dietetic Association*, 93, 1031-1036.
29. Allison, D. B., Neale, M. C., Heshka, S., & Heymsfield, S. B. (1994). Race Effects in the Genetics of Adolescents' Body Mass Index. *International Journal of Obesity*, 18, 363-368.
30. Allison, D. B., Heshka, S., Neale, M. C., Lykken, D. T., & Heymsfield, S. B. (1994). A Genetic Analysis of Weight Residualized for Height Among 4020 Twin Pairs with an Emphasis on Sex Specific Effects. *Health Psychology*, 13, 362-365.

31. Allison, D. B., & Gorman, B. S. (1994). "Make Things As Simple As Possible, But No Simpler": A Reply to Scruggs and Mastropieri. *Behaviour Research and Therapy*, *32*, 885-890.
32. Heymsfield, S. B., Allison, D. B., Pi-Sunyer, F. X., & Sun, Y. (1994). Columbia Respiratory Chamber-Indirect Calorimeter: A New Airflow and Modeling Approach. *Medical and Biological Engineering and Computing*, *32*, 406-410.
33. Hoy, M. K., Heshka, S., Allison, D. B., Grasset, E., Blank, B., & Heymsfield, S. B. (1994). Reduced Risk of Liver Function Test Abnormalities and New Gallstone Formation with Weight Loss on 800 Calorie Formula Diets. *American Journal of Clinical Nutrition*, *60*, 249-254.
34. Penn, I., Wang, Z., Buhl, K. M., Allison, D. B., Burastero, S. E., & Heymsfield, S. B. (1994). Body Composition and Two-Compartment Model Assumptions in Male Recreational Runners. *Medicine and Science in Sports and Exercise*, *26*, 392-397.
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38. Allison, D. B. (1995). When is it Worth Measuring a Covariate In a Randomized Clinical Trial? *Journal of Consulting and Clinical Psychology*, *63*, 339-343.
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49. Gorman, B. S., Primavera, L. H., & Allison, D. B. (1995). PowPal: Software for generalized power analysis. *Educational and Psychological Measurement*, *55*, 773-776.
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### Books and Book Chapters

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3. Allison, D. B., & Pi-Sunyer, F. X. (Eds). (1995). *Obesity Treatment: Establishing Goals, Improving Outcomes, and Reviewing the Research Agenda*. Proceedings of a NATO Advanced Research Workshop. New York: Plenum Press. In addition to co-editing the volume, I authored or co-authored the following chapters.
  4. Pi-Sunyer, F. X., & Allison, D. B. Chapter 1 - *Introduction*.
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*PRESENTATIONS PUBLISHED as ABSTRACTS (not an exhaustive list)*

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161. Edlen-Nezin, L., Faith, M.S., Pietrobelli, A., Gallagher, D., Heymsfield, S.B., Campfield, L.A., & Allison, D.B. (October, 1996). The effect of an acute bout of exercise on serum OB protein (Leptin) levels in normal healthy adults: A pilot study. Presented to the North American Association for the Study of Obesity. *Obesity Research*, 4 (suppl 1), 41S.
162. Heymsfield, S.B., Pietrobelli, A., Vasselli, J., Grammes, J., Allison, D.B., Blackburn, G.L., Ishikawa, M., Hackett, C., Manyak, C., & Staten, M. (October, 1996). Serum Leptin levels: Development and cross-validation of prediction models for estimating total body fat. Presented to the North American Association for the Study of Obesity. *Obesity Research*, 4 (suppl 1), 43S.
163. Manibay, E.P., Faith, M.S., Griffith, J.L., & Allison, D.B. (October, 1996). Obesity and self-esteem in adolescent African-Americans. Presented to the North American Association for the Study of Obesity. *Obesity Research*, 4 (suppl 1), 60S.
164. Kezis, M., Edlen-Nezin, L., Kreibach, K. Faith, M.S., & Allison, D.B. (October, 1996). Development of a family based index of the likelihood of mitochondrial DNA influence on BMI: a demonstration of its use. Presented to the North American Association for the Study of Obesity. *Obesity Research*, 4 (suppl 1), 46S.
165. Wolper, C., Edlen-Nezin, L., Allison, D.B., & Heymsfield, S.B. (October, 1996) Discriminant validity of the impact of weight on quality of life questionnaire (IWQOL): An investigation of normal vs. obese subjects. Presented to the North American Association for the Study of Obesity. *Obesity Research*, 4 (suppl 1), 60S.
166. Pietrobelli, A., Gallagher, D., Faith, M. S., Allison, D. B., Beccaria, L., Chiumello, G., Heymsfield, S. B. (September, 1996). Association between central fat deposition and health risk indicators among obese male and female children. *Hormone Research*, 46(S2), 68.
167. Gallagher, D., Ruts, E., Baumgartner, R., Allison, D.B., Wang, J., Thorton, J.C., Pierson, R.N., Jr., Pi-Sunyer, X., Heymsfield, S. (April, 1996). Sarcopenia and unintentional weight loss after age 60 years: Evidence from the Rosetta Longitudinal Aging Study. Presented at the 1996 Experimental Biology Meeting. *FASEB Journal*, 10 (3), A734
168. Clay-Williams, G., Allison, D.B., Gallagher, D. & Heymsfield, S.B. (1996). The association between body dissatisfaction and sexual interest. *FASEB Journal* 10 (3), A503.

169. Allison, D. B., & Faith, M. S. (1995). *Hypnosis as an Adjunct to Cognitive-Behavioral Psychotherapy for Obesity: A Meta-Analytic Reappraisal*. Presented to the North American Association for the Study of Obesity. *Obesity Research*, 3 (suppl 3), 404S.
170. Allison, D. B., Kriebich, K., Heshka, S., & Heymsfield, S.B. (1995). *A Randomized Placebo-Controlled Clinical Trial of an Auricular Acu-Pressure Device for Weight Loss*. Presented to the North American Association for the Study of Obesity. *Obesity Research*, 3 (suppl 3), 404S.
171. Faith, M.S., Allison, D.B. & Wong, F.Y. (1995). *The Psychosomatic model of obesity: Affect induced eating or experimental artifact*. Presented to the North American Association for the Study of Obesity. *Obesity Research*, 3(suppl 3), 364S.
172. Allison, D. B., Clay-Williams, G., Heymsfield, S.B. & Pi-Sunyer, F.X. (1995). *Weight Loss success rates in a community sample*. Presented to the North American Association for the Study of Obesity. *Obesity Research*, 3(suppl 3), 406S.
173. Allison, D. B., Reddy, N. & Rao, D.C. (1995). *Using data from consanguineous mating to assess non-additivity in genetic factors influencing adiposity*. Presented to the North American Association for the Study of Obesity. *Obesity Research*, 3(suppl 3), 387S.
174. Allison, D. B., Neale, M.C., Grim, C.E., Tishler, P.V., Reddy, N., Rao, D.C., & Heymsfield, S.B. (1995). *Does genetic predisposition to obesity moderate the BMI blood pressure relationship*. Presented to the North American Association for the Study of Obesity. *Obesity Research*, 3(suppl 3), 390S.
175. Gallagher, D., Ruts, E., Pierson, R.N., Wang, J., Thornton, J., Allison, D. B., Pi-Sunyer, F.X. & Heymsfield, S.B. (1995). *Body composition after age 60 years: The Rosetta longitudinal aging study*. Presented to the North American Association for the Study of Obesity. *Obesity Research*, 3(suppl 3), 364S.
176. Clay-Williams, G., Wolper, C., Allison, D. B., Lui, W.Q. & Heymsfield, S.B. (1995). *Body size preference of middle-age African American Women seeking weight loss and their perceptions of female body sizes desired by men*. Presented to the North American Association for the Study of Obesity. *Obesity Research*, 3 (suppl 3), 398S.
177. Allison, D. B. (1995). *Statistical issues in assessing the effect of body mass index on mortality*. Presented to the North American Association for the Study of Obesity. *Obesity Research*, 3(suppl 3), 386S.
178. Allison, D. B., Gallagher, D., Pi-Sunyer, F.X., & Heymsfield, S.B. (1995). *Body mass index and all-cause mortality among persons age 70 and over: The longitudinal study of aging*. Presented to the North American Association for the Study of Obesity. *Obesity Research*, 3(suppl 3), 387S.
179. Muhlheim, L.S., Allison, D. B. & Heymsfield, S.B. (1995). *Mechanisms of understanding of dietary intake*. Presented to the North American Association for the Study of Obesity. *Obesity Research*, 3(suppl 3), 348S.
180. Heymsfield, S.B., Allison, D. B., Gallagher, D. & Wolper, C. (1995). *Relative Body Weight and Functionality*. Presented to the North American Association for the Study of Obesity. *Obesity Research*, 3 (suppl 3), 342S.
181. Allison, D. B. (1994). *Methodological Issues in the Design and Analysis of Obesity Prevention Trials*. *International Journal of Obesity*, 18 (suppl 2), p49.
182. Allison, D. B., Kaprio, J., Korkeila, M., Koskenvuo, M. & Hayakawa, K. (1994). *The Heritability of BMI Among an International Sample of Monozygotic Twins Reared Apart*. *International Journal of Obesity*, 18 (suppl 2), p116.
183. Allison, D. B. & Pi-Sunyer, F.X. (1994). *Optimal Stage I Screening Criteria to Minimize Clinical Trial Recruitment Costs*. *Controlled Clinical Trials*, 15(3S), 39S.

184. Heymsfield, S.B., Wang, Z., Wang, J., Allison, D. B., & Pierson, R.N. (1994). *Theoretical Foundation of Dual Energy X-Ray Absorptiometry (DEXA) Soft Tissue Estimates: Validation in Situ and In Vivo*. *FASEB Journal*, 8(4), A278.
185. Gomez, J., Allison, D.B., Sepulveda, D., Brown, R., & Heymsfield, S.B. (1994). Low Bone Mineral Density Among Persons with Down Syndrome. *FASEB Journal*, 8(4), A168.
186. Nawras, A., El-Gamal, A., Gomez, J., Gallagher, D., Allison, D. B., & Heymsfield, S.B. (1994). Obesity: Changes in Electrocardiographic QT Interval with Weight Loss. *FASEB Journal*, 8(4), A170.
187. Allison, D. B., Heshka, S., Neale, M.C. & Heymsfield, S.B. (1993). Genetic and environmental Links Between Body Mass Index and Blood Pressure Among Women. *Obesity Research*, 1 (Suppl 2), 96S.
188. Allison, D. B., Neale, M. C., Heshka, S., & Heymsfield, S. B. (1993). Race Effects in the Genetics of Adolescents' Body Mass Index. *Obesity Research*, 1 (Suppl. 2), 120S.
189. Allison, D. B., Heshka, S., & Heymsfield, S. B. (1993). Evidence for a major gene with pleiotropic effects for "Syndrome X" in children under 13. *Obesity Research*, 1 (Suppl.2), 106S.
190. Gomez, J.E., Allison, D. B. & Heymsfield, S. B. (1993). Is BMI a Differentially Valid Indicator of Fatness in Blacks and Whites. *Obesity Research*, 1 (Suppl. 2), 106S.
191. Abu, J., Dowling, H., Allison, D. B., & Pi-Sunyer, F. X. (1993). HDL Cholesterol and Insulin Resistance in Obese Glucose Tolerant Women. *Obesity Research*, 1 (Suppl. 2), 95S.
192. Abu, J., Dowling, H., Allison, D. B., & Pi-Sunyer, F. X. (1993). Insulin Resistance and Body Composition in Obese Women. *Obesity Research*, 1 (Suppl. 2), 80S.
193. Sepulveda, D., Heshka, S., Heymsfield, S. B., & Allison, D. B. (1993). Counting Calories: Caveat Emptor. *Obesity Research*, 1 (Suppl. 2), 114S.
194. Buhl, K., Heshka, S., Allison, D. B., Pestone, M., Matthews, D., & Heymsfield, S. B. (1993). Energy expenditure and accuracy of self-reported intake in obese patients referred for diet resistance or unexplained weight gain. *Obesity Research*, 1 (Suppl. 2), 79S.
195. Buhl, K., Allison, D. B., & Heymsfield, S. B. (1993). The effect of obesity on fat estimates by two electrical methods: Tobec and BIA. *FASEB Journal*.
196. Allison, D. B. (1992). Ethnic Differences in Perceptions of Attractiveness of Women's Body Shapes. *International Journal of Obesity*, 16 (Suppl. 1), p. 21.
197. Allison, D. B., Heshka, S., Pierson, R. N., Jr., & Heymsfield, S. B. (1992). Differential Validity of Body Fat Measurements Across the Age Span. *FASEB Journal*, 6, A1656.
198. Hoy, K., Allison, D. B., Buhl, K., Russell, M., Pierson, R. N., & Heymsfield, S. B. (1992). Comparison of Methods for Body Composition Measurement in the Obese. *FASEB Journal*, 6, A1363.
199. Pestone, M., Allison, D. B., Matthews, D. E., & Heymsfield, S. B. (1992). The Prediction of Total Energy Expenditure. *FASEB Journal*, 6, A2023.
200. Buhl, K., Wang, Z., Allison, D. B., Russell, M., & Heymsfield, S. (1992). Adipose Tissue Measured By Computerized Axial Tomography (CT): Comparison To Fat Estimates By Other Available Methods. *Medicine and Science in Sports and Exercise*, 24 (Suppl. 5), S117.
201. Allison, D. B., Alfonso, V. C., & Heshka, S. (1992). Gender differences in the psychological centrality of relative weight. *International Journal of Obesity*.
202. Hoy, K., Allison, D. B., & Heymsfield, S. B. (1992). Cultural preferences for body shape among New York males. *International Journal of Obesity*.

203. Pestone, M., Allison, D. B., Matthews, D. E., & Heymsfield, S. B. (1992). The Prediction of Total Energy Expenditure. *International Journal of Obesity*.
204. Allison, D. B., Kalinsky, L. B., & Gorman, B. S. (1991). The Comparative Psychometric Properties of Three Measures of Dietary Restraint. *International Journal of Obesity*, 15 (Suppl. 3), p. 8.

