

Tammy Lynn Wagner

twagner2@gmu.edu

EDUCATION

- Ph.D. (1994) Ohio State University, Columbus, OH
Degree: Biochemistry and Nutrition
- R.D. (1992) American Dietetic Association
- M.S. (1989) Indiana University of Pennsylvania, Indiana, PA
Degree: Food, Nutrition, and Exercise Science
- B.S. (1987) Indiana University of Pennsylvania, Indiana, PA
Major: Dietetics
Concentration: Clinical and community nutrition
- CSSD (2009) Board Certified Specialist in Sports Dietetics,
Academy of Nutrition and Dietetics
- SLOAN Online Mastery Science Series (Jan-March 2014)
- LFCC Design Camp, Online Course Development Training (May 2013)
- Child Obesity and Weight Management Certificate (April 2005)
Certified by the American Dietetics Association
- Adult Weight Management Certificate (October 2004)
Certified by the American Dietetics Association

PROFESSIONAL EXPERIENCE

- 2016** **Term Professor and Director of RD**
Department of Nutrition and Food Studies
George Mason University
Responsibilities:
Develop BS in Nutrition,
Develop MS, RD – Coordinated Program in
Nutrition/Dietetics
Teach UG/Grad courses in Department of Nutrition and
Food Studies

- 2016 Dean of STEM**
 Lord Fairfax Community College
Responsibilities:
 Lead the STEM Division, LFCC reorganized divisions
 SACS 10 yr visit preparation
 Reorganization of Developmental Math
 Developed Orientation Program for New Faculty & Staff for STEM
- 2/13-12/15 Dean of Science and Health Professions**
 Lord Fairfax Community College
Responsibilities:
 Lead the Science and Health Professions Division
 Oversee Division and Program Budgets
 Division and Program Meetings
 Enrollment Strategies
 Retention and Recruitment of Students
 Budget Preparation with Academic and Student Services Partners
 Curriculum and Program Development
 New Program Development
 Addition of the following new programs:
 Outdoor and Recreation Leadership
 Forensics Science
 Advanced CNA Program
 Patient Care Technician
 AD in Surgical Technology (existing program was a certificate)
 Phlebotomy Program
 Course proposals, changes to curriculum and coordination across programs and divisions with other academic deans
 Oversee Master Schedule and Room Utilization
 Supervise Faculty and Program Leads
 Faculty Evaluations,
 Workload and Productivity,
 Recruitment, Interview and Hiring of Adjunct and Faculty
 Coordinate Assessment of Programs
 Seek and Maintain Accreditation for Allied Health Programs
 Strategic Planning and implementation of New Initiatives
 Develop and Partner with Institutions and Businesses
 Partner with Four Year Institutions
 - Course Development and Curriculum Changes
 - Articulation Agreements (JMU, GMU, VaTech, GWU, SU)
 Business Relationship Development for enhancing student placement opportunities,
 Work with Advisory Boards to maintain quality of instruction and programs
 Developed New Student Orientation to Science Degree
 Assisted with development of new Fitness Facility in the new Student Union built
 Full Professor

Taught Nutrition and Biochemistry Courses

7/12-1/13

Associate Dean of Science and Health Professions

Lord Fairfax Community College

Responsibilities:

Lead the Science and Health Professions Division

Oversee Budget

Division and Program Meetings

Supervise Faculty and Program Leads

Oversee Schedule

Coordinate Assessment of Programs

Curriculum and Program Development

Maintain Accreditation for Allied Health Programs

Full Professor

Taught Nutrition, Exercise, Biochemistry and SDV courses

7/05-7/12

Director of Graduate Programs

(Health Sciences, Online Dietetics and Nutr & Phys Act)

Professor

Department of Health Sciences/Dietetics Program

James Madison University

Responsibilities:

Coordinate student enrollment

Chair Admissions Committee

Chair Comp Exam Committee

Advise students on program of study

Advise students on research projects

Supervise and Choose Graduate Assistants

Review graduate student applications for graduation

8/05-8/08

Director of CISAT International

College of Integrated Science & Technology

James Madison University

Responsibilities:

Coordinate faculty and staff international programs, activities and interdisciplinary collaborations, education, scholarship and cultural exchanges with other countries.

