

CURRICULUM VITAE

Nancy M. DiMarco, Ph.D., R.D., C.S.S.D., L.D.

February 2014

Education

Ph.D. in Nutritional Physiology	1979	Iowa State University
M.S. in Biochemistry	1975	Iowa State University
B.A. in Molecular, Cellular and Developmental Biology	1972	University of Colorado

Professional Certification/Licensure

Board Certified Specialist in Sports Dietetics (CSSD), 2011

Registered (Registration I.D. Number 836745) and Licensed Dietitian, 1995.

Certified Densitometer Technologist (CDT), International Society for Clinical Densitometry, 1996; Re-certified 1999.

Faculty, American College of Sports Medicine (FACSM), 2008

Employment

2009 - Coordinator of Exercise and Sports Nutrition Master's Program, Texas Woman's University

2006 – present -Director, Institute for Women's Health, Texas Woman's University

2000 - 2004 - Coordinator of Exercise and Sports Nutrition Master's Program, Texas Woman's University

1999 - Nutrition Coordinator for Institute for Women's Health, Texas Woman's University

1996 - Present: Professor, Department Of Nutrition and Food Sciences, Texas Woman's University

1993 -1995: Coordinator of Exercise and Sports Nutrition, Master's Degree Program, Texas Woman's University

1988 - Present: Tenured, Texas Woman's University

1986 -1996: Associate Professor, Department of Nutrition and Food Sciences, Texas Woman's University

1982 -1986: Assistant Professor, Department of Nutrition and Food Sciences, Texas Woman's University

1979 – 1982: Post-doctoral research fellow, The Ohio State University, Department of Physiological Chemistry, OSU Medical School

Dissertation

Hormonal and dietary regulation of lipolysis in bovine adipose tissue, 1979, Dr. Donald C. Beitz, Distinguished Professor of Biochemistry and Biophysics (Director)

TEACHING

Courses Taught at TWU

Undergraduate courses

NFS 1902 Fitness and Health Enhancing Personal Wellness

NFS 2323 Introduction to Nutrition

NFS 3033 Nutrition throughout the Life Cycle

NFS 3103 Advanced Nutrition

NFS 3101 Applications of Advanced Nutrition Laboratory

NFS 4342 Applications of Bionutrition

NFS 4772 Research Methods in Dietetics

Graduate courses

NFS 5313 Nutrition and Human Metabolism

NFS 5331 Seminar in Nutrition

NFS 5333 Advanced Bionutrition

NFS 5523 Infant Nutrition

NFS 5583 Nutrition and Exercise

NFS 5681 Sports Nutrition Practicum

NFS 5903 Scientific Writing

NFS 5903 Nutrition and Women's Health

NFS 5943 Nutrition and Exercise in the Disease State

NFS 6031 Critical Evaluation of the Scientific Literature

NFS 6023 Role of Lipids in Human Nutrition

NFS 6163 Nutritional Aspects of Obesity

NFS 6124 Macronutrients

Doctoral Dissertations - chair

Mary-Catherine Jones - The Effects of Exercise and Dietary Calcium on Bone Growth and Calcium Absorption in Young, Female Rats, August 1996

Surekha Mathur, Effect of Protein Source and Exercise on Skeletal Health of Growing Female Rats, Dec. 1998

Lyn Dart: Development of an Animal Model of the Female Athlete Triad, 2001

Marianna Horea, Refeeding in a rodent model of the female athlete triad, May 2004

Eve Essery: Impact of a newsletter intervention on maternal and child feeding practices and physical activity practices of preschoolers, December 2004

Rene' Scott, A comparison between digital dental radiographs and dual energy X-ray absorptiometry scans for measurement of bone density, December 2004

Joyce Curry, Fifty-year Follow-up Study of Bone Mineral Density Changes and Fractures, May 2007

Lana Frantzen, Association between breakfast consumption patterns and micronutrient intakes with body mass index, May 2009

Crystal Whitten, Effects of D- β -OH-butyrate on electrophysiological correlates of neuronal excitation and synchrony in an epilepsy cell culture model, May 2010

Elleni Zemenu, The Effect of Whole-Grape Powder on Body Composition, Serum Biomarkers of Adipose Tissue and Bone metabolism in Postmenopausal Women, December 2013.

Master's Theses - chair

Nednapis Chantranuwat - Effects of dietary animal and vegetable proteins on lipid metabolism in the streptozotocin-diabetic rat, 1984.

