

CURRICULUM VITAE

Leah D. Whigham, Ph.D.

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Education: Iowa State University
B.S., Agricultural Biochemistry, May 1993

University of Wisconsin-Madison
Ph.D., Nutritional Sciences, May 2000
Dissertation Title: Inhibition of Lipid Mediators in Type I (Immediate) Hypersensitivity Immune Reactions by Conjugated Linoleic Acid

Research Experience:

- Jan 2011-Present **Adjunct Assistant Professor**, University of North Dakota, Department of Family and Community Nursing
- Oct 2010-Present **Adjunct Graduate Faculty**, University of North Dakota, Department of Nursing.
- Jan 2010-Present **Visiting Associate Scientist**, University of Wisconsin School of Medicine and Public Health, Department of Obstetrics and Gynecology.
- Dec 2009-Present **Research Nutritionist**, USDA-ARS Grand Forks Human Nutrition Research Center. Director of Human Studies and Lead Scientist for a team of scientists investigating behavioral, socio-demographic, environmental, psychological, and biological factors that influence food choices and physical activity practices with the goals of determining barriers to US Dietary Guidelines for Americans compliance, defining effective strategies to support a healthy body weight, and identifying factors to motivate individuals to change their eating behaviors and habits.
- Feb 2006-Dec2009 **Associate Scientist**, Department of Obstetrics and Gynecology, University of Wisconsin-Madison. Obesity and metabolism in women's health. Development of independent clinical research program as PI. Studies include use of respiratory metabolic chamber, doubly labeled water, metabolic cart, and body composition analysis for investigation of various aspects of metabolism, as well as qualitative research related to obesity in low-income pregnant women. Research was Type I and Type II translational.
- March 2003-Jan. 2006 **Postdoctoral Fellow**, Department of Nutritional Sciences, University of Wisconsin-Madison. Laboratory of Dr. Sherry Tanumihardjo. Collaborations with Drs. Richard Atkinson and Dale Schoeller. High vegetable intervention for weight loss in obese humans. Dietary intervention design, grant writing, independent implementation of study intervention involving feeding trial of 60 subjects (included supervision and coordination of 7 students for meal preparation, study subject education, body composition and other outcome variable assessments).
- June 2000-June 2004 **Postdoctoral Fellow**, Departments of Nutritional Sciences and Medicine and the Center for Women's Health, University of Wisconsin-Madison. Laboratory of Dr.

- Richard Atkinson. Collaborations with Dr. Dale Schoeller. Clinical studies of obesity and elucidation of mechanisms of virally-induced obesity. Clinical research training; involvement with design, coordination, and oversight of clinical study.
- Aug. 1995-May 2000 **Graduate Student**, Interdepartmental Graduate Program in Nutritional Sciences, University of Wisconsin-Madison. Laboratory of Dr. Mark E. Cook. Investigation of the effect of conjugated linoleic acid on type I hypersensitivity. In depth knowledge of fatty acid metabolism, especially related to conjugated linoleic acid; molecular and physiological (whole animal) research approaches to determine mechanisms of action.
 - July 1993-Aug. 1995 **Research Assistant**, DNA Core Facility, University of Iowa, Iowa City, IA. Laboratory Director: Dr. David Moser. Nucleotide synthesis, DNA sequencing, and other molecular research support.
 - June-Aug. 1992 **Research Intern**, Eppley Cancer Institute, University of Nebraska Medical Center, Omaha, NE. Laboratory of Dr. Robert E. Lewis. Comparison of changes in phosphorylation of IGF-I receptors in undifferentiated and differentiated muscle cells.
 - Aug. 1988-Jan. 1991 **Undergraduate Research Assistant**, Dept. of Animal Science, Nutritional Physiology Unit, Iowa State University, Ames, IA. Laboratory of Dr. Donald Beitz. Analysis of nucleotide sequence heterogeneity of bovine mitochondrial DNA and correlation with production traits for use as molecular markers in breeding.
 - June 1988-Aug. 1988 **Research Intern**, ISU Women in Science and Engineering High School Research Program, Iowa State University, Ames, IA. Laboratory of Dr. Donald Beitz. Basic molecular and biochemical research techniques.

