

Connie M. Weaver
Curriculum Vitae

Personal Information:

Birth Date: 10-29-50

Birth Place: LaGrande, Oregon

Home Address: 4811 Homewood Drive
West Lafayette, IN 47906
765-463-2403

Work: Nutrition Science
Purdue University
700 W State Street
West Lafayette, IN 47907-2059
765-494-8237

Professional Experience:

2011- Director, Women's Global Health Institute, Purdue University
2010- Co-Director of International Breast Cancer and Nutrition Project
2008- Deputy Director of NIH funded Indiana Clinical and Translational Science Institute
2000- Distinguished Professor, Department of Nutrition Science (formerly Foods and Nutrition), Purdue University
2000-11 Director, NIH Botanicals Center for Age-Related Diseases
1991- Professor and Head, Department of Nutrition Science (formerly Foods and Nutrition), Purdue University
1996 Courtesy Appointment, Department of Food Science, Purdue University
1988 Kraft, Inc. Research Fellow
1988 Professor of Foods and Nutrition, Purdue University
1984 Associate Professor of Foods and Nutrition, Purdue University
1978 Assistant Professor of Foods and Nutrition, Purdue University
1978 Research Assistant, Department of Foods and Nutrition, Florida State University, Tallahassee, FL
1978 Teaching Assistant, Department of Chemistry, Florida State University, taught undergraduate radio-chemical techniques course
1977 Adjunct Faculty, Department of Foods and Nutrition, Florida State University
1975-77 Teaching Assistant, Department of Foods and Nutrition, Florida State University
1975 Research Associate, Department of Food and Resource Chemistry, University of Rhode Island, Kingston, RI
1974 Instructor, Department of Foods and Nutrition, Grossmont College, El Cajon, CA
1973 Teaching Assistant, Department of Foods and Nutrition, Oregon State University, Corvallis, OR.

Special Appointments:

2015- External Advisory Committee, Center for Research on Ingredient Safety, Michigan State University
2015- Board Member, FDA Science Advisory Board
2014- NIH Advisory Committee on Research on Women's Health
2013 Board Member, Yogurt In Nutrition, Danone Institute International
2013 NIH Special Panel Reviewer for R01s
2013 NIH Panel Reviewer for Fellowships
2012 Member, USDA, ARS, Panel Chair for Human Nutrition (NP 107) Retrospective Review
2012 Member, Canadian Institutes of Health Research Review Panel
2011- Member, Food and Nutrition Board, Institute of Medicine
2010- Elected Member, Health and Medicine Division (formerly Institute of Medicine)
2010- Board of Trustees, GEN YOUth Foundation (Fuel up to Play 60), NFL
2010- Board of Trustees, International Life Sciences Institute, Strategic Issues Committee, Chair, Publications Committee
2009,2012 Sara Lee/Hillshire Farms Science Advisory Board
2008- Executive Board, Bindley Bioscience Center
2007-09 North American Menopause Society task force to set vitamin D clinical guidelines for Physicians
2007-09 Corn Products International, Inc. GTC Scientific Advisory Board
2007-08 McCormick Health and Wellness Board
2006- Board of Trustees of the National Osteoporosis Foundation, Corporate Advisory Roundtable, Chair; Finance Committee, Science and Research Committee
2006- Pharmavite Science Advisory Board

2006-09 Global Nutrition Advisory Panel, Cadbury Schweppes Board
 2005 Committee on Mineral Requirements for the Military, Institute of Medicine
 2005 US Dietary Guidelines Advisory Committee
 2004-08 Glaxo Smith Kline Calcium Board
 2003 CSREES Review Team Member, Department of Food Science and Nutrition, University of Minnesota
 2003-07 ORAFTI Board
 2002-05 Member Data Safety and Monitoring Board for three different NIH Trials
 2002-08 Wyeth Global Nutrition Advisory Board Member
 2001-09 Executive Committee, International Life Sciences Institute of North America
 2001 GCRC Site Visitor at Yale Medical School
 2000-04 Joint Institute for Food Safety and Applied Nutrition Advisory Council Member
 2000- Division of Nutritional Sciences Advisory Committee of the College of Agricultural, Consumer and Environmental Sciences, University of Illinois
 1999 Coalition on Food, Nutrition, and Health: Building an Agenda for the Nation
 1999 National Bone Health Campaign Scientific Task Force
 1999 National Osteoporosis Foundation Working Group on Development of Peak Bone Mass
 1999-2003 Nutrition Study Section - National Institutes of Health, Member, Chair 2001-2003
 1998 Special Study Section, National Institutes of Child Health and Disease
 1998 Kraft Scientific Advisory Panel
 1998- Mead Johnson Women's Advisory Board
 1998 Grain Nutrition Board, Kellogg Company
 1998-2001 National Space Biomedical Research Institute, Board of Scientific Counselors
 1998 Fellowship/AREA Special Emphasis Panel, National Institute of Aging
 1998-10 Board of Trustees, International Life Sciences Institute, North America
 1996-97 National Academy of Sciences Food and Nutrition Board Dietary Reference Intakes Panel Member for Calcium and Related Nutrients.
 1996 NIH Clinical Small Business in Research Grant Review panel
 1996 NIH General Clinical Research Center Site Reviewer
 1996 USDA-Small Business in Research Grant Review Panel
 1995 Expert reviewer for FDA on olestra food additives petition
 1995-97 Nutrition Research Newsletter Advisory Board
 1993-97 Scientific Advisor for the Food, Nutrition and Safety Committee of the North American Branch of the International Life Sciences Institute.
 1993-96 Food Chemicals Codex, National Academy of Science Committee
 1993 NIH Nutrition Study Section - Small Business in Research Grants
 1992 Grant Reviewer for NIH "Women's Health initiative"
 1992 U.S.D.A. Human Nutrition Panel
 1991 Grant Reviewer for NIH "Clinical and Epidemiology Research on Osteoporosis"
 1990 Appointed to the Mineral Working Group, NASA
 1989-93 Research Advisory Committee National Livestock & Meat Board

Education:

Ph.D. Florida State University. Thesis: Accumulation of nuclear fission products by vegetable crops and their removal during processing. 1978.
 M.S. Oregon State University. Thesis: Factors influencing enzymatic browning of ripening bananas. 1974.
 B.S. Oregon State University. Honors thesis: Enzyme inactivation and quality of steam vs. microwave-blanched frozen broccoli. 1972.

Society Memberships:

Institute of Food Technologists	Sigma Xi
American Society for Nutrition Sciences	Phi Tau Sigma
Society for Experimental Biology and Medicine	Kappa Omicron Nu
American Society for Bone and Mineral Research	Gamma Sigma Delta
American College of Nutrition	
International Bone and Mineral Society	

Editorial Boards:

Elsevier, Editorial Board of Bone Reports (2014)
Frontiers in Endocrinology, Editorial Board of Bone Research (2014)
Osteoporosis International (2012-)
Advances in Nutrition, Editor of Special Editions (2012)
Current Translational Geriatric & Experimental Gerontology (2011-)
Journal of Bone and Mineral Research (2004-)
American Journal of Clinical Nutrition (2001-2007)
Nutritiongate.com Board (2000-)
Nutrition Research Reviews (1998-)
Academic Press, Food Science & Technology Book Series and Advances in Food & Nutrition Research (1997-)
CRC Series in Contemporary Food Science (1991-1995)
Journal of Nutritional Biochemistry (1990-2001)

Selected Committee Memberships:

Institute of Food Technologists (IFT)
ASN-IFT-IFIC Food Science and Nutrition Task Force (2007-)
Awards Jury (2000-2007)
Awards Committee (2001-2005)
New Frontiers Task Force (2000-2001)
Babcock Heart Award (1997)
Food Chemistry Division Organized and served as first chair (1995-1996)
Executive Committee (1991-1993)
Committee on Education (1994-1998, Chair 1996-1997)
Education Task Force (1996-1998)
Strategic Alliances Task Force (1995-1996)
Annual Meeting Program Committee (1984-1990, Chairman 1989-1990)
IFT Expert Panel on Food Safety and Nutrition (1990-1993)
Scientific Lecturer (1988-1990)
Nutrition Division, Chairman (1990) Chairman Elect (1989), Secretary (1985)
Nominations and Elections Committee (1987-1990)
Co-Regional Communicator (1984-present)
Press Conference List (1985-present)
Directory of Information Resources in Food Science and Technology (1985-present)
Outstanding Research Award – Hoosier Section
Indiana Councilor (1986-1989)
Indiana Section (Chairman 1983, held most other offices)

American Society for Nutrition (formerly American Institute of Nutrition and American Society for Nutritional Sciences)
Reviews, Papers and Guidelines Committee, Chair (2011-)
Spokesperson (2007-)
Task Force for IFT-ASN (2006-) – organized and raised funds for grant writing workshop competition
Task Force for Public Relations (2007)
Public Policy Committee (2007)
Representative to FASEB Funding Conference (2001)
Public Information Committee (2001)
Immediate Past President, (1999-2000)
President, (1998-1999)
President-Elect (1997-1998)
Treasurer, Council member, and Chair, Finance Committee (1992-1996)
Strategic Planning Development Group, Chair (1995-1996)
Publication Management Committee (1992-1995)
Program Planning Committee, Chairman (1989-1990)
Various Award Juries

Gamma Sigma Delta, President of Hoosier Chapter (1989-1990)

Phi Tau Sigma, President of Hoosier Chapter (1986-1987)

Sigma Xi, President of Purdue Chapter (2003-2004)

Purdue University

College of Liberal Arts' Distinguished Professor Review Committee (2014)
Excellence Task Force Committee (2013)
Bruce Hamaker Distinguished Professor Committee, Chair (2013)
Public Health/Chronic Disease Cluster Hire, Chair (2012)
Bindley Biosciences Advisory Committee (2010-)
Governance Transition Team for the new College of Health and Human Sciences (2010)
International Nutrition and Breast Cancer steering committee (2009-)
Research Core Committee (2009)
Vice President of Research Search Committee (2008)
Strategic Plan Evaluation Committee (2006)
Conflict of Interest Committee (2005-2006)
Peixuan Guo Distinguished Professor Committee, Chair (2005-2006)
Kinam Park Distinguished Professor Committee (2006)
Metabolics Advisory Committee – Discovery Park (2006-)
NMR Task Force (2003)
Advisor for Graham Cooks Mass Spectrometer facility (2003)
Interdepartmental Graduate Program Task Force (2003-2006)
Alastair Morrison Distinguished Professor Committee, Chair (2002-2003)
Distinguished Professor Committee in Engineering (2002)
Showalter Endowed Chair of Biomechanical Engineering Distinguished Professor Committee in (2002-2006)
Glen Parker Distinguished Professor Committee in Liberal Arts (2002-2003)
Life Science Mall Strategic Planning Committee (2002-3)
Medical Sciences Building Committee (2001-3)
Ray Bressan Distinguished Professor Committee (2002)
Sigma Xi Executive Committee (2001-; President 2003-2004)
Child Development and Family Studies Search Committee (2001-2002)
Provost Search Committee (2000-2001)
Life Sciences and Biotechnology Research Institute Director Search Committee (1999-2001)
Purdue Cancer Center Liaison Committee Member (1998-)
Industrial Research Activities Committee, (1999-)
Search Committee for the Director of Life Sciences and Biotechnology (1998-2000)
Search Committee for Consumer Sciences and Retailing Department Head, Chair (1997-1998)
Life Sciences Clusters Subcommittee, (1997-1998)
Leadership for Female Faculty, mentoring program (1997)
Conflict of Interest (1996-1999)
Promotion and Tenure Committee (1995-1998)
Excellence 21 Committee (1995-1996)
Interdepartmental (Graduate) Nutrition Program, Organizer and Chair (1992-1996)
Conflict Resolution Task Force (1994-1995)
Search Committee for the Dean of Science (1992) and Dean of Agriculture (1993)
Productivity Committee - Special Task Force (1993)
Graduate Council (1989-1992)
Human Subjects in Research Committee (1988-1989)
Interdepartmental Graduate Program in Food Science, Chairman (1986-1988)
Faculty Documents and Records (1980-1985)
Agricultural Experiment Station Liaison Committee (1987-1988)
School Core Curriculum Task Force, Chairman (1985-1986)
School Minigrants Task Force, Chairman (1985-1986)
School Honors Program, Chairman (1987-1989)

Awards and Honors:

Fellow of the American Society for Nutrition (2016)
Trailblazer Award, Institute of Food Technology (2016)
Nutrition and Bone Health Award, Yoplait Institute (2015)
NOF's Corporate Advisory Roundtable (CAR), Nutrition and Bone Health Award given by the Yoplait International Institute for Nutrition and Bone Health (2015)
Agricultural Communications, Association for Communications Excellence Gold Award (2014)
Purdue Spirit of the Land Grant (2013)
Herbert Newby McCoy Award (Purdue's top research award) (2012)
Linus Pauling Research Prize (2011)
Gilbert A. Leveille Lectureship and Award (ASN) (2011)
Institute of Medicine, elected member (2010)
Natural Products Association's 2010 Burton Kallman Scientific Award (2010)
American Society for Nutrition Robert H Herman Award (2009)
Harris Award Ohio State University (2008)
Woman of Indiana (2007)
North American Menopause Society/Glaxo Smith Kline Consumer Healthcare Calcium Research Award (2006)
Department of Foods and Nutrition Hall of Fame (2006)
Sigma Xi Faculty Research Award (2006)
McGovern Award Recipient, Ball State University (2006)
Centennial Laureate Award, Florida State University (2005)
American College of Nutrition Career Award (2005)
W.O. Atwater Lectureship, Agricultural Research Service, USDA and American Society for Nutritional Sciences (2003)
Michigan State University, G. Malcolm Trout Lecturer (2002)
Distinguished Professor of Foods and Nutrition (2000)
Lydia Roberts Memorial Lecturer (2000)
Julius Bauermann Lectureship Award, Philadelphia Section Institute of Food Technologists (1999)
Inducted into Purdue Teaching Academy (1997)
Institute of Food Technologists Babcock Hart Award (1997)
Distinguished Alumna, Florida State University (1997)
Outstanding Paper Award from the Vitamins and Mineral Research Interest Section, American Society for Nutritional Sciences (1997)
Elected Fellow of the Institute of Food Technologists (1996)
Special Recognition Award, Cooperative Extension Services (1995)
Elected Fellow of American College of Nutrition (1995)
Purdue University Health Promotion Award for Women (1993)
Gamma Sigma Delta Research Award of Merit at Purdue University (1992)
Ruth L. Pike Lecturer at Pennsylvania State University (1990)
Heritage Foundation Lecture at University of Alberta (1990)
Institute of Food Technologists Scientific Lecturer (1988-1991)
Institute of Food Technologists Indiana Section Outstanding Research Award (1991)
AMOCO Foundation, Inc. Purdue University Undergraduate Teaching Award (1986)
Mary L. Matthews Undergraduate Teaching Award (1985)
Award for Outstanding Service and Recognition by Indiana Section Institute of Food Technology (1984)
Who's Who of American Women, 13th ed.
Marquis Who's Who, Inc.
Eric Englund Memorial Scholarship (1976)
Sigma Xi Grant-in-Aid of Research (1976)
Florida State University Fellow (1975)

CONTRIBUTIONS IN ADMINISTRATION:**New Programs:**

Women's Global Health Institute (Weaver, Director created in 2011). The Center fosters research and education in Women's Cancers, Neurodegeneration, Bone Health and Wellness

Two student innovation competition awards – Schwann's (2006) and Abbott (2008)

Created a Foods and Nutrition Recognition Program

The Hall of Fame program and recognition event was created in 2005 to honor alumni and friends of the department.

Initiated new undergraduate major in Nutrition, Health and Fitness

A new major was created in 1992 with area of strength in nutrition, exercise physiology and health promotion with the cooperation of the department of Health, Kinesiology and Leisure Studies. By the second year, the major had grown to 70 students.

Organized new Interdepartmental (Graduate) Nutrition Program

An interdepartmental doctoral program in nutrition was organized and approved by the graduate school in 1992. After two years, over 50 faculty from 10 departments at Purdue and the Indiana University School of Medicine were participating.

Organized Corporate Affiliates Program - 1996

The departmental activity was created to promote industry partnerships in all aspects of the departmental mission. \$6,000 annual membership fee. In 1999, the program had 18 members. Use funds to buy new office furniture for graduate students, computers for faculty and students, and to sponsor a NIH Grant Writing course for F&N, ANSC, NURS, and VET faculty. By 2003, membership was 25 members and by 2006, 30 members.

Purdue-UAB Botanical Supplement Research Center (Weaver, Director and PI) created in 2000 with P50 grant from NIH. The Center has projects and research cores to study efficacy and safety of polyphenolics in botanicals in preventing age-related diseases.

Administrative Grants:

Anderson Foundation to Women's Global health Institute, 2013, \$75,000

Clinical and Translational Sciences Award UL 1RR025761 (Shekhar PI), 5/10/08-04/30/2013 \$25 million, Deputy Director (Purdue PI) 25% FTE; Renewed 2014-2019

Food Science Scholars Award, 1994-2000 Kellogg Company. \$20,000 each year

Minority Scholarships for 4-H Food Science and Nutrition Workshops 1993-1994. Kraft General Foods. \$4,200.

Purdue University Special Fellowships - annual for Interdepartmental Nutrition Program as Director, 1993-1996, 2000-

Prospective Graduate Student travel grants, 1996-2001. Procter & Gamble. \$1,500/year

Co-author of academic reinvestment awards:

1998 Ismail Center for Education, Research, and Outreach in Health and Exercise

1999 Whole Animal Cancer Research Initiative

CONTRIBUTIONS IN TEACHING:

Courses Taught at Purdue:

- NUTR 590B/605 Graduate Nutrition Core Course (co-taught with Dorothy Teegarden and Jim Fleet – developed in 2001)
- NUTR 590W Co-developed and co-taught Women's Health from Estrogen Perspective
- NUTR 290H Sophomore Honors Course (developed in 1999 and taught annually from 1999)
- NUTR/BCHM 615 Mineral Metabolism (team teaches course every other Spring until 2001)
- NUTR/FS 453 Food Chemistry (every year until 1991 and occasionally thereafter)
- NUTR 490 Honors Independent Study
- NUTR 400 Executive in the Classroom (every Fall since 1984)

NUTR 695 Seminar (1981)
NUTR 536 Readings in Foods (1980)
NUTR 203 Foods: Their Selection & Preparation (1978)
Co-teach Bone Biology with IUPUI every other year

Contributions in course and curriculum development:

Developed F&N/FS 453 Food Chemistry (4 Cr.) from F&N 322 Experimental Foods and ANSC 553 Food Chemistry

Food Chemistry F&N/FS 453 is taken by all dietetic students, nutrition science/premedicine students, foods and nutrition in business students, food engineering students, and all food science students in CFS and Agriculture until 2004. It is occasionally an elective for students in chemical engineering, veterinary medicine, food service and pharmacy. Each of the 50 plus students per semester must conduct new laboratory research projects in this course. This experience is frequently the only exposure to research for these undergraduate students. Some students continue the projects in independent study and contribute to papers for research journals.

Developed F&N 400 Executive in the Classroom

Food company executives are invited to present a lecture. The executive usually spends a day on campus with faculty and students from Foods and Nutrition, Food Science, Ag Engineering, and Animal Science programs. The department gains much from these series including needed input for program improvement, grant support, increased recruitment of our students, and greater visibility of Purdue's Departments of Foods and Nutrition and Food Science. Although this program is very time consuming, the returns for efforts spent are very valuable to Purdue and its students.

Selected Advisorships:

Food Science Club Advisor (1989-1991)
Residence Hall Faculty Fellow (1982-2001)
Undergraduate advisees - 10-15/semester (1978-1991)
Minority Access to Research Careers program - 4

Visiting Faculty

Soon Mi Kim (South Korea) – 2014
Sumaira Sharif (Pakistan) – 2014
Andrea Buchholz (Guelph University, Canada) – 2010
Warren Lee (University of Surrey, England) – 2010
Wendy Ward (University of Toronto, Canada) – 2008
Somsri Charoenkiatkul (Mahidol University, Bangkok Thailand) – 2003, 2005, 2006
Deborah Kerr (Curtain University, Perth Australia) – 2004
Ann Bock (New Mexico State University, Las Cruces NM) – 1999
Neuza Costa (co-advisor) (Universidade Federal de Vicosa, Brazil) – 1997-1998
Haebock Na (Seoul Korea) – 1995-1996
Jae Ok Koo (South Korea) – 1989-1990

Post-doctoral students

Claire Macdonald 2013-2014	Tasleem Zafar 2000-2003
Lucy Zhang 2009-2010	Karin Wigertz 1999-2002
Mohammad Shahnazari 2006-2008	Jo Cadogan 1998-1999
Jo Welch 2005	Dorothy Teegarden 1991-1994
Cristina Palacios 2001-2002	Sridhar Sathe (co-advisor) 1988-1990
Rebecca Bryant 2000-2001	Berdine Martin - 1985- (presently Research Associate)

Ph.D. students - 40

Maria Rodriguez Miaz –	
Dennis Cladis (co-advisor) –	Elaine Lipscomb – 2002
Tristan Lipke (co-advisor) – 2014	Cristina Palacios – 2001
Emily Hohman – 2014	Rebecca Bryant – 2000
Kara Egan – 2013	Xin Shen – 1998

WangHee Lee – 2011
Clara Park – 2011
Corrie Whisner – 2011
LeeCole Legette – 2010
Katie Hill – 2010
Lu Wu – 2009
Annie Elble – 2008
Susan Reinwald – 2006
Michelle Braun – 2006
Jennifer Cheong – 2005
Yongdong Zhao – 2005
Jo Welch – 2004
Lisa Spence – 2002
Qinmin Zhang – 2001
Jianwei Cai – 2001

Tasleem Ara Zafar – 1997
Lynne Connor – 1996
William Proulx – 1996
Denise Benway-Hanes – 1995
Mark Kern – 1995
Kwang Ok Park – 1995
Sujatha Rajaram – 1993
Puspa Saha (co-advisor) – 1992
Rosemary Rodibaugh (co-advisor) – 1989
Dawn Hentges – 1988
Alam Khan – 1987
Gene Evans – 1986
Cathy Johnson – 1985
April Mason – 1984
Heidi Schmidt – 1983
Mary Stuart – 1983

M.S. students - 19

Steven Jakeman – 2015
Alyssa Phillips – 2013
Jessie Wiersma – 2011
Rajni Singh – 2008
Yong Jiang – 2005
Michelle Braun – 2003
Cristina Palacios – 1998
Sarah Froese Lewis (co-advisor) – 1996
Stephanie Millane – 1995
Lisa Jackman – 1995

Jonathan Davis – 1993
Karen Plawecki – 1991
Chris Jensen – 1988
Tim Hughes – 1988
Paula Laughner – 1983
Nancy Meyer – 1982
Sharon Levine – 1981
Susan Rynearson – 1981
Pu Hua Chen – 1980

Honors students - 17

Stephanie Kuo – 2014
Mara Gallo – 2013
Jenna Koehler – 2008
Shelley Davis – 2007
Kyle Kamp – 2007
Juno Farnsworth – 2003
Lauren Crites – 1999
Jeanne Tawney – 1999
Maria (Irene) Gunawan – 1996
Mary Vellota – 1996

Lisa LaFebvre – 1991
Renita M.-Y. Chueng – 1988
Rebecca Brown – 1988
Karen Dunsen – 1987
Catherine Krueger – 1986
Sue Pinter – 1983
Cindy Troyer – 1983
Katie Michon – 1994
Deidra Bush – 1982

Teaching Publications:

Daniel, J.R., Yao, Y. and Weaver, C.M. "Carbohydrates: Functional Properties", in Food Chemistry: Principles and Applications, 2nd ed., Y. H. Hui (ed.), STS Technology System, West Sacramento, CA, 5-1 to 5-26, 2007.

Weaver, C.M. and Daniel, J.R. Ch. 5 Carbohydrate Functional Properties. In: Food Chemistry: Principles and Applications, Christen, G.L. and Smith, J.J., eds. Science & Technology Systems, West Sacramento, CA 2000 ISBN: 1-891796-01-1.

Charley, H. and Weaver, C.M. FOODS: A Scientific Approach. 3rd Ed. Prentice-Hall, Inc. Upper Saddle River, NJ 1998 Pp. 581 ISBN: 0-02-321951-3.

Weaver, C.M. and Daniel, J.R. The Food Chemistry Laboratory: A Manual for Experimental Foods, Dietetics, and Food Scientists, Vol. 16, ISBN 0849312930 2nd Ed. CRC Press, Boca Raton, FL 2003.