*PRESENTATIONS (selected)*

1. Allison, D.B. (2012) "Detecting and Minimizing Biases in the Evidence Base: Steps to Move Forward." 2012 ILSI Annual Meeting. Phoenix, AZ on January 23, 2012.
2. Allison, D.B. (2012) "Science Itself is the Antidote to Bias in Science: Using the Scientific Method to Measure and Buttress Research Integrity". The First Annual 'Balancing the Debate' Symposium: The Coca-Cola Company (TCCC's) Support of Evidence-Based Science, Systematic Reviews & Science Advocacy. Atlanta, GA on January 17, 2012.
3. Allison, D.B. (2012) "Genetic and Environmental Influences on Obesity." Seminar speaker at Monell Chemical Senses Center's Thomas Jefferson University Medical College. Philadelphia, PA on January 31, 2012.
4. Allison, D.B. (2012) "Open-mindedness and skepticism about causes and alleviators of the obesity epidemic". Invited speaker at Obesity Roundtable Discussion at Boston University's School of Medicine. Boston, MA on February 13, 2012.
5. Allison, D.B. (2012) "Genetic and Environmental Influences on Obesity." Seminar speaker at Center for Translational and Public Health Genomics at University of Texas MD Anderson Cancer Center. Houston, TX on Feb 23, 2012.
6. Allison, D.B. (2012) "Open-mindedness and skepticism about causes and alleviators of the obesity epidemic". Invited speaker at Brain/Obesity NIDDK Intramural lecture series. Washington, DC on March 22, 2012.
7. Allison, D.B. (2012) "Open-mindedness and skepticism about causes and alleviators of the obesity epidemic". Invited speaker at Mid-Atlantic NORC Mini-symposium at University of Maryland's School of Medicine. Baltimore, MD on March 23, 2012.
8. Allison, D.B. (2012) "Energy Balance, Diet, & Physical Activity". Invite speaker @ The Coca-Cola Company (TCCC's) meeting, Partnerships for Sustainable Business Success: 2020 and Beyond. Atlanta, GA on April 11, 2012.
9. Allison, D.B. (2012) "The challenging trail from basic discovery to practical utility: Examples from the genetics of obesity". Invited speaker at Genetics / Genomics Featured Symposium for the Society of Behavioral Medicine Annual Meeting. New Orleans, LA on April 12, 2012.
10. Cai, ML Powell, DB Allison, & SA Watts (2012) Development of *Nothobranchius furzeri* as a Model for Aging and Nutrition. Poster at 5th Annual UAB Expo, Birmingham AL, April 20, 2012. <http://www.uab.edu/undergraduateresearch/uab-expo>.
11. Allison, D.B. (2012) "Energy Balance: A New Paradigm. Statistical and Study Design Issues". Invited speaker at Experimental Biology (EB2012) annual meeting by the ILSI North America Technical Committee on Energy Balance and Active Lifestyle. San Diego, CA on April 21, 2012.
12. Allison, D.B. (2012) "A Call for Skepticism, Open-Mindedness, and Fidelity of Communication About Causes and Alleviators of the Obesity Epidemic". Lecture at Nutrition and Psychology class at Cornell University. Ithaca, NY on April 26, 2012.
13. Allison, D.B. (2012) "What Contributes to Obesity: The Need for Skepticism & Open-mindedness". Keynote Address at the New York Academy of Sciences (NYAS) Conference: New Thoughts about Cause, Prevention, & Treatment of Childhood Obesity. Binghamton, NY on April 27, 2012. <http://www.nyas.org/Publications/Ebriefings/Detail.aspx?cid=421ef88d-4efa-41b1-9d5e-0440ddc8cfd0>.
14. Allison, D.B. (2012) "A perspective from Academia". Invited speaker at Red Bull Planning meeting re advising federal regulatory agencies on the safety/efficacy of products. Washington, DC on May 8, 2012.



15. Allison, D.B. (2012) "A Call for Skepticism, Open-Mindedness, and Fidelity of Communication About Causes and Alleviators of the Obesity Epidemic". Keynote Address for the University of Tennessee's (Knoxville) Comparative and Experimental Medicine program. Knoxville, TN on May 22, 2012.
16. Allison, D.B. (2012) "What research can we trust? Using the Scientific Method to Measure and Buttress Research Integrity". Invited speaker at the World Sugar Research Organisation (WSRO) Annual meeting. Palm Beach, FL on June 14, 2012.
17. Allison, D.B. (2012) "Contributions to Obesity: Exploring the Road Less Traveled". Speak @ American Psychological Association (APA) annual Convention, obesity track of presidential programming. Orlando, FL on August 3, 2012.
18. Allison, D.B. (2012) "Making data publically available: benefits, challenges, and suggestions". Host and speak at Conference on Scientific Approaches to Strengthening Research Integrity in Nutrition and Energetics. New Paltz, NY on August 8, 2012.
19. Allison, D.B. (2012) "Why study energy balance and how?". Invited speaker at Latin-American Scientific Series Energy Balance Symposium. Sao Paulo, Brazil on August 16, 2012.
20. Allison, D.B. (2012) TOS Keynote Debate re The Role of Sugar-Sweetened Beverages in the Obesity Epidemic: Plague Rat or Red Herring?. The Obesity Society Annual Meeting. San Antonio, TX on September 2, 2012.
21. Allison, D.B. (2012) "Introduction to Genomics & Utility in Healthcare: With Examples from Obesity". Invited speaker at FDA Genomic Evaluation Team for Safety's (GETS) symposium on The Application of Genomics at CBER. Washington, DC on September 6, 2012.
22. Allison, D.B. (2012) "Myths, Presumptions, and Facts of Obesity: Science as the Sifter". Invited speaker for the National Academy of Sciences Institute of Medicine (IOM) interest group meeting. Washington, DC on October 14, 2012.
23. Allison, D.B. (2012) "A Call for Skepticism and Open-Mindedness About the Causes and Ameliorators of Obesity". Keynote speaker at Annual HDDAC Diabetes Research Symposium at the Oklahoma University Health Sciences Center. Oklahoma City, OK on October 19, 2012.
24. Allison, D. B. *Causes and Consequences of Obesity*. An Invited Lecture delivered at the Danish House of Parliament, November, 2011.
25. Allison, D. B. *Body Fat and Survival: From Ecology to Public Health*. An Invited Keynote Lecture delivered at the The 9th International Symposium on In Vivo Body Composition Studies HangZhou, China May 21-24, 2011.
26. Allison, D. B. Moderator/Socratic Dialogue Leader for session on *FOOD TECHNOLOGY: DIRECTIONS FOR THE FUTURE*. Invited presentation at the Institute of Medicine's Food Forum, November, 2010.
27. Kim, J. E., Hsieh, M. H., Shum, P. C., Kim, Y. H., Shih, A. M., Tubbs, R. S., and Allison, D. B., "Modeling methodologies and simulations to investigate impact-induced traumatic injuries sustained by obese children," International Symposium on Models and Modeling Methodologies in Science and Engineering, Orlando, FL, Jul. 19-22, 2011.
28. Allison, D. B. *Ideas from the Outlands: Contributors to Obesity from (A)mbient Temperature to (Z)oonitic Viruses*. Invited lecture delivered at the Canadian Society for Exercise Physiology (CSEP), November, 2010.
29. Allison, D. B. Discussion leader for session in *Obesity: The Gene-Environment Interaction and its Implications*. An invited role in a closed meeting at Melville Castle, Aberdeen Scotland, hosted by the Company of Biologists.

30. Allison, D. B. *The Rise of Statistics as an Empirical Science: Genomics as the Leavening*. Invited lecture delivered at Zhejiang University, Institute of Bioinformatics, Huajiachi Campus, Hangzhou, China, April, 2010.
31. Allison, D. B. *Obesity: A Look Through the Kaleidoscope*. Invited lecture delivered at Zhejiang University, School of Public Health, Hangzhou, China, April, 2010.
32. Allison, D. B. *Data credibility and faithfulness in research reporting*. Invited lecture delivered at American Heart Association INAP Meeting, March, 2010.
33. Allison, D. B. *Conjectures on Some Curious Connections Among Social Status, Hunger, Fatness, and Longevity*. Invited lecture delivered at the National Institute of Diabetes, Digestive, and Kidney Disease, NIH, February, 2010.
34. Allison, D. B. *Dissecting the Evidentiary Basis of Outcome Claims in a Regulatory Framework*. Invited lecture delivered at the International Association for the Study of Obesity's Nutrition Discussion Forum: Monday 1st December 2008, Royal Society of Medicine, Chandos House, London. 'Health Claims': An analysis of FTC (US), EFSA (EU) and Scandinavian Regulations.
35. Padilla, M. A., Elobeid, M., & Allison, D. B. (2008). An Examination of the Association of Heavy Metals with Weight Gain/Obesity: NHANES 99-02 T5: PS.180 (Submitted as an Oral or Poster Presentation to the 16th European Congress on Obesity, in Geneva Switzerland, May 16, 2008, 1545-1715)
36. Elobeid, M, Padilla, M, and Allison, D. Environmental Toxins and Obesity: An Examination of Pesticides and Phthalates, NHANES 99-02. (Will be presented as an Oral Presentation at the 16th European Congress on Obesity, in Geneva, Switzerland, May 14-17, 2008).
37. Yi N, Ding S, Keith SW, Coffey CS, & Allison DB. (2007) Bayesian Analysis of the Effect of Intentional Weight Loss on Mortality Rate. Presented at the Joint Statistical Meetings; St Lake City, UT, July 29 - Aug 2.
38. Allison DB. (2007) Accounting for unobserved confounders via data augmentation. Presented at the Joint Statistical Meetings; St Lake City, UT, July 29 - Aug 2.
39. Vaughan LK, Divers J, Padilla M, Redden DT, Tiwari HK, Pomp D, & Allison DB. (2007) Evaluating individual admixture estimation through plasmodes. Presented at the Joint Statistical Meetings; St Lake City, UT, July 29 - Aug 2.
40. Keith SW & Allison, DB. 2007. A simulation study of a model selection procedure for nonlinear logistic regression. Poster presented at IBS ENAR 2007. March 11 - 14, 2007, Atlanta GA.
41. Bartolucci A, Allison DB, Singh K, Bae S. (2006) Demonstrating the Use of the Mixture Model in Analyzing Microarray Gene Expression Data. Presented at 2006 Joint Research Conference on Statistics in Quality, Industry and Technology., Knoxville, TN, June 7-9, 2006.
42. Hughes LB, Moreland LW, Howard G, Alarcón GS, Allison DB, Westfall AO, Conn DL, Jonas BL, Callahan LF, Smith EA, Gilkeson GS, Fraser P, Reich D, Bridges SL. (Nov, 2006). The HLA DRB1 Shared Epitope Is Associated With Rheumatoid Arthritis In African-Americans And Correlates With Higher Estimated Admixture Of European Ancestry: Results From the CLEAR Registry. ACR/AHP Scientific Meeting 06, Nov 11 - 15. Washington DC.
43. Allison, D. B. (Mar, 2006). Regional Admixture Mapping (RAM) and Structured Association Testing (SAT): A Unified Framework. Invited lecture at the 6th Annual NIDDK-funded Short Course in Statistical Genetics for Obesity & Nutrition Researchers. San Francisco, CA.
44. Allison, D. B. (Mar, 2006). Genetic & Environmental Influences on Obesity: No Simple Answers. Invited lecture at the Grand Rounds at Washington University. St. Louis, MO.

45. Allison, D. B. (Mar, 2006). Regional Admixture Mapping (RAM) and Structured Association Testing (SAT): A Unified Framework. Invited lecture at the 2nd Annual Frontiers NIAMS-funded Short Course on Statistical Genetics. Atlanta, GA.
46. Jacob P. L. Brand, Lan Chen, Xiangqin Cui, Alfred A. Bartolucci, Grier P. Page, Kyoungmi Kim, Stephen Barnes, Vinodh Srinivasasainagendra, Mark T. Beasley and David B. Allison. 2006. An Adaptive Alpha-Spending Algorithm Improves the Power of Statistical Inference in Microarray Data Analysis. ENAR 2006 Spring Meeting, March 26-29, Tampa, FL.
47. Jacob Brand, Lang Chen, Xiangqin Cui, Alfred Bartolucci, Grier Page, Kyoungmi Kim, Stephen Barnes, Vinodh Shrinivasasainagendra, Mark Beasley, Andrey Ptitsyn, David Allison. 2006. An Adaptive Alpha-spending Algorithm Improves the Power of Statistical Inference in Microarray Data Analysis. 2006. The Third Annual Conference of the MidSouth Computational Biology and Bioinformatics Society., March 2-4, Baton Rouge, LA.
48. Allison, D. B. (Feb, 2006). Structured Association Testing and Regional Admixture Mapping: A Unified and Extensible Model. Invited lecture at the Institut de Biologie de Lille - Institut Pasteur de Lille. Lille CEDEX, France.
49. Allison, D. B. (Feb, 2006). Controversies and Confusions regarding Obesity and Longevity. Invited lecture at University of Florida. Gainesville, FL.
50. Allison, D. B. (Feb, 2006). Environmental Interactions with Genetics that Influence Obesity. ***Invited lecture at University of Florida's York Distinguished Lecture Series.*** Gainesville, FL.
51. Allison, D. B. (Feb, 2006). Genetic and Environmental Influences on Obesity. Invited lecture for Dr. Douglas Ruden's Environmental Health Masters Level Seminar (ENH 695/791) @ UAB. Birmingham, AL.
52. Allison, D. B. (Jan, 2006). Obesity, Overweight, and Mortality Rates: Understanding the Data behind the Differing Estimates. Invited lecture at 2006 ISLI NA Annual Scientific Meeting. San Juan, Puerto Rico.
53. Allison, D. B. (Nov, 2005). Obesity: Person and Population. Keynote lecture delivered at Workshop on obesity, hunger, and treatment hosted by SlimFast, Inc. West Palm Beach, FL.
54. Allison, D. B. (Nov, 2005). Obesity and Mortality Rate. Invited lecture at Morehouse School of Medicine's CVRI Lecture Series. Atlanta, GA.
55. Allison, D. B. (Nov, 2005). Regional Admixture Mapping (RAM) and Structured Association Testing (SAT): A Unified Framework. Invited lecture delivered at the Department of Statistics, Texas A&M University. College Station, TX.
56. Allison, D. B. (Oct, 2005). Relationship of Obesity and Psychiatric Disorders. Invited lecture delivered at a National Institute of Mental Health workshop on Obesity and Severe Mental Disorders. Bethesda, MD.
57. Allison, D. B. (Oct, 2005). Medication effects on weight and adiposity. Invited lecture delivered at a National Institute of Mental Health workshop on metabolic effects of antipsychotic drugs and mood stabilizers. St. Louis, MO.
58. Allison, D. B. (Sept, 2005). Resampling-based Inference in High Dimensional Biology. Lecture delivered at a National Science Foundation sponsored retreat on design and analysis of microarray studies. New Paltz, NY.
59. Allison, D. B. (Sept, 2005). Regional Admixture Mapping (RAM) and Structured Association Testing (SAT): A Unified Framework. Lecture delivered at the Data Analysis Workshop of the National Heart, Lung, and Blood's PROGENI Network. Baltimore, MD.