Grants

- 2012-2014 T.W. Edminster Postdoctoral Research Associate Award, USDA Agricultural Research Service. PI: Leah Whigham. \$120,000.
- May 2011-Aug 2011 Northern Plains Area Co-funded Internship/Apprenticeship Program. PI: Leah Whigham. \$1,559.
- May 2011-Aug 2011 Junior Master Gardener Program, "Gardening with Children." PI: Leah Whigham. Co-PI: JoAnne Yearwood. \$800.
- Sept 2009-Aug 2010 UW Institute for Clinical and Translational Research, "Prevention of Excess Gestational Weight Gain in Overweight and Obese Low-Income Women." PI: Leah Whigham. Co-I: Aubrey Smith. \$33,727.
- Nov 2007-June 2010 Wrigley Science Institute Award from the Obesity Society, "Effects of Gum Chewing on Energy Intake and Expenditure." PI: Leah Whigham. Co-I: Dale Schoeller. \$25,000.
- July 2007-June 2010 Wisconsin Institutes of Discovery, "Early detection of disease onset - a systems approach using new metabolome phase portraits." PIs: Leah Whigham, Fariba Porter-Assadi, Hamid Eghbalnia, Michael Shortreed. Co-Is: David Abbott, Dan Butz, Mark Cook, Steven Lindheim, Marco Tonelli, John Markley, Warren Porter, Lloyd Smith. \$400,000.
- April 2004-2008 USDA Cooperative State Research, Education, and Extension Service – National Research Initiative, "Promotion of high vegetable consumption as a weight-loss strategy and general well-being." Project Director Sherry Tanumihardjo, co-PD Leah Whigham. \$652,500.

Awards:

- 2012 T.W. Edminster Postdoctoral Research Associate Award, USDA Agricultural Research Service
- 2011 No Revision Award OSQR Project Plan Peer Review, Northern Plains Area, USDA Agricultural Research Service
- 2000-2002 NIH T32 National Research Service Award, National Center of Excellence in Women's Health
- 2001 Dannon Nutrition Leadership Institute
- 2000 American Society for Nutritional Sciences Graduate Student Award
- 2000 Committee on Institutional Cooperation (CIC)/Women in Science and Engineering (WISE) Travel Scholarship
- 1998, 1999, and 2000 Goessling/Linkswiler Travel Scholarship
- 1998 University of Wisconsin-Madison Representative, CIC-WISE Leadership Conference
- 1998-1999 and 1999-2000 Mary Heisdorf Scholarship
- 1997-1998 and 1998-1999 American Oil Chemists' Society Foundation Award
- 1995 Department of Nutritional Sciences Rotation Scholarship

Intellectual Property:

- U.S. Patent No. 6,077,868: Selective inhibition of cyclooxygenase-2. Assignee: Wisconsin Alumni Research Foundation. Currently licensed as part of a series of patents by 4 corporations with product sales worldwide.

Activities and Offices Held:

- Audit Committee, The Obesity Society, 2011-present.
- Finance Committee, The Obesity Society, 2010-2011.
- Dannon Leadership Institute Alumni Association; President Elect, 2006; President, 2007; Past-President, 2008
- University Academic Planning Council, Student Representative (1998-2000), University of Wisconsin.
- Department of Nutritional Sciences, Graduate Student Representative at faculty meetings (1998-2000), University of Wisconsin.
- College of Agriculture and Life Sciences Graduate Student Council, Co-Founder (1998), Co-Chair (1998), Chair (1998-1999), University of Wisconsin.

Journal Activities:

Editorial Board for:

- Nutrition & Diabetes

Guest Editor for:

- Journal of Nutrition and Metabolism

Peer review for:

- American Journal of Clinical Nutrition
- Clinical Nutrition
- Diabetes
- European Journal of Clinical Nutrition
- International Journal of Obesity
- Lipids
- Obesity
- Royal Society Proceedings B

Community Service Activities:

- Gearing Up for Kindergarten, 2011

- Health education at Harambe Health Hour, Family Center Harambe, 2003.
- Expanding Your Horizons presenter (annual career conference for middle school girls), 2002-2004.
- Memorial High School Tutor/Mentor Program, 1998-2002.
- Ways of Knowing Biology Graduate Student Mentor, 1999-2002.
- Community Education (teaching elementary-high school students, developing programs), 1996-2001.