Develop and conduct workshops and activities on "Internationalizing the Curriculum"

5/04-2012

Associate, Tenured Professor

Health Science Department/Dietetics Program

James Madison University
Teach Graduate and Undergraduate Courses

Research Interests:

Child and Adult Obesity Prevention
Role of Nutrients in Sports Performance

9/98-4/04

Assistant Professor

Health Science Department/Dietetics Program,
James Madison University, Harrisonburg, VA

- Teach Undergraduate Courses
 - o Nutrition for Wellness
 - o Global Nutrition
 - o Contemporary Foods
 - o Experimental Foods
 - o Sports Nutrition
 - o Community Nutrition
 - o Nutrition Throughout Lifecycle
- Teach Graduate Courses
 - o Current Topics in Foods
 - o Seminar in Dietetics
 - o Research in Dietetics
 - o Nutrition and Exercise
 - o Nutrigenomics
- Direct Thesis and Senior Research Projects
- Service Projects in Community:
 - o Childhood/Adult Obesity Workshops
 - o Nutrition and Alzheimer's Disease
 - Harrisonburg Alzheimer' Association
 - o Nutrition in Disease Prevention of Adults
 - Virginia Mennonite Retirement Community
 - Bridgewater Retirement Community
 - Sysco Foods
 - o Health Quest
 - Keister Elementary School
 - John Wayland Elementary School
 - Bridgewater Childcare Center
 - o Nutrition Consultant to JMU Athletic Program

4/96-8/98

Sports & Wellness Nutritionist

Sport & Health, Inc., McLean, VA.

- Coordinate and conduct nutrition intervention workshops
- Individual and group consultations
- Personal Trainer

4/94 - 8/98

Research Scientist,

George Washington University, Washington D.C.

Specialization: Role of key minerals in chronic disease
Prevention and heart, lung and immune system function.

PUBLICATIONS

Wagner, TL, Melanson, C, Behavioral Strategies to Lose Weight and Maintain Loss, *J of Nutr*, June 2012

Snoddy, A, Brevard, PB, Rittenhouse, M, Wagner, T, Lee, RE
Weight Status and Vending Machine Purchases of College Students, *JADA*, 12(3), 2010.

McDonald, J., Brevard, PB, Lee, RE, Wagner, T, Link between diet and cardiovascular disease in Latin America and the Caribbean using geographic information systems, *Pan Am J Public Health*, 26(4), 2009.

Wells, LA, Wagner, TL, Brevard, PB, Domangue, RJ. Implicit Motor Learning Sequence in Non-insulin Dependent Diabetes, *Diabetes Care*, April 2006, 4(2): 112-123.

Akers, JA, Wagner, TL, Brevard, PB, Flohr, JA, Yesilcay, Y. Health Risks Associated with Nutritional Ergogenic Aid Use in High School Football Players, *J Strength Cond Res*, November 2005, 22(3):76-82.

L Hamlett, T Wagner, P Brevard. Reasons for breastfeeding cessation by WIC participants in a Virginia health district. *JADA*. 2004; Suppl 2:61.

Albert, ME, Wagner, TL. Assessing the Need for Nutrition Education at the Elementary School Level through a Parent Survey Questionnaire. *The Virginia Journal*, Fall 2004, 26(2): 13-15.

Wagner, TL. Fortified Food Intake of School Aged Children: What Should Health Professionals Be Recommending? *The Virginia Journal*, Spring 2004, 26(1): 8-10.

Wagner, TL. Childhood Obesity: A Serious Health Threat. *The Virginia Journal*, Fall 2003 25(2): 8-10.