60. Allison, D. B. (Sept, 2005). Regional Admixture Mapping (RAM) and Structured Association Testing (SAT): A Unified Framework. Invited lecture delivered at the annual Joint Statistical Meeting (JSM).
61. Allison, D. B. (Sept, 2005). Regional Admixture Mapping (RAM) and Structured Association Testing (SAT): A Unified Framework. Invited lecture delivered at the annual Joint Statistical Meeting (JSM).
62. Allison, D. B. (Sept, 2005). Genetic & Environmental Influences on Obesity: No Simple Answers. Invited lecture delivered at the Department of Psychology, University of Alabama at Birmingham. Birmingham, AL.
63. Allison, D. B. (July, 2005). New approaches for dealing with bioinformatics OR Sense & Nonsense in Microarray Research & HDB. Invited lecture delivered at the annual meeting of the American institute on Cancer Research.
64. Allison, D. B. (May, 2005). Structured Association Testing (SAT) & Regional Admixture Mapping (RAM). Lecture delivered at UAB-sponsored workshop on genetic admixture. Birmingham, AL.
65. Allison, D. B. (March, 2005). Genetic & Environmental Influences on Obesity: No Simple Answers. Invited lecture delivered at the National Cancer Institute. Bethesda, MD.
66. Allison, D. B. (Feb, 2005). Genetic & Environmental Influences on Obesity: No Simple Answers. Invited lecture delivered at the annual meeting of the UAB Medical School Alumni. Birmingham, AL.
67. Allison, D. B. (Feb, 2005). Sense & Nonsense in Microarray Research & HDB. Invited lecture delivered at St. Jude's Children's Hospital. Memphis, TN.
68. Allison, D. B. (Dec, 2004). Attributable Risk in Practice-Examples from the Field: Obesity. Invited lecture delivered at the Institute of Medicine. See: <http://www.iom.edu/project.asp?id=24066>
69. Allison, D. B. (Dec, 2004). Sense & Nonsense in Microarray Research & HDB. Invited lecture delivered at Ligand Pharmaceuticals. San Diego, CA.
70. Zakharkin SO, Hunter GR, Lara-Castro C, Byrne NM, Allison DB. (2004) Weight Loss Needed to Maintain Visceral Adipose Tissue During Aging. Presented at the UAB Center for Aging Annual Meeting; Birmingham, Alabama, September 10, 2004. **Paper won the post-doc/junior faculty award in the Clinical Science - Health Services - Outcomes Research category at the conference.**
71. Garge NR, Page GP, Sprague AP, Allison DB. (2004) Cluster Stability in Microarrays. Presented at Midsouth Computational Biology and Bioinformatics Society Conference; Little Rock, Arkansas, October 8, 2004.
72. Zakharkin S.O., Page G.P., Allison D.B., Fuller C.M., Gillespie G.Y., Reddy A.T., Mapstone, T.B., Benos D.J. Gene Expression Profiling in Pediatric Brain Tumors Using Microarray Analysis. ASBMB Annual Meeting & 8th IUBME Conference. Boston MA, June 12 - 16, 2004. Poster B434.
73. Henderson DC, Allison DB, Cagliero E, Daley TB, Borba C, Copeland P, Anderson E, Hayden D, Schoenfeld D, Goff DC. Glucose metabolism in schizophrenia patients treated with atypical antipsychotics: a frequent sampled intravenous glucose tolerance test and minimal model analysis. 44th Annual New Clinical Drug Evaluation Unit (NCDEU) Conference. Phoenix, AZ, June 1-4, 2004. Poster No. 232.
74. Brand JP, Beasley TM, Page GP, Bartolucci AA, Gadbury G, Kim K, Barnes S, Allison DB (April 2004). An adaptive weighted p-value algorithm for more powerful multiplicity control in finding

differentially expressed genes in microarray data. Bioinformatics Symposium, University of Louisiana, Lafayette, [See: <http://www.cacs.louisiana.edu/bioinformatics/program.html>.]

75. Allison, D.B. (November, 2003). Adiposity associated with the use of anti-psychotic drugs. Invited lecture delivered to the ADA Consensus Development Conference on Anti-psychotic Drugs & Diabetes, Alexandria, VA.
76. Allison, D.B. (December, 2003). Design & Analysis of Microarray Studies. Invited lecture delivered to the Emory University School of Medicine, Dept of Human Genetics, Atlanta, GA.
77. Allison, D.B. (December, 2003). Genetics of Obesity: A methodological Perspective. Invited lecture delivered to the Duke University Medical Center, Center for Human Genetics, Durham, NC.
78. Allison, D.B. (December, 2003). Pharmacologic management of obesity. Invited lecture delivered to Health Learning System: Pri-Med Update at the Binge Eating & Obesity Symposium, San Antonio, TX.
79. Allison, D.B. & Fernandez, J. (February, 2004). Statistical Genomics: Riding the Wave of the Data Torrent. Invited lecture delivered to the University of Alabama at Birmingham's Honors Program, Birmingham, AL.
80. Allison, D.B. (March, 2004). Novel Statistical Approaches to High Dimensional Analyses. Invited symposium delivered to the ENAR 2004, Pittsburgh, PA.
81. Allison, D.B. (April, 2004). A statistical geneticist looks at obesity. Invited lecture delivered at the ILSI - Pre-Experimental Biology Meeting 2004, Washington, DC.
82. Allison, D.B. (April, 2004). Mathematical modeling in microarray analysis. Invited lecture delivered at the APS Experimental Biology 2004 session: A Bioinformatics How-to-for the Wet-Lab Physiologist, Washington, DC.
83. Allison, D.B. (April, 2004). Microarray and related topics III. Invited lecture at the 2004 UAB Short Course on Statistical Genetics, Washington, DC.
84. Allison, D.B. (May, 2004). Weight Gain and it's Associated Comorbidities. Invited lecture delivered to the Florida Association For The Study of Headache and Neurological Disorders, Palm Beach, FL.
85. Allison, D.B. (May, 2004). Methods for Multiple Comparison Adjustments. Invited lecture at the University of Arizona's Oligonucleotide Microarray Workshop, Tucson, AZ. [See: <http://ag.arizona.edu/microarray/workshopMay2004.html>]
86. Allison, D. B. (October, 2003). Food and Nutrition in Obesity Prevention: Implications for Research and Education. Invited Keynote Lecture delivered at the annual meeting of the USDA Advisory Board Committee, Washington, DC.
87. Allison, D. B. (October, 2003). Genetic Study Designs. Invited Keynote Lecture delivered at Phenotyping Obesity for Human Genetic Studies hosted by the National Institute of Diabetes, Digestive, and Kidney Diseases, Bethesda, MD.
88. Allison, D. B. (October, 2003). Hogs in Montana, Tea in China, Stars in the Heavens: Objectively Connecting Knowledge in High Dimensional Biology. Invited Lecture delivered at UAB's Comprehensive Cancer Center's Annual Retreat, Birmingham, AL.
89. Allison, D. B. (October, 2003). Antipsychotic induced weight gain: A second generation of research. Invited Lecture delivered at the annual meeting of the North American Association for the Study of Obesity, Fort Lauderdale, FL.
90. Allison, D. B. (September, 2003). Applying High-Dimensional Approaches to Microarray Research. Invited Lecture delivered at The Institute for Mathematics and its Applications'

workshop on Statistical Methods for Gene Expression: Microarrays and Proteomics, Minneapolis, MN. [See: <http://www.ima.umn.edu/complex/fall/c1.html#schedule>]

91. Allison, D. B. (August, 2003). Microarray Research: Goldmine or Minefield. An Invited Lecture delivered at a meeting on Genomics Of Diabetes And Associated Diseases In The Post Genome Era, Lille, France.
92. Allison, D. B. (July, 2003). Statistical Issues in Longitudinal Data Analysis. An Invited Lecture delivered at the National Institute of Aging, Bethesda, MD.
93. Allison, D. B. (July, 2003). Antipsychotic-induced weight gain: A second generation of research. An Invited Lecture delivered to Pfizer Pharmaceuticals, Ann Arbor, MI.
94. Allison, D. B. (July, 2003). Obesity: True Knowledge, presumed knowledge, and false beliefs. Invited **Keynote** Lecture delivered at the Chief Scientific Officers' meeting of the International Food Technologists annual meeting, Chicago, IL.
95. Allison, D. B. (June, 2003). Genetic & Environmental Influences on Obesity. An Invited Lecture delivered at the "Healthy Solutions: Innovation in Response to the Obesity Epidemic" meeting for the food industry sponsored by McNeil Pharmaceuticals, NY, NY.
96. Allison, D. B. (June, 2003). Obesity & Headache. An Invited Lecture delivered at the annual meeting of the American Headache Society, Chicago, IL.
97. Allison, D. B. (June, 2003). Applying High-Dimensional Approaches to Microarray Research. An Invited Lecture delivered at the Graybill Conference on Microarrays, Bioinformatics, & Related Topics, Fort Collins, CO.
98. Allison, D. B. (June, 2003). Problems in statistical genetics. An Invited Lecture delivered at the annual meeting of The Southern Regional Council on Statistics' Summer Research Conference in Statistics, Jekyll Island, GA.
99. Allison, D. B. (May, 2003). Antipsychotic induced weight gain. An Invited Lecture delivered at the annual meeting of The American Psychiatric Association, San Francisco, CA.
100. Allison, D. B. (May, 2003). Antipsychotic induced weight gain. An Invited Lecture delivered at the annual Biological Psychiatry meeting, San Francisco, CA.
101. Allison, D. B. (April, 2003). Adenovirus 36 as a potential cause of obesity: What additional evidence is needed. An Invited Lecture delivered at the annual Experimental Biology meeting, San Diego, CA.
102. Allison, D. B. (April, 2003). Antipsychotic-induced weight gain: A second generation of research. An Invited Lecture delivered to Eli Lilly & Co., Indianapolis, IN.
103. Allison, D. B. (April, 2003). Obesity among African Americans. An Invited Lecture delivered at the annual meeting of the National Organization for the Professional Advancement of Black Chemists and Chemical Engineers, Indianapolis, IN.
104. Allison, D. B. (April, 2003). Use of Microarrays for Pharmacogenomics Research. An Invited Lecture delivered at Indiana University's Division of Clinical Pharmacology in the Department of Medicine, Indianapolis, IN.
105. Allison, D. B. (April, 2003). Design & Analysis of Microarray Studies. An Invited Lecture delivered at Indiana University's Indiana University School of Medicine Department of Endocrinology & Medical & Molecular Genetics, Indianapolis, IN.
106. Allison, D. B. (March, 2003). Design & Analysis of Microarray Studies. An invited lecture delivered at the Wistar Institute, Philadelphia, PA.
107. Allison, D. B. (March, 2003). Statistical Methods in High Dimensional Biology: Examples from Microarray Research. An invited lecture delivered at the University of Pennsylvania, Philadelphia, PA.

108. Allison, D. B. (March, 2003). Obesity, Weight Loss, & Mortality. The 1<sup>st</sup> **Janssen Distinguished Lecture** delivered at the University of Southern California, Los Angeles, CA..
109. Holt, J., Beasley, T. M., & Allison, D. B. (March, 2003). Statistical Models of Gene Expression from Microarray Data. Presented at the 2003 ENAR conference, Tampa, Florida.
110. Allison, D. B. (December, 2002). Integrating QTL Mapping Data Across Species: Comparative Genomics Made Quantitative. Invited address delivered at conference sponsored by the Institute of Mathematical Statistics on *Statistical Integration of Genetic Information Across Data Domains: Biomedical, Agricultural, and Comparative Genomics*. Held in Birmingham, Alabama.
111. Beasley, T. M., Fernandez, J. R. George, V., & Allison, D. B. (November, 2002). Quantitative Genomics and Biostatistics: Exciting Career Opportunities in 21st Century Science. Presented at the annual American Indian Science & Engineering Society National Conference in Tulsa, Oklahoma.
112. Allison, D. B. (September, 2002). Design & Analysis in High Dimensional Biology: Examples from Microarray & Related Research. **Keynote** Address delivered at Auburn University's Cellular & Molecular Biosciences Fall Mini-Symposium.
113. Allison, D. B. (March, 2002). Genetic & Environmental Influences on Obesity. An invited lecture delivered to the Palm Chapter of the Florida Psychological Association.
114. Allison, D. B. (October, 2001). Standards of evidence in obesity treatment loss trials. In Non-pharmacological Treatments for Obesity. A symposium sponsored by Nutripharma Inc at the 2001 meeting of the North American Association for the Study of Obesity.
115. Allison, D. B. (August, 2001). Data Analytic Approaches to Microarray Technology. An invited address delivered at the summer conference on Obesity sponsored by the Federation of American Societies of experimental Biology. Snowmass, CO.
116. Allison, D. B. (July, 2001). Statistical Analysis in Pooling Data from Multiple Genome Scans. An invited address delivered at the National Institute of Diabetes, Digestive, & Kidney Disease's second *AdiMap* workshop. Washington, DC.
117. Allison, D. B. (July, 2001). Statistical Analysis of Microarray Gene Expression Data. An invited address delivered at the National Institute of Diabetes, Digestive, & Kidney Disease's conference on *Genomic and Proteomics in Kidney and Urologic Disease*. Washington, DC.
118. Allison, D. B. (May, 2001). New approaches to the epidemiology of obesity and cardiovascular disease risk. An invited address delivered at the NHLBI-NIDDK Working Group on the Pathophysiology of Obesity-Associated Cardiovascular Disease, Bethesda, MD.
119. Allison, D. B. (May, 2001). Public Health & Environmental approaches to obesity. An invited address delivered to Kraft (Nabisco) Nutrition Group, Chicago, Ill.
120. Allison, D. B. (May, 2001). Statistical Analysis of Microarray Gene Expression Data. An invited address delivered to R. W. Johnson Research Foundation, La Jolla, California.
121. Allison, D. B., & Mackell, J. (2000). Healthcare resource use and body mass index among individuals with schizophrenia. Presented at the 13th annual meeting of the European College of Neuropsychopharmacology, Munich, Sept 9-13, 2000.
122. Allison, D. B. (August, 2000). Statistical Methods for Gene Mapping with Quantitative Traits. An invited address delivered at the Indiana University School of Medicine.
123. Allison, D. B. (July, 2000). Obesity, Genetics and Mortality. An invited address delivered before the National Academy of Science's Panel on Dietary Reference Intakes, Washington, DC.