Sandra Ciarochi - Effects of diet and exercise induced weight loss on serum glycosylated hemoglobin and on various anthropometric and biochemical parameters in sedentary, overweight, middle-aged women, 1985.

Mary Kuhfeldt - Evaluation of history, food tolerances, and nutrient status among subjects with ulcerative colitis, ulcerative proctitis, or Crohn's colitis in the United States, 1985.

Cindy Fitch - Weight change and caloric intake in infant presenting with necrotizing enterocolitis: a nutritional study, 1985.

Laura Woodward - Body protein status after gastroplasty surgery, 1985.

Patricia Johnson - A comparative study of iron bioavailability in rats from soybean protein isolate and cottonseed protein isolate diets, 1986.

I-Fen Chen - Alternative dietary protein sources and their effects on synthesis and absorption of cholesterol in hamsters during cholelithiasis, 1986.

Patricia Lively - Dietary fiber and casein isolate diets and their effects on cholesterol gallstone formation, 1986.

Denise Bothwell - The effects of exercise and a nutrition regimen on measures of body composition and serum cholesterol concentration: a comparison of the effectiveness of two wellness programs, 1986.

Marcia McKinnon - The effects of two dietary treatments and exercise on concentrations of high-density lipoprotein subfractions and other lipoproteins, 1986.

Lezlie Garms - An obesity prevention program for women in health club settings, 1986.

Lori Pellett - Effects of various levels of dietary iron and protein source in iron status of male Sprague Dawley rats, 1987.

Cynthia Chambliss - The effectiveness of an exercise and nutrition regimen on body composition measurements and dietary intake, 1988.

Elizabeth Wade - Relationships between nutrient intake during the menstrual cycle and the premenstrual syndrome in health women, 1988.

Joni Pagenkemper - The management of hypertriglyceridemia and hypercholesterolemia by omega-3 fatty acids in renal transplant patients, 1988.

Holly Hubbard - Long-term effects of physical activity on bone mineral density and lean body mass, 1990.

Janet Litteral - Nutritional care of hypercholesterolemia in the pediatric population, 1990.

Nalini Koganti - The effect of additional tryptophan on macronutrient selection during the estrous cycle of the female rat, 1990.

Samantha Gough - The effects of weight loading, weight bearing exercise in the prevention of bone loss in calcium deficient and ovariectomized rats, 1992.

Pam Thomas - Body composition and hematological changes of professional baseball players after a baseball season, 1993.

Annette Colby - Effects of hydration status on the assessment of body composition by dual energy x- ray absorptiometry, 1993.

Sara Sims - The effects of hydration status on bioelectrical impedance analysis of body composition, 1993.

Lyn Dart - The Autistic Syndrome: a nutritional immunologic profile in a group of children satisfying the DSM-III-R criteria for autism, 1994.

Maria Ferreira - Comparison of the effects of two modalities of weight bearing exercise on bone physiology parameters in young female rats, (ESN), 1994.

Donna Preston - Does weight loss increase the risk of developing osteoporosis? 1994.

Marion Thompson - Barriers to exercise for patients with non-insulin diabetes mellitus, (ESN), 1994.

Jill Aslakson - Nutrition intervention and resistance exercise training in the management of malnutrition and wasting in patients with the Acquired Immunodeficiency Syndrome, (ESN), 1995.

Roxanne Crookston - The effects of resistance weight training on body fat loss in premenopausal women, (ESN), 1995.

Meghan O'Donnell - The effects of nutrition and exercise on the weight, lean body mass, and dietary intake of patients with a diagnosis of AIDS, 1995.

Cindi Reed - Bone mineral density and dietary intake in patients with Crohn's Disease, 1996.

Suzanne Bernard - The Effect of School-Based Nutrition Education and Physical Activity Intervention on Body Composition in Fourth Grade Children, (ESN), Dec 1997.

Lisa Blackman: Ultraendurance Cycling: Three Case Studies, (ESN), August 1997.

Johnna Hinton: Effect of Retirement from Women's Gymnastics on Bone Mineral Density, Menstrual Patterns, Dietary Intake, Body Composition, Body Image, and Eating Attitudes, (ESN), Aug 1997.

Nicole Landry - Effects of a School-Based Nutrition Intervention Program on the Dietary Behaviors and Nutrition Knowledge of 4th Grade Children, (ESN), December 1997.