Contributions to Research:

Weaver, C.M. (PI) 2016-2017 The Effect of Potatoes on Potassium Retention , Acid Base Balance, and Blood Pressure Reduction and in Mildly Hypertensive Men and Women, Alliance for Potato Research and Education \$645,959

Weaver, C.M. (PI) 2016-2021 Trial of Dietary Patterns and Sodium Reduction on Blood Pressure in Adolescents, NIH/NHLBI \$8.8M

Weaver, C.M. (PI) 2014-2019 Berries and Bone, NIH R01-AT008754 \$3.8M

Teegarden, D. (Co-I) 2013-2105 Transdisciplinary Obesity Prevention Program – Undergraduate (TOPP-U) USDA Subcontract to University of Illinois \$138,068

Mattes, R.D. (Co-I) 2014-2015 Interdisciplinary Training in Signals Controlling Ingestion and Obesity NIH (T32) \$145,502

Gallant, K.H. (Mentor) 2015-2016 Phosphorus Absorption and Balance in Normal Physiology and Chronic Kidney Disease NIH K Award \$139,609

Dydak, U. (Co-I) 2015-2016 3T MRI Scanner dedicated to Life Sciences Research NIH S10 \$2,000,000

Weaver, C.M. (Deputy Dir/Co-I) 2013-2018 Indiana Clinical and Translational Sciences Institute, NIH \$2.6M

Weaver, C.M. (PI) 2013-2014 Bioavailability of Potassium from Potatoes and Potassium Citrate, Alliance for Potato Research and Education, \$343,468

Ferruzzi, M.D. (PI) 2012-2016 Exploring Foods To Enhance Health and Reduce Obesity, USDA, \$241,000

Weaver, C.M. (PI) 2012-2014 Regulation of Calcium Metabolism: Influence of RANKL Inhibition, Amgen Inc., \$170,238

Weaver, C.M. (PI) 2012-2013 Dose Response Effects of Soluble Corn Fiber (SCF) on Calcium Metabolism and Gastrointestinal Microflora in Adolescents, Tate & Lyle Ingredients Americas, Inc., \$370,092

Weaver, C.M. (PI) 2012-2013 The Effect of Grapes on Bone Health and Calcium Metabolism in a Rat Model of Postmenopausal Osteoporosis, California Table Grape Commission, \$30,000

Weaver, C.M. (PI) 2012-2013 Does High Calcium Exacerbate Atherosclerosis? Dairy Research Institute, \$110,000

Weaver C.M. (PI) 2012-2013 The Effect of Soluble Corn Fiber (SCF) on Bone Resorption in Post-Menopausal Women Using ⁴¹Ca Technology, Tate & Lyle Ingredients Americas, Inc., \$242,223

Weaver, C.M. (PI) 2012 Dose Response Effects of Soluble Corn Fiber (SCF) on Calcium Metabolism and Gastrointestinal Microflora in Adolescence, Tate & Lyle Ingredients Americas, Inc. \$370,092

Weaver, C.M. (PI) 2009-2012 Measure calcium kinetics in patients with stage 3/4 chronic kidney disease (CKD), Genzyme Corporation, \$175,632

Weaver, C.M. (PI) 2010-2011 Grant writing webinar series for research at the Food Science and Nutrition Interface USDA/NIFA \$5,000

Warden, S. (PI) 2010-2013 Indiana Center for Translational Musculoskeletal Research, IUPUI Office of the Vice Chancellor for Research, \$300,000

Weaver, C.M. 2010-2013 (PI) A randomized controlled trial of hesperidin on bone turnover in postmenopausal women, Nestle Ltd, \$405,435

Weaver, C.M. (PI) 2010-2011 SCF and Calcium utilization in adolescents, Tate & Lyle Ingredients Americas, Inc., \$196,362

Weaver, C.M. (PI) 2009-2010 CT-07-05 Calcium Absorption Study, Wyeth Consumer Healthcare Division, \$41,198.

Weaver, C.M. (PI) 2009-2010 Effect of various dietary fibers on calcium metabolism and bone parameters in an ovariectomized rodent model, General Mills, \$134,091

Weaver, C.M. (PI) 2009-2013 Calcium Metabolism in Mexican American Adolescents, NIH R01 HD061908 \$2,000,000

Weaver, C.M. (PI) 2008-2015 Discovery Park Seed Grant, Vitamin D, American Yeast/Lallemand, \$50,000.

Lewis, R. (PI) 2008-2011 Supplemental Vitamin D and Functional Outcomes in Early Adolescence, NIH HD057126 \$2,000,000

Weaver, C.M. (PI) 2008-2009 Effect of GOS Supplementation on Calcium Absorption and Retention and Bone Properties in Growing Rats, Friesland Food Domo \$86,954

Weaver, C.M. (PI) 2008-2010 Vitamin D Potency from Enriched Yeast and Bread , American Yeast/Lallemand, \$126,726

Weaver, C.M. (PI) 2008-2010 The Effect of GOS Supplementation on Calcium Absorption and Retention in Female Adolescent Girls, Friesland Food Domo \$303,818

Weaver, C.M. (PI) 2007-2008 Effect of Various Fibers on Calcium Absorption and Mineral Balance, Tate & Lyle \$160,439

Shekhar, A. (PI) Weaver, C.M. (Deputy Director) 2008-2013 Indiana Clinical and Translational Sciences Institute. NIH \$21,168,775

Weaver, C.M. (PI) 2007-2008 Corn Fiber and Calcium Absorption. GTC Nutrition, \$66,502

Pasenti, G (PI) Co-PI 2007-2012 Protective roles of grape-derived polyphenols in Alzheimer's disease. Centers for Excellence for Research on Complementary and Alternative Medicine \$2,191,569

Weaver, C.M. PI 2007-2012 Influence of dairy on bone mass accrual, bone size, and fat and lean. DMI \$1,326,127

Weaver, C.M. PI 2007-2008 The effects of particle size of calcium carbonate and vitamin D on calcium and bone parameters in adolescent girls. Delavau \$796,630

Weaver, C.M. PI 2007-2008 The effects of particle size of calcium carbonate and calcium and bone parameters in an ovariectomized rat model. Delavau \$346,279

Weaver, C.M. PI 2005-2007 The effects of particle size of calcium carbonate on calcium and bone parameters. Delavau \$119,287.

Weaver, C.M. (Sellmeyer, D., PI). 2005-2008 Potassium citrate to prevent age related bone loss: Pilot Study. NIH/NIAMS N01-AR 52275 \$466,851.

Weaver, C.M., Co-I (Boushey, C. PI). 2004-2008 Student centered web-based communities: Multi disciplinary approach for adolescent obesity prevention. USDA \$466,126.

Weaver, C.M., 2001-2010. Botanical Center for Age-Related Diseases. NIH P50 AT000477 \$14 million.

Weaver, C.M., Peacock, M., and Wastney, M. 1990-2007. Calcium metabolism in adolescents. NIH. R01 AR 40553 \$5,537,599.

Weaver, C.M. 2004-2005. Dairy vs. calcium carbonate in promoting and retaining peak bone mass in rats. DMI \$199,309.

Weaver, C.M., Campbell, W. 2004-2005. Correction of exercise-induced, sweat calcium loss in pre-menopausal sportswomen. Glaxo Smith Kline G2340324 \$163,375.

Weaver, C.M., Teegarden, D., Campbell, W., Craig, B., Hannon, T., and DiMeglio, L. 2004-2007. Calcium, dairy, and body fat. NIH R01 DK 066108-01

Weaver C.M. 2004-2005. Calcium, dairy and body fat in adolescents – supplement to NIH grant. DMI \$226,630.

Weaver, C.M. 2003. Calcium bioavailability from honey and its constituents. National Honey Board \$69,220

Weaver, C.M. 2003. Efficiency of calcium absorption from different calcium salts and Effect of resistant starch on calcium absorption. Kraft Food Inc. \$94,634.

Weaver, C.M. 2003-2004. Calcium absorption from fortified soy milks. White Wave \$200,000.

Weaver, C.M. 2002-2005. ODS Training Supplement. PHS \$123,606.

Weaver, C.M., Peacock, M., Pratt, H., McCabe, G., and Jackman, L. 1998-2002. Effect of sodium intake on calcium retention in black and white adolescent girls. NIH. HD 36609 \$1,189,331.

Weaver, C.M. (Jeffery, PI) 2000-2004. Component interactions for efficacy of functional foods. USDA \$2,510,041.

Weaver, C.M. (Savaiano, PI) 2000-2004. Improving bone health in adolescence through targeted behavioral intervention. USDA \$3.7 million.

Weaver, C.M. 2000-2001. Calcium Absorption and Retention in Adolescent Girls. General Mills. \$139,085.

Weaver, C.M. 2002. Effect of inulin on enhancing soy isoflavone bioavailability. Cargill. \$18,133.

Weaver, C.M. (Burgess, PI) 2000-2001. Protective effect of grapefruit juice consumption on disease risk. Florida Department of Citrus. \$168,741.

Weaver, C.M. (Teegarden, PI) 1999-2001. Do diets high in dairy products prevent weight gain in young women? Dairy Management, Inc. \$272,553.

Weaver, C.M. 1999-2000. The effect of soybean isoflavones on calcium metabolism in rats. Protein Technologies. \$116,953.

Weaver, C.M. 1999-2002. Effect of milk components on calcium absorption: Development of a Paracellular Absorption Model. New Zealand Dairy Board. \$300,000.

Weaver, C.M., Cullon, D., Harrison, M., Sojka, M., Story, J., Harrington, D. and Kinch, M. Women's health effects of soy protein and soy isoflavones. Protein Technologies International. \$74,289.

Lipscomb, E. (doctoral student) 1998-2000. Soybeans and calcium metabolism in postmenopausal women. NIA Special Emphasis Award. \$28,732.

Weaver, C.M. 1999. Sweat sodium loss. Quaker Oats Co. \$5,800.

Weaver, C.M. 1998-2000. Dairy nutrients that affect bone health in the elderly. Dairy Management, Inc. \$50,204.

Weaver, C.M. and Heaney, R.P. 1998-2000. Effect of soybean isoflavones on calcium absorption and metabolism in humans. United Soybean Board/Indiana Soybean Council \$202,488.

Lyle, R. and Weaver, C.M. 1997-1999. The effect of increased consumption of dietary lean beef on iron status of adolescent cross country runners compared to controls. National Cattleman's Beef Association \$59,953.

Weaver, C.M. 1998. Calcium absorption from cereals. General Mills, Inc. \$10,000.

Weaver, C.M. 1998. Effect of casein phosphopeptides and phosvitin on calcium bioavailability. Ross Laboratories. \$17,000.

Weaver, C.M. 1997-1999. Calcium absorption from various salts. Kraft General Foods, Inc. \$20,000.

Weaver, C.M. 1997-1998. Calcium bioavailability studies in the rat. Smith-Kline Beecham. \$81,643.

Teegarden, D., Weaver, C.M., McCabe, G. and Lyle, R. 1996-1998. Dairy product consumption and indicators of health in young women. Dairy Management, Inc. \$53,438.

Recker, R., R. Heaney, and C.M. Weaver. 1987-97. Calcium bioavailability from certain plant sources. NIH. AMS AHR-10 1P50 AR 39221-01T \$475,231.

Weaver, C.M. 1996. Calcium bioavailability from formulas. Ross Laboratories \$10,000.

Weaver, C.M. 1993-1996. Calcium and bone metabolism in the MIR space station. NASA. \$60,000.

Weaver, C.M. 1993-1994. Phosphate binding by ferrihydrite. Abbott Labs. \$35,000.

Weaver, C.M., Sedlock, D. Lyle, R., Hillberry, B., Johnston, C., Peacock, M., Slemenda, C., Burr. D. 1991-1995. Exercise and Bone Mass in Young Women. NIH. R01 AR 39560 \$985,120

Weaver, C.M. 1992-1994. Minority Research Supplement. NIH. \$109,373.

Weaver, C.M. 1991-1993. Pathway of absorption of calcium oxalate. Purdue Research Foundation. \$17,000.

Lyle, R., Sedlock, D. and Weaver, C.M. 1991-1992. Long-term effects of oral iron therapy and increased consumption of muscle foods on iron status in exercising women. Ntl. Livestock and Meat Board. \$64,173.

Weaver, C.M., Smith, D.L., Nielsen, S.S., Liska, B.J., and Nielsen, N.C. 1990-1991. Utilization of soybeans from tofu and soymilk: Tofu as a source of calcium. Agricultural Experiment Station. \$40,000.

Lyle, R., Sedlock, D., Melby, C., and Weaver, C.M. 1990-1991. Effect of Oral Iron therapy vs. Increased consumption on Muscle Foods on Iron Status in Exercising Women. National Livestock and Meat Board. \$57,444.

Weaver, C.M. and Smith, D.L. 1989-91. Calcium absorption from dairy products. Wisconsin Milk Marketing Board. \$179,321.

Mason, A.C. and Weaver, C.M. 1989-91. Calcium metabolism in adolescents and educating the adolescent. Agricultural Experiment Station. \$50,000.

Weaver C.M. and Smith, D.L. 1988-90. Exchangeability and absorption of calcium in humans. U.S.D.A. No. 88-37200-3695 \$165,000.

Weaver, C.M. 1989. Calcium absorption from infant formula diet in rats. Ross Laboratories. \$8,000.

Weaver, C.M. 1988-89. Calcium absorption from dairy products. Kraft, Inc. \$20,000.

Mason, A.C. and C.M. Weaver. 1987-88. The effect of soybean phytic acid content on selenium bioavailability. Mead Johnson. \$9,380.

Nielsen, S. and C.M. Weaver. 1986-88. Hard-to-cook defect in dry beans and cow peas. AID Program Support Grant. \$30,414.

Weaver, C.M. and D. Smith. 1986-88. Calcium bioavailability from milk vs. calcium supplements. Wisconsin Milk Marketing Board. \$168,603.

Weaver, C.M., D. Smith, and R. DiSilvestro. 1986-87. Mineral metabolism in the elderly. Showalter Funds. \$47,573.

Mason, A.C. and C.M. Weaver. 1985-87. The characterization of the form of selenium in soybeans. CRGO/USDA. No.

85-CRCR-1-1867 \$85,000.

Weaver, C.M. and A.C. Mason. 1985-87. Preliminary study of form of selenium in soybeans and casein. Mead Johnson. \$5,000.

Smith, J.B. and C.M. Weaver. 1985-86. The effect of dietary calcium on platelet aggregation: association with the development of hypertension. National Dairy Council. \$38,640.

Weaver, C.M. 1984-85. Dietary calcium and magnesium and hypertension. National Dairy Council. \$28,930.

Cook, J. and C.M. Weaver. 1984. Iron deficiency program support. USAID Cooperative Agreement No. DAN-00227-A-00-2204-00 \$1,000. (subcontract).

Weaver, C.M. 1984. Protein-mineral-phytic acid associations of iron, zinc, and selenium in soybeans. AES Assistantship. \$6,500.

Weaver, C.M. 1982-83. Eggs and bioavailability of zinc and selenium. American Egg Board. \$12,829.

Weaver, C.M. 1982-83. Interaction of soy flour and chopped beef on bioavailability of zinc. David Ross Grant XR 0544 \$11,500.

Weaver, C.M. 1981-82. Accumulation, distribution, and bioavailability of zinc and chromium in processed soybeans. Food Science Institute. \$10,700.

Janghorbani, M., V. Young, and C.M. Weaver. 1981-82. Labeling human foods with stable isotopes of Zn and Se. USDA. GCA279937 \$16,095. (subcontract).

Weaver, C.M. 1981-82. Availability of iron in processed soybeans. Ralston Purina Co. \$20,000.

Weaver, C.M. 1981. Intrinsic labeling of plant foods with stable isotopes. MIT. \$1,282.

Weaver, C.M. 1980-82. Removal of trace elements by processing. AES Assistantship. \$12,000.

Selected Invited Speaker:

- 2015 International Life Sciences Institute Taiwan, Taipei, Taiwan
- 2015 SHAPE American National Convention and Expo, Seattle WA
- 2015 Mini Symposium on Nutrition and Optimal Health: Calcium and Bone Health, The Hong Kong Polytechnic University, Hong Kong
- 2015 British Nutrition Foundation, Fibre Conference, London UK
- 2014 Dairy Australia, Nutrition Research & Science - Industry Promotion and Product Innovation, Melbourne and Hobart, Australia
- 2014 13th Pan American Dairy Congress, Mexico
- 2014 University of California San Francisco, San Francisco, CA
- 2014 University of Colorado Medical Center, Denver, CO
- 2013 American Society for Nutrition (2 talks)
- 2013 International Union of Nutrition Science, Grenada Spain (3 talks)
- 2013 Safety of Calcium Supplementation, AUB School of Medicine, Beirut, Lebanon; European Endocrine Society, Italy; IFT Wellness 13, Chicago, IL; Endocrine Society, NOF
- 2013 ⁴¹Ca Methodology, National Institutes of Health, Bethesda, MD
- 2013 Co-organized and speaker at Nutrition Aspects of Osteoporosis, Lausanne, Switzerland
- 2013 Nutrition and Bone Health, Pennsylvania State University, Pittsburg, PA
- 2013 International Breast Cancer and Nutrition Program, University of the Republic, Montevideo, Uruguay.
- 2012 Organized Nutrition Working Group, ASBMR Minneapolis, MN
- 2012 Processed Foods and Discussion on Calcium Supplement Safety Clinical meeting, American Society for Nutrition
- 2012 Calcium Supplement Safety Debate, European Endocrine Society
- 2012 Co-Organized and gave two talks, Nutritional Aspects of Osteoporosis, Lausanne, Switzerland
- 2012 Organized Purdue White Vegetables Roundtable, Chicago, IL

2012 Diet and Bone Health University of Aberdeen, Scotland

2010, 2011, 2012 Co-organizer of International Breast Cancer and Nutrition symposia, Purdue and France

2011,2012 International Scientific Association for Probiotics and Prebiotics, Invited Speaker, Berkeley, Cork Ireland

2011 Organized Symposium, Using evidence based reviews to determine dietary advice: Vitamin D as a case study, IFT New Orleans

2011 Processed Foods and Bone and BMI talks, American Dietetics Association annual meeting, San Diego, CA

2011 Linus Pauling Prize lecture, Oregon

2011 Gilbert A. Leveille Lecture at Experimental Biology

2011 Calcium Requirements, American Association of Cereal Chemist, Cincinnati, OH

2010 Symposium at Experimental Biology, Nutritional magnesium status in North America

2010 Organizer and speaker for ASBMR Nutrition Working Group on new calcium and vitamin D requirements

2010 Keynote for 2010 Dietary Guidelines Roundtable, Chicago, IL and Washington, DC

2010 IFT Pre-conference short course on 2010 Dietary Guidelines

2010 Improving Vitamin D Status: A North American Perspective, Roundtable Discussion New Zealand

2010 Why should my teen consume dairy, New Zealand

2010 Calcium Requirements: Western view, New Zealand

2010 Planning Committee and speaker for NIH Consensus conference on Lactose Intolerance, February 22-24

2009 Co-Organized and gave 2 talks at the 7th Nutritional Aspects of Osteoporosis Symp., Lausanne Switzerland

2009 Symposium at Experimental Biology on Translational Research

2009 Organized Nutrition Working Group on vitamin K at ASBMR

2009 Scripps, University of Arkansas

2008 Australia Nutrition Conference

2008 Organized Mini-symposium on Bone Health at Experimental Biology, San Diego, CA

2008 Osteoporosis Symposium, Florida State University

2008 Debate – “Should Milk be part of a Healthy Vegetarian Diet” – Intl. Vegetarian Congress, Loma Linda, CA

2007 Continuing Education for Physicians, Series around South Africa

2007 Organized and spoke at Nutrition Working Group – ASBMR, Honolulu, HI

2007 Plenary speaker on Building Peak Bone Mass – Asian Nutrition Congress, Taipei, Taiwan

2007 International Dairy Federation – Calcium Requirements for Overweight and Obese, Dublin, Ireland

2007 Organized Botanicals Workshop at Experimental Biology, Washington, DC

2007 National Osteoporosis Federation CE Conference, Washington, DC

2007 Botanicals Research, Ethno-Botany Society Annual Meeting, Chicago, IL

2006 Organized Ca-41 Pre-American Society for Bone and Mineral Research meeting

2006 Vitamin D, calcium homeostasis, and skeletal acquisition in children, ASBMR Conference on Vitamin D, Washington, DC

2006 John Hopkins Continuing Education Seminar, ASBMR, Washington, DC

2006 Iowa Dietetics Association

2006 Congressional Briefing on Lifelong Importance of Calcium and Vitamin D

2006 Interrelationship between Calcium Intake, Vitamin D Status, and Calcium metabolism in Adolescents, Nutrition Aspects of Osteoporosis, 6th International Conference, Lausanne Switzerland

2006 Organized Controversy Session on Calcium Requirements for Experimental Biology at Experimental Biology, San Francisco, CA

2005 When Food Science Meets Nutrition Forums, IFT, EB, San Francisco

2006 McGovern Lecturer, Ball State University

2005 Hot Topics on Dietary Guidelines – IFT

2005 Research Award Lecture and Symposium Speaker, CAN, South Canada

2005 Inulin and Bone Health, Mexico City

2005 Vitamin D Requirements, University of Otago, Dunedin, New Zealand

2005 Esther Peterson Lecture on 2005 Dietary Guidelines from Nutrients to Food Patterns at American Council on Consumer Interests, The Ohio State University, Columbus, OH

2005 Dietary Guidelines for Building Bones and Health Weight, Nutrition File Seminars, Calgary, Alberta, Canada and Washington, DC

2005 Healthy School Initiatives in Alberta, Alberta, Canada

2004 Food and Nutrition Board Conference on Updating the DRIs: A case for Vitamin D

2004 Meet-the-Professor at American Society for Bone and Mineral Research

2004 Role of Calcium Nutrition and Other Lifestyle Factors in Bone Health, Harvard Univ., Boston, MA

2004 Nutrition Issues in Beverages Served at Schools, Nutrition Director’s Conference, Athens, GA

2003 NIH Symposium on Nutrition and Building Peak Bone Mass, Washington, DC
 2003 NIH Conference on vitamin D, Washington, DC
 2003 Plenary Lecture on Calcium and Peak Bone Mass for ASBMR, Minneapolis, MN
 2003 International Dairy Conference, Australia
 2003 Keynote Speaker at 7th Congress of Nutrition, Brazil
 2003 Botanicals Research, American College of Nutrition Symposium, Nashville, TN
 2003 Eighth International Symposium on the Synthesis and Applications of Isotopes and Isotopically Labeled Compounds, Boston, MA
 2003 Effect of Soy Protein on Bone Health, FDA Toxicology Forum, Aspen, Colorado
 2003 Fortification vs. Upper Levels, Institute of Food Technology Symposium, Chicago, IL
 2003 Calcium Retention as a Function of Calcium Intake Nutritional Osteoporosis 5th International Conference, Lausanne, Switzerland
 2003 Osteoporosis Prevention, American Association Food Service Symposium, Reno, NV
 2003 W.O. Atwater Lecturer, Defining Nutrient Requirements from a Perspective of Bone Related Nutrients, Experimental Biology, San Diego, CA
 2003 Lifestyle Choices that Influence Calcium Requirements for Optimizing Peak Bone Mass Symposium, Experimental Biology, San Diego, CA
 2002 Botanicals Research Centers from a Center Directors Perspective. External Review by NIH.
 2002 Surgeon General's Workshop on Osteoporosis Prevention, Washington, DC
 2002 Malcom G. Trout Lecture, Michigan State University
 2002 Bone Health Hazards: The make it or break it Teenage Years, Wyeth Consumer Products, Global Nutrition Advisory Board, Quebec City, Canada
 2002 Building Bright Futures: Neonatal, Pediatric and Adolescent Nutrition in the 21st Century, IUSM
 2002 What's New with Calcium?, Ohio Nutrition Council
 2002 New England Dairy Lecturer at St. Luke's Presbyterian, NYC and Rutgers University
 2002 Can You Eat Your Way to Stronger Bones?, National Osteoporosis Foundation, Honolulu
 2001 Milk Components and Bone Health, International Dairy Foundation, Auckland, New Zealand
 2001 Biomarkers for Bone Resorption at Functional Foods meeting in Paris, France
 2001 Three day workshop/seminars on Calcium Nutrition, Bangkok, Thailand
 2001 Calcium Needs of Growing Children, Caracas, Venezuela
 2001 Botanical Dietary Supplements: Natural Products at a Crossroads, Asilomar, California
 2001 Calcium Editors Conference, Florida
 2001 Graduate seminar – student's select and host, University of Missouri
 2001 Maine State Symposium in Osteoporosis, Sugar Loaf, ME
 2001 Maximizing Bone Density in the Active Adolescent, ASCN, Baltimore, MD
 2001 Institute of Food Technologists, "Where the "R" has gone in R&D", New Orleans, LA
 2000 Phytoestrogens and Bone Health, Nutritional Osteoporosis 4th International Conf., Lausanne, Switzerland
 2000 Coordinated Indiana Calcium Initiative and gave a presentation, Indianapolis, IN
 2000 Panelist on Nutrition Pre-ASBMR Meeting, McMaster's University, Hamilton, Ontario
 2000 The Role of Diet in Development of Peak Bone Mass, NICHD Council, Washington, DC
 2000 Nutrition Research Throughout the Lifespan: Discoveries and Implications for Women's health, Washington, DC
 1999 Calcium Fortification of Recombinant Milk and Milk Products, Penang, Malaysia
 1999 Symposia on Calcium Physiology and Bones, Massey University, Palmerston North, New Zealand and Public Presentation on Nutrition and Adolescent Bone Health, Auckland, New Zealand
 1999 NIH funded Pediatric Nutrition Conference on the New DRI's for Calcium and Long-Term Implications, Indianapolis, IN
 1999 Irish Nutrition Society annual meeting on The Growing Years and Prevention of Osteoporosis Later in Life, Dublin, Ireland and Seminar on Calcium Absorption Physiology, University of Ulster, Coleraine, Ireland
 1999 Workshop new Paradigms in Calcium Absorption and Retention, Experimental Biology, Washington, DC
 1999 Organizer and Moderator of Focus Group on Improving Micronutrient Quality of the Diet at Experimental Biology, Washington, DC and co-organizer of symposium on same topic at International Life Science Institute annual meeting in Nassau, Bahamas
 1999 Moderator for debate on Soy Isoflavones in Functional Foods at Experimental Biology, Washington, DC
 1999 Nutrition and Osteoporosis, Foundation for Osteoporosis Research and Education, Oakland, CA
 1999 Third Annual Maine State Symposium on Osteoporosis, Bangor, ME
 1998 Invasive and Non-Invasive Measures of the Skeleton. American Dairy Science Association and American Society of Animal Science, Denver, CO