124. Allison, D. B. (July, 2000). Statistical Methods for Gene Mapping with Complex Traits. An invited address delivered at the Sackler Institute, NY, NY.
125. Allison, D. B. (April, 2000). Food Policy & Obesity: What Do the Data Tell Us. An invited address delivered at the 2000 Food Update Conference, Sanibel Island, Florida.
126. Allison, D. B. (April, 2000). Genetic Influences on Obesity: Something for Everyone. An invited address delivered at the Inauguration of the Clinical Nutrition Research Unit at the University of Alabama at Birmingham.
127. Allison DB, Mackell JA, Gutterman EM. The Impact of Weight Gain on Quality of Life among Individuals with Schizophrenia. 39th Annual New Clinical Drug Evaluation Unit (NCDEU) Conference. Boca Raton, FL, June 1-4, 1999. Poster No. 91.
128. Allison, D.B., and Mackell, J.A. Healthcare Resource Use and Body Mass Index among Individuals with Schizophrenia. 40th Annual New Clinical Drug Evaluation Unit (NCDEU) Conference. Boca Raton, FL, May 30-June 2, 2000. Poster No. 125.
129. Allison, D. B. (March, 1999). Genetic & Environmental Influences on Obesity. An invited address delivered at the Research Institute on Addictions at the State University of New York at Buffalo.
130. Allison, D. B. (February, 2000). Statistical Analysis of Microarray Gene Expression Data. An invited address delivered to the Biostatistics Department of the New York State Psychiatric Institute at Columbia University.
131. Allison, D. B. (February, 2000). Research Directions in Antipsychotic Induced Weight Gain. An invited address delivered at the University of Innsbruck.
132. Allison, D. B. (January, 1999). Genetic & Environmental Influences on Obesity. An invited address delivered at the Jean Mayer Center for Research on Nutrition and Aging at Tufts University.
133. Allison, D. B. (December, 1999). Some estimation and inference problems in mapping quantitative trait loci. An invited address delivered to the Columbia University Genetic Epidemiology Seminar.
134. Allison, D. B. (December, 1999). Genetic & Environmental Influences on Obesity. An invited address (Grand Rounds) delivered to the Department of Psychiatry, Medical College of Virginia.
135. Allison, D. B. (October, 1999). Tests of Linkage in the Presence of Association with Quantitative Traits. An invited address delivered to the American Society of Human Genetics, San Francisco.
136. Allison, D. B. (1999, October). Body composition and longevity. An invited address delivered at the International Symposium on in Vivo Body Composition at the Brookhaven National Laboratory.
137. Allison, D. B. (1999, September). Body weight, body composition and longevity. An invited address delivered to the Primate Research Center of the University of Wisconsin.
138. Allison, D. B. (1999, September). Body weight, body composition, aging, and mortality rate. An invited address delivered at the Annual Conference on Nutrition and Aging, Little Rock, Arkansas, Veterans Administration.
139. Allison, D. B. (1999, September). The Rising Tide of Obesity. What is the role of the food industry. An invited address delivered at the annual meeting of the Grocery Manufacturers' Association, Washington, DC.



140. Allison, D. B., Mackell, J., & Gutterman, E. M. (1999, August). The Impact of Weight Gain on Quality of Life among Individuals with Schizophrenia: The Patient's Perspective. Presented to the CINP in Hamburg Germany.
141. Allison, D. B. (1999, June). Genetics of Obesity: A very complex trait. An invited address given at the National Institute of Health's STEP Forum on "Complex Traits: Genes, Environment and Disease.". Bethesda, MD, June 10, 1999.
142. Allison, D. B. (1999, March). Genetic influences on the longevity response to caloric restriction in humans. An invited address given at the National Institute of Aging's workshop on "Caloric Restriction: Clinical Implication and Extensions". Bethesda, MD, March 8-10, 1999.
143. Allison, D. B., Mentore, J. M., Heo, M. Chandler, L., Cappelleri, J. C., Infante, M., & Weiden, P. *Meta-analysis of the effects of anti-psychotic medication on weight gain*. Presented to the 9th Congress of the Association of European Psychiatrists in Copenhagen, Denmark, in September 1998.
144. Allison, D. B., Mentore, J. M., Heo, M. Chandler, L., Cappelleri, J. C., Infante, M., & Weiden, P. *Meta-analysis of the effects of anti-psychotic medication on weight gain*. Presented to the XX1st Collegium Internationale Neuropsychopharmacologicum (CINP) meeting in Glasgow, Scotland, July 12-16, 1998.
145. Allison, D. B., Mentore, J. M., Heo, M. Chandler, L., Cappelleri, J. C., Infante, M., & Weiden, P. *Meta-analysis of the effects of anti-psychotic medication on weight gain*. Presented to the New Clinical Drug Evaluation Unit (NCDEU) Meeting in Florida, June 8-12.
146. M. Chandler, L., Cappelleri, J. C., Infante, M., & Weiden, P. *Meta-analysis of the effects of anti-psychotic medication on weight gain*. Presented to the 151st Annual Meeting of the American Psychiatric Association in Toronto, Canada, May 30-June 4, 1998.
147. Carpenter, K.M., Hasin, D.S., Allison, D.B., & Faith, M.S. DSM-IV Major Depression and Obesity: A General Population Study. Presented to the American Psychological Association, August, 1998.
148. Allison, D. B. (1998, June). How to Interpret Outcomes Research. An invited address delivered to the media spokespersons of the American Dietetic Association.
149. Allison, D. B. (1998, May). Meta-Analysis: Extensions & Applications. An invited address delivered as part of a workshop on *Meta-analysis: Methods, Issues, Examples*. Sponsored by the NY Metropolitan Chapter of the American Statistical Association.
150. Allison, D. B. (1998, April). The Genetics of Obesity from an Environmental Point of View. An invited address delivered at the Grand Opening of the University of Maryland's Josslyn Center for Diabetes.
151. Allison, D. B. (1998, April). The Genetics of Obesity and Eating Disorders. An invited plenary address delivered at the Eighth International Conference on Eating Disorders, New York, New York.
152. Allison, D.B. (1998, March). Issues and Applications of Meta-Analytic Methods. In (L. Primavera; Chair) *Methods for Meta-Analysis*. An invited workshop presented to the Eastern Psychological Association.
153. Allison, D. B. (1998, February). Methods for the assessment of eating behaviors and weight related problems. An invited *Magestral (keynote)* address delivered at the opening of the *Italian Congress on Eating Disorders*, Bologna, Italy.
154. Allison, D.B. (1998, January). Genetic and Environmental Influences on Obesity. Paper presented to the American Society of Parenteral and Enteral Nutrition.

155. Allison, D. B. (1997, December). Prevalence and Consequences of Obesity. An invited address delivered at the Englewood Hospital, Englewood, NJ at a one-day symposium on Clinical Issues in Obesity hosted by Dr. Peter Bennotti.
156. Allison, D. B. (1997, July). Selective Sampling Strategies for Gene Mapping. Presented at the NAASO/NIDDK sponsored workshop *Advancing the Genetics of Obesity: Strategies & Methods*.
157. Allison, D. B. (1997, June). Fitness AND fatness affect health and longevity. An invited lecture/debate with Dr. Steven Blair at the University of Colorado Health Sciences Center.
158. Nathan, J. S., Heymsfield, S. B., Albu, J., Pi-Sunyer, F. X., & Allison, D. B. (1997, April). Descriptive Results from Phase I of the BMI50 Study: Measurement Challenges in the Massively Obese People. Presented to the Eastern Psychological Association.
159. Faith, M. S., Manibay, E. P., & Allison, D. B. Self-Concept and Obesity in Adolescents. (1997, April). Presented to the Eastern Psychological Association.
160. Allison, D. B. (1997, April). Scaling and Adjusting Data with Ratios, Residuals, Regression, and Allometry. Presented to the Eastern Psychological Association.
161. Allison, D. B. (1997, April). Obesity and body mass index, body composition, and gene mapping. Presented to the Eastern Psychological Association.
162. Allison, D. B. (February, 1997). *Genetic Epidemiology of Obesity*. Invited presentation delivered at the 2<sup>nd</sup> Abraham Conference on Preventive Nutrition "Obesity in the 1<sup>st</sup> Century" at Columbia University College of Physicians and Surgeons.
163. Allison, D. B. (January, 1997). *Genetic Influence on Food Intake: A Twin Study*. Invited presentation delivered at the 1997 annual meeting of the International Life Sciences Institute.
164. Allison, D. B., & Faith, M. S. (November, 1996). Bridging the data gap. In D. B. Allison (Chair) *Controversies in Obesity Treatment: Moving Toward Common Ground* (Symposium). Presented to the Association for the Advancement of Behaviour Therapy.
165. Allison, D. B. *Recent Advances in the Genetics of Obesity*. (November, 1996). Invited **Keynote** address presented to the Obesity and Eating Disorders Special Interest Group of the Association for the Advancement of Behaviour Therapy.
166. Allison, D. B. (November, 1996). *Obesity: Prevalence and Consequences*. In *Obesity: Problems, mechanisms & Therapies*. A one-day symposium at Montefiore Medical Center.
167. Allison, D. B. (September, 1996). *Advocacy (and other) Science: Separating the Reasonable from Unreasonable*. An invited lecture delivered at the annual meeting of the D.C. Science Writers' Association.
168. Allison, D.B. & Faith, M.S. (August, 1996). A Proposed Heuristic for Communicating Heritability to the General Public. Presented to the American Psychological Association.
169. Allison, D. B. (1996). *Statistical Aspects of Data Normalization Procedures*. In Goran, M. I. *Workshop on Data Normalization Procedures*. Presented at the 1996 Experimental Biology meeting.
170. Pietrobelli, A., Brambilla, P., Manzoni, P. Heymsfield, S. B., Gallagher, D., Allison, D. B., Faith, M. S., Chiumello, G. (April, 1996). Validation of BMI as a Measure of Adiposity in Children and Young Women. Presented at the 1996 International Congress on Eating Disorders.
171. Allison, D. B. (April, 1996). Psychobiology of Eating Disorders I: Genetics. Presented at the 1996 International Congress on Eating Disorders.
172. Allison, D. B. (April, 1996). Eating Disorders Research Viewed from an Obesity Research Perspective: What Can We Learn? Presented at the 1996 International Congress on Eating Disorders.

173. Allison, D.B. (April, 1996) Overview and Introduction on Obesity: Pathophysiology and Treatment II (Metabolic Processes in Health and Disease Theme). Presented at the 1996 Experimental Biology Meeting.
174. Faith, M.S. & Allison, D.B. (March, 1996). Do Social Comparison Tendencies Moderate the Obesity Body Image relationship. Presented to the Eastern Psychological Association.
175. Edlen-Nezin, L., Allison, D.B., & Clay-Williams, G. (March, 1996). Race effects on body weight satisfaction and dieting beliefs and behaviors. Presented to the Eastern Psychological Association.
176. Allison, D.B. (March, 1996). Alternative Models for Meta-Analysis. In (L. Primavera; Chair) Methods for Meta-Analysis. Presented to the Eastern Psychological Association.
177. Allison, D. B. (March, 1996). Going to Extremes: Statistical Issues in Mapping Genes for Complex Traits. An invited address presented to the New York Metropolitan Chapter of the American Statistical Association.
178. Allison, D. B. (November, 1995). *New findings in the genetics of obesity*. An invited address presented at the annual Nutrition Symposium at Johns Hopkins University School of Medicine.
179. Allison, D. B. (October 1995). *Interpreting epidemiological research*. An invited address delivered at the annual meeting on journalistic reporting of epidemiological research hosted by the Boston University School of Journalism.
180. Allison, D. B. (August 1995). *The Measurement of Food Intake in Children*. Invited paper presented at the National Institutes of Health, National Institute of Diabetes Digestive and Kidney Disease's symposium on *Methods for Research in Childhood Obesity*, September 1995.
181. Allison, D. B., Faith, M.S. & Gorman, B.S. (August 1995). *The effects of autocorrelation on Type I error rates in single case research analyzed via randomization test*. Paper presented to the American Psychological Association.
182. Allison, D. B., Engel, C., Kriebich, K., Heshka, S., & Heymsfield, S.B. (August 1995). *Predicting weight loss: Assessing the predictive validity of three psychometric instruments*. Paper presented to the American Psychological Society.
183. Allison, D. B., Neale, M.C., Kezis, M. I., Alfonso, V.C., Heshka, S., & Heymsfield, S.B. (August 1995). *Assortative Mating for Relative Weight: Genetic and Social Implications*. Paper presented to the American Psychological Society.
184. Allison, D. B. (August 1995). *Meta-Regression: Issues and Applications*. In Primavera, L.H. (Chair). Issues in the use of regression analysis. A symposium presented to the American Psychological Association.
185. Allison, D. B. & Heymsfield, S. (August 1995). Racial Admixture, adiposity, and adipose tissue distribution among Black females: A pilot study. Presented to the 1995 FASEB Summer Conference on Genetic and Behavioral Influences on Obesity and Energy Regulation.
186. Allison, D. B. *Genetics of Human Obesity: Myths, Methods, & Measurements*. An invited address delivered to the New York City American Heart Association, June, 1995.
187. Allison, D. B., & Neale, M. C. *Does Genetic Predisposition to Obesity Moderate the Obesity-Hypertension Relation*. Paper presented to the International Twin Society, May, 1995.
188. Allison, D. B. *The Epidemiologic Evidence Regarding Trans-Fatty Acids and CHD*. Invited address presented at the 1995 meeting of the Oil Chemists Society.
189. Allison, D. B., & Faith, M. *Publication Bias in Obesity Treatment Trials?* Paper presented to the Eastern Psychological Association, April, 1995.

190. Goran, M. I., Allison, D. B., Poehlman, E. T. *Are Body Composition Ratios Valid Obesity Indices*. Paper presented to the Federation of American Societies of Experimental Biology, April, 1995.
191. Allison, D. B. *More Power & More Money*. In Primavera, L. H., Gorman, B. S., and Allison, D. B. *Practical Issues in Power Analysis*. A symposium presented to the American Psychological Association, August, 1994.
192. Mulheim, L. S., Allison, D. B., & Heymsfield, S. B. *Caloric Underreporting in obese persons*. Presented to the 6<sup>th</sup> International Conference on Eating Disorders, April, 1994.
193. Allison, D. B. (Invited Panel Presenter) at *Research and the New Paradigm*. Presented at the annual meeting of the Association for the Health Enrichment of Large People, April, 1994.
194. Allison, D. B. *Power and Money*. A symposium presented to the Eastern Psychological Association, April, 1994.
195. Allison, D. B., Heshka, S., Sepulveda, D., Babbitt, R. L., & Heymsfield, S. *Resting Metabolic Rate Among Persons With Down Syndrome*. Paper presented to the annual Gatlinberg Conference on Mental Retardation, March, 1994.
196. Basile, V. C., Motta, R., & Allison, D. B. *Antecedent Exercise as a treatment for disruptive behavior: Testing hypothesized mechanisms of action*. Paper presented to the Association for the Advancement of Behavior Therapy, November 1993.
197. Alfonso, V. C. & Allison, D. B. *Convergent and Discriminant Validity of the Extended Satisfaction with Life Scale*. Paper presented to the American Psychological Association, August, 1993.
198. Primavera, L. H., Gorman, B. S., & Allison, D. B. *Common questions of statistical consultants: What to do before hitting the ENTER key*. Paper presented to the American Psychological Association, August, 1993.
199. Gorman, B. S., Primavera, L. H., & Allison, D. B. *Difficulty factors in the restrained eating scale: When is a scale a scale?* Paper presented to the Eastern Psychological Association, April, 1993.
200. Allison, D. B. *Methodological Issues in Obesity Research with Examples from Biometrical Genetics*. Paper presented to at the symposium Obesity and Weight Control: Advances in the Medical and Psychosocial Management of the Nations most Prevalent Life-Threatening Illness sponsored by The American Institute of Life-Threatening Illness and Loss, April, 1993.
201. Allison, D. B., & Heymsfield, S. B. *Do the obese overeat?* In Allison, D. B., & Pi-Sunyer, F. X. *Current Status of Scientific and Clinical Progress in Human Obesity*. A two-day symposium held at the annual AAAS convention in February, 1993.
202. Allison, D. B. *If we live in a deterministic world, why can't we predict treatment outcome?* In Allison, D. B., & Pi-Sunyer, F. X. *Current Status of Scientific and Clinical Progress in Human Obesity*. A two-day symposium held at the annual AAAS convention in February, 1993.
203. Allison, D. B., Gorman, B. S., & Primavera, L. H. (1992, August). *The Most Commonly Asked Questions by Statistical Consultees: Our Favorite Responses and Recommended Readings*. Invited address (Division 1) delivered to the American Psychological Association at the 1992 annual convention.
204. Allison, D. B., Heshka, S., & Heymsfield, S. B. (August, 1992). *A Method for the Identification and Analysis of Homologizer/Moderator Variables When the Moderator is Continuous*. Paper presented to the American Statistical Association.
205. Alfonso, V. C., & Allison, D. B. (1992, August). *Further Psychometric Development of the ESWLS*. Paper presented to the American Psychological Association.