International Experience:

- Invited scientific presentation in France.
- Academic year study abroad program in New Zealand.
- Summer work exchange program in Czechoslovakia.
- Language study in Spain.
- Personal travel: Great Britain, Austria, Indonesia, Australia.

Invited Presentations:

- UND Medical School Graduate Student Seminar Series, "Dairy cattle mtDNA, guinea pig asthma, and the nutritional chemistry of obesity: a molecular path through research." October 7, 2011, Grand Forks, ND.
- North Dakota Nutrition Council Meeting, "Can Eating Vegetables Really Help Me Lose Weight?" June 9, 2011, Devils Lake, ND.
- South Dakota State University Nutrition Conference, "Can Eating Vegetables Really Help Me Lose Weight?" March 14, 2011, Brookings, SD.
- Nursing Research Brownbag, UND College of Nursing, "Efficacy of CLA for Reducing Fat Mass," February 12, 2010, Grand Forks, ND.
- Supply Side West Meeting, "CLA Meta-Analysis," November 7, 2007, Las Vegas, NV.
- US CLA Network 3rd Annual Meeting, "Efficacy of Conjugated Linoleic Acid for Reducing Fat Mass: A Meta-analysis in Humans," Detroit, Michigan, December 7-8, 2006.
- Health presentation for the Delta Sigma Theta Lifestyle Change Initiative for the physical, mental, and spiritual well being of students of color, November 14, 2006, Madison, WI.
- North Central College Biology-Chemistry Interdisciplinary Seminar, "CLA: A Story of Discovery from Immunology to Weight Loss," October 16, 2006, Naperville, Illinois.
- The Role of CLA in Human Health: Mechanisms and Biomarkers, "The Role of CLA in Human Body Composition," October 21-23, 2004, Winnipeg, Canada.
- Current Concepts in Nutrition and Aging, UW-Extension, "Fat Alternatives in Your Foods," September 23, 2004, Madison, Wisconsin.
- College Days, UW-Extension, "The Skinny on Fad Diets," June 8, 2004, Madison, Wisconsin
- Conference on CLA in Human Health: Research in Progress, "CLA in Humans: Effects on Body Composition and Adverse Events During Weight Loss," November 21-23, 2003, Toronto, Canada.
- IESIEL (Institut d'Etudes Supérieures d'Industrie et d'Economie Laitières) Milk Lipids Conference, "Recent Advances in Conjugated Linoleic Acid Research," November 17, 1999, Paris, France.
- Cornell Nutrition Conference for Feed Manufacturers, "CLA, Metabolism and Health," October 20, 1999, Rochester, New York.
- 60th Minnesota Nutrition Conference, "CLA, Food Quality, and Human Health," Sept. 21, 1999, Bloomington, Minnesota.
- 1999 OCA Cattlemen's Convention, "Conjugated Linoleic Acid: A Health Promoting Component of Beef and Dairy Products," July 23, 1999, Oklahoma City, Oklahoma.
- Farmland Industries, Inc. University Advisory/Research Alliance Meeting, "Health Effects of Conjugated Linoleic Acid," June 2, 1999, Lake Ozark, Missouri.
- Diamond V-Antitox Technical Symposium, "Physiological Effects of Conjugated Linoleic Acid," September 15, 1998, Cedar Rapids, Iowa.

- National Nutritional Foods Association Annual National Convention, “Conjugated Linoleic Acid and Immune Modulation,” July 15, 1998, San Antonio, Texas.
- Southern California Food Industry Conference, “The Role of Conjugated Linoleic Acid in Health,” January 27, 1998, Pomona, California.