1998 Calcium Metabolism in Adolescents, Helsinki, Finland; Stockholm, Sweden, Aarhus, Denmark
 1998 Calcium and Osteoporosis, Women's Health Conference, Texas A&M University
 1997 Mineral Issues in Preventing Stress Fractures in Military Women, NAS, Washington, DC
 1997 Calcium and Magnesium Bioavailability Workshop, Washington, DC
 1997 Calcium Fortification Considerations, Health Canada, University of Toronto
 1997 Visiting Professor in Nutrition, University of Iowa
 1997 Women's Health Conference on Preventing Osteoporosis, Washington, DC
 1997 Nutrition Concerns for Kids and New RDAs, Institute of Food Technologists, Orlando, FL
 1997 Functional Foods Symposium Speaker on Fortification Strategies, Cork, Ireland
 1997 Indiana Dairy Council Speaker on Setting the New Calcium Requirements, Indianapolis, IN
 1997 Nutrition Concerns for Kids and Fat Substitute, Department of Education Annual Conference, Indianapolis, IN
 1997 Dietary Choices for Receiving Adequate Calcium, Vegetarian Nutrition Congress, Loma Linda, CA
 1996 Calcium Bioavailability for American Dietetics Association San Antonio, TX
 1996 Hot Topic Symposium on Mineral Fortification of Foods for the American Institute of Nutrition, the IFT, and the American Dietetics Association National Meeting San Antonio, TX
 1996 Bone Research in Space, Tokyo, Japan
 1996 Summary of Research Conducted in Children: Fiber, Salt, and Calcium for the American College of Nutrition, San Francisco, CA
 1996 Food Science Publication Education, Edmonton, Canada
 1996 Update for Health Care Professionals on Calcium Requirements, Boise, ID, Cincinnati, OH, Washington, DC, Columbus, OH
 1996 Organized conference on Obesity for International Life Science Institute, Cancun, Mexico
 1995 Calcium Requirements throughout the Life Cycle, London, England
 1995 University of Cincinnati Children's Hospital on Building Peak Bone Mass
 1995 Public Health Nutrition Update Conference on Adolescence: A time to Build Peak Bone Mass, University of North Carolina, Chapel Hill
 1995 Dairy Farmers of Canada, Quebec City, Canada on Calcium Requirements
 1995 Update for Health Care Professionals on Preventing Osteoporosis, Salem, OR; Albuquerque, NM; Indianapolis, IN; Denver, CO; Stanford, CA
 1995 International Life Science Institute on Calcium and Bone Health, Cancun, Mexico
 1994 NIH Consensus Conference on Optimal Calcium Intakes on Calcium Bioavailability
 1994 Nutrition and Osteoporosis, 2nd International Conference, Lausanne, Switzerland
 1994 Area IV - Dietetics Practice Group on Food Science for Dietetics Students, Albuquerque, New Mexico
 1994 Institute of Food Technologists Symposium on The Muscle Food Iron Controversy
 1993 AIN and ASBMR Symposia on Age Related Calcium Requirements
 1993 National Cooperative Extension Food and Nutrition Specialist Workshop on Osteoporosis
 1992 NASA on Calcium Metabolism
 1992 Indiana Nutrition Council on Calcium and Osteoporosis
 1992 Science Careers in Search for Women, Argonne National Laboratory Keynote Speaker "Calcium What it Can Do for Me?"
 1992 Trace Element Mineral Metabolism Conference, Washington, DC, Calcium Metabolism in Adolescents
 1992 International Congress on Vegetarian Nutrition, Washington, DC, on Calcium Bioavailability
 1991 Nutrition and Osteoporosis Symposium, Lausanne, Switzerland
 1991 American Institute of Nutrition Symposium on Nutrition and Exercise
 1991 U.S.-Japanese Conf., Washington, D.C. Calcium Bioavailability and its Relationship to Osteoporosis
 1990-91 IFT Scientific Lecturer in Minnesota and Oregon on Fat and Sugar Substitutes
 1991 Indiana Nutrition Council
 1991 Indiana Workshop on Nutrition, Health and Performance: Educating the Adolescent
 1990 Centro Internazionale di Studi sull'Alimentazione-Symposium on Role of Dairy Products in Nutrition of the Elderly, Reggio Emilia, Italy.
 1990 American Dairy Science Association on Osteoporosis and Dairy Product Consumption
 1990 Ruth L. Pike Lecture, Pennsylvania State University
 1990 Heritage Foundation Lecture, University of Alberta
 1989 American Oil Chemists Society on Effect of Phytate on Mineral Bioavailability
 1989 Institute of Food Technologists on Nutritionists in the Food Industry
 1989 FASEB Summer Conferences on Trace Elements (1985, 1983)
 1988 IFT Scientific lecturer - Central New Jersey, Atlanta, Washington, D.C., Chicago on the Calcium Craze
 1988 Chicago Nutrition Association on Bioavailability of Minerals

1988	Society in Nutrition on Calcium
1988	Indiana Governor's Council on Aging
1988	Indiana Dietetics Association on Calcium
1987	American Association of Cereal Chemists on Calcium and Hypertension
1987	National Extension Homemakers Council on Calcium
1987	Speaker and Chair of Symposium at FASEB on Calcium Absorption, Vitamin D, and Osteoporosis
1987	American Oil Chemists Society Symposium on Sucrose Esters
1986	Speaker and organizer of symposium at IFT on Food, Nutrients, and Hypertension
1985	USDA/CSRS Workshop on the Role of Nutrition in Health Maintenance, Urbana, IL
1984	International Conference on Selenium in Biology and Medicine, Beijing, China
1983	American Chemical Society Symposium on Stable Isotopes in Nutrition

Many additional lectures to industry, government, medical centers, universities, and extension training workshops, as well as clubs and special groups.

Refereed Publications of Original Research:

1. Whisner CM, Martin BR, Nakatsu, CH, Story JA, MacDonald-Clarke CJ, McCabe LD, McCabe GP, Weaver CM. Soluble corn fiber increases calcium absorption associated with shifts in the gut microbiome. A randomized dose-response trial in free-living pubertal girls. *J Nutr*, In press, 2016.
2. Bailey RL, Parker EA, Rhodes DG, Goldman JD, Clemens JC, Moshfegh AJ, Thuppal SV, Weaver CM. Estimating sodium and potassium intakes and their ratio in the American diet: Data from the 2011-2012 NHANES. *J Nutr* 2016 doi: 10.3945/jn.115.221184
3. Ferira AJ, Laing EM, Hausman DB, Hall DB, McCabe GP, Martin BR, Hill KM, Warden SJ, Weaver CM, Peacock M, Lewis RD. Vitamin D supplementation effects on insulin sensitivity and resistance in early pubertal white and black children. *J Clin Endocrinol Metab*, In Press, 2016.
4. Bailey RL, Parker EA, Rhodes DG, Goldman JD, Clemens JC, Moshfegh AJ, Thuppal SV, Weaver CM. Estimating sodium and potassium intakes and their ratio in the American Diet: Data from the 2011-2012 NHANES. *J Nutr*, 2016 doi:10.3945/jn.115.221184.
5. Martin BR, McCabe GP, McCabe L, Jackson GS, Horcajada MN, Offord-Cavin E, Peacock M, Weaver CM. Effect of Hesperidin with and without a calcium (Calcilock®) supplement on bone health in postmenopausal women. *J Clin Endocrinol Metab*. 101:923-927, 2016.
6. Bailey RL, Looker AC, Lu Z, Fan R, Eicher-Miller HA*, Fakhouri TH, Gahche JJ, Weaver CM, Mills JM. B-vitamins and bone mineral density and risk of lumbar osteoporosis in older females in the U.S. *Am J Clin Nutr* 102:687-954, 2015.
7. Jackson GS, Einstein JA, Kubley T, Martin BR, Weaver CM, Caffee MW. Biomedical graphite and CaF₂ preparation and measurement at PRIME Lab. *Nucl Instr and Meth in Phys Res B*. 361:358-362, 2015.
8. Phillips-Eakley AK, McKenney-Drake ML, Bahls M, Newcomer SC, Radcliffe JS, Wastney ME, Van Alstine WG, Jackson G, Alloosh M, Martin B, Sturek M, Weaver CM. Effect of high-calcium diet on coronary artery disease in Ossabaw miniature swine with metabolic syndrome. *J Am Heart Assoc* e001620, 2015.
9. Schafer AL, Weaver CM, Black DM Wheeler AL, Chang H, Szefc GV, Steward L, Rogers SJ, Carter JT, Posselt AM, Shoback DM, Sellmeyer DE. Intestinal calcium absorption decreases dramatically after gastric bypass surgery despite optimization of vitamin D status. *J Bone Miner Res* 30:1377-1385, 2015.
10. Pawlowski J, Martin B, McCabe G, McCabe L, Jackson G, Peacock M, Barnes S, Weaver CM. Impact of equal producing capacity and soy isoflavone profiles of supplements on bone calcium retention in postmenopausal women: a partially randomized crossover trial. *Am J Clin Nutr* 102:695-703, 2015
11. McKenney ML, Territo PR, Salavati AI, Houshmand S, Persohn S, Liang Y, Sturek JM, Alloosh M, Moe SM, Weaver CM, Alavi A, Sturek, M. ¹⁸F-NaF positron emission tomography imaging of early coronary artery calcification. *J Am Coll Cardiology* 2015 doi:10.1016/j.jcmg.2015.02.026.
12. Hohman EE, Weaver CM. A grape-enriched diet increases bone calcium retention and cortical bone properties in ovariectomized rats. *J Nutr* 145:253-259, 2015.
13. Nakatsu CH, Weaver CM, Martin BR, Clavijo A, Barnes S. Fecal bacterial community changes associated with isoflavone metabolites in postmenopausal women after soy bar consumption. *PONE* 9:e108924, 2014.
14. Hohman EE, McCabe GP, Peacock M, Weaver CM. Validation of urinary calcium isotope excretion from bone for screening anabolic therapies for osteoporosis. *Osteoporos Int* 25:2471-2475, 2014.
15. Whisner CM, Martin BR, Nakatsu CH, McCabe GP, McCabe LD, Peacock M, Weaver CM. Soluble maize fibre affects short-term calcium absorption in adolescent boys and girls: a randomized controlled trial using dual stable isotopic tracers. *Br J Nutr* 112:446-456, 2014.

16. Park CY, Lee WH, Fleet JC, Allen MR, McCabe GP, Walsh DM, Weaver CM. Calcium and vitamin D intake maintained from pre-ovariectomy independently affect calcium metabolism and bone properties in Sprague Dawley rats. *J Nutr* 25:1905-15, 2014.
17. Pawlowski J, Martin B, McCabe G, Ferruzzi M, Weaver, C. Plum and soy aglycon extracts superior at increasing bone calcium retention in ovariectomized Sprague Dawley rats. *J Ag Food Chem.* 62:6108-14, 2014.
18. Palacios C, Martin BR, McCabe GP, McCabe L, Peacock M, Weaver CM. Dietary calcium requirements do not differ between Mexican American boys and girls. *J Nutr* 144:1167-1173, 2014.
19. Legette LL, Prasain J, King J, Arabshahi A, Barnes S, Weaver CM. Pharmacokinetics of equol, a soy isoflavone metabolite, changes with the form of equol (dietary versus intestinal production) in ovariectomized rats. *J Ag Food Chem* 62:1264-1300, 2014.
20. Lewis RD, Liang EM, Hill Gallant KM, Hall DB, McCabe GP, Hausman DB, Martin BR, Warden SJ, Peacock M, Weaver CM. A randomized trial of vitamin D3 supplementation in children: Dose-response effects on vitamin D metabolites and calcium absorption. *J Clin Endocrin Med* 98:4816-4825, 2013.
21. Shaltiel G, Bar-David E, Meiron OE, Waltman E, Shechter A, Aflalo ED, Stepensky D, Berman A, Martin BR, Weaver CM, Sagi A. Bone loss prevention in ovariectomized rats using stable amorphous calcium carbonate. *Health, Special Issue: New and Emerging Therapies for Osteoporosis.* *Health* 5(7A2):18-29, 2013.
22. Warden SJ, Hill KM, Ferira AJ, Laing EM, Martin BR, Hausman DB, Weaver CM, Peacock M, Lewis RD. Racial differences in cortical bone and biochemical variables in black and white children in the early stages of puberty. *Osteoporos Int* 24:1869-79, 2013
23. Lipkie TE, Janaschb A, Cooperb JR, Hohman EE, Weaver CM, Ferruzzi MG. Quantification of vitamin D and 25-hydroxyvitamin D in soft tissues by liquid chromatography-tandem mass spectrometry. *J Chromatography B* 932:6-11, 2013.
24. Bhattacharyya M, Weaver. Calcium Isolation from Large-Volume Human Urine Samples for ⁴¹Ca Analysis by Accelerator Mass Spectrometry. *Appl Rad Isotopes* Accepted, 2013.
25. Simon RR, Borzellaeca JF, DeLuca HF, Weaver CM. Safety assessment of the post-harvest treatment of button mushrooms (*Agaricus bisporus*) using ultraviolet light. *Food Chem Toxicol* 56:278-289, 2013.
26. Whisner CM, Martin BR, Schoterman MHC, Nakatsu CH, McCabe LD, McCabe GP, Wastney ME, van den Heuvel EGHM, Weaver CM. Galacto-oligosaccharides increase calcium absorption and gut bifidobacteria in young girls: A double blind crossover trial. *Br J Nutr* 110:1292-1303, 2013.
27. Palacios C, Wigertz K, Braun M, Martin BR, McCabe GP, McCabe L, Pratt JH, Peacock M, Weaver CM. Magnesium retention from metabolic balance studies in female adolescents: impact of race, dietary salt and calcium. *Am J Clin Nutr* 97:1014-9, 2013.
28. Hill KM, Martin BR, Wastney ME, McCabe GP, Moe SM, Weaver CM, Peacock M. Oral calcium carbonate affects calcium but not phosphorus balance in stage 3-4 chronic kidney disease. *Kidney Intl* 83:959-966, 2013.
29. Moseley K, Weaver C, Appel L, Sebastian A, Sellmeyer DE. Potassium citrate supplementation results in sustained improvement in calcium balance in older men and women. *J Bone Miner Res* 28:497-504, 2013.
30. Wastney M, Lee W, Jackson GS, Alloosh M, Sturek, Lachcik P, Peacock M, Martin B, Weaver CM. Soft tissue calcification in the Ossabaw miniature pig: experimental and kinetic modeling studies. *Osteoporos Intl* 24:2123-2126, 2012.
31. Warden ST, Hill KM, Ferira AJ, Laing EM, Martin BR, Hausman DB, Weaver CM, Peacock M, Lewis RD. Racial differences in cortical bone and their relationship to biochemical variables in black and white children in the early stages of puberty. *Osteoporosis Intl.* 24:1869-1879, 2012.
32. Hill KM, Laing EM, Hausman DB, Acton A, Martin BR, McCabe GP, Weaver CM, Lewis RD, Peacock M. Bone turnover is not influenced by serum 25-hydroxyvitamin D in pubertal healthy black and white children. *Bone* 51:795-799, 2012.
33. Osborne DL, Weaver CM, McCabe LD, McCabe GP, Novotny R, Van Loan MD, Going S, Matkovic V, Boushey CJ, Savaiano DA. Body size and pubertal development explain ethnic differences in structural geometry at the femur in Asian, Hispanic, and white early adolescent girls living in the U.S. *Bone* 51:888-95, 2012.
34. Hill KM, Jonnalagadda SS, Albertson AM, Josh NA, Weaver CM. Top food sources contributing to vitamin D intake and the association of ready-to-eat cereal and breakfast consumption habits to vitamin D intake in Canadians and United States Americans. *J Food Sci* 77:H170-5, 2012.
35. Legette LL, Lee WH, Martin BR, Story JA, Campbell JK, Weaver CM. Enhanced magnesium absorption and inulin-based fibers exert chronic effects on calcium utilization in a postmenopausal rodent model. *J Food Sci* 77:89-94, 2012.
36. Adamec J, Kannasch A, Huang J, Hohman E, Fleet JC, Peacock M, Ferruzzi MG, Martin B, Weaver CM. Development and optimization of an LC-MS/MS based method for simultaneous quantification of vitamin D2, vitamin D3, 24-hydroxyvitamin D2 and 25-hydroxyvitamin D3. *J Sep Sci.* 34(1):11-20, 2011.
37. Osborne DL, Weaver CM, McCabe LD, McCabe GM, Novotny R, Boushey C, Savaiano DA. Tanning predicts bone

- mass but not structure in adolescent females living in Hawaii. *Am J Hum Biol.* 23(4): 470-8, 2011.
38. Weaver CM, Martin BR, Nakatsu CH, Armstrong AP, Clavijo A, McCabe LD, McCabe GP, Duignan S, Schoterman MG, van den Heuvel EG. Galactooligosaccharides improve mineral absorption and bone properties in growing rats through gut fermentation. *J Agric Food Chem.* 59(12):6501-10, 2011.
 39. Legette LL, Lee WH, Martin BR, Story JA, Arabshahi A, Barnes S, Weaver CM. Genistein, a phytoestrogen, improves total cholesterol, and Synergy, a prebiotic, improves calcium utilization, but there were no synergistic effects. *Menopause* 18(8):923-31, 2011.
 40. Zhang Q, Wastney ME, Rosen CJ, Beamer WG, Weaver, CM. Insulin-like growth factor I increases bone calcium accumulation only during rapid growth in female rats. *J Nutr.* 141: 2010-6, 2011. Doi: 10.395/jn111.142679
 41. Weaver CM, Campbell WW, Teegarden D, Craig BA, Martin BR, Singh R, Braun MM, Apolzan J, Hannon TS, Schoeller DA, DiMeglio L, Hickey Y, Peacock M. Calcium, dairy products, and energy balance in overweight adolescents: A controlled trial. *Am J Clin Nutr* 94:1163-1170, 2011.
 42. Elble AE, Hill KM, Park CY, Martin BR, Peacock M, Weaver CM. Effect of calcium carbonate particle size on absorption and retention in adolescent girls. *J Am Col Nutr* 30:171-177, 2011.
 43. Eicher-Miller HA, Mason AC, Weaver CM, McCabe GP, Boushey CJ. Food insecurity is associated with diet and bone mass disparities in early adolescent males but not females in the United States. *J Nutr* 111:1-8, 2011.
 44. Hill KM, Braun MM, Egan KA, Martin BR, McCabe LD, Peacock M, McCabe GP, Weaver CM. Obesity augments calcium-induced increases in skeletal calcium retention in adolescents. *J Clin Endocrinol Metab* 96:2171-7, 2011. PMID21490075
 45. Cheong J, Gunaratna N, McCabe G, Jackson G, Kempa-Steczko A, Weaver C. Bone seeking labels as markers for bone turnover: Validation of urinary excretion in rats. *Osteoporosis Intl.* 22:153-157, 2011.
 46. O'Connell DN, Weinheimer EM, Martin BR, Weaver CM, Campbell WW. Water turnover assessment in overweight adolescents. *Obesity* 19:292-297, 2011.
 47. Hohman EE, Martin BR, Lachcik PJ, Gordon DT, Fleet JC, Weaver CM. Bioavailability and efficacy of vitamin D² from UV—irradiated yeast in growing, vitamin D-deficient rats. *J Agri Food Chem* 56:2341-2346, 2011.
 48. Lee W-H, Wastney M E, Jackson GS, Martin BR, Weaver CM. Interpretation of ⁴¹Ca data using compartmental modeling in post-menopausal women. *Anal Bioanal Chem.* 399:1613-1622, 2011.
 49. Lee W, McCabe GP, Martin BR, Weaver CM. Validation of a simple isotope method for estimating true calcium fraction absorption in adolescents. *Osteoporos Intl* 22(1):159-166, 2011.
 50. Lee WH, McCabe GP, Martin BR, Weaver CM. Simple isotopic method using oral stable or radioactive tracers for estimating fractional calcium absorption in adult women. *Osteopor Intl* 22:1829-1834, 2011.
 51. Hill KM, McCabe GP, McCabe LD, Gordon CM, Abrams SA, Weaver CM. An inflection point of serum 25-hydroxyvitamin D for maximal suppression of parathyroid hormone is not evident from multi-site pooled data in children and adolescents. *J Nutr* 140:1938-88, 2010.
 52. Zhao Y, Cheong JMK, Lee WH, Wastney M, Martin BR, Weaver CM. Tetracycline and calcium kinetics are comparable in estimating bone resorption in rats. *J Nutr* 140:1704-1709, 2010.
 53. Martin BR, Braun MM, Wigertz K, Bryant R, Zhao Y, Lee WH, Kempa-Steczko A, Weaver CM. Fructooligosaccharides and calcium absorption and retention in adolescent girls. *J Am Coll Nutr* 29:382-386, 2010.
 54. Weaver CM, Martin BR, Story JA, Hutchinson I, Sanders L. Novel fibers increase bone calcium content and strength beyond efficiency of large intestine fermentation. *J Ag Food Chem.* 58:8952-8957, 2010.
 55. Wu L, Martin BR, Braun MM, Wastney ME, McCabe GP, McCabe LD, DiMeglio LA, Peacock M, Weaver CM. Calcium requirements and metabolism in Chinese American boys and girls. *J Bone Miner Res* 25(8):1842-9, 2010.
 56. Park CY, Hill KM, Elble AE, Martin BR, DiMeglio LA, Peacock M, McCabe GP, Weaver CM. Daily supplementation with 25 µg cholecalciferol does not increase calcium absorption or skeletal retention in adolescent girls with low serum 25-hydroxyvitamin D. *J Nutr* 140:2139-44, 2010.
 57. Reinwald S, Mayer LP, Hoyer PB, Turner CH, Barnes S, Weaver CM. A longitudinal study of the effect of genistein on bone in two different murine models of diminished estrogen-producing capacity. *J Osteoporosis* 2010 doi:10.4061/2010/145170.
 58. Janle E, Lila MA, Wood L, Higgins A, Yousef GG, Rogers RB, Kim H, Jackson GS, Ho L, and Weaver C. Method for evaluating the potential of ¹⁴C labeled plant polyphenols to cross the blood-brain barrier using accelerator mass spectrometry. *Nuclear Instruments and Methods in Physics Research B*, 268:1313-1316, 2010.
 59. Mun JG, Grannan MD, Lachcik PJ, Rogers RB, Yousef GG, Grace MH, Janle EM, Wu QL, Simon JE, Weaver CM, Lila MA. Tracking deposition of a ¹⁴C-radiolabeled kudzu hairy root-derived isoflavone-rich fraction into bone. *Exp. Biol. Med* 235:1224-1235, 2010.
 60. Janle EM, Lila MA, Grannan M, Wood L, Higgins A, Yousef GG, Rogers RB, Kim H, Jackson GS, Ho L, Weaver CM. Pharmacokinetics and tissues distribution of ¹⁴C labeled grape polyphenols in the periphery and the central nervous system following oral administration. *J Med Food* 13(4)926-33, 2010.
 61. Shahnazari M, Burr DB, Lee W-H, Martin BR, Weaver CM. Cross-calibration of ⁴⁵calcium kinetics against dynamic