Anna Love - Dietary Intake and Bone Mineral Density in Adolescent Females, (ESN), Aug 1997.

Jennifer Thomas - Effect of Oral Creatine Supplementation on Performance and Body Composition of 50, 100, and 200 yd high school freestyle swimmers, May 1998.

Laura Zubrod - Effects of Exercise and Dietary Protein on Calcium Bioavailability, Dec 1998.

Michele Windhorst - Effect of Oral Creatine/Glutamine Supplementation on Performance and Body Composition of 50, 100, and 200 yd High School Freestyle Swimmers, Aug 1999.

Matt Samuels – Effect of Moderate Fat Diet on Time to Exhaustion in Sprague Dawley Rats, (ESN), August 1999.

Christopher Robinson - Nutrition in the Weight Room, Dec 1999

Elise DeVries - Dietary Intake and Bone Mineral Density in Perimenopausal Women, Aug 2000.

Tracy Ruvolo - Ability of Fifth Grade Children to Identify Six Major Food Categories, (ESN), Aug 2000.

Kelly Schauls - Physical Activity and Resting Energy Expenditure in Fourth Grade Children, (ESN), Aug 2000.

Ciaran Cribbs – Effect of Creatine/Glutamine Supplementation on Progression of Polycystic Kidney Disease in Han: SPRD-cy Rats, (ESN), December 2000.

Syd Johnston - The Effect of Androstenedione Supplementation in the Han: SPRD-cy Rat, (ESN), Dec 2000.

Lynn Antisell Spivey: Bone Mineral density and Dietary Intake in Patients with Systemic Lupus Erythematosus (ESN), 2001.

Amy Lynne Cox: Dietary Intake and Bone Mineral Density in Postmenopausal Women (NFS), 2001.

Rachel Geik: Is There a Discrepancy Between Crew Coaches' Sports Nutrition Beliefs and Actions? (ESN), 2001.

LeAnn Rychlik: Outcomes of Nutrition Intervention in Treatment of Bulimia Nervosa (NFS), 2001.

Melissa Hendricks: Teacher Likeability of a Kindergarten through Fifth Grade Nutrition Education Curriculum (ESN), 2002.

Rima Kandalaft, Relation between Glucocorticoid Use and Bone Mineral density in a General Population, 2003.

April Popejoy, Is there a relationship between BMI, dietary intake, and parent's report of food preference of obese Hispanic toddlers, (ESN), 2003.

Nada Salhab, Nutrition education emphasizing calcium and its effect on bone mineral measurements, 2003.

Angie Groves, Growing Healthy Kids: Preferred format of nutritional and physical activity information, (ESN), May 2004.

Melissa Ann Montalbano, The impact of gender and ethnicity on nutrition knowledge, attitudes, and behaviors among fourth and fifth graders in Lewisville, TX, Aug 2006.

Carolyn Kane Rogan, The Relationship between Dietary Iodine Intake and Body Mass Index in Caucasian Females Aged 19 to 60 Years, (ESN), May 2007.

MeMe T. Stephens, Longitudinal Changes in Nutrients: A Fifty-year Follow-up, (ESN), May 2007.

Jennifer L. Zell, Growing with EASE: Relationships between Child's Fruit and Vegetable Preferences, Caregiver's Fruit and Vegetable Preferences, Caregiver's Fruit and Vegetable Consumption, and Body Mass Index, (ESN), May 2007.

Elizabeth I. Kiertscher, Use and Rationale for Taking Nutritional Supplements among Collegiate Athletes at Risk for Nutrient Deficiencies, (ESN), December 2010.

Nakia R. Westbrook, The Role and awareness of Sports Dietitians in the United States, (ESN), May 2011.

Ryan Reist, The Effectiveness of the 12 Week Weight Loss Program on Reducing BMI in an Overweight and Obese population (ESN), December 2011.

John Witt, Effect of Lifewave Patches on Fat metabolism in Moderately Active Women, (ESN), December 2011.

Alexis L. Neal, The Association between Dietary Iodine Consumption and Body Composition in Caucasian Females between the Ages of 18 to 60. (ESN), December 2012.

Nicole M. Leschak, The Female Athlete Triad and Ethnicity. (ESN), December 2013.

Kelsey Nixon Shepperd, Relationship between Bone Mineral Density and Muscle Strength Related to Protein Intake and Polypharmacy: Elderly Greater than 55 Years of Age. (ESN), December 2013.