206. Allison, D. B., & Heymsfield, S. B. (1992, August). *Is the Asymptotic Variance-Z Test Robust with Truly Small Samples?* Paper presented to the American Psychological Association.
207. Allison, D. B. (1992, August). *The Confounding of Single-Case Designs When Cyclicity is Present.* Paper presented to the American Psychological Association.
208. Gorman, B. S., & Allison, D. B. (1992, August). *Calculating Effect Sizes for Meta-analysis: The Case of the Single-Case.* Paper presented to the American Psychological Association.
209. Franklin, R. D., & Allison, D. B. (1992, August). *Visual Inspection, Response Guided Experimentation, and Type I Error Rate.* Paper presented to the American Psychological Association.
210. Silverstein, J. M., & Allison, D. B. (1992, August). *Proposed Designs for Informative, Ethical, and Inferentially Sound Clinical Evaluation.* Paper presented to the American Psychological Association.
211. Allison, D. B. (1992, August). *Evidence of Commingling in Human Eating Behavior.* Presented at the FASEB Summer Conference on "Energy Balance from Gene to Organism."
212. Allison, D. B. (May, 1992). *The Validity of Assumptions Underlying the Promotion of Weight Loss.* Invited address delivered to the Food and Nutrition Council of Greater New York.
213. Allison, D. B., & Heymsfield, S. B. (May, 1992). *Do Obese Persons Eat More Than Nonobese Persons? A Methodological Perspective.* Paper presented to the Association for the Health Enhancement of Large Persons.
214. Silverstein, J. M., & Allison, D. B. (May, 1992). *Antecedent Exercise in the Treatment of Disruptive Behavior.* Invited address delivered at the Young Adult Institute's 13th Annual International Conference.
215. Allison, D. B., Heshka, S., & Heymsfield, S. B. (May, 1992). *The Independent Effects of Age on Metabolic Rate: A "Mini-Meta-Analysis."* Paper presented to the American Society of Clinical Nutrition.
216. Gerace, L., Russell, M., Aliprantis, A., Wang, J., Pierson, R. N., Baumgartner, R., Allison, D. B., & Heymsfield, S. B. (May, 1992). *Differences in Bone Mass and Skeletal Linear Dimensions Between Black and White Men.* Paper presented to the American Society for Clinical Nutrition.
217. Allison, D. B. (April, 1992). *A Note on The Selection of Control Groups and Control Variables in Comorbidity Research.* Paper presented at the Fifth International Conference on Eating Disorders.
218. Allison, D. B., Heshka, S. & Heymsfield, S. B. (April, 1992). *Counting Calories? - Caveat Emptor.* Short paper presented at the Society for the Study of Ingestive Behavior Annual Meeting at the Meeting of The Eastern Psychological Association.
219. Allison, D. B., Silverstein, J. M., & Galante, V. (April, 1992). *Relative Effectiveness and Cost-Effectiveness of Cooperative, Competitive, and Independent Monetary Incentive Systems for Improving Staff Performance.* Paper presented to the Eastern Psychological Association.
220. Allison, D. B., & Heshka, S. (April, 1992). *Emotionality and Eating Among the Obese?: A Critique.* Paper presented to the Eastern Psychological Association.
221. Allison, D. B. (March, 1992). *Upper versus Lower and Central versus Peripheral as Distinct Components of Body Fat Distribution.* Paper presented to the Society for Behavioral Medicine.
222. Murphy, C. M., Babbitt, R. L., Allison, D. B., & Patterson, H. L. (March, 1992). *The Prevalence and Characterization of Obesity Among Children with Developmental Disabilities*

- Compared to Nondevelopmentally Disabled Controls. Paper presented to the Society for Behavioral Medicine.
223. Allison, D. B., & Franklin, R. D. (November, 1991). *The Readability of Three Measures of Dietary Restraint*. Paper presented at the annual meeting of the Association for the Advancement of Behavior Therapy.
  224. Allison, D. B., Murphy, C. M., Babbitt, R. L., & Patterson, H. L. (October, 1991). *Adiposity Amongst The Mentally Retarded*. Paper presented at the annual conference of the American Association of University Affiliated Programs.
  225. Franklin, R. D., Fisher, W. F., & Allison, D. B. (1991, August). *Reinforcer Assessment: A Twenty-Five Year Retrospective*. Paper presented to the American Psychological Association.
  226. Franklin, R. D., & Allison, D. B. (1991, August). *Violent Crime and Substance Abuse Among North Carolina Prisoners, 1989*. Paper presented to the American Psychological Association.
  227. Allison, D. B., & Franklin, R. D. (1991, June). *Opiate Peptides: Their Putative Role in the Pathogenesis and Treatment of Obesity*. Paper presented to the American Psychological Society.
  228. Burke, J. B., Summers, J. A., Lynch, P. S., & Allison, D. B. (1991, June). *Treating a disrupted sleep phase disorder in a nine-year old boy with Angelman Syndrome*. Paper presented to the American Psychological Society.
  229. Alfonso, V. C., Allison, D. B., & Dunn, G. M. (1991, June). *The Development of The Extended Satisfaction With Life Scale*. Paper presented at the first annual meeting of the American Association for Applied and Preventive Psychology, Washington, DC.
  230. Allison, D. B., Burke, J. C., & Silverstein, J. M. (1991, May). *Scaling the Acceptability of Behavior Decelerative Procedures: Perceptions of Psychologists and Psychology Interns Working With Developmentally Disabled Persons*. Paper presented at the annual meeting of the Association for Behavior Analysis.
  231. Allison, D. B. (1991, May). *Antecedent Exercise in the Treatment of Disruptive Behavior: A Meta-analytic Review*. Paper presented at the annual meeting of the Association for Behavior Analysis.
  232. Allison, D. B., & Silverstein, J. M. (1991, May). *Scaling aversiveness of behavior decelerative procedures: Perceptions of staff working with developmentally disabled persons*. Paper presented to the American Academy on Mental Retardation.
  233. Allison, D. B. (1991, April). *Four Paradigms, Five Procedures, and Three Purposes for Assessing The Stability of Cluster Analysis Solutions*. Paper presented at the Annual Meeting of the Eastern Psychological Association.
  234. Allison, D. B., & Heshka, S. (1991, March). *Toward an Empirically Derived Typology of Obese Persons: Derivation in A Patient Population*. Paper presented to the Society for Behavioral Medicine.
  235. Allison, D. B., & Heshka, S. (1991, March). *Toward an Empirically Derived Typology of Obese Persons: Replication in A Divergent Sample*. Paper presented to the Society for Behavioral Medicine.
  236. Allison, D. B., & Gorman, B. S. (1991, February). *Calculating and Estimating Effect Sizes from Between Group, Within Group, and Single Case Designs for Meta-analysis*. Paper presented at the annual meeting of the American Association for the Advancement of Science, Washington DC.
  237. Allison, D. B., & Franklin, R. D. (1991, February). *The Association Between Carbohydrate Craving and History of Depression and Anxiety: Support for Serotonergic Involvement*. Paper presented to the American Association for the Advancement of Science.

238. Allison, D. B., Basile, V. C., & McDonald, R. B. (1990, October). *The Comparative Effects of Antecedent Exercise and Lorazepam on Aggressive Behavior in an Autistic Man*. Paper presented at the meeting of the New England Psychological Association, Worcester, MA.
239. Allison, D. B. (1990, July). *Is OBM Needed in The Developmental Disabilities Field? Some Ongoing Research*. Invited address delivered at the Regional Symposium of the New York State Association for Behavior Analysis.
240. Allison, D. B., Lee, M. J., & Gorman, B. S. (1990, May). *Dimensionality of Punishment: Exploratory Inquiry into the Perceptions of Professionals Working with Disturbed Children*. Paper presented at the meeting of the Association for Behavior Analysis, Nashville, TN.
241. Allison, D. B., & Silverstein, J. M. (1990, May). *Quantifying Treatment Aversiveness: An Empirical Approach*. Paper presented at the meeting of the Association for Behavior Analysis, Nashville, TN.
242. Allison, D. B., & Silverstein, J. M. (1990, August). *Scaling Aversiveness of Decelerative Procedures*. Paper presented at the meeting of the American Psychological Association, Boston, MA.
243. Alfonso, V. C., Allison, D. B., & Dunn, G. M. (1990, February). *The Relationship Between Sexual Fantasy and Satisfaction: A Multidimensional Analysis of Gender Differences*. Paper presented to the American Association of Sex Educators, Counselors and Therapists, Arlington, VA.

### ***Classroom Teaching Experience***

University of Alabama at Birmingham, Birmingham, AL

Professor

2007

Co-designed, co-led, and lectured in course on statistical methods for students enrolled in UAB's Howard Hughes Medical institute training program with Drs. Dimmit and Tiwari as co-directors.

St. John's University, Queens, NY

Adjunct Assistant Professor

Jan. 1992 - June 1992

Taught graduate course in Multivariate Statistics for psychology Ph.D. candidates.

Hofstra University, Hempstead, NY

Adjunct Faculty

Jan. 1990 - August 1990

Taught undergraduate courses in Social, Adolescent, and Introductory Psychology.

Nassau Community College, Garden City, NY

Adjunct Faculty

May 1990 - July 1990

Taught undergraduate courses in Introductory Psychology.

St. John's University, Queens, NY

Adjunct Faculty

Jan. 1990 - May 1990

Taught undergraduate course in Tests and Measures.

### ***Clinical Experience***

PLUS Group Homes, Westbury, NY  
Applied Behavior Specialist Aug. 1988 - April 1990

Developed and implemented behavior modification programs for autistic/retarded adults living in residential units. Designed and implemented staff training and organizational behavior management systems. Initiated research program. Performed psychological evaluations.

Astor Child Guidance Center, Bronx, NY  
Intern Psychologist Sept. 1988 - Aug. 1989

Provided group and individual therapy to severely emotionally disturbed children and their families in a day treatment hospital. Provided consultation to classroom teachers in the shaping of classroom behavior through operant procedures.

Farmingdale School District, Farmingdale, NY  
Intern Psychologist Sept. 1987 - June 1988

Provided psychological and educational evaluations and counseling for elementary and junior high school students.

Mercy Hospital Community Residence, Wantagh, NY  
Mental Health Assistant Sept. 1987 - Aug. 1988

Assisted out-patients with histories of major mental disorders in adapting to life outside a hospital, maintaining a home, and becoming integrated into the community.

St. Francis Hospital, Roslyn, NY  
Psychiatric Assistant Sept. 1986 - Oct. 1987

Assisted psychiatric staff in providing care and therapy for adult in-patients with acute mental disorders.

Blueberry Treatment Center, Brooklyn, NY  
Child Care Worker July 1985 - Aug. 1986

Responsible for primary care, counseling, and therapeutic intervention with severely disturbed children ages four to seventeen.

Physician's Weight Loss Center, Hicksville, NY  
Behavior Therapist Sept. 1985 - March 1986

Provided group and individual counseling, behavior modification lectures, and psychological screenings for massively and morbidly obese adult outpatients.

Lifeline Center For Child Development, Queens, NY  
Substitute Teacher April 1986 - June 1986

Assumed teacher responsibilities for emotionally disturbed children of various ages.

### ***Continuing Education***



- Since completing doctoral studies, I have participated in the following formal continuing education activities:
- August, 1991 - Attended one day training seminar in structural equation modeling through the American Psychological Association. Instructor: Rex Klein.
- September, 1991 - Attended two week course in statistical methods for the analysis of twin and family data for quantitative genetic studies. Instructors included Karl Joreskog, Lindon Eaves, and Michael Neale.
- November, 1991 - Attended one half day training seminar in structural equation modeling through the Association for the Advancement of Behavior Therapy. Instructor: Peter Bentler
- March, 1992 - Attended one day training seminar in categorical data analysis sponsored by the Biometric Society, Eastern North American Region. Instructor: Alan Agresti.
- May, 1993 - Attended one week training seminar in advanced statistical methods for the analysis of twin and family data for quantitative genetic studies. Instructors included Lindon Eaves, Michael Neale, and David Fulker.
- January, 1995 - Attended four day training seminar in *Enhancing Research Methodology & Grantsmanship Skills in Minority Research*. Sponsored by the National Center for Health Statistics.
- March, 1995 - Attended four day training seminar in genetic methods for medical researchers at Duke University. Instructors included Margaret Pericak-Vance, Jonathan Haines, and David Goldgar.
- May, 1995 - Attended one day workshop *Accelerating Gene Discovery & Mutation Detection. Breakthroughs in Human Genetics and Disease Research*. Hosted by Perkin Elmer. Instructors included Jay B. Lichter, Kenneth K. Kidd, and David Goldman.
- June, 1995 - Attended one week (5 day) workshop *Introduction to Human Genetic Linkage*. Hosted by Columbia University. Instructors included Jurg Ott and Lodewijk Sandkuyl.
- July, 1995 - Attended two week course in *Medical and Mammalian Genetics*. Hosted by the Jackson Laboratory. Instructors included Victor McKusik, John Phillips, and Deborah Meyers.
- August, 1995 - Attended half-day course in *Structural Equation Modeling*. Hosted by the American Psychological Association. Instructor was James Arbuckle.
- January - February, 1996 - Completed "bursary" visit with Drs. Nicholas Schork and Robert Elston at Case Western Reserve University and studied Statistical Genetics.
- March, 1996 - Attended 5-day workshop on Genetic Analysis of Twin & Family Data hosted by the Institute for Behavior Genetics at Boulder Colorado. Instructors included David Fulker, Michael C. Neale, Lindon Eaves, & Joanne Meyer.
- April 1996 - Attended 2 day video training course (10 hours) on Survival Analysis, sponsored by the American Statistics Association. Instructors were David Cox and David Oakes.
- June, 1996 - Attended 1 week course on Statistical Methods for the Analysis of Complex Diseases at Cold Spring Harbor Laboratory. Primary course instructor was Neil Risch.
- July, 1996 - Attended 1 day course on Multiple Comparisons - Theory and Practice. Instructors included Yosef Hochberg and Dror Rom.
- September, 1996 - Attended 1 day workshop on *Meta-Analytic Methods* sponsored by the American College of Epidemiology. Instructors were Kay Dickerson and Steven Goodman.
- May, 1998 - Attended 5-day course in *Statistical Methods for Genetic Epidemiology* at the University of Montreal. Instructors were: Ken Morgan, Robert Elston, Ellen Wijsman, Elizabeth Thompson, Alice Wittemore, and Bruce Weir.
- Sept 1999 -- Attended two-day course in *Nutrition and Aging XIV: Nutritional Syndromes in the Elderly* at the Excelsior Hotel in Little Rock AR. Sponsored by the University of Arkansas College of Medicine. (11.75 hours of AMA PRA category 1 credit)

- May, 1999 - Attended 3-day course in *Statistical Analysis for Genetic Epidemiology* in Baltimore, MD. Instructors were: Robert Elston, Jane Olson, Kevin Jacobs, Audrey Schnell.
- January, 2003 – Attended 1-week course on Bayesian statistics at the University of Texas, Houston. Instructors included: Donald Berry, Bradley Carlin.