- histomorphometry in a rat model to determine bone turnover. *Bone* 46:1238-43, 2010.
62. Palacios C, Wigertz K, Martin BR, Braun M, Pratt JH, Peacock M, Weaver CM. Racial differences in potassium homeostasis in response to differences in dietary sodium in girls. *Am J Clin Nutr* 91(4):597-603, 2010.
 63. Mun JG, Grannan M, Lachcik P, Reppert A, Yousef GG, Rogers RB, Janle EM, Weaver CM, Lia MA. Metabolic tracking of ¹⁴C-labeled isoflavones. *Br J Nutr* 9:1-8, 2009.
 64. Ferruzzi MG, Lobo JK, Janle E, Cooper B, Simon JE, Wu Q-L, Welch C, Ho L, Weaver C, Pasinetti GM. Bioavailability of gallic acid and catechins from grape seed polyphenol extract is improved by repeated dosing in rats: implications for treatment of Alzheimer's Disease. *J Alzheimers Dis* 18:113-24, 2009.
 65. Cheong JMK, Gunaratna NS, McCabe GP, Jackson JS, Weaver CM. Bone seeking labels as markers for bone turnover: effect of dosing schedule on labeling various bone sites in rats. *Calcif. Tissue Intl.* 85(5): 444-450, 2009.
 66. Eicher-Miller HA, Mason AC, Weaver CM, McCabe GP, Boushey CJ. Food insecurity is associated with iron deficiency anemia in US adolescents. *Am J Clin Nutr* 90(5):1358-1371, 2009.
 67. Welch JM, Wade JA, Hillberry BM, Weaver CM. Force platform for rats measures fore and hind forces concurrently. *J. Biomechanics* 42(16):2734-2738, 2009.
 68. Legette LL, Martin BR, Shahnazari M, Lee W-H, Helferich WG, Qian J, Waters DJ, Arabshahi A, Barnes S, Welch J, Weaver CM. Dose ranging study of dietary equol on bone parameters and reproductive tissue activation in ovariectomized rats. *J Nutr.* 139(10):1908-1913, 2009.
 69. Weaver CM, Martin BR, Jackson GS, McCabe GP, Nolan JR, McCabe LD, Barnes S, Reinwald S, Boris ME, Peacock M. Antiresorptive effects of phytoestrogen supplements compared to estradiol or Risedronate in postmenopausal women using ⁴¹Ca methodology. *J Clin Endocrinol Metab.* 94(10): 3798-3805, 2009.
 70. Weaver CM, Janle E, Martin B, Browne S, Guiden H, Lachcik P, Lee W-H. Dairy versus calcium carbonate in promoting peak bone mass and bone maintenance during subsequent calcium deficiency. *J Bone Miner Res.* 24:1411-1419, 2009.
 71. Singh R, Martin BR, Hickey Y, Teegarden D, Campbell WW, Craig BA, Schoeller DA, Kerr DA, Weaver CM. Comparison of self-reported energy intake and measured metabolizable energy intake with total energy expenditure in overweight teens. *Am. J. Clin. Nutr.* 89(6):1744-1750, 2009. PMID: 19386746
 72. Ho L, Chen LH, Wang J, Zhao W, Talcott ST, Ono K, Teplow D, Humala N, Cheng A, Percival SS, Ferruzzi MG, Janle E, Weaver C, Dickstein DA, Pasinetti G. Heterogeneity in red wine polyphenolic contents differentially influences Alzheimer's disease-type neuropathology and cognitive deterioration. *J Alzheimer's Disease* 16(1):59-72, 2009.
 73. Shahnazari M, Martin BR, Legette LL, Lachcik, PJ, Welch J, Weaver CM. Diet calcium level but not calcium supplement particle size affects bone density and mechanical properties in ovariectomized rats. *J Nutr.* 139:1308-1314, 2009.
 74. Zafar TA, Matrín BR, Weaver CM. Resistant Starches (RS2 and RS3) have variable effects on bone mineral status in rats. *The Open Nutrition Journal.* 3:17-22, 2009.
 75. Mun JG, Grannan MD, Lachcik PJ, Reppert A, Yousef GG, Rogers RB, Janle EM, Weaver CM, Lila MA. *In vivo* metabolic tracking of ¹⁴C-radiolabelled isoflavones in kudzu (*Pueraria lobata*) and red clover (*Trifolium pretense*) extracts. *British Journal of Nutrition.* 102:1523-1530, 2009.
 76. Charoenkiatkul S, Kriengsinyos W, Tuttipopipat S, Suthutvoravut U, Weaver CM. Calcium absorption from commonly consumed vegetables in healthy Thai women. *J. Food Sci.* 73:H218-H221, 2008.
 77. Weaver CM, McCabe LD, McCabe GP, Braun M, Martin BR, DiMeglio LA, Peacock M. Vitamin D status and calcium metabolism in adolescent black and white girls on a range of controlled calcium intakes. *J Clin Endocrin Metab* 93:3907-3914, 2008.
 78. Hill K, Braun MM, Kern M, Martin BR, Navalta J, Sedlock D, McCabe LD, McCabe GP, Peacock M, Weaver CM. Predictors of calcium retention in adolescent boys. *J Clin Endocrin Metab* 93(12):4743-4748, 2008.
 79. Martino HSD, Martin BR, Weaver CM, Bressan J, Moreira MA, Costa NMB. A soybean cultivar lacking lipoxygenase 2 and 3 has similar calcium bioavailability to a commercial variety despite higher calcium absorption inhibitors. *J. Food Sci.* 73:H33-H35, 2008.
 80. Thierry-Palmer M, Henderson VM, Hammali RE, Cephas S, Palacios C, Martin BR, Weaver CM. Black and white female adolescents lose vitamin D metabolites into urine. *Am J Med Sci* 335(4):278-283, 2008.
 81. Ariefdjohan M, Martin B, Lachcik P, Weaver CM. Acute and chronic effects of honey and its carbohydrate constituents on calcium absorption in rats. *J Ag Food Chem* 56:2649-2654, 2008.
 82. Martino HSD, Martin BR, Weaver CM, Bressan J, Moreira MA, Costa NMB. Antinutrient factors and bioavailability of calcium of genetically modified soybeans. *J. Food Sci.* 72:S689-695, 2007.
 83. Martino HSD, Martin BR, Weaver, Bressan J, Esteves EA, Costa NMB. Zinc and iron bioavailability of genetically modified soybeans in rats. *J. Food Sci.* 72:2413-20, 2007.
 84. Zhao Y, Fleet JC, Adamec J, Terry DE, Zhang X, Kemeh S, Davisson VJ, Weaver CM. Effects of hindlimb unloading and bisphosphonates on the serum proteome of rats. *Bone* 41(4):646-658, 2007.

85. Welch JM, Turner CH, Devaready L, Arjmandi BH, Weaver CM. High impact exercise is more beneficial than dietary calcium for building bone strength in the growing rat skeleton. *Bone* 42(4):660-668, 2008. doi 10.1016/j.bone.2007.12.220., NIHMS 44960.
86. Weaver CM, McCabe LD, McCabe GP, Novotny R, Van Loan M, Going S, Matkovic V, Boushey C, Savaiano DA, ACT research team. Bone mineral and predictors of bone mass in white, Hispanic, and Asian early pubertal girls. *Calcif Tissue Int* 81(5):352-363, 2007.
87. Martin BR, Davis S, Campbell WW, Weaver CM. Exercise and calcium supplementation: effects on calcium homeostasis in sportswomen. *MSSE* 39(9):1481-1486, 2007.
88. Weaver CM, Cheong J, Jackson G, Elmore D, McCabe G, Martin B. ³H-tetracycline as a proxy for ⁴¹Ca for measuring dietary perturbations of bone resorption. *Nuclear Instruments and Methods in Physics Research* 259:1, 790-795, 2007.
89. Braun M, Palacios C, Wigertz K, Jackman LA, Bryant RJ, McCabe LD, Martin BR, McCabe GP, Peacock M, Weaver CM. Racial differences in skeletal calcium retention in adolescent girls on a range of controlled calcium intakes. *Am J Clin Nutr* 85:1657-63, 2007.
90. Cheong JMK, Martin BR, Jackson GS, Elmore D, McCabe GP, Nolan JR, Barnes S, Peacock M, Weaver CM. Soy isoflavones do not affect bone resorption in postmenopausal women: A dose response study using a novel approach with ⁴¹Ca. *J Clin Endocrin Metab* 92:577-585, 2007.
91. Braun MM, Martin BR, Kern M, McCabe GP, Peacock M, Jiang Z, Weaver CM. Calcium retention in adolescent boys on a range of controlled calcium intakes. *Am J Clin Nutr* 84:414-418, 2006.
92. Gunther CW, Legowski PA, McCabe LD, McCabe GP, Peacock M, Lyle RM, Weaver CM, Teegarden D. Parathyroid hormone is associated with decreased fat mass in young health women. *Int J Obesity* 30:94-99, 2006.
93. Britten P, Lyon J, Weaver CM, Kris-Etherton P, Nicklas T, Weber J, Davis C. MyPyramid food intake pattern modeling for the Dietary Guidelines Advisory Committee. *J Nutr Ed Behav* 38:S143, 2006.
94. Zhao Y, Martin BR, Weaver CM. Calcium bioavailability of calcium carbonate fortified soymilk is equivalent to cow's milk in young women. *J Nutr* 135:2379-2392, 2005.
95. Lila MA, Yousef GG, Jiang Y, Weaver CM. Sorting out bioactivity in flavonoid mixtures. *J Nutr* 135:1231-1235, 2005.
96. Zhao Y, Martin BR, Wastney ME, Schollum L, Weaver CM. Acute versus chronic effects of whey proteins on calcium absorption in growing rats. *Exp Biol Med* 230:536-542, 2005.
97. Cai DJ, Zhao Y, Glasier J, Cullen D, Barnes S, Turner CH, Wastney M, Weaver C. Comparative effect of soy protein, soy isoflavones and 17 β -estradiol on bone metabolism in adult ovariectomized rats. *J Bone Miner Res* 20:828-39, 2005.
98. Spence LA, Lipscomb ER, Cadogan J, Martin B, Wastney ME, Peacock M, Weaver CM. The effect of soy protein and soy isoflavones on calcium metabolism and renal handling in postmenopausal women: A randomized cross over study. *Am J Clin Nutr* 81:916-922, 2005.
99. Wigertz K, Palacios C, Jackman LA, Martin BR, McCabe LD, McCabe GP, Peacock M, Pratt JH, Weaver CM. Racial differences in calcium retention in response to dietary salt in adolescent girls. *Am J Clin Nutr* 81:845-850, 2005.
100. McCabe LD, Martin BR, McCabe GP, Johnston CC, Weaver CM, Peacock M. Dairy intakes affect bone density in the elderly. *Am J Clin Nutr* 80:1066-1074, 2004.
101. Welch JM, Weaver CM, Turner CH. Adaptations to free-fall impact are different in the shafts and bone ends of rat forelimb. *J Appl Physiol* 97:1859-1865, 2004.
102. Zafar TA, Teegarden D, Ashendel C, Dunn M, Weaver CM. Effect of aluminum on calcium metabolism and bone strength. *Nutr Res* 24:243-259, 2004.
103. Zafar TA, Weaver CM, Zhao Y, Martin BR, Wastney ME. Nondigestible oligosaccharides increase calcium absorption and suppress bone resorption in ovariectomized rats. *J Nutr* 123:399-402, 2004.
104. Zafar TA, Weaver CM, Jones K, Moore DR, Barnes S. Inulin effects on bioavailability of soy isoflavones and their calcium absorption enhancing ability. *J Ag Food Chem* 52:2827-2831, 2004.
105. Cai J, Zhang Q, Wastney ME, Weaver CM. Calcium bioavailability and kinetics of calcium ascorbate and calcium acetate in rats. *Exp Biol Med* 229:40-45, 2004.
106. Palacios C, Wigertz K, Martin BR, Jackman L, Pratt JH, Peacock M, McCabe G, Weaver CM. Sodium retention in black and white female adolescents in response to salt intake. *J Clin Endocrin Metab* 89(4):1858-1863, 2004.
107. Prasain JK, Jones K, Kirk M, Wilson K, Smith-Johnson M, Weaver C, Barnes S. Profiling and quantification of isoflavonoids in Kudzu dietary supplements by high-performance liquid chromatography and electrospray ionization tandem mass spectrometry. *J Ag Food Chem* 51:4213-4218, 2003.
108. Palacios C, Wigertz K, Martin B, Weaver CM. Sweat mineral loss from whole body, patch and arm bag in white and black girls. *Nutr Res* 23:401-411, 2003.
109. Palacios C, Wigertz K, Weaver CM. Comparison of 24-h whole body vs. patch tests for estimating body surface

- electrolyte losses. *Intl J Sports Med* 13:1-10, 2003.
110. Lin Y-C, Lyle RM, Weaver CM, McCabe LD, McCabe GP, Johnston CC, Teegarden D. Peak spine and femoral neck bone mass in young women. *Bone* 32(5):546-553, 2003.
 111. Bryant RJ, Wastney ME, Martin BR, Wood O, McCabe GP, Morshidi M, Smith DL, Peacock M, Weaver CM. Racial differences in bone turnover and calcium metabolism in adolescent females. *J Clin Endocrin Metab* 88(3):1043-1047, 2003.
 112. Weaver CM, Heaney RP, Connor L, Martin BR, Smith DL, Nielsen S. Bioavailability of calcium from tofu as compared with milk in premenopausal women. *J Food Sci* 67(8):3144-3147, 2002.
 113. Martin BR, Weaver CM, Heaney RP, Packard PT, Smith DL. Calcium absorption from three salts and CaSO₄-fortified bread in premenopausal women. *J Ag Food Chem* 50(13):3874-3876, 2002.
 114. Weaver CM, Martin BR, Costa NMB, Saleeb FZ, Huth PJ. Absorption of calcium fumarate salts is equivalent to other calcium salts when measured in the rat model. *J Ag Food Chem*. 50:4974-4975, 2002.
 115. Weaver CM, Teegarden D, Lyle RM, McCabe GP, McCabe LD, Proulx W, Kern M, Sedlock D, Anderson DD, Hillberry BM, Peacock M, Johnston C. Impact of exercise on bone health and contraindication of oral contraceptive use in young women. *MSSE* 33(6):873-880, 2001.
 116. Wastney ME, Martin BR, Peacock M, Smith D, Jiang X-Y, Jackman LA, Weaver CM. Changes in calcium kinetics in adolescent girls induced by high calcium intake. *J Clin Endocrin Metab* 85:4470-4475, 2000.
 117. Lin Y-C, Lyle RM, McCabe LD, McCabe GP, Weaver CM, Teegarden D. Calcium intake effects on two year changes in body composition in young women. *J Am Col Nutr* 19(6):754-760, 2000.
 118. Burr DB, Yoshikawa T, Teegarden D, Lyle R, McCabe G, McCabe L, Weaver CM. Exercise and oral contraceptive use suppress the normal age-related increase in bone mass and strength of the femoral neck in women 18-31 years old. *Bone* 20(6):855-863, 2000.
 119. Pribila BA, Hertzler SR, Martin BR, Weaver CM, Savaiano DA. Improved lactose digestion and intolerance among African-American adolescent girls fed a dairy-rich diet. *J Am Diet Assoc* 100(5):524-528, 2000.
 120. Weaver CM, Schulz DG, Peck LW, Magnusen HM, Martin BR, Gruenhagen SE. Phosphate-binding capacity of ferrihydrite versus calcium acetate in rats. *Am J Kidney Dis* 34:324-327, 1999.
 121. Turnlund JR, Weaver CM, Kim SK, Keys WR, Gizaw Y, Thompson KH, Peiffer GL. Molybdenum absorption and utilization in humans from soy and kale intrinsically labeled with stable isotopes of molybdenum. *Am J Clin Nutr* 69:1217-1223, 1999.
 122. Teegarden D, Lyle RM, Proulx WR, Johnston CC, Weaver CM. Previous milk consumption is associated with greater bone density in young women. *Am J Clin Nutr* 69:1014-1017, 1999.
 123. Hui SL, Zhou L, Evans R, Slemenda CW, Peacock M, Weaver CM, McClintock C, Johnston CC, Jr. Rates of growth and loss of bone mineral in the spine and femoral neck in white females. *Osteoporos Int* 9:200-205, 1999.
 124. Hanes DA, Weaver CM, Wastney ME. Calcium and oxalic acid kinetics are different in rats. *J Nutr* 129:165-169, 1999.
 125. Hanes DA, Weaver CM, Heaney RP, Wastney ME. Absorption of calcium oxalate does not require dissociation in rats. *J Nutr* 129:170-173, 1999.
 126. Teegarden D, Lyle RM, McCabe GP, McCabe LD, Proulx W, Michon K, Knight AP, Johnston CC, Weaver CM. Dietary calcium, protein, and phosphorus are related to bone mineral density and content in young women. *Am J Clin Nutr* 68:749-54, 1998.
 127. Shen X, Weaver CM, Kempa-Steczko A, Martin BR, Phillippy BQ, Heaney RP. An inositol phosphate as a calcium absorption enhancer in rats. *J Nutr Biochem* 9:298-301, 1998.
 128. Shen X, Weaver CM, Martin BR, Heaney RP. Lignin effect on calcium absorption in rats. *J Food Sci* 63:165-167, 1998.
 129. Zafar TA, Weaver CM, Martin BR, Flack R, Elmore D. ²⁶Al metabolism in rats. *PSEBM* 216:81-85, 1997.
 130. Sojka J, Wastney ME, Abrams S, Froese S, Martin BR, Weaver CM. Magnesium kinetics in adolescent girls determined using stable isotopes: effects of high and low calcium intakes. *Am J Phys* 273(42):R710-R715, 1997.
 131. Jackman LA, Millane SS, Martin BR, Wood OB, McCabe GP, Peacock M, Weaver CM. Calcium retention in relation to calcium intake and postmenarcheal age in adolescent females. *Am J Clin Nutr* 66:327-333, 1997.
 132. Weaver CM, Heaney RP, Nickel KP, Packard PI. Calcium Bioavailability from high oxalate vegetables: Chinese vegetables, sweet potatoes and rhubarb. *J Food Sci* 62(3):524-525, 1997.
 133. Weaver CM, Peacock M, Martin BR, McCabe GP, Zhao J, Smith DL, Wastney ME. Quantification of biochemical markers of bone turnover by kinetic measures of bone formation and resorption in young healthy females. *J Bone Min Res* 12:1714-1720, 1997.
 134. Anderson DD, Hillberry BM, Teegarden D, Proulx WR, Weaver CM, Yoshikawa T. Biomechanical analysis of an exercise program for forces and stresses in the hip joint and femoral neck. *J Appl Biomech* 12:292-312, 1996.
 135. Nickel KP, Martin BR, Smith DL, Smith JB, Miller GD, Weaver CM. Calcium bioavailability from bovine milk and dairy products in premenopausal women using intrinsic and extrinsic labeling techniques. *J Nutr* 126:1406-1411,

- 1996.
136. Wastney ME, Ng J, Smith D, Martin BR, Peacock M, Weaver CM. Differences in calcium kinetics between adolescent girls and young women. *Am J Physiol* 271:R208-216, 1996.
 137. Weaver CM, Peacock M, Martin BR, Plawecki KL, McCabe G. Relationship of calcium balance and indicators of skeletal status in adolescent girls and young women. *Am J Clin Nutr* 64:67-70, 1996.
 138. Weaver CM, Heaney RP, Teegarden D, Hinders SM. Wheat bran abolishes the inverse relationship between calcium load size and absorption fraction in women. *J Nutr* 126:303-307, 1996.
 139. Teegarden D, Proulx WR, Kern M, Sedlock D, Weaver CM, Johnston CC, Lyle RM. Previous physical activity relates to bone mineral measures in young women. *Med Sci Sports Exerc* 28:105-113, 1996.
 140. Rajaram S, Weaver CM, Lyle RM, Sedlock DA, Martin B, Templin TJ, Beard JL, Percival SS. Effects of long-term moderate exercise on iron status in young women. *Med Sci Sports Exerc* 27(8):1105-1110, 1995.
 141. Weaver CM, Martin BR, Plawecki KL, Peacock M, Wood OB, Smith DL, Wastney ME. Differences in calcium metabolism between adolescent and adult females. *Am J Clin Nutr* 61:577-581, 1995.
 142. Teegarden D, Proulx WR, Martin BR, Zhao J, McCabe GP, Lyle RM, Peacock M, Slemenda C, Johnston CC, Weaver CM. Peak bone mass in young women. *J Bone Min Res* 10(5):711-15, 1995.
 143. Heaney RP, Weaver CM. Effect of psyllium on absorption of co-ingested calcium. *J Am Ger Soc* 43:1-3, 1995.
 144. Saha PR, Weaver CM, Mason AC. Mineral bioavailability in rats from intrinsically labeled whole wheat flour of various phytate levels. *J Ag Food Chem* 42:2531-2535, 1994.
 145. Yoshikawa T, Turner CH, Peacock M, Slemenda C, Weaver CM, Teegarden D, Markwardt P, Burr DB. Geometric structure of the femoral neck measured using DEXA. *J Bone Min Res* 9:1053-1064, 1994.
 146. Weaver CM, Heaney RP, Proulx WR., Hinders SM, Packard PT. Absorbability of calcium from common beans. *J Food Sci* 58(6):1401-1403, 1993.
 147. Heaney RP, Weaver CM, Hinders SM, Martin B, Packard PT. Absorbability of calcium from Brassica Vegetables: Broccoli, bok choy, and kale. *J Food. Sci* 58(6):1378-1380, 1993.
 148. Koo JO, Weaver CM, Neylan MJ. Solubility of calcium salts and carrageenan used in infant formulas did not influence calcium absorption in rats. *J Pediatric Gastroenterology & Nutr* 17:298-302, 1993.
 149. Benway DA, Weaver CM. Assessing chemical form of calcium in wheat, spinach, and kale. *J Food Sci* 58:605-608, 1993.
 150. Schuette SA, Janghorbani M, Young VR, Weaver CM. Dysprosium as a nonabsorbable marker for Studies of mineral absorption with stable isotope tracers in human subjects. *J Am Coll Nutr* 12(3):307-315, 1993.
 151. Proulx WR. Weaver CM, Bock MA. Trypsin inhibitor activity and tannin content do not affect calcium bioavailability of three commonly consumed legumes. *J Food Sci* 58(2):382-384, 1993.
 152. Mason AC, Weaver CM, Kimmel S, Brown RK. The effect of soybean phytate content on calcium bioavailability in mature and immature rats. *J Ag Food Chem* 41:246-259, 1993.
 153. Khan A, Weaver CM, Mannan A. Adaptation: A factor to be considered in nutrition studies - *Sarhad J Ag* 9:263-27, 1993.
 154. Koo JO, Weaver CM, Neylan MJ, Miller GD. Isotopic tracer techniques for assessing calcium absorption in rats. *J Nutr Biochem* 4:72-76, 1993.
 155. Sathe SK, Mason AC, Rodibaugh Weaver CM. Chemical form of selenium in soybean (*Glycine max* L): Lectin. *J Ag Food Chem* 40(11):2084-2091, 1992.
 156. Sathe SK, Mason AC, Weaver CM. Some properties of a selenium incorporating sulfur Rich Protein in Soybeans (*Glycine max* L). *J Ag Food Chem* 40(11):2077-2083, 1992.
 157. Lyle RM, Weaver CM, Sedlock DA, Rajaram S, Martin BR, Melby CL. Iron status in exercising women: the effect of oral iron therapy vs. increased consumption of muscle foods. *Am J Clin Nutr* 56:1049-1055, 1992.
 158. Weaver CM, Heaney RP, Martin BR, Fitzsimmons ML. Extrinsic vs. intrinsic labeling of the calcium in whole-wheat flour. *Am J Clin Nutr* 55:452-454, 1992.
 159. Jensen CA, Weaver CM, Sedlock DA. Iron supplementation and iron status in exercising young women. *J Nutr Biochem* 2:368-373, 1991.
 160. Weaver CM, Heaney RP, Martin BR, Fitzsimmons ML. Human calcium absorption from whole wheat products. *J Nutr* 121:1769-1775, 1991.
 161. Weaver CM, Heaney RP. Isotopic exchange of ingested calcium between labeled sources. Evidence that ingested calcium does not form a common absorptive pool. *Calcif Tissue Intl* 49:244-247, 1991.
 162. Hentges DL, Weaver CM, Nielsen SS. Role of selected physical and chemical components in the development of the hard-to-cook bean defect. *J Food Sci* 56:436-442, 1991.
 163. Heaney RP, Weaver CM, Fitzsimmons ML. Soybean phytate content: effect on calcium absorption. *Am J Clin Nutr* 53:745-747, 1991.
 164. Hentges DL, Weaver CM, Nielsen SS. Reversibility of the hard-to-cook defect in dry beans (*Phaseolus vulgaris*) and cowpeas (*Vigna unguilata*) *J Food Sci* 55:1474-1476, 1990.