- Patel, SK, Wagner, TL, Wenos, DL, Koslow, RE. Effects of Weight-Bearing and Non-Weight-Bearing Activity on Bone Mass Density in Female Collegiate Athletes, Sept. 2003 Abstract Suppl. 1, 103(9): A-54.
- Akers, JA, Wagner, TL, Brevard, PB, Flohr, JA, Yesilcay, Y. Health Risks Associated with Nutritional Ergogenic Aid Use in High School Football Players, Sept. 2003 Abstract Suppl. 1, 103(9):A-54.
- Wells, LA, Wagner, TL, Brevard, PB, Domangue, RJ. Implicit Motor Learning Sequence in Non-insulin Dependent Diabetes, ADA, Sept. 2003 Abstract Suppl. 1, 103(9):A-9
- Lachnicht, D., Brevard, PB, Wagner, TL & DeMars, CE. Dietary oxygen radical absorbance capacity as a predictor of bone mineral density. *Nutrition Research*, (2002) 22:1389-1399.
- Wagner TL. *Nutr446 - Experimental Foods Laboratory Manual*, Fall 2000, 2001, 2002, 2003, 2004. Department of Health Sciences, James Madison University.
- Wagner TL. *Nutr140 - Contemporary Foods Laboratory Manual*, Spring 1999, 2000, 2001, 2002, 2003, 2004. Department of Health Sciences, James Madison University.
- Jones, AA, DiSilvestro, RA, Coleman, M, Wagner, TL. Copper supplementation of adult men: effects on blood copper enzyme activities and indicators of cardiovascular disease risk. *Metabolism* (1997) 46,1380-1383.
- Mak IT, Komarov AM, Wagner TL, Stafford RE, Dickens BF, Weglicki WB. Enhanced nitric oxide production during Mg-deficiency and its role in mediating erythrocyte glutathione loss. *Circulation Research* (1997) 5:1102-1110.
- Wiles ME, Wagner TL, Weglicki WB. Effect of acute magnesium deficiency (MgD) on aortic endothelial cell (EC) oxidant production. *Life Sci.* (1997) 60(3), 221-236.
- Weglicki, WB, Dickens, BF, Wagner, TL, Chmielinska, Phillips, TM. Immunoregulation by neuropeptides in magnesium deficiency: ex vivo effect of enhanced substance P production on circulating T lymphocytes from magnesium-deficient mice. *Magnes. Res.* (1996) 9(1), 3-11.
- DiSilvestro, RA, Wagner TL. Carrageenan-induced acute inflammation in magnesium deficient rats. *Nutr. Res.* (1995) 15:11, 1669-1672.

Wagner TL, DiSilvestro RA, Medeiros DM. Marginal copper intake and inflammation effects on copper enzyme activities in rats. *J. Trace Elem. Exper. Med.* (1995) 8, 41-46.

Wagner TL. "Studies on Physiological Stress Effects on Copper Status in Male Rats From Two Protocols: Exercise Training and Induced Inflammation", Ph.D. Dissertation, (1994), 1-117.

DiSilvestro RA, Foltz TL, Davidson J and Medeiros DM. Effects of copper intake and exercise training on copper antioxidant enzyme activities in rats. *J. Trace Elem. Exper. Med.* (1990)5,1-9.

Foltz TL. "Determination of Sodium Acceptability and Knowledge Levels of Adults", Master's Thesis (1989) 1-97.

Dalheimer SS, Scanga DA and Foltz TL. Heart Wise Nutrition Program – Counselor Manual and Client Handbook, Interform, (1989) Pittsburgh, PA.

PRESENTATIONS

ADA Poster Presentations

Heendeniya, K.Y., Gloeckner, J.W., Wagner, T.L., Lee, R.E. Television and Children: Influences on their Food Requests. October, 2005.

Hamlett, L. Wagner, TL, Brevard, PB, Domangue, RJ. Reasons for Breastfeeding Cessation by WIC participants in a Northwestern Virginia Health District. October 2004.

Akers, JA, Wagner, TL, Brevard, PB, Flohr,JA, Yesilcay, Y. Health Risks Associated with Nutritional Ergogenic Aid Use in High School Football Players, October, 2003.

Patel, SK, Wagner, TL, Wenos, DL, Koslow, RE. Effects of Weight-Bearing and Non-Weight-Bearing Activity on Bone Mass Density in Female Collegiate Athletes, October, 2003.

Wells, LA, Wagner, TL, Brevard, PB, Domangue RJ. Implicit Motor Learning Sequence in Non-insulin Dependent Diabetes, October, 2003.

Hamlett, L. Wagner, TL, Brevard, PB, Domangue, RJ. Reasons for

Breastfeeding Cessation by WIC participants in a Northwestern Virginia Health District. October 2004.

Lachnicht, DE, Brevard, PB, Wagner, TL, DeMars, CE. Dietary Oxygen Radical Absorbance Capacity as a Predictor of Bone Mineral Density, October, 2002.

Piatt, PL, Wagner, TL, Brevard, PB, Lee, RE. Nutrition Assessment of Children in Honduras, October, 2002.

VDA Poster Presentations

Albert, MA, Wagner, TL, Casiple, AR. The Prevalence of Overweight at the Elementary School Level Assessing the Need for Nutrition Education as Determined by Parents of the Students, March 2004.

Rouleau, M, Wagner, TL, Garren, S. Nut consumption and Body Weight of College Students., March 2004.

Schubert, A. Wagner, TL, Garren, S. Relationship of Fast Food Consumption and Exercise in College Students., March 2004.

Bradshaw, M, Wagner, TL, Comangue, RJ. Taste Alternations and their Relationship to Fruit and Vegetable Intake in Adult Cancer Patients, March 2003.