Although not specifically labeled training seminars or workshops, I regularly attend a variety of obesity, genetic, statistical, and psychological conferences and meetings.

## EDITORIAL & REFEREEING EXPERIENCE

### Editorships

#### **Obesity & Nutrition Related Journals**

- Statistical Editor for *International Journal of Obesity*, 2010 – present.
- Associate Editor of *Obesity*, 2007 – present.
- Associate Editor of *American Journal of Clinical Nutrition* (AJCN), 2013 – present.
- Regional Editor for the Americas for *Clinical Obesity*, 2010 – 2011, Editorial Board member, 2012 - present.
- Editorial Board Member for:
  - *American Journal of Clinical Nutrition*, 2003 - 2004.
  - *Global Epidemic Obesity Journal*, 2013 – present.
  - *International Journal of Eating Disorders*, 1998 - 2005.
  - *International Journal of Obesity*, 2000 - 2006.
  - *ISRN Obesity*, 2012 - present.
  - *Journal of Diabetes Research and Clinical Metabolism*, 2011 – present.
  - *Journal of Obesity*, 2009 – present.
  - *Nutrients*, 2009 – 2011.
  - *Nutrition Today*, 1998 - present.
  - *Obesity Reviews*, 2000 - present.
  - *ISRN Nutrition*, 2012 - present
- Honorary Editorial Board Member for *Journal of Nutrition and Dietary Supplements*, 2009 - present.
- Contributing Editor for *Nutrition Reviews*, 2002 – 2006.
- Co-edited special issue of *Nutrition* on Nutrigenomics, January, 2004.
- Guest Associate Editor for *Obesity*, 2007.

#### **Genetic Journals**

- Founding Editor-in-Chief (aka Field Chief Editor), *Frontiers in Genetics*, 2010 – present.
- Associate Editor for *PLOS Genetics*, 2005 – present.
- Associate Editor for *Behavior Genetics*, 2005 – 2011.
- Associate Editor of *Human Heredity*, 2002 – 2011.
- Editorial Advisory Board Member for *Recent Patents on DNA & Gene Sequences*, 2008 - 2011.
- Editorial Advisory Board member of *Behavior Genetics*, 2000 – 2005.
- Co-edited special issue of *Behavior Genetics* on the Genetics of Obesity, August, 1997.

#### **Statistical Journals**

- Associate Editor for *Computational Statistics and Data Analysis*, 2003 - 2011.

- Co-edited special issue of *Computational Statistics & Data Analysis* on Statistical Genetics, 2009.
- Co-edited special issue of *Statistics and Its Interface* on Statistical Genetics, 2011.

### **Other Journals**

- Editorial Board Member for *European Journal of Clinical Investigation*, 2009 - present.
- Editorial Board Member for *Journal of the American Aging Association*, 2004 – present.
- Honorary Editorial Board Member: *Evidence-Based Preventive Medicine*, 2003 – present.
- Honorary Editorial Board Member for *Journal of Clinical Pharmacology: Advances and Applications*, 2009 - present.
- Editorial Board Member for *The Open Access Journal of Science and Technology*, 2012 – present
- Associate Editor for *PeerJ*, 2012 – present.

### **Journal & Book Reviewing**

- *Acta Physiologica Scandinavica* – 1997.
- *American Journal of Clinical Nutrition* – 1997-1998, 2000, 2002-2003, 2007, 2009, 2011.
- *American Journal of Epidemiology* – 1997-1999.
- *American Journal of Human Genetics* – 1997-2003.
- *American Journal of Medicine* – 1997-1998.
- *American Journal of Physiology* – 2000.
- *American Journal of Psychiatry* – 2000.
- *American Journal of Public Health* – 1994, 1999.
- *Annals of Epidemiology* – 2004.
- *Annals of Internal Medicine* – 1998-2001, 2003.
- *Appetite* - 1992, 1994, 1996.
- *Archives of Internal Medicine* – 2001.
- *Behavior Modification* - 1993-1994.
- *Behavior Genetics* – 1998-2001.
- *Behaviour Research and Therapy* - 1993.
- *Biometrics* – 2005-2006.
- *British Journal of Nutrition* – 2013.
- *British Medical Journal (Open)* – 2011.
- *Children and Youth Services Review* - 1991.
- *Clinical Obesity* – 2011.
- *Computational Statistics & Data Analysis*, 2002-2004.
- *Current Medical Research & Opinion*, 2011.
- *Diabetes* – 2000.
- *Encyclopedia of Dietary Supplements*, 2004.
- *Ethnicity & Disease* – 2000.
- *Genetic Epidemiology* – 1996-1999.
- *Genetics* – 2000-2001.
- *Human Genetics* – 2009.
- *Human Heredity* – 1999-2004.
- *Human Molecular Genetics* – 1997-1998.
- *International Journal of Body Composition Research* – 2007.
- *International Journal of Eating Disorders* - 1995-2001, 2003.
- *International Journal of Obesity* - 1992-2005, 2009, 2011-2013.
- *Journal of the American Medical Association* – 1998-2013.
- *Journal of the American Statistical Association* – 2006.
- *Journal of Applied Behavior Analysis* - 1991, 1996.

- *Journal of Applied Physiology* - 1994-1997.
- *Journal of Clinical Epidemiology*, 2000.
- *Journal of Clinical Endocrinology & Metabolism* – 1996, 1998.
- *Journal of Clinical Psychiatry* – 2000, 2006.
- *Journal of Consulting and Clinical Psychology* - 1992.
- *Journal of Gerontology* – 1998-1999.
- *Journal of Nutrition Education* - 1994.
- *Journal of Pediatrics*, 2002.
- *Lancet*, 2012
- *Measurement and Evaluation in Counseling and Development* - 1992.
- *Medicine and Science in Sports & Exercise* – 1995-1997.
- *Nature* – 2004.
- *Nature Biotechnology* – 2009-2011.
- *Nature Cell Biology* – 2004-2005.
- *Nature Communications* – 2011-2012.
- *Nature Genetics* – 2003-2007.
- *Nature Methods* – 2009-2010.
- *Neuropsychiatric Genetics* – 2004.
- *New England Journal of Medicine*, 2008-2010, 2012.
- *Obesity Facts* - 2010
- *Obesity Research* [now *Obesity*] - 1994-2001, 2004, 2006.
- *Obesity Reviews* – 2000 – 2004, 2009-2013.
- *Perceptual & Motor Skills/Psychological Reports* – 1991, 1997.
- *Physiological Genomics* – 2000, 2003.
- *PLoS Genetics* – 2005-2006.
- *PLoS One* – 2007, 2009.
- *Proceedings of the National Academy of Sciences* – 2004, 2007, 2009.
- *Psychological Assessment* - 1992.
- *Psychological Bulletin* – 1994.
- *Psychological Methods* – 1997-2001.
- *Science* – 2003-2007, 2012.
- *Surgery for Obesity and Related Disorders (SOARD)* – 2006, 2007.
- *Statistics in Medicine* – 2005-2006.

#### **Grant, Conference, & Other Reviewing (selected)**

- **1990.** Served on Selection Committee for television entries for the American Association for the Advancement of Science - Westinghouse Science Journalism 1990 Awards.
- **1992.** Proposal Reviewer for the American Psychological Society's 1992 Convention.
- **1992.** Reviewer of grants-in-aid proposals for the Organizational Behavior Management Network's small grants program, 1992.
- **1993-1995.** Book proposal reviewer for American Psychological Association (1993) and Lawrence Erlbaum Publishers (1994), and Johns Hopkins press (1995).
- **1994.** Proposal Reviewer for the American Psychological Association's 1994 Convention (Division 5) and 1998 convention (Division 38).
- **1995.** Grant reviewer for the University of Colorado's Center for Research in Clinical Nutrition's Pilot and Feasibility Program (1995).
- **1995-2000.** Grant reviewer for the New York Obesity Research Center's Pilot and Feasibility Program (1995; 1999, 2000);
- **1995-2000.** Grant reviewer for the Wellcome Trust (1995, 1998, 2000);
- **1996.** Proposal Reviewer for the Society of Epidemiological Research Convention, 1996.
- **1997-1998.** Grant reviewer for the United Soybean Board (1997-1998);
- **1999 – present.** Chair of the United Soybean Board's grant review committee 1999 – present.

- **1999.** Grant reviewer for the Austrian *Fonds zur Förderung der wissenschaftlichen Forschung* (1999).
- **1999-2002.** Grant reviewer for the International Life Sciences Institute Future Leader's Award (1999 - 2002)
- **2000.** Ad hoc reviewer for **NIH** Cardiovascular Disease Study Section (2000).
- **2000.** Ad hoc reviewer for **NIH** Nutrition Study Section (2000).
- **2000.** Grant reviewer for the Wellcome Trust & Juvenile Diabetes Foundation Joint Funding Program (2000).
- **2001 – 2002.** Grant reviewer for the University of Alabama at Birmingham's Clinical Nutrition Research Center pilot & feasibility grants program (2001 - 2006).
- **2001.** Special Study Section Reviewer for National Institute of Aging RFA on Caloric Restriction studies. August, 2001.
- **2002.** Grant reviewer for Genome Canada, a not-for-profit corporation established through funding from the federal government of Canada (2002).
- **2002-2005.** Grant reviewer for the University of Alabama at Birmingham's Comprehensive Cancer Center pilot & feasibility grants program (2002 - 2005).
- **2003-2005.** Reviewer for UCLA's Clinical Nutrition Research Unit's pilot & feasibility grants program (2003 – 2005).
- **2004.** Ad hoc reviewer for the NIH Look AHEAD study's ancillary projects program (2004).
- **2004.** Grant proposal reviewer for National Science Foundation CAREER proposal.
- **2004.** Grant proposal reviewer for National Science Foundation *FIBR* proposal, 2004.
- **2004.** Reviewer for the University of South Carolina's intramural research promotion grants (2004).
- **2004-2005.** Special Emphasis Panel reviewer for National Institutes of Health (ZMH1-NRB-G-12 and ZMH1-ERB-P) for applications proposing Schizophrenia Treatments and Treatment Related to Aging, 2004 and 2005.
- **2005.** Ad hoc reviewer for **NIH** Endocrinology, Metabolism, Nutrition and Reproductive Sciences IRG (2005).
- **2008.** Evaluator/Reviewer for National Award Program for Creativity – 2008.
- **2009.** Chair of NIH (NIDDK) Special Study Section for R24 grant review 11/16/2009.
- **2009.** Grant reviewer for the Clinton Foundation and the Solae Company for proposals to develop novel ready to use therapeutic foods for developing countries - 2009.
- **2009.** Grant reviewer for UAB's Minority Health Research Center – 2009.
- **2009.** Reviewer for National Institutes of Health Challenge Grants - June, 2009.
- **2010.** Ad hoc reviewer for NIH's Bioengineering Sciences and Technology Integrated Review Group for the National Centers for Biomedical Computing (NCBC), 2010.
- **2010.** Ad hoc statistical reviewer/advisor to the Molecular Genetics B Study Section [MGB], 2010, National Institutes of Health
- **2010.** Grant proposal reviewer for National Science Foundation regular grant 2010.
- **2011.** Evaluator/Reviewer for National Award Program for Creativity – 2011.
- **2012.** Peer Reviewer for Croucher Foundation, Hong Kong.
- **2012.** Nominator for National Award Program for Creativity.
- **2012.** Evaluator/Reviewer for National Award Program for Creativity – 2012.
- **2012.** Reviewer for NIH Pioneer Award applications.
- **2013.** Reviewer for Institute of Medicine on *Consequences of Sodium Reduction in Populations*.
- **2013.** Reviewer for Institute of Medicine - *Draft on Taking Action in Evaluating Progress of Obesity Prevention Efforts*.
- **2013.** Reviewer for NIH Loan Repayment Plan applications.

- Chair of UAB School of Public Health Committee to Increase Enrollment in Masters Programs, 2005 – 2006.
- Chair of UAB School of Public Health Research Advisory Council, 2005 – present.
- Chair of UAB's Council of Center Directors – Chair in 2010, Chair-Elect in 2009.
- Co-Director, Genetic Core of Minority Health and Research Center, 2002 - 2005.
- Member of committee to review applications for University-Professors (a special honorific designation within UAB) - 2008.
- Member of internal advisory committee for Dr. Suzanne Oparil's post-doctoral training program in CVD biology.
- Member of Search Committee for Comprehensive Cancer Center Director, 2005-2007.
- Member of Search Committee for Department of Epidemiology faculty, 2004 - present.
- Member of Search Committee for UAB's Associate Dean for Postdoctoral Education, 2006 -2007.
- Member of Search Committee for UAB's Comprehensive Cancer Center Director, 2005 - 2007.
- Member of Search Committee for UAB's Comprehensive Diabetes Center Director, 2009 - Present.
- Member of Search Committee for UAB's Department of Nutrition Sciences Department Chair, 2001-2002.
- Member of Search Committee for UAB's Department of Nutrition Sciences Endowed Webb Chair, 2008 - 2009.
- Member of Search Committee for UAB's Department of Nutrition Sciences, 2003-2004.
- Member of Search Committee for UAB's School of Public Health Associate Dean, 2003 – 2004.
- Member of the Executive committee of the Center for Nutrient Genome Interaction, 2003 - present.
- Member of the Executive committee of the Heflin Center for Human Genetics, 2002 - present.
- Member of the Leadership Committee of the NIH-Funded Diabetes Research and Training Center, 2008 - present.
- Member of the Steering Committee of the UAB Comprehensive Diabetes Center, 2008 - present.
- Member of the UAB School of Public Health Faculty Affairs Committee, 2001 - 2003.
- Member of UAB University-Wide Office of Grants & Contracts Oversight Committee, 2003 - 2005.
- Member of UAB's Comprehensive Cancer Center Institutional Research Grant Committee, 2001 – 2004.
- Member of UAB's University-Wide Research Advisory Group, 2005 – present.