165. Heaney RP, Weaver CM, Fitzsimmons ML. The influence of calcium load on absorption fraction. *Am J Clin Nutr* 5(11):1135-1138, 1990.
166. Heaney RP, Weaver CM, Fitzsimmons ML, Recker RR. Calcium absorptive consistency. *J Bone Min Res* 5(11):1139-1142, 1990.
167. Hentges DL, Weaver CM, Nielsen SS, Weaver LR, Evans W, Jacob JM. Automation of Mattson type bean cooker for testing the hard-to-cook defect in legume seeds. *Trans. ASAE.* 33:625-628, 1990.
168. Evans GE, Weaver CM, Harrington DD, Babbs CF. Association of magnesium deficiency with the blood pressure lowering effects of calcium. *J Hyperten* 8:327-337, 1990.
169. Khan A, Weaver CM, Sathe S. Association of zinc with soy proteins as affected by heat and pH. *J Food Sci* 55(1):263-266, 1990.
170. Heaney RP, Weaver CM. Calcium absorption from kale. *Am J Clin Nutr* 51:656-657, 1990.
171. Heaney RP, Recker RR, Weaver CM. Absorbability of calcium sources. The limited role of solubility. *Calcif Tiss Intl* 46:300-304, 1990.
172. Khan A, Weaver CM. Bioavailability of zinc to rats from soybeans and casein as affected by protein source and length of adaptation. *Nutr Res* 9:327-336, 1989.
173. Khan A, Weaver CM. Pattern of zinc-65 incorporation into soybean seeds by root absorption, stem injection, and foliar application. *J Ag Food Chem* 37:855-860, 1989.
174. Evans GH, Weaver CM. Dietary magnesium does not affect blood pressure in spontaneously hypertensive rats. *Clin Exp Hyper-Theory and Practice* A11(4):619-632, 1989.
175. Sathe SK, Mason AC, Weaver CM. Thermal aggregation of soybean (*Glycine max L.*) sulfur-rich protein. *J Food Sci* 54:319-323, 342, 1989.
176. Liu Y-M, Neal P, Ernst J, Weaver C, Rickard K, Smith DL, Lemons J. Absorption of calcium and magnesium from fortified human milk by very low birth weight infants. *Pediatr Res* 25:496-502, 1989.
177. Heaney RP, Weaver CM. Oxalate: Effect on calcium absorbability. *Am J Clin Nutr* 50:830-832, 1989.
178. Heaney RP, Weaver CM, Recker RR. Calcium absorbability from spinach. *Am J Clin Nutr* 47:707-709, 1988.
179. Beard JL, Weaver CM, Lynch S, Johnson CD, Dassenko S, Cook JD. The effect of soybean phosphate and phytate content on iron bioavailability. *Nutr Res* 8:345-352, 1988.
180. Weaver CM, Davis J, Marks HS, Sensmeier RK. Selenium content of processed soybeans. *J Food Sci* 53:300-301, 1988.
181. Mason AC, Browe PJ, Weaver CM. Metabolism of selenium from soybean and egg products in rats. *J Ag. Food Chem* 36:256-259, 1988.
182. Whitelaw ML, Weaver CM. Maillard browning effects on in vitro availability of zinc. *J Food Sci* 53:1508-1510, 1988.
183. Weaver CM, Martin BR, Smith DL, Chambers JV, Noller CH. Endogenous labeling of bovine milk with the stable isotope ⁴⁴Ca. *Nutr Res* 8:1183-1189, 1988.
184. Johnson CD, Weaver CM, Gordon DT. A comparison of the hemoglobin regeneration bioassay and absorption of a radio-iron test meal for assessing iron bioavailability. *Nutr Res* 7:183-196, 1987.
185. Sathe SK, Lilly GG, Mason AC, Weaver CM. High resolution sodium dodecyl sulfate polyacrylamide gel electrophoresis of soybean (*Glycine max L.*) seed proteins. *Cereal Chem.* 64:380-385, 1987.
186. Weaver CM, Martin B, Ebner J, Krueger C. Oxalic acid decreases calcium absorption in rats. *J Nutr* 117:1903-6, 1987.
187. Johnson CD, Weaver CM. Chromium in kale, wheat, and eggs: Intrinsic labeling and bioavailability in rats. *J Ag Food Chem* 34:436, 1986.
188. Mason AC, Weaver CM. The metabolism in rats of selenium from intrinsically and extrinsically labeled isolated soy protein. *J Nutr* 116:1883-1888, 1986.
189. Stuart MA, Ketelsen SM, Weaver CM, Erdman, JW, Jr. Bioavailability of zinc to rats as affected by protein source and previous dietary intake. *J Nutr* 116:1423-1431, 1986.
190. Rodibaugh R, Weaver CM, Mason AC. Incorporation of a ⁷⁵Se label into *Agaricus bisporus*. *IN Acad Sci* 95:111-113, 1986.
191. Rodibaugh R, Weaver CM. Improving efficiency of iron uptake by soybeans. *IN Acad Sci* 84:141-144, 1985.
192. Johnson CD, Berry MF, Weaver CM. Soybean hulls as an iron source for bread enrichment. *J Food Sci.* 50:1275, 1985.
193. Ketelsen SM, Stuart MA, Weaver CM, Forbes RM, Erdman JW, Jr. Bioavailability of zinc from defatted soy flour, acid-precipitated soy concentrate and neutralized soy concentrate as determined by intrinsic and extrinsic labeling techniques. *J Nutr* 114:536-542, 1984.
194. Weaver CM, Schmitt HA, Stuart MA, Mason AC, Meyer NR, Levine SE, Elliott JG. Radioiron in soybeans: Intrinsic labeling and bioavailability to rats from defatted flour. *J Nutr* 114:1035-1042, 1984.
195. Weaver CM, Nelson N, Elliott JG. Bioavailability of iron to rats from soybean processing fractions using intrinsic and extrinsic labeling techniques. *J Nutr* 114:1042-1048, 1984.
196. Schmitt HA, Weaver CM. Level of application and period of exposure affecting the accumulation and distribution of ⁵¹Cr and ⁶⁵Zn in hydroponically grown kale, bush beans, and soybeans. *J Ag Food Chem* 32:498-503, 1984.
197. Weaver CM, Troyer CY, Pinter S. Removal of electrolytes from institutionally packaged foods. *JADA* 84:319-322, 1984.

198. Janghorbani M, Weaver CM, Tang TG, Young VR. Labeling of soybeans with the stable isotope ⁷⁰Zn for use in human metabolic studies. *J Nutr* 113:973-978, 1983.
199. Meyer NR, Stuart MA, Weaver MA. Bioavailability of zinc from defatted soy flour, soy hulls, and whole eggs as determined by intrinsic and extrinsic labeling techniques. *J Nutr* 113:1255-1264, 1983.
200. Johnson CD, Weaver CM. Effect of previous diet on iron absorption from an intrinsically labeled soy flour testmeal. *Nutr Reports Intern* 28:1129-1135, 1983.
201. Levine SE, Weaver CM, Kirleis AE. Accumulation of selected trace elements in hydroponically grown soybeans and distribution of the elements in processed soybean fractions. *J Food Sci* 47:1283-1287, 1982.
202. Schmitt HA, Weaver CM. Processing effects on chromium and zinc in vegetables. *J Food Sci* 47:1693-1694, 1982.
203. Weaver CM, Harris ND, Fox LR. Accumulation of strontium and cesium by kale as influenced by stage of growth. *J Environ Qual* 10:95-98, 1981.
204. Weaver CM, Chen PH, Rynearson SL. Effect of milling on trace element and protein content of oats and barley. *Cereal Chem* 58:120-124, 1981.
205. Schmitt HA, Weaver CM. Chromium-zinc interaction in accumulation of minerals by bush beans. *IN Acad Sci* 90:125-128, 1981.
206. Weaver CM, Charley H. Dopamine: Location in banana and changes in concentration with ripening. *Home Econ Res J* 8(3):200-202, 1980.
207. Weaver CM, Harris ND. Removal of radioactive strontium and cesium from vegetables during processing. *J Food Sci* 44:1491-1493, 1979.
208. Weaver CM, Charley H. Enzymatic browning of ripening bananas. *J Food Sci* 39:1200-1202, 1974.

Non Peer Reviewed Articles:

1. Vorland C, Weaver CM. Defending the Dietary Guidelines. *FoodBytes* 16:10-13, 2016
2. Weaver CM. Research Editorial Back to Basics: Have milk with meals. *JADA* 106(11):1756-1757, 2006.
3. Heaney RP, Weaver CM. Rapid Response Letter to Editor regarding Effects of calcium supplementation on bone density in healthy children: meta-analysis of randomised controlled trials. *BMJ* September 2006.
4. Zhao Y, Weaver C. Calcium bioavailability of soyfoods. *The Soy Connection* 13(4):1-6, 2005.
5. Cai DJ, Weaver CM. Using nutraceuticals to enhance bone health. *Natural Pharmacy* 5(7):4, 2001.
6. Weaver CM. Dietary Guidelines take obesity to task. *Food Tech* 54(7):130, 2000.
7. Weaver CM. Calcium and the prevention of osteoporosis. *Nutrition & the MD* 26(9):1-8, 2000.
8. Weaver CM. Calcium requirements for adolescents. In: *Diet Health Dialogue*. Dairy Advisory Bureau, New Zealand, 1999.
9. Weaver CM. *El Calcio y la Salud*. *Dieta y salud*. 6(2), 1996.
10. Weaver CM. Calcium and bone health. In: *Focus on Women Health and Nutrition*. National Dairy Council, 1995.
11. Proulx WR, Weaver CM. Calcium absorption from plants. *The Soy Connection* 2(2):1-4, 1994.
12. Weaver CM. Calcium throughout a women's life cycle. *JADA* 94(12):1, 1994.

Reviews/Book Chapters/Books:

1. Weaver CM. Nutrition and Bone Health. *Oral Diseases* In press, 2016.
2. Weaver CM, Jakeman S. Ch. 14 Prebiotics, calcium absorption, and bone health: In: *Nutritional Influences of Bone Health*. International Congress Series Proceedings of the 9th International Symposium on Nutrition Aspects of Osteoporosis, Montreal Canada. Weaver CM, Daly R, Bischoff-Ferrari H, eds, Springer, 2016, in press.
3. Weaver CM, Lawlor M, McCabe GP. Ch. 16 Predicting calcium requirements in children. In: *Nutritional Influences of Bone Health*. International Congress Series Proceedings of the 9th International Symposium on Nutrition Aspects of Osteoporosis, Montreal Canada. Weaver CM, Daly R, Bischoff-Ferrari H, eds, Springer, 2016, in press.
4. Weaver Cm, Alexander DD, Boushey CJ, Dawson-Hughes B, Lappe JM, LeBoff MS, Looker AC, Wallace TC, Wang DD. Calcium plus vitamin D supplementation and risk of fractures: an updated meta-analysis from the National Osteoporosis Foundation. *Osteoporos Int* DOI 10.1007/s00198-015-3386-5.
5. Hill Gallant KM, Weaver CM, Towler DA, Thuppal SV, Bailey RL. Nutrition in cardio-skeletal health. *Adv Nutr* In press, 2016.
6. Jakeman S, Weaver CM. Ch. 20 The effect of prebiotics on calcium absorption and utilization. In: *Calcium: Chemistry, Analysis, Function and Effects*. Preedy, VR, ed. Royal Society of Chemistry Pp 329-348, 2015.
7. Weaver CM. Parallels between nutrition and physical activity: Research questions in development of peak bone mass. *Res Quart Exer Sports* 86:103-106, 2015.
8. Phillips AK, Lipkie TE, Weaver CM. Calcium and vitamin D: Nutrition role and the benefits and risks of dietary supplements in health promotion. In: *Dietary Supplements in Health Promotion*, Ed Wallace, TC. CRC Press pg. 121-135, 2015.

9. Weaver CM, Gordon CM, Janz KF, Kalkwarf HJ, Lappe JM, Lewis R, O'Karma M, Wallace TYC, Zemel BS. The National osteoporosis Foundation's position statement on peak bone mass development and lifestyle factors: a systematic review and implementation recommendation *Osteopor Intl* DOI: 10.1007/s00198-015-3440-3.
10. Weaver CM. Diet, gut microbiome, and bone health. *Curr Osteoporosis Rep* 13:125-30, 2015.
11. Weaver CM, Wastney ME, Spence LA. Ch 23. Quantitative clinical nutrition approaches to the study of calcium and bone metabolism. In: *Nutrition and Bone Health*. Holick, M.F. and Nieves, J.W., eds. Humana Press. Pp 361-377, 2015.
12. Weaver CM. Yogurt and Bone Health. *Functional Food Reviews* 6:37-38, 2014.
13. Marr ET, King JC, Weaver CM. The white potato – where is its rightful place in food grouping systems? *Nutr Today* 49:291-300, 2014.
14. Weaver CM, Murphy SP. Food Scientists & Dietary Reference Intakes: An important alliance. *Food Technology* 68:47-54, 2014.
15. Weaver CM. Bioactive foods and ingredients for health. *Adv Nutr* 5:306S-311S, 2014.
16. Phillips SM, Fulgoni III, VL, Heaney RP, Nicklas TA, Slavin JL, Weaver. Commonly consumed protein foods contribute to nutrient intake, diet quality and nutrient adequacy. *Am J Clin Nutr* 100:1S-7S, 2015.
17. Weaver CM, Teegarden D, Welch A, Hwalla N, Lelièvre S. International Breast Cancer and Nutrition: A model for research, training and policy in diet, epigenetics, and chronic disease prevention. *Adv Nutr*, 5:566-567, 2014.
18. Weaver CM, Fuchs RK. Ch. 12 Skeletal growth and development. In: *Basic and Applied Bone Biology*. Academic Press Burr DR and Allen MR, eds. London UK, Pg 245-259, 2014
19. Weaver CM, Hill Gallant KM Ch. 14 Nutrition. In: *Basic and Applied Bone Biology*. Academic Press Burr DR and Allen MR, eds. London UK, Pg 283-297, 2014
20. Weaver CM. How sound is the science behind the dietary recommendations for dairy? *Am J Clin Nutr* 99:1217S-1222S, 2014.
21. Weaver CM, Dwyer J, Fulgoni V, King JC, Leveille GA, MacDonald RS, Ordovas J, Schnakenberg D. ASN Scientific Statement: Processed foods: Contributions to Nutrition. *AJCN* 99:1525-1542, 2014.
22. Weaver CM. Calcium Supplementation: Is protecting against osteoporosis counter to protecting against cardiovascular disease. *Current Osteoporosis Reports* 12:211-218, 2014.
23. Weaver CM, Wijeshinha-Bettoni R, McMahon D, Spence LA. Ch 4. Milk and dairy products as part of the diet. In: *Milk and Dairy Products in Human Nutrition*. Food and Agriculture Organization of the United Nations (FAO), Rome Italy. Muehlhoff E, Bennett A, McMahon D, Eds, pg 103-182, 2013.
24. Weaver CM. Yogurt, Diet Quality, and Bone Health. *Functional Food Reviews* 5:68-75, 2013.
25. Weaver CM. A personal perspective on discoveries at the interface of food science and nutrition. *Nutr Today* 48:241-244, 2013.
26. Lelièvre SA, Weaver CM. Global nutrition research: nutrition and breast cancer prevention as a model. *Nutr Rev* doi:10.1111/nure.12075 70:1-11, 2013.
27. Whisner CM, Weaver CM. Probiotics and Prebiotics in Food, Nutrition and Health: Ch. 10 Interactions of probiotics and prebiotics with minerals. Semih Ötleş (ed) CRC Press Boca Rotan FL, pg. 200-231, 2013.
28. Weaver CM, Marr ET. White vegetables: A forgotten source of nutrients: Purdue Roundtable Executive Summary. *Adv Nutr*. 4:318S-326S, 2013.
29. Weaver CM. Potassium and health. *Adv Nutr*. 4:368S-377S, 2013.
30. International Congress Series Proceedings of the 8th International Symposium on Nutritional Aspects of Osteoporosis. Nutritional Influences of Bone Health, Lausanne, Switzerland. Burckhardt P, Dawson-Hughes B, Weaver CM, Eds, Springer, 2013
31. Weaver CM, Hohman EE. Comparison of Natural Products for Effects on Bone Balance. Ch. 14 In: Nutritional Influences of Bone Health. International Congress Series Proceedings of the 8th International Symposium on Nutritional Aspects of Osteoporosis, Lausanne, Switzerland. Burckhardt P, Dawson-Hughes B, Weaver CM, eds, Springer, 147-156, 2013
32. Whisner CM, Weaver CM. Galacto-oligosaccharides: Prebiotic Effects on Calcium Absorption and Bone Health. Ch. 30 In: Nutritional Influences of Bone Health. International Congress Series Proceedings of the 8th International Symposium on Nutritional Aspects of Osteoporosis, Lausanne, Switzerland. Burckhardt P, Dawson-Hughes B, Weaver CM, eds, Springer, 315-324, 2013.
33. Palacios C, Weaver CM. Calcium Metabolism in Mexican American Adolescents. Ch. 34 In: Nutritional Influences of Bone Health. International Congress Series Proceedings of the 8th International Symposium on Nutrition Aspects of Osteoporosis, Lausanne, Switzerland. Burckhardt P, Dawson-Hughes B, Weaver CM, eds, Springer, 351-358, 2013.
34. Weaver CM. Calcium Is Not Only Safe but Important for Health. Ch. 35. In: Nutritional Influences of Bone Health. International Congress Series Proceedings of the 8th International Symposium on Nutrition Aspects of Osteoporosis, Lausanne, Switzerland. Burckhardt P, Dawson-Hughes B, Weaver CM, eds, Springer, 359-364, 2013

35. Weaver CM and Heaney RP. Ch. 7. Calcium In: Modern Nutrition in Health and Disease. 11th Ed. AC Ross, B Caballero, RJ Cousins, KL, Tucker, TR Ziegler, eds. Wolters Kluwer/Lippincott Williams & Wilkins Philadelphia PA. Pp 133-149, 2013
36. Weaver, C.M., Heaney, R.P. Ch. 42 Nutrition and Osteoporosis In: Primer on the Metabolic Bone Diseases and Disorders of Mineral Metabolism, 8th Ed. Rosen, C.J. ed. American Society for Bone and Mineral Research. Wiley-Blackwell Washington DC Pp 361-366 2013.
37. Alekel LD, Weaver CM, Ronis MJ. Ch. 26 Bioactive Food as Dietary Interventions for The Aging Populations. In: Nutritional Influences on Bone Health and Overview of Methods, Watson RR, Preedy VR, eds. Elsevier Inc. London, UK. 357-370, 2013.
38. Weaver, C.M. Ch. 44 Osteoporosis: The Early Years. In: Nutrition in the Prevention and Treatment of Disease 2013, 3rd Ed. Coulston, AM, Boushey, CJ, Ferruzzi MG, eds. Elsevier, Inc. Pp 839--858.
39. Park CY, Weaver CM. Vitamin D interactions with soy isoflavones on bone after menopause: A review. *Nutrients* 4:1610-1621, 2012.
40. Rosanoff A, Weaver CM, Rude RK. Suboptimal magnesium status in the United States: are the health consequences underestimated? *Nutr Rev* 70(3):153-164, 2012.
41. Weaver CM, Lewis RD, Laing EM. Ch 37. Adolescence and Acquisition of Peak Bone Mass. In: Vitamin D, Third Ed., Elsevier, Inc. Eds. D. Feldman, JW. Pike, JS Adams. Academic Press Pg, 657-677, 2012.
42. Spence LA, Weaver CM. Calcium intake, vascular calcification, and vascular disease. *Nutr Rev* 71:15-22, 2013.
43. Weaver CM, Alekel DL, Ward WE, Ronis MJ. Flavonoid intake and bone health. *J Nutr Gerontol Geriatr* 31:239-253, 2012.
44. Weaver CM, Lewis RD, Laing EM. Ch 2. Vitamin D in skeletal growth and development. In: Translational Endocrinology & Metabolism: Vitamin D Update. Eds. Robertson RP, Demay MB. The Endocrine Society 2(3):43-60, 2011.
45. Barnes S, Prasain J, D'Alessandro T, Arabshahi A, Botting N, Lila MA, Jackson G, Janle EM, Weaver CM. The metabolism and analysis of isoflavones and other dietary polyphenols in food and biological systems. *Food Funct.* 2(5): 235-44, 2011.
46. Holick MF, Binkley NC, Bischoff-Ferrari HA, Gordon CM, Hanley DA, Heaney RP, Murad MH, Weaver CM. Evaluation, treatment, and prevention of vitamin D deficiency: an Endocrine Society Clinical Practice Guideline. *J Clin Endocrin Metab* 96:1911-30, 2011.
47. Park CY, Weaver CM. Calcium and Bone Health: Influence of Prebiotics. *Functional Food Reviews* 3:62-72, 2011.
48. Rowe S, Alexander N, Almeida NG, Black R, Burns R, Bush L, Crawford P, Keim N, Kris-Etherton P, Weaver CM. Translating the dietary guidelines for Americans 2010 to bring about real behavior change. *J Amer Diet Assoc* 111: 28-39, 2011. DOI: 10.1016/j.jada.2010.11.007.
49. NAMS 2011 Isoflavone Report 2011 The role of soy isoflavones in menopausal health: report of The North American Menopausa Society/Wulf H. Utian Translational Science Symposium in Chicago, IL *Menopause* 18(7):1-22.
50. Weaver CM, Peacock M. Calcium. *Advances in Nutrition: An International Review Journal.* 2:290-292, 2011
51. Weaver CM. Chapter 28: "Calcium" for Present Knowledge in Nutrition, 10th Ed. Eds, Erdman, J, Macdonald I, Zeisel S. pp. 434-446, 2012.
52. Rowe S, Alexander N, Aldeida N, Black R, Burns R, Bush L, Crawford P, Keim N, Kris-Etherton P, Weaver C. Foods Science Challenge: Translating the Dietary Guidelines for Americans to bring about real behavior change. *J Food Sci.* 76, NR.1, 2011.
53. Blumberg J, Heaney RP, Huncharek M, Scholl T, Stampfer M, Veith R, Weaver CM, Zeisel SH. Evidence-based criteria in the nutritional context. *Nut Rev* 68(8):478-484, 2010.
54. Reinwald S, Akabas SR, Weaver CM. Whole versus the piecemeal approach to evaluating soy. *J Nutr* 140:2335S-43S, 2010.
55. Reinwald S, Weaver CM. Soy components vs. whole soy: Are we betting our bones on a long shot? *J Nutr* 140:2312S-17S, 2010.
56. Klein MA, Nahin RL, Messina MJ, Rader JI, Thompson LU, Badger TM, Dwyer JT, Kim YS, Pontzer CH, Starke-Reed PE, and Weaver C. Guidance from an NIH Workshop on Designing, Implementing, and Reporting Clinical Studies of Soy Interventions. *J Nutr* 140:1192S-1204S, 2010. doi:10.3945/jn.110.121830
57. Weaver CM, Hill KM. Ch. 6 Estimating calcium requirements. In: Nutritional Influences on Bone Health. Burckhardt, P, Dawson-Hughes, B, Weaver, C.M., eds. Springer, Pp 41-49, 2010.
58. Weaver CM, Legette LL. Equol, via dietary sources or intestinal production, may ameliorate estrogen deficiency induced bone loss. *J Nutr.* 140:1377S-79S, 2010.
59. Weaver CM, Haney EM. Ch. 10 Nutritional basis of Skeletal Growth In: Osteoporosis in Men: The effects of Gendera on skeletal health 2010, 2nd Ed. Orwoll, ES, Bilezikian JP, Vanderschueren D, eds. Academic Press Pp 119-130.
60. Floros JD, Newsome R, Fisher W, Barbosa-Canovas GV, Chen H, Dunne CP, German JB, Hall RL, Heldman DR,