Hughes, KC, Wagner, TL, Garren, RD. Eating Behaviors, Exercise Habits and Body Satisfaction of College Students who are Aerobics Instructors or Personal Trainers, March 2003.

Lange, G, Wagner, TL, Hamdan, H. Taste Preferences in Males vs. Females, March 2003.

Payne, PD, Wagner, TL, Casiple, A. Rate of Iron Ingestion from Formula and Cereal of Infants Age 6-12 Months, March 2003.

Guest Presentations

BCCC Weekly Workshops, K-5th grade program on Nutrition and Fitness
Healthy Snacking, Best Breakfast, Beverages, Balancing Intake
30 minute nutrition lesson, 30 minutes of physical activity, Fall 2005,
Summer 2005

Sysco Food and Nutrition Conference Guest Lecturer
Obesity & the Metabolic Syndrome, 11/17/04

Nutrition & Alzheimer's Disease, What Do We Really Know?
11/19/03

John Wayland Elementary Nutrition Presentations & Workshops
"Healthy Snacking", 3rd Grade Class, May 2004"
"Food Experiments", Two Kindergarten Classes, April 2001
"Food Guide Pyramid", Kindergarten Class, Dec 2000

Alzheimer's Regional Conference Guest Lecturer:
Nutrition & Alzheimer's Disease, 6/18/03, 10:30-12:30pm

Mother's Circle Guest Lecturer
"Mom and Tot Nutrition – Health Eating", Sept 23, 2002
"Mom and Tot Nutrition – Let's Get Physical", Nov 25, 2002

Extension Guest Lecturer, "How Safe Are Herbs?", March 18, 2000,
Harrisonburg Community Center, 10:00-2:00pm

Tri-State Dietetic Meeting Presentation, November 7, 2000, 3:00-6:00pm
"Ergogenic Aids"

Health Fairs
"Too Heavy Too Young – Putting Families Into Action", JWE-PTA,
April 16, 2003, 6:30-8:00pm
"Shenandoah Valley Community Health Fair", JWE, May 18, 2002,
11:00- 3:00pm

GRANTS

2013 NSF - WIDER Grant Science for Technology in
Instruction, \$10,000

2004 PTA Child Obesity Grant, \$500.000
VPTA and NPTA

2003 CIT, Summer Institute Grant, May 2003, \$2000.00
Create online Global Nutrition Course
Center for Instructional Technology

2002 Faculty Summer Research Grant, May 2002, \$4000.00
Geographic Variation of Cancer Mortality
College of Integrated Science and Technology
James Madison University

2000 Faculty Summer Research Grant, May 2000, \$4000.00
Fortified Food Consumption of School Aged Children
College of Integrated Science and Technology

James Madison University

1999 Faculty Summer Teaching Grant, May 1999, \$5000.00

On-line Laboratory Manual

College of Integrated Science and Technology

James Madison University

1999 M-Grant, \$300.00

Center for Instructional Technology

James Madison University

PROFESSIONAL SERVICE

International

International Partnership for La Gonave, Haiti

Economic Development Program

Set up Clinics

Food Distribution Program

Malnutrition Assessment of Families in Point-a-Raquette

Fundraisers – “Hope for Haiti”, “Bag and a Buck”, Bandage
and a Buck”

State

SCAN Acting Treasurer, 2012

BRDDA Scholarship and Awards Chair

2004-2012

VDA Retention and Recruitment Career Guidance Chair

2003-2010

VDA Planning Committee, Planned State Meeting

1999, 2003, 2006, 2009, 2012

VDA Abstract Selection Committee Co-Chair

1999-2000, 2003-04, 2006-07, 2010-2012

James Madison University

Healthy Child Task Force, 2005-2012

Health Service Administration Committee, 2005-2008

Merit Points Committee, 2005-present

Animal Care and Use Committee 2004-05

Curriculum & Instruction Committee, 2004-2009

Dietetics Search Committee Chair, 2004

Animal Use and Care Committee, 2003-2004
Day Care Services Task Force, 2002-2003
CISAT International Committee, 2001-2003
Eating Disorders Prevention Team, 2001-2012
 Education Sub-committee Chair
Technology in the Classroom, 2001-02
Health Sciences Doctorate Feasibility Committee, 2000-2012
Stats Search Committee, 1999-00
On-site Daycare at JMU Feasibility Study, 1999-2001
Dietetics Program Committee, 1998-2012

PROFESSIONAL ORGANIZATIONS

Academy of Nutrition and Dietetics
Virginia Academy of Nutrition and Dietetics
Northern District Nutrition and Dietetics
Institute of Food Technologists
Society for Nutrition Education