Teaching Experience and Training:

- Fall 2011 Guest Lecturer, University of North Dakota, Methods in Pharmacology and Physiology (PPT 505), “Study Design and Research Methods using Human Volunteers,” course instructor: Dr. Eric Murphy.
- Spring 2005 Guest Lecturer, University of Wisconsin–Madison, Human Nutritional Needs (NS332), 3 lectures on vitamins A and D, course instructor: Dr. Dale Schoeller.
- Spring 2004 Teaching Assessment Workshop, “Creating Valid and Reliable Classroom Tests,” four-session workshop taught at UW-Madison.
- 1999-2003 Nutritious Notes Lecture Series, 25-30 lectures per year. Women’s Fitness Center, Madison, WI.
- Summer 2000 Guest Lecturer, University of Wisconsin-Madison, Understanding Nutrition (NS132), 1 lecture and demonstration on body composition analysis, course instructor: Alice Wentworth.
- Spring 1997 Teaching Assistant, University of Wisconsin–Madison, Nutritional Biochemistry (NS510). Responsibilities included preparing and delivering 2 lectures covering antioxidants, copper, zinc, chromium, aluminum, and lead; holding weekly discussion sessions and office hours to assist students; designing exam questions; and grading exams and assignments. Course instructor: Dr. Susan M. Smith.
- Fall 1996 Guest Lecturer, University of Wisconsin–Madison, Comparative Nutrition (AnSci311); 2 lectures on magnesium, calcium, and phosphorus; course instructor: Dr. Mark E. Cook.

Selected News Releases, Interviews, and Press Stories Related to Research:

Television and Other Filmed Interviews:

- Interview (in-studio live), KXMB TV, “Can a virus cause obesity?” Bismarck, ND, July, 2010
- Interview for ScienCentral, Inc., February, 2006 for distribution to the ABC Network.
- Interview with Dr. Sean Kenniff, CBS News, February, 2006.
- Interview (in-studio live), WISC-TV, Madison, WI, December, 2004.

Radio Interviews:

- Interviews for CBC Radio Quirks and Quarks with Bob McDonald and The Paul and Carol Mott Show on Station CFRB 1010, Toronto, February, 2006.
- Interview for Wisconsin Public Radio, KCBS Radio San Francisco, and WGST Atlanta, January, 2006.

Newspaper, Magazine, and Website Interviews:

- Interview for Health.com with Kate Stinchfield, November, 2008.
- Interview for BBC Focus magazine with Jo Carlowe, November, 2008.
- Interview for Self Magazine with Jenna Silvi, October, 2008.
- Interview for Wall Street Journal with Laura Johannes, August, 2008.
- Interview for LA Times with Chris Woolston, May 2008.
- Interview for Forbes.com with Allison Van Dusen, July, 2007.
- Interview for Reuters Health with Amy Norton, May, 2007.
- Interview for AAAS Science Update with Bob Hirshon, March, 2006.

- Interview for New York Times Magazine with Robin Henig, February, 2006.
- Interviews for newspapers in Bogota, Columbia; Madrid, Spain; Sydney, Australia; and London, England; January-March, 2006.
- Additional web coverage of research on ScientificAmerican.com, Discovery.com, WebMD, NBC News, CBS News, Fox News, Reuters, and Telegraph (UK); January-March, 2006.
- Interview for Remedy Magazine with Pat Volin, November, 2002.
- Interview for Natural Health magazine, May/June 2001.
- Interview for Manitoba Cooperator newspaper, February, 2000.

Publications:

Manuscripts in Progress:

- **Whigham LD**, Valentine AR, Johnson LK, Zhang Z, Atkinson RL, Tanumihardjo SA. Increased vegetable and fruit consumption during weight loss effort correlates with increased weight and fat loss. In review.