- Karwe MV, Knabel SJ, Labuza TP, Lund DB, Newell-McGloughlin M, Robinson JL, Sebranek JG, Shewfelt RL, Tracy WF, Weaver CM, Ziegler GR. Feeding the world today and tomorrow: The importance of food science and technology. *An IFT Scientific Review. Comprehensive Rev in Food Sci and Food Safety* 9:572-599, 2010. <http://onlinelibrary.wiley.com/doi/10.1111/j.1541-4337.2010.00127.x/pdf>
61. Weaver CM. Role of dairy beverages in the diet. *Physiology & Behavior* 100:63-66, 2010.
 62. Lee WTK, Weaver CM, Wu L. A comparison of Asian and American Asian populations: Calcium and bone accretion during formation of peak bone mass. In: *Nutritional Aspects of Osteoporosis 2009*, Burckhardt P, Dawson-Hughes B, Weaver CM, eds. Intl Congress Series Proceedings of the 7th International Symposium on Nutrition Aspects of Osteoporosis May 7-9, 2009, Lausanne, Switzerland.
 63. Rowe S, Alexander N, Clydesdale FM, Applebaum RS, Atkinson S, Black RM, Dwyer JT, Hentges E, Higley NA, Lefevre M, Lupton JR, Miller SA, Tancredi DL, Weaver CM, Woteki CE, Wedral for the International Life Sciences Institute North America Working Group on Guiding Principles. Funding food science and nutrition research: financial conflicts and scientific integrity. *Am J Clin Nutr* 89:1285-1291, 2009.
 64. Bonjour J-P, Gueguen L, Palacios C, Shearer MJ, Weaver CM. Minerals and vitamins in bone health: the potential value of dietary enhancement. *Br. J Nutr.* 101:1581-1596, 2009.
 65. Weaver, CM, Nieves JW. Calcium and magnesium: Ch. 9 Role of drinking-water in relation to bone metabolism, in *Calcium and Magnesium in Drinking-water: Public health significance*. World Health Organization, Geneva, Switzerland, pgs 96-109, 2009.
 66. Weaver C, Barnes S, Wyss JM, Kim H, Morre D, Morre J, Simon J, Lela MA, Janle E, Ferruzzi M. Research highlights from the Purdue-UAB Botanicals Research Center for Age Related Diseases. *Pharmaceut Biol* 47:768-773, 2009.
 67. Weaver CM. Should dairy be recommended as part of a healthy vegetarian diet? *Point Am J Clin Nutr* 89:1634S-1637S, 2009.
 68. Weaver CM, Heaney RP. Ch. 40 Nutrition and Osteoporosis In: *Primer on the Metabolic Bone Diseases and Disorders of Mineral Metabolism, 7th Ed.* Rosen, C.J. ed. American Society for Bone and Mineral Research Washington DC pgs 206-208, 2008
 69. Reinwald S, Weaver CM, Kester JJ. The health benefits of calcium citrate malate: A Review of Supporting Science. *Adv Food Nutr Res.* 54:219-346, 2008.
 70. Weaver CM. Current calcium recommendations in North America. *Asia Pac. J. Clin. Nutr* 17(S1):30-32, 2008.
 71. Weaver CM. The role of nutrition on optimizing peak bone mass. *Asia Pac. J. Clin. Nutr* 17(S1):135-137, 2008.
 72. Atkinson SA, McCabe GP, Weaver CM, Abrams SA, O'Brien KO. Are Current calcium recommendations for adolescents higher than needed to achieve optimal peak bone mass? *The Controversy J Nutr* 138:1182-1186, 2008.
 73. Barnes S, Birt DF, Cassileth BR, Cefalu WT, Chilton FH, Farnsworth NR, Raskin I, van Breemen RB, Weaver CM. Technologies and experimental approaches at the National Institutes of Health Botanical Research Centers. *Am J Clin Nutr* 87:476S-80S, 2008.
 74. Walker MD, Novotny R, Bilezikian JP, Weaver CM. Race and diet interactions in the acquisition, maintenance, and loss of bone. *J Nutr* 138:1256S-1260S, 2008.
 75. Weaver CM, Barnes S, Wyss JM, Kim H, Morre DM, Morre DJ, Simon JE, Lila MA, Janle EM, Ferruzzi MG. Botanicals for age-related diseases: from field to practice. *Am J Clin Nutr* 87:493S-497S, 2008.
 76. Weaver CM, Bachrach LK. Ch 2. Bone Acquisition and Peak Bone Mass. *Atlas of Osteoporosis, 3rd ed*, pg. 558, 2009.
 77. Weaver CM. Ch. 44 Osteoporosis: The Early Years. In: *Nutrition in the Prevention and Treatment of Disease 2008, 2nd Ed.* Coulston, AM, Boushey, CJ, eds. Elsevier, Inc. Pp 833-851.
 78. Weaver CM. Vitamin D and calcium metabolism in adolescents In: *Nutritional Aspects of Osteoporosis 2006*, Burckhardt P, Heaney RP, Dawson-Hughes B, eds. Intl Congress Series Proceedings of the 6th International Symposium on Nutritional Aspects of Osteoporosis May 4-6, 2006, Lausanne, Switzerland 1297:32-38, 2007.
 79. Daniel JR, Yao Y, Weaver CM. Carbohydrates: Functional Properties, in *Food Chemistry: Principles and Applications, 2nd ed.*, Y.H. Hui (ed.), STS Technology System, West Sacramento, CA 5-1 to 5-26, 2007.
 80. Weaver CM. Vitamin D, calcium homeostasis and skeleton accretion in children. *J Bone Miner Res* 22(s2):V45-V49, 2007.
 81. Weaver CM, Rothwell AP, Wood KV. Measuring calcium absorption and utilization in humans. *Current Opinion in Clinical Nutrition and Metabolic Care* 9:568-574, 2006.
 82. Braun M, Weaver CM. A call to evaluate the impact of calcium-fortified foods and beverages. *Nutr Today* 41(1):40-47, 2006.
 83. Weaver C, Lupton J, King J, Go VLW, Nicklas T, Pi-Sunyer FX, Clydesdale F, Kris-Etherton PM. Dietary guidelines vs beverage guidance system. *Am J Clin Nutr* 84:1245-1246, 2006.
 84. Weaver CM, Schneeman B. Revised Dietary Guidelines Promote Healthy Lifestyles. *Food Tech* 59(3):28-33, 2005.
 85. Weaver CM. Ch. 29 Calcium. In: *Present Knowledge in Nutrition, 9th Ed*, ILSI, Washington, DC 2006.
 86. Reinwald S, Weaver CM. Soy isoflavones and bone health: a double-edged sword? *J Nat Prod* 69:450-459, 2006.
 87. Weaver CM. Ch. 5 Clinical approaches for studying calcium metabolism and its relationship to disease. In: *Calcium in Human Health*. Weaver, C.M. and Heaney, R.P., eds. Humana Press. Pp 65-81, 2006.

88. Weaver CM, Heaney RP, editors. Calcium in Human Health, Humana Press. Totowa, New Jersey 2006.
89. Wastney ME, Zhao Y, Weaver CM. Ch. 6 Kinetic Studies. In: Calcium in Human Health. Weaver CM and Heaney RP, eds. Humana Press. 83-93, 2006.
90. Heaney RP, Weaver CM. Ch. 7 Requirements for What Endpoint. In: Calcium in Human Health. Weaver CM and Heaney RP, eds. Humana Press. 97-104, 2006.
91. Weaver CM, Heaney RP. Ch. 9 Food Sources, Supplements and Bioavailability. In: Calcium in Human Health. Weaver CM and Heaney RP, eds. Humana Press. 129-142, 2006.
92. Weaver CM. Ch. 17 Pre-Puberty and Adolescence. In: Calcium in Human Health. Weaver CM and Heaney RP, eds. Humana Press. 281-296, 2006.
93. Heaney RP, Weaver CM. Newer perspectives on calcium and bone quality. *J Am Coll Nutr* 24(6):574S-581S, 2005.
94. Weaver CM. Inulin, oligofructose and bone health: experimental approaches and mechanisms. *Br J Nutr* 93(1):S99-S103, 2005.
95. Welch JM, Weaver CM. Calcium and exercise affect the growing skeleton. *Nutr Rev* 63(11):361-373, 2005.
96. Nicklas TA, Weaver CM, Stitzel KF. The 2005 Dietary Guidelines Advisory Committee: Developing a Key Message. *JADA* 105(9):1418-24, 2005.
97. Weaver CM, Heaney RP. Ch. 9 Calcium In: Modern Nutrition in Health Disease. 10th Ed. ME Shils, M Shike, AC Ross, B Caballero, RJ Cousins, eds. Lippincott Williams & Wilkins Baltimore, MD Pp 194-210, 2006.
98. Weaver C, Nicklas T, Britten P. The 2005 Dietary Guidelines Advisory Committee Report *Nutr Today* 40:102-107, 2005.
99. Weaver CM. Inulin, oligofructose and bone health: experimental approaches and mechanisms. *Br J Nutr* 93(1):S99-S103, 2005.
100. Weaver CM, Cheong JMK. Soy isoflavones and bone health: The relationship is still unclear. *J Nutr* 135:1243-1247, 2005.
101. Weaver CM, Fleet JC. Vitamin D requirements: Current and future. *Am J Clin Nutr* 80:1735S-1739S, 2004.
102. Weaver CM, Wastney ME, Spence LA. Quantitative clinical nutrition approaches to the study of calcium and bone metabolism. In: Nutrition and Bone Health. Holick, M.F. and Dawson-Hughes B, eds. Humana Press. Pp 307-326, 2004.
103. Weaver C, Boushey CJ. Milk – Good for bones, good for reducing childhood obesity? *JADA* 103(12):1598-9, 2003.
104. Weaver CM. Does good nutrition conflict with cultural sensitivities? *Nutr Today* 38(3):76, 2003.
105. Weaver CM. Use of isotopic tracers for measuring calcium metabolism in humans. In: Proceedings of the Eighth International Symposium on the Synthesis and Applications of Isotopes and Isotopically Labeled Compounds. Ed. D Dean, C Filer, K McCarthy. Boston, MA USA. June 1-5, 2003.
106. Weaver CM. Calcium retention in adolescents as a function of calcium intake: Influence of race and gender. In: Nutritional Aspects of Osteoporosis, Second Edition. Proceedings of the Symposium on Nutritional Aspects of Osteoporosis. Eds. Burkhardt P, Dawson-Hughes B, Heaney RP, May 2003 Lausanne Switzerland Elsevier CA 2003.
107. Weaver CM. 2003 W.O. Atwater Memorial Lecture: Defining nutrient requirements from a perspective of bone-related nutrients. *J Nutr* 133:4063-4066, 2003.
108. Weaver CM. Dairy nutrition beyond infancy. *Aust J Dairy Tech* 58(2):58-60, 2003.
109. Spence L, Weaver CM. New perspectives on dietary protein and bone health: Preface. *J. Nutr* 133:850S-851S, 2003.
110. Heaney RP, Weaver CM. Calcium and Vitamin D. In: Endocrinology and Metabolism Clinic of North America: Osteoporosis 32:181-194, JP Bilezikian, Ed. Elsevier Science, WB Saunders Co., Philadelphia, PA, 2003.
111. Cai DJ, Spence LA, Weaver CM. Ch. 19 Phytoestrogens and Bone Health. In: Nutrition and Bone Health, S New and P Bonjour, eds. The Royal Society of Chemistry, Thomas Graham House, Science Park, Cambridge UK. pp. 421-438, 2003.
112. Weaver CM, Wastney M, Spence LA. Quantitative clinical nutrition approaches to the study of calcium and bone metabolism. *Clin Rev Bone Miner Met* 1:219-232, 2002.
113. Weaver CM. Adolescence the period of dramatic bone growth. *Endocrinology* 17:43-48, 2002.
114. Weaver CM, Liebman M. Biomarkers of bone health appropriate for evaluating functional foods designed to reduce risk of osteoporosis. *Br J Nutr* 88(2):S225-S232, 2002.
115. Jackson GS, Weaver CM, Elmore D. Use of accelerator mass spectrometry for studies in nutrition. *Nutr Res Rev* 14:317-334, 2001.
116. Weaver CM. Ch. 26 Calcium. In: Present Knowledge and Nutrition 8th Ed. Bowman BA and Russell RM. Eds. ILSI Press, Washington, DC. pp. 273-280, 2001.
117. Weaver CM, Heaney RP. Dairy consumption and bone health. *Am J Clin Nutr (Letter to Editor)* 73:660, 2001.
118. Weaver CM, Kannan S. Ch. 13 Phytate and mineral bioavailability In: Food Phytates. Eds. Reddy NR and Sathe SK. Technomic Publishing Co., Inc. Lancaster, PA. ISBN 1-56676-867-5. pp. 211-223, 2001.
119. Weaver CM, Spence LA, Lipscomb ER. Ch 28 Phytoestrogens and Bone Health. In: Nutritional Aspects of Osteoporosis. Proceedings of the Symposium on Nutritional Aspects of Osteoporosis. Eds. Burkhardt P, Dawson-Hughes B, Heaney RP. *Nutr. Aspects of Osteo* pp. 315-324, 2001.

120. Heaney RP, Abrams S, Dawson-Hughes B, Looker A, Marcus R, Matkovic V, Weaver CM. Peak Bone Mass. *Osteoporosis Intl* 11:985-1009, 2000.
121. Weaver CM, Mason AC, Hamaker BR. Ch. 3 Food Uses. *Designing Crops for Added Value*. C.F. Murphy and D.M. Peterson, editors. Published by the American Society of Agronomy, crop science Society of American, and Soil Science society of America. Agronomy Monograph 40, pp. 21-55, 2000.
122. Weaver CM. Calcium and magnesium requirements of children and adolescents and peak bone mass. *Nutrition* 16:514-516, 2000.
123. Weaver CM. The growing years and prevention of osteoporosis in later life. *Proc Nutr Soc* 59:1-4, 2000.
124. Weaver CM. Calcium requirements of physically active people. *Am J Clin Nutr* 72:579S-84S, 2000
125. Weaver CM, LeBlanc A, Smith SM. Ch. 8 Calcium and related nutrients in bone metabolism. In: *Nutrition in Spaceflight and Weightlessness Models*. Eds. Lane HW. and Schoeller DA. pp. 179-201, CRC Press 2000.
126. Bryant RJ, Cadogan J, Weaver CM. The New Dietary Reference Intakes for Calcium: Implications for Osteoporosis. *J Am Coll Nutr* 18:406S-412S, 1999.
127. Weaver CM, Peacock M, Johnston C. Adolescent Nutrition in the Prevention of Postmenopausal Osteoporosis. *J Clin Endocrin Metab* 84(6):1839-1843, 1999.
128. Weaver CM, Proulx WR, Heaney RP. Choices for achieving dietary calcium within a vegetarian diet. *Am J Clin Nutr* 70:543S-8S, 1999.
129. Weaver CM, Heaney RP. Ch. 7 Calcium In: *Modern Nutrition in Health Disease*. 9th Ed. pp. 141-155, eds. ME Shils, JA Olson, M Shike, AC Ross., Williams & Wilkins, 1999.
130. Weaver CM, McCabe GP, Peacock M. Calcium intake and age influence calcium retention in adolescents. In: *Nutritional Aspects of Osteoporosis. Proceedings of the Symposium on Nutritional Aspects of Osteoporosis*. Eds. Burkhardt P, Dawson-Hughes B, Heaney RP. 22-24 May, 1997 Lausanne Switzerland Springer-Verlag NY 1998 pp 3-10.
131. Weaver CM. Current Guidelines and Optimal Calcium Intake for Adolescents- Is there a conflict? 25th International Dairy Congress, 21-23 September, 1998, Aarhus, Denmark.
132. Weaver CM. Calcium Requirements: The need to understand racial differences. *Am J Clin Nutr* 68(6):1153-1154, 1998.
133. Weaver CM. Calcium in food fortification strategies. *Intl Dairy J* 8:443-449, 1998.
134. Weaver CM. Use of calcium tracers and biomarkers to determine calcium kinetics and bone turnover. *Bone* 22:103S-104S, 1998.
135. Institute of Medicine. *Dietary Reference Intakes for Calcium, Phosphorus, Magnesium, Vitamin D, and Fluoride*. Standing Committee on the Scientific Evaluation of Dietary Reference Intakes, Food and Nutrition Board, National Academy Press, Washington, DC, 1997.
136. Weaver CM. Calcium nutrition: Strategies for maximal bone mass. *J Women's Health* 6(6):661-664, Dec. 1997.
137. Bock MA, Weaver C. Ch. 19 Calcium bioavailability using a rat model. In: *Methods in Nutrition Research*, Watson RR and Wolinsky IR, eds., CRC Press, Inc., Boca Raton, FL, 1996.
138. Weaver CM, Martin BR, Peacock M. Calcium Metabolism in Adolescent Girls. In: *Nutritional Aspects of Osteoporosis*, Burckhardt P and Heaney RP, ed., Serono Symposia Publications 7:123-128, 1995.
139. Heaney RP, Weaver CM, Barger-Lux MJ. Food Factors Influencing Calcium Availability. *Challenges of Modern Med*. In: *Nutritional Aspects of Osteoporosis*, Burckhardt P and Heaney RP, ed., Serono Symposia Publications 7:229-241, 1995.
140. Weaver CM. Ch. 11 Calcium Metabolism in Adolescents. In: *Kinetic Models of Trace Element and Mineral Metabolism During Development*. Siva Subramanian KN and Wastney M, eds., CRC Press, Inc., Boca Raton, FL 1995.
141. Proulx WR, Weaver CM. Ironing Out Heart Disease: Deplete or Not Deplete? *Nutr Today* 30(1):16-23, 1995.
142. Sojka JE, Weaver CM. Magnesium Supplementation and Osteoporosis. *Nutr Rev* 53(3):71-80, 1995.
143. Miller GD, Weaver CM. Required versus optimal intakes: A look at calcium. *J Nutr* 124:1404S-5S, 1994.
144. Weaver CM. Maintaining a Strong Skeleton. In: *Nutrition- Eating for Good Health*. USDA, Ag Info Bulletin 685:56-59, 1994.
145. Teegarden D, Weaver CM. Calcium supplementation increases bone density in adolescent girls. *Nutr Rev* 52:171-4, 1994.
146. Weaver CM, Plawecki KL. Dietary calcium: adequacy of a vegetarian diet. *Am J Clin Nutr* 59:1238-1241S, 1994.
147. Weaver CM. Age Related calcium requirements due to changes in absorption and utilization. *J Nutr* 124:1418-25, 1994.
148. Weaver CM, Schmidl MK, Woteki CE, Bidlack WR. Research needs in diet, nutrition, and health. *Food Technol* 47:14S-17S, 1993.
149. Weaver CM, Schmidt MK, Woteki CE, Bidlack WR. Necessity for research in dietetics, nutrition, and health. *Alimentari* 30:25-29, 1993 (Spanish).
150. Weaver CM. Calcium bioavailability and its relation to osteoporosis. *PSEBM* 200:157-160, 1992.
151. Weaver CM. and Rajaram, S. Exercise and iron status. *J Nutr* 122:782-787, 1992.
152. Weaver CM, Martin BR, Heaney RP. Calcium absorption from foods. In: *Nutritional Aspects of Osteoporosis*, Burckhardt P and Heaney RP, ed., Serono Symposia Publications from Raven Press 85:133-137, 1991.
153. Weaver CM. Assessing calcium status and metabolism. *J Nutr* 120:1470-1473, 1990.
154. Weaver CM. Nutritionists in the food industry- fifty years of curriculum and opportunities for graduates. *Food*

- Technol 44:82-85, 1990.
155. Weaver CM. Ch. 12 Isotopic tracer methodology: Potential in mineral nutrition. In: Trace minerals in Foods Smith KT, ed., Marcel Dekker, Inc. p. 429-454, 1988.
 156. Weaver CM. Calcium and hypertension. Cereal Foods World 33:793-795, 1988.
 157. Mason AC, Weaver CM. Selenium absorption from extrinsically and intrinsically labeled soy products. In: 3rd International Symposium on Selenium in Biology and Medicine, Combs, G.F., Levander OA, Spallholz JL and Oldfield JE, eds., Avi pp. 505-512, 1987.
 158. Weaver CM. and Evans, G.H. Nutrient interactions and hypertension. Food Technol. 40:99-101, 1986.
 159. Weaver CM. Biological labeling of foods with isotopes of selenium. In: 3rd International Symposium on Selenium in Biology and Medicine, Combs, G.F., Levander, O.A., Spallholz, J.L. and Oldfield, J.E., eds., Avi pp. 472-482, 1987.
 160. Weaver CM. Intrinsic mineral labeling of edible plants: Methods and Uses. In: CRC Critical Reviews in Food Science and Nutrition, 23:5-101, 1985.
 161. Weaver CM. Intrinsic labeling of edible plants with stable isotopes. In: Stable Isotopes in Nutrition. ACS Symposium Series #258, N.C.S., Washington, D.C., 1984.
 162. Weaver CM. Role of dairy beverages in the diet. Physiology & Behavior 100: 63-66, 2010.

Research Abstracts:

1. Shams-White M, Sackey J, Fu Z, Karlsen M, Du M, Insogna K, LeBoff M, Shapses, Wallace T, Weaver CM, Chung M. Protein intake and bone mineral density: A systematic review and meta-analysis of randomized controlled trials. FASEB J 30:678.6, 2016.
2. Zhao Y, Bailey R, Weaver C, McCabe G, Eicher-Miller H. The Usual nutrient intakes of US children and adolescents in milk drinking behavior. FASEB J 30:899.2, 2016.
3. Maiz M, Cladis DP, Lachcik PJ, Janle EM, Lila MA, Ferruzzi MG, Weaver CM. Acute bioavailability of (Poly) phenolic content of different varieties of *Vaccinium spp.* in ovariectomized rats. FASEB J 30:690.20, 2016.
4. Pellegrini GG, Morales CC, Johnson J, Wallace TC, Bellido T. Avenanthramides 2c, 2f and 2p regulate osteoblast gene expression and survival *in vitro*. FASEB J 30:1174.9, 2016.
5. Lipkie TE, Ferruzzi M, Weaver CM. Bioaccessibility of vitamin D from bread fortified with UV-treated yeast is lower than bread fortified with crystalline vitamin D 2 and bovine milk. FASEB J 30:918.6, 2016.
6. Jakeman, S.A., Henry, C., Martin, B., McCabe, G., McCabe, L., Jackson, G., Peacock, M., Weaver, C. Soluble corn fiber increases bone-calcium retention in postmenopausal women in a dosedependent manner. J Bone Min Res 30:SU0314, 2015.
7. Pellegrini GG, Bellido TM, Delgado-Calle J, Burr DB, Sato AY, Cregor MD, Weaver CM, Plotkin LI. Nrf2 mediates gender specific mechanisms on bone accrual and maintenance. Aug 2-5 2015, Sun Valley, ID.
8. Berger PK, Laing EM, Pollock NK, Warden SJ, Hill Gallant KM, Hausman DB, Tripp RA, McCabe LD, McCabe GP, Weaver CM, Peacock M, Lewis RD. Adenovirus 36, adiposity and inflammatory-related markers in children. J Bone Miner Res 29:, 2014.
9. Kindler JM, Pollock NK, Laing EM, Hill Gallant, K, Warden SJ, Martin B, Weaver CM, Peacock M, Lewis LD. Insulin resistance and bone strength in children. J Bone Miner Res 29:, 2014.
10. Whisner CM, Martin BR, Nakatsu CH, McCabe GP, McCabe LD, Peacock M, Weaver CM. Soluble corn fiber affects short-term calcium absorption in adolescent boys and girls: A randomized controlled trial using dual isotopic tracers. Br J Nutr 112:446-456, 2014.
11. Bailey R, Looker A, Gahche J, Mills J, Weaver CM. Homocysteine and bone mineral density in older females in the United States. FASEB J 28:257.5, 2014.
12. Phillips A, Martin B, Wastney M, Jackson, Radcliffe S, Van Alstine W, McKenney M, Bahls M, Newcomer S, Sturek M, Weaver CM. Calcium intake and source effects on soft tissue calcification in Ossabaw miniature swine. Am Heart Assoc. 128:A15459, 2013.
13. Hohman EE, Martin BR, McCabe LD, McCabe GP, Peacock M, Weaver Cm. Use of calcium isotope tracers for screening potential treatments for osteoporosis, FASEB J 27:1053.16, 2013.
14. Wastney ME, McCabe GP, McCabe LD, Martin BR, Peacock M, Weaver CM. Mechanisms for higher Ca retention in adolescent boys than girls identified through kinetic studies. FASEB J 27:1005.6, 2013.
15. Phillips A, McKenney M, Bahls M, Newcomer S, Radcliffe S, Van Alstein W, Jackson G, Wastney M, Martin BR, Sturek, Weaver CM. Impact of high calcium intake from calcium carbonate on dairy on cardiovascular function and the progression of coronary artery disease in Ossabaw Miniature Swine. J Bone Min Res 28:MO0184, 2013.
16. Macdonald-Clarke C, Martin BR, Whisner C, McCabe GP, McCabe LD, Ziarko K, Murphy C, Weaver CM. Soluble Corn Fiber Increases Calcium Absorption in Free Living Adolescent Girls. J Bone Min Res 28:SA0031, 2013.
17. Hohman EE, Weaver CM. Dietary grape improves bone calcium retention in ovariectomized rats. J Bone Min Res