#### ORGANIZATIONAL AFFILIATIONS & APPOINTMENTS

- Association for Advancement of Behavior Therapy (AABT).
- American Association for the Advancement of Science (AAAS), 1989 – present.
  - Elected as Fellow, 2009.
- American College of Nutrition, Elected as Fellow, 2006.
- American Diabetes Association (ADA)
- American Heart Association (AHA), 2006 – Present
- American Psychological Association (APA)
  - Member of Division 38 - Health Psychology

- Member of Division 5 - Measurement & Statistics
- American Public Health Association (APHA)
- American Society for Human Genetics (ASHG)
- American Society of Nutrition (ASN) (formerly American Society for Clinical Nutrition (ASCN))
  - Elected Member of Nominating Committee, 2003.
  - Member of Education/Mentoring awards nominating committee – 2008-2009
  - Member of Graduate & Continuing Education Committee – 2008-2009.
  - Member of the Public Policy/Public Information Awards Nominating Committee for 2010.
  - Elected to the Nutritional Sciences Council's Executive committee as NSC *Human Nutrition Representative*, 2013. Term: June 2013 through May 2015.
- **American Statistical Association (ASA)**
  - Member of the executive board of the New York Metropolitan chapter of the American Statistical Association - 1995 to 1999.
  - Elected as Fellow, 2007.
- Association for Women in Science (AWIS)
- Behavior Genetics Association (BGA)
- Classification Society of North America (CSNA)
- Eastern Psychological Association (EPA) – membership not current.
- Gerontological Society of America (GSA)
- Human Genome Organization - (HUGO)
- Biometric Society - Eastern North American Region (ENAR)
- Institute for Mathematical Statistics (IMS)
- Institute of Medicine (IOM)
  - Elected to membership in 2012
  - Appointed Planning Committee Member - Interest Group (IG) 12 on Nutrition, Diabetes, and Obesity. – Dec 2012 – Nov 2013.
  - Appointed Chair the IOM Interest Group (12) on Nutrition, Diabetes, and Obesity, beginning on 11/1/13 for a two year term.
- Mathematical Association of America (MAA)
- The Obesity Society (formerly NAASO)
  - Chair of Public Relations subcommittee to develop *Media Guide to Contact People and Consultants* ~1992.
  - Member of Publications Committee October 1996 - 1997.
  - Elected Member of Nominations Committee 1996 – 1997.
  - Elected to NAASO Council May, 1995. Served on council from October 1995 through August, 1998.
  - Elected as Secretary/Treasurer of NAASO August, 1998. Served from August 1998 through October, 2001.
  - Served on a special Public Affairs Task Force to provide information regarding dietary supplements for weight loss to the U.S. General Accounting Office (GAO) – 2002.
  - Track co-leader for the Population Studies track of the 2003, 2004, and 2005 annual meetings.
  - Elected Member of Nominations Committee 2005-2006.
  - Elected and served as Vice President 2006-2007.
- New York Academy of Science (NYAS)

- Society of Behavioral Medicine (SBM).
- Society for Epidemiologic Research (SER)
- Society for Public Health Education (SOPHE)
- Society for the Study of Ingestive Behavior (SSIB)
- TED – Ideas Worth Spreading (TED)

## CONFERENCE & WORKSHOP ORGANIZATION

- Primary organizer of an international Advanced Research Workshop ( $\approx$ 150 participants) sponsored by the North Atlantic Treaty Organization (NATO) and the National Institute of Diabetes Digestive & Kidney Diseases, *Obesity Treatment: Establishing Goals, Improving Outcomes, and Reviewing the Research Agenda*, held June 3-5, 1993.
- Chair (with F. Xavier Pi-Sunyer) of a two-day meeting ( $\approx$ 200 participants) sponsored by the American Association for the Advancement of Science (AAAS), *Current Status of Scientific and Clinical Progress in Human Obesity* in February, 1993.
- Chair of the organizing committee for the NAASO-sponsored and NIDDK-funded conference ( $\approx$ 120 participants) *Advancing the Genetics of Obesity: Strategies & Methods* held July, 1997.
- Co-Chair with David Harrison of Genetics Committee of National Institute of Aging Conference on Application of Caloric Restriction Research to Humans, March, 1999.
- Elected Vice-Chair (with Michael Jensen, Chair) of 2001 FASEB summer conference on *Obesity & Energy Metabolism*.
- Vice Chair of the year 2000 annual meeting of the International Life Sciences Institute (ILSI) and Chair of the year 2001 annual ILSI meeting.
- Serve on the International Advisory Committee for the 2002 9<sup>th</sup> International Congress on Obesity in Brazil as the “International Expert” for the Track on *Genetics Of Obesity*.
- Chair (with Drs. Arlen Price and Anthony Comuzzie) of the first meeting for a putative consortium of human obesity gene mappers titled ‘*Adi-Map*’ *Obesity Gene Mapping Collaborative Project: Are we ready?* Sponsored by the National Institute of Diabetes Digestive, and Kidney Diseases, July 14, 2000.
- Co-Leader (with June Stevens and Anthony Comuzzie) of Population Studies & Public Health Track of the 2003, 2004, and 2005 annual meetings of the North American Association for the Study of Obesity.
- With Dr. Jose Fernandez in the lead, I organized a 1-day workshop on UAB’s campus regarding genetic admixture studies (see: <http://mhrc.dopm.uab.edu/MHRC%20Genetic%20Admixture%20Workshop.pdf>).
- Primary organizer and PI of NIH R13 grant for 2-day conference on *Design, Analysis, Interpretation of Randomized Clinical Trials In Obesity* held in Newark, NJ, Dec 4-5, 2006. For details, see: <http://main.uab.edu/Shrp/Default.aspx?pid=97738>.
- Primary organizer and host of NIH (NIA) sponsored 2-day workshop on *Statistical Methods for Longitudinal Data on Aging Workshop* held in Bethesda, Maryland, June 13-14, 2007.
- Primary organizer and PI of NIH R13 grant for 2-day conference on *Body Weight, Adiposity, Energetics, and Longevity* held on St. Simons Island, Nov 29-30, 2007. For details, see: <http://main.uab.edu/Shrp/Default.aspx?pid=100248>



- Principal UAB organizer of 3-day 2<sup>nd</sup> annual Southern Obesity Summit held in Birmingham, AL, Nov 9-11, 2008. For details, see: <http://www.southernobesitysummit.org/>.
- Member of committee on statistics for World Congress on Genetics Applied to Livestock Production (WCGALP), 2012-2013.

#### MENTORSHIP ACTIVITIES *(see also leadership activities section)*

- Mentor for American Heart Association Minority Mentoring Program, 2009 - present.
- Selected as a mentor for the Mentored Experiences in Research, Instruction, and Teaching (MERIT) Program, an NIH-funded Institutional Research and Academic Career Development Award (K12) from the Division of Minority Opportunities in Research (MORE) at NIGMS. It is facilitated through the partnership of UAB, Miles College (Fairfield, AL), and Stillman College (Tuscaloosa, AL). The primary goal of the MERIT Program is to provide postdoctoral scholars with outstanding research and teaching experiences while improving the recruitment of underrepresented minorities into the field of biomedical research, 2010-Present.
- Served on Doctoral Dissertation Committees for students at UAB, Columbia University Teachers' College, Hofstra University, Rutgers University.
- Masters thesis advisor to Masters students at Columbia University and New York University.
- Pre-examiner for doctoral dissertation of Minna Oman from the University of Helsinki, 2001.
- Scientist participant in *Science-By-Mail*, a science correspondence program with fourth grade children, 1992-93
- Mentor in New York Academy of Science's summer student internship program, 1992-1998. Co-Mentor, 1999-2001. Supervised high school students in research projects.
- Supervise/mentor high school interns from LaGuardia High School for Gifted Students, 1994-1996.
- Supervise/provide research experience to numerous masters and Ph.D. students from Fordham University.
- Internship supervisor of doctoral student in health psychology from Ferkauf College at Albert Einstein College of Medicine, 1995-1996.
- A UAB post-doctoral fellow I have helped, Dr. Xuxia Wu, won an award for our collaborative work: Wu X, Wang J, Allison DB, Garvey WT. (2004) Muscle response to insulin is impaired in diabetic humans, in association with a defect in signaling pathway. Presented at the University of Alabama at Birmingham's 2004 Annual Center on Aging Meeting in September. UAB Center of Aging Abstract Winner.
- UAB Dept of Medicine Junior Faculty Mentoring Program led by Lisa M. Guay-Woodford, M.D., Director, Division of Genetic and Translational Medicine. As of Spring 2007, serving as one of three Scholar Advisory Committee (SAC) members for John Hartman MD, Asst Prof of Genetics, 2007 – present.
- Mentor for the NHLBI eMentoring Initiative, 2010 – present.
- Registered Mentor for the National Alliance for Doctoral Studies in the Mathematical Sciences, an alliance between a group of proven mentors in math sciences departments at several Ph.D. and master's granting universities together with mentors at math science departments at colleges and universities which serve a substantial number of underrepresented undergraduate students, 2009 - Present.

A (non-exhaustive) Listing of Individuals Mentored Appears Below:

Trainee	Topic of Study	Program	Dates of Training	Outcomes and/or Last known position
<b>High School Students</b>				
Angelique Fournier	Social & Ethnic Influences on Obesity	NY Academy of Science Summer Internship program for Gifted High School Students	1992	One peer-reviewed paper.
Orlando Valazco	Estimating weight loss success.		1993	Completion of high school and entry into college.
Rachel Weber	Estimating weight loss success.		1993	
Denise Sanchez	Obesity & Mortality Rates		1995	
Diana Townsend-Butterworth	Obesity & Mortality Rates		1997	One peer-reviewed paper. Completed B.A. at Harvard University and MBA at University of Pennsylvania.
Adwoa Dadzie	Obesity & Mortality Rates		1998	Completed Bachelor's at Trinity College and Master's at NYU. Currently employed by Nestle.
Jessica Singleton	Alternative Medicine & Obesity		1999	Completed bachelor's in honors cognitive neuroscience program at Harvard. Currently research assistant at Columbia University.
Kristen Jozkowski <sup>1</sup>	Genetics of Food Intake		2000	Participant and finalist in several high school science fairs. Regional finalist in the U.S. Intel "Science and Engineering" Competition. Assistant Professor of Community Health Promotion Health, Human Performance and Recreation, University of Arkansas.
<b>Undergraduate Students</b>				
Meredyth Kravitz	Obesity and self-esteem	Undergraduate Summer Volunteer	1997	One peer-reviewed paper; Obtained PsyD degree from Albert Einstein-Yeshiva University. Currently psychologist at the Manhattan Learning Center of the Jewish Board of Family and Children's Services.
Judy Liu	General Research	Student Assistant	1996	Adjunct faculty at Florida Institute of Technology. Teaches Medical Ethics. Currently Director, Marketing at GlaxoSmithKline
Ankur Moondan	Statistical Methods for Power Analysis	Summer Intern from India	2008	One peer-reviewed paper published.
Giulianna Murati	Obesity and Genetics	Minority summer intern collaboration with University of Puerto Rico	2009	One peer-reviewed paper published. As of 2013, attending Ross University School of Veterinary Medicine.
<b>Post-Baccalaureate Students</b>				
Elizabeth Manibay	Obesity	Ph.D. program in Psychology at CUNY Baruch College	1996	One paper published in peer-reviewed journal; Received NIH minority supplement grant. Currently Managing Director, Business Consulting at Charles Schwab Advisor Services.
Ming Infante	Statistical Genetics and obesity	Post-baccalaureate pre-med program, Columbia University	1998 – 1999	Three peer-reviewed papers. Currently getting Executive Master's at Cranfield University.
Nathaniel Berman	Pediatric Obesity	Pre-Med program, Columbia University	1998 – 1999	One peer-reviewed paper in <i>Pediatrics</i> . Currently Assistant Professor in Medicine, Weill Cornell Medical College.
<b>Master's Students</b>				

<sup>1</sup> Jointly mentored with Myles Faith.

Trainee	Topic of Study	Program	Dates of Training	Outcomes and/or Last known position
Dennis Sepulveda	Obesity in Down Syndrome	Master's Program at Columbia in Nutrition	1993	Two published papers. Received award for outstanding achievement by employee of Sanofi Pharmaceuticals.
Jennifer L. Kraker	Meal Replacement formulae for obesity treatment.		2000 – 2001	Two papers published. Winner of 2005 scholarship from the American Society of Clinical Nutrition for an internship in nutrition and medicine. Completed MD training. Currently practicing psychiatrist.
Paula Iocova	Obesity	Extern from Psychology Masters program at Fordham University	1995 – 1996	Successful application to Ph.D. program.
Tapan Mehta	Analysis of microarray data.	M.S. Student in Engineering at UAB. Now PhD mentoree at UAB.	2002 – Present	Many papers published. Winner of multiple Young Investigator awards. Expected to complete UAB Biostats Ph.D. program in early 2013.
<b>Doctoral Students</b>				
Hansen Bannerman-Thompson	Microarray analysis by support vector machines.	Graduate Intern (Ph.D. candidate at N. Dakota State U.)	Summer 2000	University of Cincinnati Post-Doc, Environmental Health
Eva Gropp	Obesity & Genetics	Medical Student/Visiting Scholar from Germany	2000 – 2001	Several papers published. Currently post-doctoral fellow at Institute for Genetics, University of Cologne.
Janet Mentore (Lee)	Obesity	Extern from Psychology Ph.D. program at Fordham University	1996 – 1997	Three peer-reviewed papers. Currently psychologist and published children's book author.
Susan Tennant	Obesity		1998	Completed PhD. Practicing Psychologist.
Julie Nathan	Obesity	Extern from Psychology Ph.D. program at Fordham University	1996 – 1997	Four published papers. Completed PhD. Practicing psychologist.
Chenxi Wang	Statistical methods for studying the relation between obesity and mortality.	Ph.D Student in Nutrition Sciences, UAB	2001 – 2004	Multiple published papers. Won Samuel L. Barker Award for Best Graduate Student at UAB in 2004, given to one and only one student in entire university per year. Currently Assistant professor of Nutrition, University of Louisville.
Scott W. Keith, Ph.D.	Statistical methods for studying obesity and mortality rate.	UAB Ph.D. Program in Biostatistics. Supported by NHLBI T32.	2004 – 2008	Many papers published and awards won. Assistant Professor, Biostatistics, Thomas Jefferson University.
Matt Giddings	Hormetic effects of caloric restriction on lifespan	Psychology at UAB	2007 – 2011	Received \$10,000 grant as PI from the Alzheimer's of Central Alabama to study nutritional influences on the progression of Alzheimer's disease in a mouse model.
Tiffany Cox, PhD, MPH	Design issues in obesity treatment trials	Epidemiology program at UAB	2009 – 2011	Assistant Professor, UAB Division of Preventive Medicine.
<b>Post-Doctoral Fellows</b>				
Myles S. Faith, Ph.D.	Behavioral genetics of obesity.	Post-Doctoral Fellow	1995 – 1998	Associate Professor, UNC. Many papers and NIH grants as PI.
Angelo Pietrobelli <sup>2</sup> , M.D.	Pediatric obesity & Body Composition.	Post-Doctoral Fellow (from Italy)	1995 – 1998	Faculty Investigator, Verona University Medical School. Many papers published. Assoc editor of obesity journals.
Moonseong Heo, Ph.D.	Statistical methods in obesity research.	Post-Doctoral Fellow	1996 – 1999	Professor, Albert Einstein College of Medicine of Yeshiva University & Montefiore Medical Center. Numerous papers published.
Raffaella Zannoli,	Epidemiological studies in obesity.	Post-Doctoral Fellow (from Italy)	1998 – 1999	Multiple peer-reviewed papers. University of Siena, Assistant Professor.