Refereed Journal Articles:

- **Whigham LD**, Schoeller DA, Johnson LK, Atkinson RL. (2012) Effect of Clothing Weight on Body Weight. *International Journal of Obesity*. In press.
- Schoeller DA, Watras AC, **Whigham LD**. (2009) A Meta-Analysis of the Effects of Conjugated Linoleic Acid on Fat-Free Mass in Humans. *Applied Physiology, Nutrition, and Metabolism*. 34:975-8.
- Tanumihardjo SA, Valentine AR, Zhang Z, **Whigham LD**, Lai HJ, Atkinson RL. (2009) Strategies to increase vegetable or reduce energy and fat intake induce weight loss in adults. *Experimental Biology and Medicine*. 234:542-52.
- Valentine AR, **Whigham LD**, Tanumihardjo SA. (2009) Pedometers Are Perceived as Useful Tools for Weight Loss. *Journal of Extension*. 47:2TOT6:1-5.
- Bruns CM, Baum ST, Colman RJ, Dumesic DA, Eisner JR, Jensen MD, **Whigham LD**, Abbott DH. (2007) Prenatal Androgen Excess Negatively Impacts Body Fat Distribution in a Nonhuman Primate Model of Polycystic Ovary Syndrome (PCOS). *International Journal of Obesity*. 31:1579-85.
- **Whigham LD**, Watras AC, Schoeller DA. (2007) Efficacy of Conjugated Linoleic Acid for Reducing Fat Mass: A Meta-analysis in Humans. *American Journal of Clinical Nutrition*. 85:1203-11.
- **Whigham LD**, Dhurandhar NV, Rahko PS, Atkinson RL. (2007) Comparison of combinations of drugs for treatment of obesity: body weight and echocardiographic status. *International Journal of Obesity*. 31:850-7.
- **Whigham LD**, Israel BA, Atkinson RL. (2006) Adipogenic potential of multiple human adenoviruses *in vivo* and *in vitro* in animals. *American Journal of Physiology*. 290:R190-4.
- **Whigham LD**, O'Shea M, Mohede I, Walaski HP, Atkinson RL. (2004) Safety Profile of Conjugated Linoleic Acid in a 12-month trial in obese humans. *Food and Chemical Toxicology* 42:1701-1709.
- Dhurandhar NV, **Whigham LD**, Abbott D, Schultz-Darken N, Israel BA, Bradley SM, Kemnitz J, Allison DB, Atkinson RL. (2002) Human Adenovirus Ad-36 Promotes Weight Gain in Male Rhesus and Marmoset Monkeys. *Journal of Nutrition* 132:3155-3160.
- **Whigham LD**, Higbee A, Bjorling DE, Park Y, Pariza MW, Cook ME. (2002) Dietary conjugated linoleic acid reduces antigen-induced eicosanoid release from sensitized tissues. *American Journal of Physiology* 282:R1104-R1112.
- **Whigham LD**, Cook EB, Stahl JL, Saban R, Bjorling DE, Pariza MW, Cook ME. (2001) Conjugated linoleic acid reduces antigen-induced histamine and prostaglandin _{E2} release from sensitized guinea pig tracheae. *American Journal of Physiology* 280: R908-R912.

Book Chapters, Review Articles, Editorials, and Proceedings:

- Buchholz AC, Van Loan M, **Whigham L**, Henry Lukaski H. (2011) Lifestyle Modification to Promote Weight Loss in the Absence of Energy Restriction. *Journal of Nutrition and Metabolism* Article ID 527290.
- Cook ME, Butz D, Li G, Pariza M, **Whigham L**, Yang M. (2003) Conjugated linoleic acid enhances immune responses but protects against the collateral damage of immune events. Chapter 17, pp 283-291. In: *Advances in Conjugated Linoleic Acid Research*. Volume 2, eds. J.L. Sebedio, W. W. Christie, and R. Adlof, AOCS Press, Champaign, IL.
- **Whigham LD**. (2003) Review of Current Literature: Increased Adiposity in Female Rhesus Monkeys Exposed to Androgen Excess During Early Gestation. *Nutrition in Clinical Practice*. 18: 336.
- **Whigham LD**, Cook ME, Atkinson RL. (2000) Conjugated linoleic acid: implications for human health. *Pharmacological Research* 42:503-510.
- **Whigham LD**. Recent Advances in Conjugated Linoleic Acid Research. (2000) In: *Comptes-Rendus de la Journée de L'IESIEL: Lipides Du Lait Progrès Actuels: Biochimie, Technologie, Nutrition* (Report of the IESIEL: Current Progress in Milk Lipids: Biochemistry, Technology, Nutrition). Paris, France, pp. 77-88.
- Cook ME, DeVoney D, Drake B, Pariza MW, **Whigham LD**, Yang M. (1999) Dietary control of immune induced cachexia: conjugated linoleic acid and immunity. In: *Conjugated Linoleic Acid Research*, eds. Yurawecz MP, Mossoba MM, Kramer JKG, Pariza MW, Nelson GJ, AOCS Press, Champaign, IL, pp. 226-237.