- 28:SA0417, 2013.
18. Hill Gallant K, McCabe G, McCabe L, Martin B, Laing E, Hausman D, Weaver, Lewis R, Peacock M. Healthy Black and White Children Show No Difference in the Relationship between Change in Serum PTH and Change in Serum 25-Hydroxyvitamin D with Oral Vitamin D3. *J Bone Min Res* 28:MO0023, 2013.
 19. Hill KM, Laing EM, Ferira AJ, Martin BR, Acton A. Weaver CM, Lewis RD, Peacock M. Leptin but not osteocalcin relates to insulin resistance in early pubertal children. *J Bone Min Res* 27:MO0040, 2012.
 20. Lipkie TE, Jannasch A, Cooper B, Hohman E, Weaver CM, Ferruzzi. Validation of an analytical method for the quantification of vitamin D and 25-hydroxyvitamin D in soft tissues. *J Bone Min Res* 27:SU0437 2012.
 21. Hohman E, McCabe G, Weaver CM. Validation of urinary ⁴⁵Ca excretion from deep-labeled bone for screening anabolic osteoporosis therapies in rats. *J Bone Min Res* 27: , 2012.
 22. Berger P, Pollock NK, Laing EM, Bowser MR, Hamrick MW, Isales CM, Foss S, Weaver CM, Peacock M. Myostatin Serum Concentrations are Decreased with Vitamin D Supplementation in Black, but not White, Children. *J Bone Min Res* 27:MO0169, 2012.
 23. Nakatsu CH, Clavijo A, Armstrong A, Martin B, Weaver CM. Impact of diet on human gut microbial communities. *ISME* 2012.
 24. Martin BR, Whisner C, Delany L, Weaver CM. Race, diet, and body size contribute to skeletal parameters in female adolescents. *FASEB J* 26:378.3, 2012
 25. Whisner CM, Martin BR, Clafijo A, Nakatsu CH, McCabe GP, McCabe LD, van den Heuvel EGHM, Schoterman MHC, Weaver CM. Galactooligosaccharides: effects on calcium absorption and gut microflora in young premenarcheal girls. *FASEB J* 27:625.5, 2012.
 26. Whisner CM, Martin BR, McCabe GP, McCabe LD, Weaver CM. Soluble corn fiber effects on calcium absorption and retention in adolescent girls and boys. *FASEB J* 27:1056, 2012.
 27. Hill K, Martin B, Wastney M, Moe SM, McCabe G, Weaver, Peacock M. Calcium carbonate supplement produces positive calcium balance in stage 3/4 chronic kidney disease. *J Bone Min Res* 26:SA0175, 2011.
 28. Warden S, Ferira A, Laing E, Hill K, Martin B, Weaver C, Peacock M, Lewis R. Racial differences in cortical bone mass, size and estimated strength at the tibial diaphysis in early pubertal children. *J Bone Min Res* 26:SU0025, 2011.
 29. Park C, Fleet J, McCabe G, Weaver C. Interaction of calcium intake and vitamin D status throughout young adulthood and OVX-induced estrogen deficiency on bone and calcium metabolism. *J Bone Min Res* 26:SU0469, 2011.
 30. Hill K, Martin B, Laing E, Warden S, McCabe G, Lewis R, Weaver C, Peacock M. Bone biomarkers and mineral biochemistries in early pubertal black and white adolescent boys and girls. *J Bone Min Res* 26:MO0025, 2011.
 31. Jackson G, Lee WH, Martin B, Weaver C. Correlations of urinary ⁴¹Ca with biomarkers and minerals in postmenopausal women. *J Bone Min Res* 26:MO0321, 2011.
 32. Hohman E, McCabe G, Weaver C. Soy isoflavones, alone or in combination with risedronate, do not reduce bone resorption in ovariectomized rats. *J Bone Min Res* 26:MO0467, 2011.
 33. Wiersma J, Martin B, McCabe G, McCabe L, Jackson G, Peacock M, Barnes S, Weaver C. A moderate oral dose of mixed isoflavones was most effect at reducing bone resorption in postmenopausal women. *J Bone Min Res* 26:MO0477, 2011.
 34. Williams J, Ferira A, Laing E, Hausman D, Weaver C, Peacock M, Hill K, Martin B, Warden S, Pollock N, Lewis R. 25-Hydroxyvitamin D, parathyroid hormone and muscle relationship in early pubertal adolescents. *J Bone Min Res* 26:MO0482, 2011.
 35. Janle, Elsa M, Ferruzzi, Mario G., Ho, Lap , Chen, Tzu-Ying, Lobo, Jessica, Simon, James, Talcott, Stephen, Wu, Qing-Li, Weaver, Connie M, Pasinetti, Giulio. Alzheimer's disease, grape polyphenols, bioavailability. The International Workshop on Anthocyanins, Sept 11-14 2011, Charlotte, NC.
 36. Lelièvre SA, Cheng J-X, Irudayaraj J, Leary JF, Weaver CM, IBCN core committee. A global endeavor towards primary prevention with the international breast cancer and nutrition (IBCN) project: Novel bioengineering-based detection and diagnostic initiatives.
 37. Hill KM, Martin BR, Moe SM, McCabe GP, Weaver CM, Peacock M. Effect of calcium carbonate supplement on phosphate balance and homeostasis in patients with State 3 and 4 chronic kidney disease *Am Soc Neurology*, 2011.
 38. Eicher-Miller, H. Food insecurity is associated with diet and bone mass disparities in early adolescent U.S. males but not females. *FASEB J* 26:9206, 2011.
 39. Hill KM, McCabe, McCabe LD, Gordon CM, Abrams SA, Weaver CM. The relationship fo serum 24-hydroxyvitamin D and parathyroid hormone from pooled data in children and adolescents. *FASEB J* 25:7, Abst S26, 2010.
 40. Ho L, Merruzzi MG, Janle EM, Lobo J, Chen T-Y, Talcott ST, Simon J, Wu QL, Wang J, Cheng A, Weaver CM, Percival SS, Pasinetti. Bioavailability of grape-derived polyphenolics and implications in Alzheimer's disease prevention and therapy. *FASEB J* 25:55, Abst 209.3, 2010.

41. Legette LL, Martin BR, Barnes S, Weaver CM. Synergy®, a prebiotic, but not genistein supplementation, either along or with Synergy®, affects bone mechanical properties in ovariectomized rats. *FASEB J* 25:55, Abst 209.6, 2010.
42. Hill KM, McCabe GP, McCabe LD, Gordon CM, Abrams SA, Weaver CM. The relationship of serum 25-hydroxyvitamin D and parathyroid hormone from pooled data in children and adolescents. *FASEB J* 25:85, Abst 325.5, 2010.
43. Legette LL, Prasain JK, Arabshahi A, Barnes S, Weaver CM. Pharmacokinetics of dietary equol in ovariectomized rats. *FASEB J* 25:143, Abst 540.4, 2010.
44. Legette LL, Martin BR, Campbell JK, Weaver CM. A synthetic fiber affects early calcium metabolism in inulin-based fibers affect bone biomechanical properties in ovariectomized rats. *FASEB J* 25:212, Abst 726.4, 2010.
45. Weinheimer E, O'Connell BN, Martin BR, Schoeller DA, Weaver CM, Campbell WW. Water turnover assessment in overweight adolescents. *FASEB J* 25:215, Abst 731.3, 2010.
46. Hill K, Martin B, McCabe L, McCabe G, Weaver CM. Predictors of skeletal calcium accretion in adolescent boys and girls. *J Bone Miner Res* 25: , Abst 1177, 2010.
47. Hohman E, Martin B, Lachcik P, Gordon D, Fleet J, Weaver CM. Vitamin D3 and D2-rich yeast are equally effective in improving trabecular bone quality in vitamin D deficient rats. *J Bone Miner Res* 25:MO0483, 2010.
48. Ho L, Ferruzzi, M, Janle E, Lobo J, Chen T-Y, Talcott SS, Simon J, Wu QL, Wang J, Weaver C, Percival SS, Pasinetti GM. Identification and characterization of brain-targeting grape-derived polyphenolics : implications in Alzheimer's disease prevention and therapy. *Neuroscience* S18309, 2010.
49. Nakatsu CH, Clavijo A, Armstrong A, Lasrado JA, Martin B, Weaver CM. Temporal dynamics of human gut microbial community in post-menopausal women. *Am Soc Microbiology*. 2010
50. Hohman E, Martin BR, Lachcik P, Gordon DT, Fleet, J, Weaver. Bioavailability of vitamin D from bread made with vitamin D enriched yeast in rats. *J Bone Miner Res* 24: , Abst SA0459, 2009.
51. Hill K, Martin BR, McCabe L, McCabe G, Weaver. Body composition and calcium retention in adolescents. *J Bone Miner Res* 24: , Abst FR0008, 2009.
52. Adamec J, Jannasch AS, Huang J, Hohman E, Fleet J, Peacock M, Ferruzzi, Martin BR, Weaver C. Development of optimization of LC-MS based method for simultaneous quantification of vitamin D2, vitamin D3, 25-hydroxyvitamin D2 and 25-hydroxyvitamin Dc. *J Bone Miner Res*. 24: , Abst SU0458, 2009.
53. Wiersma J, Martin B, McCabe G, McCabe L, Jackson G, Peacock M, Barnes S, Simon J, Weaver C. Equol-producing status does not predict the antiresorptive effects of soy isoflavone supplements. *J Bone Miner Res* 24: , Abst SA0410, 2009.
54. Wiersma J, Martin B, Wyss M, Lachcik, Weaver C. Kudzu isoflavones do not reduce bone loss in an ovariectomized rat model. *J Bone Miner Res* 24: , Abst SU0413, 2009.
55. Lobo JK, Ferruzzi MG, Janle EM, Whittaker N, Cooper BR, Weaver CM, Wu Q-L, Welch C, Ho L, Pasinetti GM. Bioavailability of gallic acid and catechins from neuroprotective grape seed extract is improved by repeated dosing in rats. *FASEB J*. 23:103, 2009.
56. Tang M, Weaver CM, Martin BR, Jackson GS, Campbell WW. Protein intake, weight loss, and bone mineral density in postmenopausal women. *FASEB J* 23:108, 2009.
57. Park CY, Hill KM, Elble AE, Martin BR, Peacock M, McCabe GP, Weaver CM. Effect of vitamin D supplementation on calcium absorption and retention in adolescent girls. *FASEB J* 23:112, 2009.
58. Weaver CM. Overview. Bench to application. *FASEB J*. 23:226, 2009.
59. Weaver CM. Paradigm of calcium requirements for optimal bone accretion. *FASEB J*. 23:226, 2009.
60. Huang J, Peacock M, Adamec J, Fleet J, Burgess J, Teegarden D, Ferruzzi M, Weaver CM. Development and validation of a new LC/MS/MS method for simultaneous detection and quantification of vitamin D related metabolites. *FASEB J*. 23:731.1, 2009.
61. Martin BR, Lachcik P, Story J, Weaver C. Calcium absorption, retention and bone calcium content are enhanced by different fibers in male Sprague Dawley rats. *FASEB J*. 23:731.4, 2009.
62. Wu L, Martin B, McCabe L, McCabe G, McClintock RM, Peacock M, Weaver CM. Serum parathyroid hormone response to oral calcium load in Asian adolescents. *J Bone Miner Res* 23:S420 Abst M188, 2008.
63. Shahnazari M, Lee W, Martin BR, Weaver CM. Bone turnover evaluated by a combined calcium balance and ⁴⁵Calcium kinetic study, and dynamic histomorphometry: Effect of ovariectomy and sub-optimal dietary calcium in rats. *J Bone Miner Res* 23:S407 Abst M137, 2008.
64. Elble AE, Hill KM, Park CY, Martin BR, Weaver CM. Effect of particle size of calcium carbonate supplement on calcium retention in adolescent girls. *J Bone Miner Res* 23:S237 Abst SA545, 2008.
65. Park CY, Hill KM, Elble AE, Martin BR, Peacock M, Weaver CM. Effect of skin color and oral vitamin D supplementation on the serum 25(OH) vitamin D in adolescent girls. *J Bone Miner Res* 23:S242 Abst SU395, 2008.
66. Legette LL, Martin BR, Shahnazari M, Helferich WG, Barnes S, Weaver CM. Dietary equol induces changes in

- femur, but not tibia, calcium content of ovariectomized rats in a dose-dependent manner. *FASEB J.* 2008; 22:148.1.
67. Hill KM, Eible AE, Park CY, Martin B, Mobley SL, Weaver CM. Relationship between physical fitness and bone and physical activity and calcium retention in adolescent girls. *J Bone Miner Res* 23:S238 Abst SA553, 2008.
 68. Lee W, McCabe GP, Wastney ME, Martin BR, Weaver CM: Validation of a simple isotope method estimating true calcium fractional absorption in adolescent girls. *J Bone Miner Res* 22:S263 Abst T134, 2007.
 69. Kamp KM. The effects of calcium intake load and protein source on satiety. *IFT Book of Abstracts*, 2007.
 70. Weinheimer EM, Martin BR, Weaver CM, Campbell WW. Exercise effect on water balance in pre-menopausal recreationally active women. *FASEB J.* 21(5): A691, 2007.
 71. Hill KM, Braun M, Martin BR, McCabe L, McCabe GP, Kern M, Navalta JW, Sedlock DA, Peacock M, Weaver CM. Influence of habitual diet and physical activity on determining calcium retention in adolescent boys. *FASEB J.* 21(5): A358, 2007.
 72. Wu L, Martin BR, Braun M, McCabe G, McCabe L, Kempa-Steczko A, Dimeglio L, Peacock M, Weaver CM. Calcium retention as a function of calcium intake in Asian adolescents. *FASEB J.* 21(5): A354, 2007.
 73. Janle EM, Lila MA, Wood L, Higgins A, Yousef GG, Rogers RB, Kim H, Jackson G, Weaver CM. Kinetics and tissue distribution on ¹⁴C labeled grape polyphenol fractions. *FASEB J.* 21(5): A1070, 2007.
 74. Wu L, Martin BR, Wastney ME, Braun M, Peacock M, Weaver CM. Calcium absorption in Chinese American adolescents. *JBMR* 21 (1): S372, 2006.
 75. Janle EM, Lachcik P, Guiden H, Browne S, Martin BR, Weaver CM. Benefit of calcium as dairy versus calcium carbonate in building and preserving bone in rat. *JBMR* 21 (1):M004, 2006.
 76. Reinwald S, Martin B, McCabe GP, Jackson G, Nolan J, Peacock M, Barnes S, Weaver CM. Antiresorptive effects of various commercial isoflavone supplements compared to Estradiol or residronate in postmenopausal women using Ca-41 methodology. *JBMR* 21 (1): SA011, 2006.
 77. Wastney ME, Jackson GS, Weaver CM. Physiological interpretation of ⁴¹Ca kinetics in women. *JBMR* 21 (1):SA014, 2006.
 78. Braun M, Wastney ME, Martin BR, Kempa-Steczko A, Peacock M, Weaver CM. Differences in calcium retention and rates of bone remodeling in an adolescent boy, before and after fracture. *JBMR* 21 (1):SA365, 2006.
 79. Martin BR, Janle EM, Lachcik P, Weaver CM. Optimum particle size of calcium carbonate increases calcium absorption and retention in male Sprague Dawley rats. *JBMR* 21 (1):SA368, 2006.
 80. Zhao, Y, Terry DE, Fleet JC, Adamec J, Zhang X, Kemeh S, Davisson VJ, Weaver CM. Effects of hindlimb unloading and bisphosphonates on the serum proteome in rats. *JBMR* 21 (1):SU171, 2006.
 81. Lyle RM, Eagan MS, Weaver CM. Use of accelerometry to assess physical activity in free living overweight or obese adolescents. *MSSE* 38:5 Supplement 2006
 82. Eagan MS, Lyle RM, Blankenship BT, Lutes KD, Lowe KM, Weaver CM. Use of accelerometry and personal digital assistant (PDA) self-reporting to assess physical activity in free living, normal weight, Asian adolescents. *MSSE* 38:5 Supplement 2006
 83. Boushey CJ, Kerr DA, Wright J, Martin BR, Weaver CM. Adolescents' preferences for dietary intake methods in the United States: a qualitative and quantitative evaluation. Sixth International Conference on Dietary Assessment Methods. SY16-05. Copenhagen, Denmark, April 26-29, 2006.
 84. Singh R, Martin BR, Weaver C, Schoeller DA. BMI and dietary fat predict error in diet records from obese teens when compared to energy expenditure measured by doubly labeled water. *FASEB J.* 20(4):A181, 2006.
 85. Martin, B.R., Weaver C., Davis, S, Bendich, A. Correction of exercise-induced calcium loss in premenopausal women. *FASEB J.* 20(4):A991, 2006.
 86. Braun M, Martin BR, Campbell WW, Teegarden, D, Craig B, Weaver CM. Impact of increasing calcium intake with dairy vs. calcium carbonate on calcium retention in overweight adolescents. *FASEB J.* 20(4):A992, 2006.
 87. Ariefdjohan MW, Martin BR, Lachcik PJ, Weaver CM. Acute vs. chronic effects of honey and its carbohydrate constituents on calcium absorption in rats. *FASEB J.* 20(4):A1604, 2006.
 88. Boushey CJ, Kerr DA, Wright J, Martin BR, Weaver CM. Adolescents' preferences for dietary intake methods in the United States: a qualitative and quantitative evaluation. 6th Intl. Conference on Dietary Assessment Methods, Copenhagen, Denmark April, 2006.
 89. Weaver CM, McCabe LD, McCabe GM, Novotny R, Van Loan MD, Going SB, Boushey C. Bone mineral and predictors of whole body, total hip, and lumbar spine for 740 early pubertal white, Hispanic, and Asian girls. *JBMR* 20(1): S314, 2005.
 90. Braun M, Martin BR, McCabe GP, DiMeglio LA, Peacock M, Weaver CM. Vitamin D status and calcium absorption in black and white boys and girls on a range of controlled calcium intakes. *JBMR* 20(1):S315, 2005.
 91. Cheong JMK, Gunaratna NS, McCabe GP, Weaver CM. Use of ³H-Tetracycline to assess the effects of ovariectomy stabilization and diet on bone resorption in rats. *JBMR* 20(1):S192, 2005.
 92. Thierry-Palmer M, Henderson V, El Hammali R, Cephas S, Palacios C, Martin BR, Weaver CM. Plasma 24,25-Dihydroxyvitamin D and urinary 25-Hydroxyvitamin D binding activity of black and white female adolescents. *JBMR*

- 20(1):S435, 2005.
93. Fleet JC, Weaver CM, Friedman AM, Weatherman RV, Webster TJ. Nanoparticles for the treatment of osteoporosis. *AICHe* #26384, 2005.
 94. Zhao YD, Martin BR, Weaver CM. Calcium bioavailability from fortified soymilk and bovine milk. *FASEB J.* 19(5):A1704, 2005.
 95. Braun M, Palacios C, Wigertz K, Martin BR, Weaver CM. Racial differences in magnesium metabolism in adolescent girls on a controlled diet. *FASEB J.* 19(5):A1704, 2005.
 96. Ariefdjohan MW, Martin BR, Lachick P, Weaver CM. The effect of honey and its carbohydrate constituents on calcium absorption in rats. *FASEB J.* 19(5):A93, 2005.
 97. Fleet JC, Zhao YD, Hong J, Weaver CM. Evidence for active calcium absorption and vitamin D-mediated regulation of TRPV6 and calbindin D9k in the cecum of rodents. *FASEB J.* 19:A1462, 2005.
 98. Abrams SA, Weaver CM, McCabe GP, Griffin IJ, Hilmers DC, Hawthorne K, Martin BR, McCabe GP and Ellis KJ. Calcium absorption is related to growth during puberty. *Pediatr Res* 55:181A, 2004.
 99. Welch JM, Weaver CM, Sojka JE. 2004 A moderately low magnesium diet exerts few changes in the leg bones of growing rats. *JBMR* 19(1):S291, 2004.
 100. Cheong J, Nolan J, Jackson G, Martin B, Elmore D, McCabe G, Barnes S, Peacock M, Weaver CM. Dose response study of soy isoflavones on bone resorption in postmenopausal women. *JBMR* 19(1):SA414, 2004.
 101. Zhao YD, Cheong JMK, Martin BR, Weaver C. Mathematical modeling of ³H-tetracycline and ⁴⁵Ca metabolism as bone resorption markers in rats. *JBMR* 19(1):S211, 2004.
 102. Braun M, Jiang Z, Palacios C, Wigertz K, Jackman LA, Bryant RJ, Martin BR, McCabe G, Peacock M, Weaver CM. Racial Differences in Calcium Retention in Adolescent Girls on a Range of Controlled Calcium Intakes. *JBMR* 19(1):SA418, 2004.
 103. Lyle RM, Eagan MS, Weaver CM. Use of accelerometry to assess physical activity in free living overweight or obese adolescents. *ASCM* 2004.
 104. Jiang Y, Welch JC, Weaver CM. Kudzu isoflavones reduce bone loss in ovariectomized rats. *JBMR* 19(1):SA106, 2004
 105. Zhao YD, Martin B, Weaver CM, Wastney ME, Schollum L. Whey proteins enhanced calcium absorption in growing rats. *FASEB J.* 18:A525, 2004.
 106. Braun M., Martin, B., Kern, M., McCabe, G., Jiang, Z., Peacock, M., Weaver, C.M. Influence of circulating hormones and biomarkers of bone metabolism on calcium retention in adolescent boys and girls. *FASEB J.* 18:A525, 2004.
 107. Braun M, Martin BR, Kern M, McCabe GP, Peacock M, Mactan A, Liesman J, Kempa-Steczko A, Weaver CM. Relationship of calcium intake and calcium retention in adolescent boys. *JBMR* 18:SA006, 2003.
 108. Cheong JMK, Jackson GS, Martin BR, Elmore D, Nolan JR, Peacock M, McCabe GP, Weaver CM. Bone resorption in postmenopausal women using 41-Ca technology. *JBMR* 18:M017, 2003.
 109. Welch JM, Weaver CM, Turner CH. Dietary calcium affects the intertrochanteric region of the femur. *JBMR* 18:M304, 2003.
 110. Welch JM, Weaver CM, Turner CH. Effect of impact loading and dietary calcium on the rat ulna. *JBMR* 18:SU174, 2003.
 111. Palacios C, Martin BR, Weaver CM. Predictors of bone mineral content and density in black and white adolescents. *FASEB J.* 17(5):A297, 2003.
 112. Zafar TA, Weaver CM. Inulin and calcium metabolism in ovariectomized (OVX) rats. *FASEB J.* 17(5):A721, 2003.
 113. Braun M, Palacios C, Wigertz K, Martin BR, Weaver CM. Effect of dietary salt on magnesium excretion in black and white adolescent females. *FASEB J.* 17(5):A1131, 2003.
 114. Boushey C, Weaver CM, Martin BR. Validation of semi-quantitative food frequency questionnaire for assessing calcium intake of youth in the United States. The Fifth International Conference on Dietary Assessment Methods, Chiang-Rai Thailand, January 26-29, 2003.
 115. Martin B, Braun M, Wigertz K, Wood O, Bryant R, Weaver CM. The effect of inulin on calcium absorption in adolescent females. *J Am Col Nutr* 21(5):485(Abstr 85), 2002.
 116. Jackson GS, Spence LA, Elmore D, Martin BR, Tong C, McCabe G, Rounds MA, Weaver CM. Development of a precise, accurate, and rapid measure of bone resorption using accelerator mass spectrometry. *FASEB J.* 16(4):A224, 2002.
 117. Welch JM, Weaver CM, Turner CH. The freefall impact protocol: A rodent model to assess the effect of impact on the appendicular skeleton. *ASBMR Abstract* SU178, 2002.
 118. Welch JM, Weaver CM, Turner CH. Structural changes in the rat humerus as a result of freefall impact. *ASBMR Abstract* SU179, 2002.
 119. Palacios C, Wigertz K, Martin BR, Peacock M, Weaver CM. Effect of dietary calcium and salt on sodium excretion in black and white female adolescents. 2002.
 120. Spence LA, Lipscomb ER, Cadogan J, Martin BR, Peacock M, Weaver CM. Effect of soy isoflavones on calcium