<sup>2</sup> Jointly mentored with Steven Heymsfield.

Trainee	Topic of Study	Program	Dates of Training	Outcomes and/or Last known position
M.D.				
Jose Fernandez, Ph.D.	Statistical genetics applied to obesity.	Post-Doctoral Fellow	1999 – 2001	Many papers published. Associate Professor and Vice Chair, UAB Dept of Nutrition Sciences. NIH R01 funding as PI.
Daniel Hoffman <sup>3</sup> , Ph.D.	Body composition.	Post-Doctoral Fellow	1999 – 2001	Many papers published. Associate Professor, Dept. of Nutritional Sciences, Rutgers University.
James (Yong-woo) Park <sup>4</sup> , M.D.	Body composition.	Post-Doctoral Fellow (from Korea)	2000 – 2001	Many papers published. Professor, Sungkyunkwan University School of Medicine.
Shankuan Zhu, M.D., Ph.D.	Body composition & mortality rates.	Post-Doctoral Fellow	2000 – 2001	Many papers published. Professor & Executive Dean Zhejiang University, School of Public Health, PR China. NIH R01 funding as PI.
Jacob Pieter Laurens Brand PhD.	Statistical analysis of microarray data through computer intensive methods.	Post-Doctoral Fellow	2001 – 2003	Multiple papers published. Biostatistician, The EMMES Corporation.
Mark Cope, Ph.D.	Pharmacogenomics of Anti-Psychotic Induced Weight Gain: Rodent Models.	Post-Doctoral Fellow	2001 – 2006	Nutrition Research Scientist, Solae.
Dongyan Yang, M.D., M.S.	Statistical Genetics.	Post-Doctoral Fellow	2002 – 2003	Instructor, University of Louisville, Dept of Epidemiology and Population Health.
Jode Edwards, Ph.D.	Statistical analysis of microarray data.	Post-Doc (T32)	2002 – 2004	Research Geneticist USDA ARS and Faculty Iowa State University.
Stanislav Zakharkin, Ph.D.	Statistical analysis of genetic data	Post-Doc (T32)	2002 – 2005	Scientist at Kraft North America.
Siham Elamin, DVM	Genetic Epidemiology	Post-Doctoral Fellow	2003 – 2004	Veterinary Medical Officer, USDA/APHIS/VS.
Kyoungmi Kim, Ph.D.	Statistical genetics.	Post-Doctoral Fellow	2003 – 2005	Associate Professor, University of CA–Davis.
Solomon Musani, Ph.D.	Statistical genetics of Obesity	Post-Doc (T32)	2003 – 2005	Assistant Professor, University of Mississippi Medical Center.
Laura Kelly Vaughan, Ph.D.	Statistical Genetics of Obesity	Post-Doc (T32)	2005 – 2008	Assistant Professor, UAB, PI of K01 grant
Daniel Shriner <sup>5</sup> , Ph.D.	Statistical Genetics of Obesity	Post-Doc (T32)	2005 –	NIH Staff Scientist, Center for Research on Genomics and Global Health
David Brock, Ph.D.	Obesity	Post-Doc (T32)	2006 – 2007	Associate Professor of Exercise Physiology, University of Vermont
Mai Elobeid, Ph.D.	Obesity	Post-Doc (T32)	2006 – 2008	Researcher, King Saud University
Marcus Guyton, Ph.D.	Obesity	Post-Doc (T32)	2006 – 2008	Unknown
Daniel Smith PhD	Caloric Restriction and Longevity	Post-Doc (T32)	2007 – 2010	Instructor, Nutrition Sciences UAB; PI of grant from the Ellison Foundation.
Stephen Erickson, Ph.D.	Statistical Genetics	Post-Doc (T32)	2006 – 2009	Assistant Professor, University of Arkansas Med. Sciences
Nicholas	Statistical Genetics	Post-Doc (T32)	2008 –	Assistant Professor, Wake Forest

<sup>3</sup> Jointly mentored with Steven Heymsfield.

<sup>4</sup> Jointly mentored with Dympna Gallagher.

<sup>5</sup> Jointly mentored with Nengjun Yi.

Trainee	Topic of Study	Program	Dates of Training	Outcomes and/or Last known position
Pajewski, Ph.D.			2010	University SOM
Gustavo de los Campos, PhD	Statistical Genetics	Post-Doc	2009-2011	Assistant Professor of Biostatistics, UAB. Two R01s as PI. Many published papers.
Yann Klimentidis, Ph.D.	Genetics of Obesity Phenotypes	Post-Doc (T32)	2009 – 2011	Assistant Professor, University of Arizona
Kathryn Kaiser, Ph.D.	Design issues in obesity treatment trials	Post-Doc (T32)	2009 – 2011	Instructor, UAB SOPH Dean's office
Katherine Ingram, Ph.D.	Design issues in obesity treatment trials	Post-Doc (T32)	2009 – 2011	Assistant Professor, Department of Exercise Science and Sport Management, Kennesaw State University
Kirk Williams, Ph.D.	Genetic methods in obesity research	Post-Doc (T32)	2009 – 2011	Investigator, FDA
Ana Inés Vázquez, Ph.D.	Obesity, genes, and cancer	Post-Doctoral Fellow	2010 – 2012	Assistant Professor of Biostatistics, UAB
Henry Robertson, Ph.D.	High-dimensional Survival analysis	Statistician, Seton Healthcare Family	2011 – 2012	Statistician, Seton Healthcare Family
Emily Dhurandhar, Ph.D.	Effects on Ad36 on glucose metabolism in cell culture models	Post-Doc (T32)	2011 – present	
Andrew Brown, Ph.D.	Investigation and promotion of research reporting integrity in obesity research.	Post-Doc (T32)	2012 – present	
Jacqueline Harris, Ph.D.	Genetics and health disparities.	Post-Doc (T32)	2012 – present	
John Dawson, Ph.D.	Statistical genetics of obesity.	Post-Doc (T32)	2012 – present	
<b>Young Faculty</b>				
Bert Boyer <sup>6</sup> , Ph.D.	Genetic epidemiologic methods in obesity.	Senior Post-Doctoral Fellow (NIH F32) on 1-year sabbatical from University of Alaska	1998 – 1999	Director, Center for Alaska Native Health Research; Professor of Molecular Biology, Department of Biology and Wildlife
Gary Gadbury, Ph.D.	Statistical analysis of microarray data.	Visiting Junior Professor	2000 – 2001	Professor of Statistics, Kansas State University
Mary Weber, R.N., Ph.D. U. of Texas at Arlington	Antipsychotic-Induced Weight Gain	Remote Faculty Mentoree in the NIMH/NINR Mentorship Program for Building the Capacity of Psychiatric Mental Health Nurse Researchers. Pairs doctorally prepared psychiatric nurses who have high potential for a successful research career with mentors who are the top researchers in the nurses' areas of	2002 – 2003	Associate Professor, University of Colorado College of Nursing

<sup>6</sup> Jointly mentored with Rudy Leibel & Steven Heymsfield.

Trainee	Topic of Study	Program	Dates of Training	Outcomes and/or Last known position
		research interest.		
David Redden, Ph.D.	Statistical Methods for Partitioning of Linkage Data	Mentored K-Award recipient/Asst Prof.	2002 – 2011	Professor of Statistics, UAB
Jamy Ard, M.D.	Treatment and prevention of obesity	Mentored K-Award.	2003 – 2011	Assoc Prof, Internal Medicine & Public Health Sciences & Dir, Weight Management Center; Wake Forest Baptist Medical Center. Independent R01 funding.
Monica Baskin, Ph.D.	Treatment and prevention of childhood obesity	Serve as mentor on her pilot grants from CNRC and from an anonymous philanthropist.	2003 – 2010	Assoc Professor, UAB Dept. of Medicine, multiple R01s as PI
Nita Limdi, Ph.D.	Pharmacogenetics of Anticoagulation Therapy	Mentored K-Award recipient/Asst Prof./ Masters student in Public Health	2003 – 2012	Associate Professor of Neurology and Epidemiology, UAB School of Medicine. R01 as PI.
Nefertiti Durant, M.D.	Community and clinical aspects of obesity and its prevention	Assistant Professor of Pediatrics – Individual Mentor Arrangement	2006 – 2012	Assistant Professor, UAB Dept. of Pediatrics, Division of Pediatrics and Adolescent Medicine. Funding from RWJF as PI.
Olivia Thomas (now Affuso), Ph.D.	Exercise, epidemiology, and obesity.	Assistant Professor of Epidemiology – Individual Mentor Arrangement	2005 – 2010	Assoc Professor, UAB Dept. of Epidemiology, School of Public Health. R01 as PI.
<b>Other</b>				
Julie Yu	Obesity	Visiting Scholar (Nutritionist) from Taiwan	1997	
Wendy Packer-Munter, PsyD	Obesity	Extern.	1995 – 1996	School Psychologist, Louis M. Klein Middle School
Lauren Balkin Cohen, MS, RD, CDN		Nutrition intern, Hofstra University	1997	Registered dietician and clinical nutritionist in private practice, Lauren Cohen Nutrition, <a href="http://laurencohennutrition.com/about_lauren.html">http://laurencohennutrition.com/about_lauren.html</a>

## LICENSURES and CERTIFICATIONS

- \* New York State Licensed Clinical Psychologist; License # 011212
- \* Certified instructor in physical intervention and restraint (SCIP) by the New York State Office of Mental Retardation and Developmental Disabilities (certification now expired).
- \* New York State certified school psychologist.

## REFERENCES

Sir David R. Cox  
Nuffield College, Oxford University, OX1 1NF  
Work telephone: +44 (0) 1865 278690.  
Home telephone +44 (0) 1865 512401  
E-mail: [david.cox@nuffield.ox.ac.uk](mailto:david.cox@nuffield.ox.ac.uk)

David A. Kessler, M.D.  
Former Commissioner of FDA  
Professor  
University of California, San Francisco  
Phone: 415-476 2342  
FAX: 415-476 0689  
E-mail [kesslerd@medsch.ucsf.edu](mailto:kesslerd@medsch.ucsf.edu)

Robert C. Elston, Ph.D.  
Professor & Chair  
Amasa B. Ford, MD Professor of Geriatric Medicine  
Distinguished University Professor  
Department of Epidemiology & Biostatistics  
Case Western Reserve University  
Phone: (216) 778-3863

Eric E. Schadt, Ph.D.  
PROFESSOR & CHAIR  
Genetics and Genomic Sciences  
DIRECTOR, INSTITUTE FOR GENOMICS AND  
MULTISCALE BIOLOGY  
Mount Sinai School of Medicine  
[Eric.schadt@mssm.edu](mailto:Eric.schadt@mssm.edu)

Arne Vernon Astrup, M.D., Ph.D.  
Professor & Chair, Department of Human Nutrition  
University of Copenhagen  
Phone: 353 32476  
E-mail: [ast@life.ku.dk](mailto:ast@life.ku.dk)

George L. Blackburn, M.D., Ph.D.  
S. Daniel Abraham Associate Professor of Nutrition  
Harvard Medical School  
New England Deaconess Hospital  
(617) 632-8543

Robert H. Eckel, M.D.  
Professor of Medicine and Physiology  
Charles A. Boettcher Endowed Chair in Atherosclerosis  
University of Colorado, Health Sciences Center  
(303) 315-8443

Warren Ewens, Ph. D.  
Professor of Biology  
Department of Biology  
University of Pennsylvania  
(215) 898.7109

Bernard S. Gorman, Ph.D.  
Distinguished Professor  
Department of Psychology  
Hofstra University  
(516) 463-5635

Steven B. Heymsfield, M.D.  
Executive Director,  
George A. Bray, Jr. Endowed Super Chair in Nutrition  
Pennington Biomedical Research Center  
6400 Perkins Road  
Baton Rouge, LA 70808-4124  
P: (225) 763-2500  
[Steven.Heymsfield@pbrc.edu](mailto:Steven.Heymsfield@pbrc.edu)

Steven N. Blair P.E.D.  
Professor  
Public Health Research Building, 225  
921 Assembly Street  
Columbia, SC 29208  
Phone: (803) 777-0567  
Fax: (803) 777-2504  
Email: [sblair@mailbox.sc.edu](mailto:sblair@mailbox.sc.edu)

Michael C. Neale, Ph.D.  
Professor, Virginia Institute of Psychiatric and  
Behavioral Genetics  
Medical College of Virginia  
(804) 828-3369

Rudolph L. Leibel, M.D.  
Professor of Pediatrics and Medicine  
Head of the Division of Molecular Genetics  
Co-director of the Naomi Berrie Diabetes Center at  
Columbia University Medical Center, Berrie Diabetes Ctr  
(212) 851-5257  
[rl232@columbia.edu](mailto:rl232@columbia.edu)

Dr. Barbara J Rolls, PhD  
Helen A. Guthrie Chair and Professor  
Pennsylvania State University  
Office Phone: 814-863-8572  
E-mail Address: [bjr4@psu.edu](mailto:bjr4@psu.edu)

Albert J. Stunkard, M.D.  
Professor, Department of Psychiatry (former Chair)  
University of Pennsylvania  
(215) 898-7314  
[stunkard@mail.med.upenn.edu](mailto:stunkard@mail.med.upenn.edu)

John P. A. Ioannidis  
Professor of Medicine  
Director, Stanford Prevention Research Center  
Stanford University  
Email [jioannid@stanford.edu](mailto:jioannid@stanford.edu)  
Tel (650) 725-5465

John Milner, Ph.D.  
Director, Beltsville Human Nutrition Research Center  
USDA/ARS  
10300 Baltimore Ave., BARC-EAST  
Bldg 307C, Room 105  
Beltsville, MD 20705  
301-504-8158 (phone)  
[john.milner@ars.usda.gov](mailto:john.milner@ars.usda.gov)