Abstracts:

- Jahns L, **Whigham L**, Johnson L, Mayne S, Cartmel B, Ermakov I, Gellermann W. Dermal carotenoids as measured by resonance Raman spectroscopy as a biomarker of response to a fruit/vegetable intervention study. *Experimental Biology Meetings*, San Diego, CA. April 21-25, 2012.
- Margolis LM, Cao JJ, Sauter ER, **Whigham LD**, McClung JP, Combs GF, Young AJ, Pasiakos SM. A high protein diet upregulates whole-body protein turnover during energy deficit. *Experimental Biology Meetings*, San Diego, CA. April 21-25, 2012.
- **Whigham LD**, Schoeller DA, Lindheim SR, Abbott DH. Women with Polycystic Ovary Syndrome have Modified Resting Metabolic Rate Relative to Fat-Free Mass. *Obesity*. 2011 Nov 19(Suppl 1):S154.
- **Whigham LD**, Valentine, AR, Zhang Z, Atkinson RL, Tanumihardjo SA. Vegetable and fruit consumption during weight loss is positively correlated with weight and fat loss. *Obesity*. 2010 Nov 18(Suppl 2):S104.
- Jahns L, **Whigham LD**, Hoverson B, Scheett A, Johnson L, Payne CR, Kranz S. It's the Season! Changes of MyPyramid Food Groups in Weekly Sunday Grocery Store Sales Advertisements. *Obesity*. 2010 Nov; 18 (Suppl 2):S179-80.
- Shortreed MR, Assadi-Porter F, **Whigham LD**, Cook ME, Butz D, Porter WP, Abbott DH, Markley JL, Eghbalnia H, Smith LM. Identification of Key Metabolic Pathways in Polycystic Ovary Syndrome by Mass Spectrometry, NMR and Cavity Ring Down Spectroscopy. 57th ASMS (American Society for Mass Spectrometry) Conference on Mass Spectrometry and Allied Topics, Philadelphia, PA. May 31- June 4, 2009.
- **Whigham LD**, Vang PN, Fidler E, Kang J, Seo S, Schoeller DA. Effects of gum chewing on weight loss. *The Obesity Society*, Washington, D.C. October 24-28, 2009.
- Shortreed MR, Assadi-Porter F, **Whigham LD**, Cook ME, Butz D, Porter WP, Abbott DH, Markley JL, Eghbalnia H, Smith LM. Identification of Key Metabolic Pathways in Polycystic Ovary Syndrome by Mass Spectrometry, NMR and Cavity Ring Down Spectroscopy. 57th ASMS (American Society for Mass Spectrometry) Conference on Mass Spectrometry and Allied Topics, Philadelphia, PA. May 31- June 4, 2009.