- metabolism in postmenopausal women. *J. Nutr.* 132:581S, 2002.
121. Cai, DJ, Cullen DM, Turner CH, Weaver CM. Comparative effects of soy isoflavones, soy protein and 17 β -Estradiol on calcium and bone metabolism in adult ovariectomized rats. *J. Nutr.* 132:581S, 2002.
 122. Navalta JW, Sedlock DA, Weaver CM, Kern M, Park K-S, Stewart LK, Timmerman KL, Petite J. Comparison of two methods for predicting VO_{2max} in adolescent boys with high and low physical activity levels. *A.C.S.M.*, 2002.
 123. Wigertz K, Palacios C, Kempa-Steczko A, Martin B, McCabe G, Peacock M, Pratt JH, Weaver CM. The effect of dietary sodium on calcium retention in black and white female adolescents. *JBMR* 16:S318, 2001.
 124. Cai DJ, Glasier J, Turner C, Weaver CM. Comparative effects of isoflavones, soy protein and 17beta-Estradiol on calcium and bone metabolism in adult ovariectomized rats. I. Analysis of calcium balance, bone densitometry and mechanical strength. *JBMR* 16:S531, 2001.
 125. Spence LA, Lipscomb ER, Cadogan J, Martin BR, Peacock M, Wastney M, Weaver CM. Effects of soy isoflavones on calcium kinetics in postmenopausal women. *JBMR* 16:S532, 2001.
 126. Lipscomb ER, Spence LA, Cadogan J, Martin BR, Peacock M, Weaver CM. Comparative effects of animal and legume proteins on urinary calcium, urinary sulfate, and urinary net acid excretion and kidney function in postmenopausal women. *JBMR* 16:S532, 2001.
 127. Cai JD, Cullen DM, Peyton AC, Weaver CM. Comparative effects of soy isoflavones, soy protein and 17beta-Estradiol on trabecular and cortical bone in adult ovariectomized rats – II. A histomorphometric analysis. *JBMR* 16:S536, 2001.
 128. Palacios C, Wigertz K, Martin BR, Peacock M, Weaver CM. Biochemical markers of bone turnover in response to dietary salt. *JBMR* 16:S246, 2001.
 129. Zhang Q, Wastney ME, Rosen CJ, Weaver CM. Insulin-like growth factor I (IGF-I) infusion increases bone calcium deposition in the growing rat model. *JBMR* 16:S356, 2001.
 130. Spence LA, Lipscomb ER, Cadogan J, Martin BR, Peacock M, Weaver CM. Effect of Soy Isoflavones on Calcium Metabolism in Postmenopausal Women. 4th International Symposium on the Role of Soy in Preventing and Treating Chronic Disease San Diego CA November 4-7, 2001 p. 33.
 131. Cai DJ, Cullen DM, Turner CH, Weaver CM. Comparative Effects of Soy Isoflavones, Soy Protein and 17-beta-Estradiol on Calcium and Bone Metabolism in Adult Ovariectomized Rats—Analyses of Ca Balance, Ca Kinetics, Bone Densitometry, Bone Biomechanics and Bone Histomorphometry. International Symposium on the Role of Soy in Preventing and Treating Chronic Disease San Diego CA November 4-7, 2001, p. 33.
 132. Lipscomb ER, Spence LA, Cadogan J, Martin BR, Peacock M. Soy Protein Improves Urinary Calcium Excretion Relative to Milk Protein in Post-Menopausal Women. 4th International Symposium on the Role of Soy in Preventing and Treating Chronic Disease San Diego CA November 4-7, 2001, p. 70.
 133. Morr e DJ, Morr e DM, Weaver CM, Barnes S, Kim H, Simon J, Janle E, Mattes RD, Santerre CR. Purdue University and University of Alabama-Birmingham Botanical Center for Age-Related Diseases. *Am. Soc. Pharmacognosy & Council for Responsible Nutrition.* November 8-11, 2001.
 134. Martino HSD, Martin BR, Weaver CM, Costa NMB. Soybean varietal effect on iron bioavailability in rats from an extrinsically labeled soy flour. *FASEB J* 15:A986, 2001.
 135. Palacios C, Wigertz K, Pratt HJ, Martin BR, Peacock M, Weaver CM. Racial differences in sodium retention in response to dietary salt in female adolescents. *FASEB J* 15:A730, 2001.
 136. Spence LA, Lipscomb ER, Cadogan J, Martin BR, Peacock M, Weaver CM. *FASEB J* 15:A728, 2001.
 137. Gunther CW, Legowski PA, Lyle RM, Peacock M, Weaver CM, Teegarden D. *FASEB J* 15:A252, 2001.
 138. Liu J, Navalta J, Sedlock D, Flynn M, Park KS, Phillips M, Ji HG, Andrews J, Paik IY, Weaver CM. Resting metabolic rate and substrate utilization in adolescent African American and Caucasian girls. *Midwest Am. Col Sports Med.* Grand Rapids, MI Oct. 5-7, 2000.
 139. Palacios C, Wigertz K, Weaver CM. Sodium excretion in sweat in adolescent females from a metabolic study. *FASEB J* 14(4):164, 2000.
 140. Wigertz K, Palacios C, Martin BR, Weaver CM. The effects of dietary sodium on dermal calcium losses. *FASEB J* 14(4):183, 2000.
 141. Bock MA, Weaver CM, Martin BR, Kempa-Steczko A. Effect of an inositol phosphate derivative on calcium absorption in rats. *JADA*, in press.
 142. Bryant RJ, Wastney ME, Martin BR, Peacock M, Weaver CM. Calcium kinetics help explain higher bone mineral density in black female adolescents. *JBMR* 15:S148, 2000.
 143. Lin Y-CM, Lyle RM, Weaver CM, Teegarden D. Effects of nutrition intake and body weight on changes in bone mineral measures in young women. *JBMR* 14:S532, 1999.
 144. Zhang Q, Rosen C, Wastney ME, Sato M, Martin BR, Weaver CM. Profile of IGF-I and calcium accretion with age in female rats. *JBMR* 14:SA112, 1999.
 145. Zhang Q, Cai J, Wastney ME, Mirchandani H, Weaver CM. Effect of different salts on calcium kinetics in rats. *JBMR* 14:SA408, 1999.

146. Teegarden D, Lin Y-CM, Weaver CM, Lyle RM, McCabe GP. Calcium intake relates to change in body weight in young women. *FASEB J.* 13:A873, 1999.
147. Lin Y-CM, Lyle RM, Weaver CM, Teegarden D. Impact of diet variables on changes in spine bone mineral density. *FASEB J.* 13:A580, 1999.
148. Bryant RJ, Martin B, Wood O, Peacock M, Weaver CM. Calcium metabolism in black and white adolescent females. *FASEB J.*, 13:A870, 1999.
149. Palacios C, Martin BR, Peacock M, Pratt H, Weaver CM. Sodium and potassium balance in black female adolescents from a metabolic study. *FASEB J.*, 13:A246, 1999.
150. Burr DB, Yoshikawa T, Teegarden D, McCabe G, McCabe L, Weaver CM. Exercise and oral ontraceptives suppress the normal age-related increase in bone mass and strength in the femoral neck of young women 18-31 years old. *Orthopaedic Res. Soc.* 2: 1999.
151. Palacios C, Martin BR, Peacock M, Weaver CM. Comparison of sodium excretion between white and black female adolescents from a metabolic study. *FASEB J.* 12:A1276, 1998.
152. Costa NMB, Martin BR, Weaver CM. Calcium bioavailability of fumaric acid salts using the rat model. *JBMR* 23(5):W386, 1998
153. Pribila B, Hertzler S, Martin B, Weaver CM, Savaiano D. Lactose digestion and tolerance among African American adolescent girls fed a high calcium dairy-based diet. *FASEB J.* 12:A3233, 1998.
154. Walker DD, Lyle RM, Teegarden D, Corrigan D, Kern MJ, Weaver CM. Regional fat distribution and cardiovascular disease risk in premenopausal women. *ACSM Abstract*, 1998
155. Martin BR, Wastney ME, Ng J, Smith D, Peacock M, Weaver CM. Changes in calcium kinetics with post pubertal age. *J. Bone Min. Res.* Abstract No. S534, 1997.
156. Turnlund JR, Weaver CM, Thompson KH, Keyes WR, Peiffer GL. Absorption and utilization of molybdenum from soy intrinsically labeled with a stable molybdenum isotope. 16th International Congress of Nutrition 1997
157. Wastney ME, Martin BR, Ng J, Smith D, Peacock M. Changes in calcium kinetics in adolescent girls with calcium intake. *FASEB Journal* 11(3):A572, 1997.
158. Zafar T, Weaver CM, Ashendel C, Dunn MA. Effect of aluminum on calcium absorption and bone strength. *FASEB Journal* 11(3):A572, 1997.
159. Gao F, Weaver CM, Burgess JR. Increased calcium-independent phospholipase A₂ activity in vitamin E and selenium deficient rat intestine in prevented by tertbutylhydroquinone. *FASEB Journal* 11(3):A583, 1997
160. Shen X, Weaver CM, Kempa-Steczko A, Martin BR, Phillippy BQ. Effect of inositol phosphates on calcium absorption. *IFT Book of Abstracts*, p. 203, No. 69D-18, 1997.
161. Lin Y-C, Lyle RM, Johnston CC, Weaver CM, McCabe GP, McCabe LD, Teegarden D. Femoral neck bone density in young women. *FASEB Journal* 11(3):A389, 1997.
162. Kern M, Teegarden D, Proulx WR, Lyle RM., Beshgetoor, and Weaver, C.M. Effects of long-term exercise on strength body composition and serum lipid profile in young women. *FASEB Journal* 11(3):A356, 1997.
163. Turnlund JR, Weaver CM, Thompson KH, Keyes WR, Peiffer GL. Absorption and utilization of molybdenum from soy, kale and an extrinsic label. *FASEB Journal* 11(3):A818, 1996.
164. Teegarden D, Lyle RM, Proulx WR, Kern MK, Sedlock DA, McCabe G, Peacock M, Johnston CC, Weaver CM. Effect of exercise intervention and age on total body bone mineral content in young women. *Med. Sci. Sports Ex.* 28:S159, 1996.
165. Kern M, Teegarden D, Proulx WR, Lyle RM, Weaver CM. Effects of exercise in serum lipoproteins, LCAT activity, and APO A-I in young women. *Med. Sci. Sports Ex.* 28:S96, 1996.
166. Turnlund JR, Weaver CM, Kim SK, Keyes WR, Peiffer GL. Absorption and utilization of molybdenum from soy, kale, and an extrinsic label. *FASEB Journal* 10:A818, 1996.
167. Teegarden D, Lyle RM, Proulx WR, Kern MK, McCabe GP, Johnston CC, Weaver CM. Spine peak bone mass in young women. *J. Bone Min. Res.*, 11:S82, Abstract No. T683, 1996.
168. Jackman L, Millane S, Martin BR, McCabe GP, Zhao J, Peacock M, Weaver CM. Calcium intakes for optimal accretion during adolescence. *FASEB Journal* 10:A467, Abstract No. 2697, 1996.
169. Froese S, Sojka J, Martin B, Jackman L, Millane S, Weaver C. The effect of high and low calcium intake on parameters of magnesium metabolism in adolescent girls. *FASEB Journal*, Abstract No. 4518, 1996.
170. Sojka J, Wastney M, Abrams S, Froese S, Martin B, Weaver C. Determination of magnesium kinetics using stable isotope tracers in adolescent girls. *FASEB Journal*, Abstract No. 4519, 1996.
171. Shen X, Martin BR, Weaver CM. Effect of lignin on calcium absorption in rats. *IFT Book of Abstracts*, p. 159, No. 69D-13, 1996.
172. Weaver CM, Peacock M, Martin BR, Jackman LA, Millane S. Calcium intake, calcium balance, and biomarkers in adolescent females. *J. Bone Min. Res.* 11:S467, Abst #672, 1996.
173. Proulx WR, Teegarden D, Lyle RM, Kern M, Weaver CM. The effect of a combined exercise program on iron status in college age women. *FASEB Journal* 9:A984, 1995.

174. Hanes D, Weaver CM, Wastney ME. Absorption pathway of calcium oxalate. *FASEB J* 9:A283, 1995.
175. Weaver CM, Magnusen HM, Martin BR, Schulze DG, Gruenhagen SE. Phosphate absorption inhibition by ferrihydrate vs. calcium acetate in rats. *FASEB J* 9:A687, Abstract No. 3983, 1995.
176. Zafar TA, Weaver CM, Martin BR, Flack R, Elmore D. ²⁶Al and ⁶⁷Ga metabolism in rats. *FASEB J* 9:A455, Abstract No. 2636, 1995.
177. Slemenda C, Johnston CC, Weaver CM. Peak bone mass in young women. *JBMR* 10:711-715, 1995.
178. Wastney ME, Ng J, Martin BR, Peacock M, Weaver CM. Differences in calcium kinetics between adolescent girls and young women. *FASEB J* 8:A693, Abstract No. 4021, 1994.
179. Teegarden D, Proulx WR, Johnston CC, Weaver CM, Lyle RM. Nutrient intake and body composition in young women. *Am. Assoc. Hlth, Physical Ed., Recreation and Dance*, 1994.
180. Martin BR, Weaver CM, Plawewski K, Peacock M. Skeletal calcium accretion in adolescent and young adult women determined by dual energy x-ray absorptiometry and balance technique. *FASEB J* 8:A693, Abstract No. 4022, 1994.
181. Teegarden D, Proulx WR, Kern M, Knight AP, Johnston CC, Weaver CM. Previous milk intakes influence bone mineral measures in young women. *J. Bone. Min. Res.* 9:S270, Abstract No. B163, 1994.
182. Teegarden D, Proulx WR, Johnston CC, Slemenda C, McCabe G, Zhao J, Martin BR, Weaver CM. Peak bone mass in young women. *FASEB Journal* 8:A706, Abstract No. 4098, 1994.
183. Anderson DD, Teegarden D, Yoshikawa T, Proulx WR, Hillberry BM, Weaver CM. Mechanical loading in the femoral neck due to exercise. *Orthopedic Research Society (abst)*, 1994.
184. Teegarden D, Proulx WR, Johnston CC, Lyle RM. Previous activity and bone mineral measures in young women. *Res. Quarterly in Exerc. and Sport* 65:1, p., 1994.
185. Lyle RM, Teegarden D, Short K., Proulx WR, Johnston CC, Weaver CM, and the Bone Health Study Group. A cross-sectional analysis of dietary intake, smoking habits, body composition and cardiovascular risk in young women. *Res. Quarterly in Exerc. and Sport* 65:1, p. A50, 1994.
186. Quinn LC, Teegarden D, Proulx B, Johnston CC, Weaver CM, Lyle RM. Effect of a combined aerobic-weight training program on resting metabolic rate in sedentary women. *Med. Sci. Sports Exerc.* 26:5159, 1994.
187. Offerle SM, Sedlock DA, Weaver CM. A comparison of five methods utilized to determine the body composition of adolescent females. *Med. Sci. Sports Exerc.* 26:541, 1994.
188. Teegarden D, Proulx WR, Kern M, Knight A, Lyle R, Slemenda C, Johnston CC, Weaver CM. Relationship of dietary factors, anthropometrics and age to bone mineral density in young women. *J. Bone Min. Res.*, 8:S262, No. 581, 1993.
189. Heaney RP, Weaver CM. Oxalate in vegetables, effect on calcium absorbability. *J. Bone Min. Res.*, 8:S333, No. 865, 1993.
190. Weaver CM, Martin BR, Plawewski K, Peacock M. Calcium retention, bone mass and bone turnover in adolescent and adult females. *J. Bone Min. Res.*, 8:S337, No. 883, 1993.
191. Benway DA, Weaver CM, Magnusen HM. Intestinal absorption of calcium oxalate. *IFT Book of Abstracts*, p. 114, No. 443, 1993.
192. Watkins BA, Shen C-L, Xu H, Weaver CM. Dietary lipids modulate the fatty acid concentrations in bone and cartilage tissues. *IFT Book of Abstracts*, p. 114, No. 445, 1993.
193. Saha PR, Mason AC, Weaver CM. The effect of phytate level in wheat flour on zinc and selenium bioavailability in rats. *FASEB Journal* 7:A307, No. 1778, 1993.
194. Rajaram S, Weaver CM, Lyle RM, Sedlock DA, Martin BR. Effect of iron supplementation on the changes in iron status caused by long-term moderate exercise in young adult women. *FASEB Journal* 7:A517, No. 2999, 1993.
195. Heaney RP, Weaver CM. Effect of plant constituents on food calcium absorbability. *J. Bone Min. Res.* 7:S136 Abstract 174, 1992.
196. Iyer G, Weaver C, Mason A, Janghorbani M. Yeast as a model for the biosynthesis of labeled selenoamino acids. *Selenium in Biology and Medicine*, Nashville, TN July, 1992.
197. Saha PR, Weaver CM, Mason AC. The effect of phytate level in wheat flour on calcium and iron bioavailability in rats. *FASEB Journal* 6:A1666 Abstract No. 4224, 1992.
198. Plawewski KL, Weaver CM, Martin B, Wood OB, Smith DL, Wastney ME, Peacock M. Comparison of calcium balance between adolescent and adult females. *FASEB J* 6:A1948 Abst. 5856, 1992.
199. Gizaw Y, Weaver CM, Turnlund JR. Intrinsic labeling of plants with a stable isotope of molybdenum. *IFT Book of Abstracts* 1:185 Abstract No. 726, 1992.
200. Park KO, Weaver CM, Liu Y, Martin BR, Miller GD. Calcium absorption from dairy products in premenopausal women. *IFT Book of Abstracts* 1:184 Abstract No. 722, 1992.
201. Proulx WR, Weaver CM, Bock MA. Determination of Ca bioavailability from commonly consumed legumes. *IFT Book of Abstracts* 1:184 Abstract No. *723, 1992.
202. Weaver CM, Heaney RP, Martin BR. Effect of seed phytate content on calcium absorption. *FASEB Journal* 5:A560

- Abstract No. 1103, 1992.
203. Rajaram S, Weaver CM, Lyle RM, Sedlock DA, Melby CL. Effect of oral iron therapy vs. increased consumption of muscle foods on iron status in exercising women. *FASEB Journal* 45:A1656 Abstract No. 7462, 1991.
 204. Sedlock DA, Lyle RM, Weaver CM, Melby CL, Rajaram S. Effect of increased consumption of muscle food vs. oral iron therapy on coronary risk profiles in exercising women. *FASEB J* 45:A1656 Abst 7463, 1991.
 205. Weaver CM, Heaney RP. Isotopic exchange of calcium between labeled sources. *FASEB Journal* 4:A775 Abstract No. 2952, 1990.
 206. Martin BR, Weaver CM, Smith DL. Calcium absorption from milk and CaCO₃ in pregnant and postmenopausal women. *FASEB Journal* 4:A775 Abstract No. 2953, 1990.
 207. Miller GD, Weaver CM, Bursey RG. Calcium absorption and bone development as affected by dosing. *FASEB Journal* 4:A776 Abstract No. 2956, 1990.
 208. Koo JO Weaver CM. Bioavailability of tricalcium phosphate (TCP), a major source of calcium in preterm infant formula. *FASEB Journal* 4:A1045 Abstract No. 4521, 1990.
 209. Rodibaugh R, Mason AC, Weaver CM. Identification of chemical forms of selenium in soy storage proteins. *FASEB Journal* 4:A1062 Abstract No. 4618, 1990.
 210. Jensen CA, Weaver CM, Sedlock DA. Iron supplementation and iron status in exercising young women. *Fed. Proc.* 3:A350 Abstract No. 722, 1989.
 211. Weaver CM, Miller GD, Bursey RG. Calcium absorption as affected by dosing. *Fed. Proc.* 3:A645 Abstract No. 2635, 1989.
 212. Weaver CM, Smith DL. Calcium absorption from milk versus calcium carbonate in college-age women using stable isotopes. *Fed. Proc.* 3:A771 Abstract No. 3160, 1989.
 213. Weaver CM. Effect of phytate on mineral bioavailability symposium proceedings of the protein and co-products division of the American Oil Chemist's Society, 1989.
 214. Martin BM, Weaver CM, Smith DL. Calcium absorption from three calcium salts in college women using stable isotopes. *Fed. Proc.* 2:A654 Abstract No. 2076, 1988.
 215. Weaver CM, Martin BR, Smith DL. Labeling of bovine milk with ⁴⁴Ca. *Fed Proc* 2:A654 Abst 2077, 1988.
 216. Kimmel SE, Weaver CM, Mason AC. The effect of soybean phytate content on calcium bioavailability to mature and immature rats. *Fed Proc.* 2:A656 Abstract No. 2091, 1988.
 217. Khan A, Weaver CM. Bioavailability of zinc to rats from soybeans and casein as affected by basal diet and length of adaptation. *Fed. Proc.* 2:A657 Abstract No. 2093, 1988.
 218. Mason AC, Kimmel SE, Weaver CM. The effect of soybean phytate content on selenium bioavailability to mature and immature rats. *Fed. Proc.* 2:A658 Abstract No. 2099, 1988.
 219. Sathé SK, Mason AC, Weaver CM. Some properties of a selenium incorporating sulfur rich protein in soybeans (*Glycine max* L.). *Fed. Proc.* 2:A1621 Abstract No. 7695, 1988.
 220. Sathé SK, AC Mason, CM Weaver. Isolation, purification, and some properties of new selenium-containing soy protein. *Fed. Proc.* 46:565 Abstract No. 1454, 1987.
 221. Liu Y-M, X Jiang, B Martin, C Weaver, D. Smith. Determination of isotopic abundances of calcium and magnesium by FABMS. *American Society of Mass Spectrometry.* No. WPB10, 1987.
 222. Weaver CM, RP Heaney, BR Martin. Oxalic acid inhibits calcium absorption. *Federation Proceedings* 46:631 Abstract No. 1836, 1987.
 223. Smith DL, X Jiang, Y Liu, B Martin, CM Weaver, JA Ernst, KA Richard, PR Neal, JA Lemons. Determination of calcium absorption using stable isotopes. *Fed Proceed* 46:631, Abst No. 1837, 1987.
 224. Evans G, CM Weaver, DD Harrington, CF Babbs. Dietary calcium and magnesium in the development of hypertension in the spontaneously hypertensive rat. *Fed Proceed* 45:709 Abstract No. 3220, 1986.
 225. Jiang X, Y Lui, DL Smith, I Shu, CM Weaver. Quantitation and use of stable isotopes of calcium in calcium nutrition studies. *American Society of Mass Spectrometry,* 1986.
 226. Evans G, CM Weaver, CF Babbs, DD Harrington. Dietary magnesium and established hypertension in SHR. *Federation Proceedings* 44 Abstract No. 7817, 1985.
 227. Weaver CM, CD Johnson. Chromium retention by rats from kale, wheat and eggs. *Federation Proceedings* 44, Abstract No. 8349, 1985.
 228. Wu X, DL Smith, CM Weaver. Quantitation of stable isotopic tracers of metals. *American Chemical Society,* 1985.
 229. Johnson CD, CM Weaver, DT Gordon. Comparison of hemoglobin regeneration bioassay and radio-iron assay for measuring iron bioavailability. *Fed Proceed* 44 Abstract No. 8408, 1985.
 230. Mason AC, PJ Laughner, CM Weaver. Selenium bioavailability to rats from soybean and egg products. *Federation Proceedings* 43 Abstract No. 1101, 1984.
 231. Johnson CD, CM Weaver. Soybean hulls: iron source for enrichment. *Federation Proceedings* 43 Abstract No. 2317, 1984.
 232. Mason AC, CM Weaver. The metabolism in rats of selenium from intrinsically and extrinsically labeled soy protein.

- Federation Proceedings 42 Abstract No. 524, 1983.
233. Weaver CM, JG Elliott, MA Stuart, HA Schmitt, AC Mason. Bioavailability of intrinsic and extrinsic iron from soy fractions in rats. Federation Proceedings 42 Abstract No. 1182, 1983.
 234. Stuart MA, CM Weaver, SM Ketelsen, JW Erdman, Jr. Bioavailability of ⁶⁵Zn to rats from chicken and soy diets. Federation Proceedings 42 Abstract No. 392, 1983.
 235. Meyer NK, CM Weaver. Bioavailability of zinc from soy flour and egg diets as determined by intrinsic and extrinsic labeling techniques. Federation Proceedings 42 Abstract No. 823, 1983.
 236. Stekel A, F Pizarro, S Nunez, CM Weaver, JG. Elliott. Absorption of isolated soy protein iron as measured with intrinsic and extrinsic tags. Western Hemisphere Nutrition Congress VII, 1983.
 237. Johnson CD, Weaver CM. Effect of previous diets on iron absorption from an intrinsically labeled soy flour testmeal. Nutr. Reports. Intl. 28(5):1129-1135, 1983.
 238. Weaver CM. Accumulation and distribution of a single dose of ⁵⁹Fe in wheat and soybeans. Indiana Academy of Sciences. 91:112, 1982.
 239. Weaver CM, M Janghorbani, VR Young. Intrinsic labeling of soybeans and wheat with isotopes of zinc and selenium. Federation Proceedings 41 Abstract No. 1127, 1982.
 240. Stuart MA, NA Meyer, CM Weaver. Bioavailability of zinc in soy flour with and without soybean hull. Federation Proceedings 41 Abstract No. 789, 1982.