Master's Professional Papers - chair

Michelle Ott, A healthy lifestyle program at Texas Woman's University, 1991.

Jill Armayor, Description of a Ten-Week Group Weight Loss Course (ESN), 2001.

Lisa Greene Shuntich, Causes, prevention, and treatment of cardiovascular disease after organ transplantation: Development of a nutrition and exercise patient educational module, (ESN), Dec 2001.

Kristen Leigh Rogers, Professional paper. Effects of Vitamin C and Zinc on Pressure Ulcer Healing: a Critical Review of Literature, 2002.

Alicia Michelle Brown, Micronutrients and resistance exercise during pregnancy: An Educational Manual, (ESN), May 2006.

Amy Lynn Goodson, Macronutrients and aerobic exercise during pregnancy: An Educational Manual, (ESN), May 2006.

Mariah Smith Lewis, Nutrition and Exercise Management of End Stage Renal Disease: An Educational Module, December 2006.

Lisa R. Elders, Lifestyle Management in Cardiomyopathies, (ESN), May 2007.

Lisa M. Klein, Coaches and Parents' Quick Guide to Prevention of, recognition of, and Finding Help for Eating Disorders in Female Athletes, (ESN), May 2008.

Erin Elizabeth Donovan Kotter, Macronutrient and Micronutrient Needs and Exercise Recommendations for Women who are Pregnant and Vegetarian: An Educational Manual. (ESN) December 2008.

Heather McKenzie, Training and Sports Nutrition for Baseball Athletes. (ESN), December 2008.

Rachel A. Ritchison, Nutrition and Exercise in the Management of Polycystic Ovary Syndrome (PCOS): An Educational Module, (ESN), December 2010.

Christina M. Bromhall, A Retrospective Analysis of the Effect of an Enteral Glutamine and Probiotic Supplement on Diarrhea in the Surgical ICU Patient, December 2010.

Sarah Guenther, Sports Nutrition for Fire Fighters, (ESN), December 2010.

Corenna Goodmay, Training and Nutrition Periodization for Marathon Runners, (ESN), May 2011.

Pardha Naga Pavan Kumar Devaki, Educational Module for Improving Dietary Assessment and Weight Management Skills of Internal Medicine Residents, May 2011.

Christina A. Strudwick, Sports Nutrition for Ice Hockey, (ESN), May 2011.

Karin Hosenfeld, Nutritional Consideration for Adolescent Basketball Players, (ESN), August 2011.

Lisa A. Powell, Food as Fuel: Nutrition and Hydration for Ironman Triathletes, (ESN), December 2012.

Rajendra Prasad Mulpuri, Pathophysiology of Spinal Cord Injury and Effect of Polyunsaturated Fatty Acids, May 2013.

Master's Degree, coursework only – chair

Maren Mae Vik Wolfe, (ESN), May 2013.

Lauren Gesslein-Hausheer, (ESN), May 2013.

Craig Hempel, (ESN), December 2013.

Jennifer Gavia, (ESN), December 2013.

Kim Ly Nguyen, (ESN), May 2014.

Other Scholarly Teaching, Mentoring and Curricular Achievements

SCHOLARSHIP/CREATIVE ACHIEVEMENTS

Refereed Publications or Other Creative Achievements

1. Books

DiMarco N. M., Rogers, K., Van Hook, L., Hanan, R., & Zubrod, L. *Dietitian's Handbook of Fats and Oils*. Texas Food and Fiber Commission. (2000).

2. Book Chapters

N DiMarco, N P West, L M Burke, S J Stear, L M Castell. *A–Z of nutritional supplements: dietary supplements, sports nutrition foods and ergogenic aids for health and performance—Part 30, Br J Sports Med* 2012; doi: 10.1136/bjsports-2012-090933.

Patti Steinmuller, MS, RD, CSSD, and **Nancy DiMarco, PhD, RD, CSSD**. *The Breadth and Depth of Sports Dietetics*, Chapter 20, SCAN Manual, ADA, 2011.

Charlotte (Barney) Sanborn, PhD, David L. Nichols, PhD, **Nancy M. DiMarco**, PhD, RD, CSSD, Chapter 19, Bone Health, in Nutrition Society SEN, 2011.

DiMarco, N. M and Steinmuller, P. *Sports Nutrition* in online Nutrition Care Manual, American Dietetic Association, 2009 and updated in 2011.