- Atkinson RL, He J, Abbott DH, **Whigham LD**. Unsuspected infection of laboratory animals with human adenovirus-36 compromises experimental findings. Experimental Biology Meeting, New Orleans, LA. April 18-22, 2009. Oral Presentation.
- **Whigham LD**, Abbott DH. Pioglitazone Diminishes Abdominal Adiposity without Altering the Relationship between Insulin and Adiposity in Prenatally Androgenized Female Rhesus Monkeys. The Endocrine Society Meeting, San Francisco, CA. June 15-18, 2008. Abstract # P2-488.
- **Whigham LD**, Atkinson RL, Schoeller DA. Effect of Clothing Weight on Body Weight Measurement. The Obesity Society Meeting, Phoenix, AZ. October 3-7, 2008. Abstract #518-P.
- **Whigham LD**, Abbott DH. Pioglitazone decreases adiposity and increases food intake in a model of PCOS. Experimental Biology Meeting, Washington, D.C. April 28-May 2, 2007. Abstract #831.13.
- **Whigham LD**, Watras AC, Schoeller DA. A Meta-analysis of the Efficacy of Conjugated Linoleic Acid for Reducing Fat Mass in Humans. North American Association for the Study of Obesity (NAASO) Annual Meeting, Boston, MA. October 20-24, 2006. Abstract #564-P.
- **Whigham LD**, Tanumihardjo SA. Evaluation of a high-vegetable intervention for weight loss in obese individuals. Experimental Biology Meeting, San Francisco, CA. April 1-5, 2006. Abstract #386.1.
- Escaron AL, Whigham LD, Tanumihardjo SA. Increased dietary fat maintains liver vitamin A storage and serum retinol concentrations in Sprague Dawley rats. Experimental Biology Meeting, March 2005.
- **Whigham LD**, Schoeller DA, Atkinson RL. Comparison of body composition methods for measuring change after weight loss. Experimental Biology Meeting, Washington, D.C. April 16-21, 2004. Abstract # 3847.
- **Whigham LD**, Gomez TD, Shrago E, Atkinson RL. Conjugated Linoleic Acid (CLA) reduces side effects during weight loss. NAASO Annual Meeting, Ft. Lauderdale, FL. October 11-15, 2003. Abstract #461-P.
- **Whigham LD**, O'Shea M, Mohede I, Atkinson RL. Effects of conjugated linoleic acid (CLA) on body composition and adverse events during a weight-loss program. Experimental Biology Meeting, San Diego, CA. April 11-15, 2003. Abstract #LB370.
- Atkinson RL, **Whigham LD**, Kim YC, Israel BA, Dhurandhar NV, Strasheim A. Evaluation of human viruses as an etiology of obesity in chickens. American Journal of Clinical Nutrition 133 Suppl. S: 380S, 2002.
- **Whigham LD**. New thoughts on the etiology of obesity. The Gerontologist (The Gerontological Society of America 54th Annual Scientific Meeting, Chicago, IL, 2001). 41:312.
- **Whigham LD** and Atkinson RL. Effect of multiple human adenoviruses on 3T3-L1 preadipocyte differentiation. Obesity Research 9:148S, 2001.
- Dhurandhar NV, Atkinson RL, Vangipuram S, Haque R, Tian J, **Whigham LD**, Heydari A. The adiposity-promoting potential of Ad-36 is not a characteristic common to all human adenoviruses. Obesity Research 9:146S, 2001.
- Atkinson RL, **Whigham LD**, Kim YC, Israel BA, Dhurandhar NV, Strasheim A. Evaluation of human adenovirus as an etiology of obesity in chickens. International Journal of Obesity (11th European Congress on Obesity, Vienna, Austria, 2001) 25:S12.
- **Whigham LD**, Dhurandhar N, Abbott DH, Schultz-Darken N, Israel B, Kolesar J, Strasheim A, Atkinson RL. Presence of obesity-associated human adenovirus-36 DNA in tissues of marmosets and humans. FASEB Journal 15:A300, 2001.
- **Whigham LD**, Israel BA, Dhurandhar NV, Smith RW, Atkinson RL. Human adenovirus-36 infection of 3T3-L1 adipocytes results in increased release of leptin. Obesity Research 9:68, 2001.
- **Whigham L**, Higbee A, Bjorling D, Pariza M, Cook ME. Dietary conjugated linoleic acid decreases antigen-induced release of lipid-derived mediators in guinea pig airways. FASEB Journal 14:A728, 2000.

- **Whigham LD**, Higbee AJ, Pariza MW, Cook ME. The influence of dietary conjugated linoleic acid on the release of PGE₂ and LTB₄ from guinea pig lung, trachea, and bladder. FASEB Journal 13:A587, 1999.
- **Whigham LD**, Cook EB, Stahl JL, Saban R, Pariza MW, Cook ME. Conjugated linoleic acid reduced antigen-induced prostaglandin E₂ release from sensitized tracheas. FASEB Journal 12:A819, 1998.