Nancy M. DiMarco, Ph.D., R.D., C.S.S.D., L.D., Carbohydrate requirements for active people/athletes, in *Sports Nutrition for the 2000's* edited by Jacqueline Berning and Leslie Bonci, Human Kinetics, 2009

DiMarco, N., Steinmuller, P. Marketing Sports Dietetics in *The Competitive Edge* by Kathy King, 2008, Lake Dallas, TX: Helm Publishing.

Rich, S., Sanborn, C., Essery, E., & **DiMarco, N.** 2007. Volume 3, O – Z. pgs. 563 – 566. Obesity. *Early Childhood Education*. Westport, CT: Greenwood Publishing.

Essery, E., **DiMarco, N.**, & Rich, S. 2007. Volume 2 E –N. pgs 567 – 569. Nutrition and early childhood education. *Early Childhood Education*. Westport, CT: Greenwood Publishing.

DiMarco, N.M. & Essery, Eve V. Nutrition in *Sports Medicine: Just the Facts*, edited by F. G. O'Connor and R. P. Wilder. New York, N.Y., McGraw Hill. (2004), Ch 14.

DiMarco, N. & Samuels, M. Nutritional Considerations in *Textbook of Running Medicine*, edited by F. O'Connor, M.D. and R.P. Wilder, M.D. New York, N.Y., McGraw-Hill, (2001), Ch 38.

3. **Articles**

Kiertscher, E and **DiMarco, NM** (2013). Use and Rationale for Taking Nutritional Supplements Among Collegiate Athletes At Risk for Nutrient Deficiencies. *Performance Enhancement and Health* 2:24-29.

Davis, R, Rowe, J, Nichols, D, Sanborn, C, **DiMarco, N** & Pavlovic, A. The Effects of Two Intensity Dosages of Whole Body Vibration on Fall Related Risk Factors in Postmenopausal Women. In review to *Journal of Women's Health Issues and Care*.

Frantzen, L. B., Treviño, R. P. Echon R. M., Garcia-Dominic, O. & **DiMarco, N. M.** (2013). Association between Frequency of Ready-To-Eat Cereal Consumption and Body Mass Index in Low-Income Urban 4-6th Grade Minority Children Cereal consumption, body mass index, children. *Journal of the Academy of Nutrition and Dietetics*. 113: 511-519.

Pavlovic, A, Nichols, D, Sanborn, C & **DiMarco, N.** (2013). Relationship of thoracic kyphosis and lumbar lordosis to bone mineral density in women. *Osteoporosis International*, 24, 2269-2273. Doi: 10.1007/s00198-013-2296-7.

Roux, G, **DiMarco, N** & Gu, Y. (2013). Nursing with EASE: Eating, Activity and Supportive Environment. *Nursing Forum* 1-10.

Brown, J. Bednar, C. **DiMarco, N.** & Connors, P. (2012). Assessment of changes in school nutrition programs and school environment a result of following the HEALTHIERUS School Challenge Program. *J Child Nutrition and Management*, 36: 1

Shen, J., Tsai, Y., **DiMarco, N.**, Sun, X., & Tang, L. (2011) Transplantation of mesenchymal stem cells from young mice donors delays osteoporosis in old mice. *Nature.com, Scientific Reports* 1, Article number 67, doi: 10.1038/srep00067.

Rodriguez, N., **DiMarco, N.** and Langley, S. (2009) Nutrition and Athletic Performance, Joint Position Statement of the American College of Sports Medicine, the American Dietetic Association, and Dietitians of Canada, *Journal of American Dietetic Association* 109(3): 509-527 and *Medicine Science in Sports and Exercise* 41(3):709 - 731.

Sanborn, C., Rich, S., **DiMarco, N.** & Engelbrecht, J. (2010) Childhood play experiences of Hispanic primary caregivers of preschoolers. *TAHPERD Journal* 79:8-10.

Smith, J. D., Nichols, D., Biggerstaff, K., & **DiMarco, N.** (2009). Assessment of physical activity levels of 3rd and 4th grade children using pedometers during physical education class. *ICHPERD-SD Journal of Research*. 4(1), 73-79.

Choi, M. & **DiMarco, N.** (2009) The effects of dietary taurine supplementation on bone mineral density in ovariectomized rats. *Advances in Experimental Medicine and Biology* 643:341-352.

Rich, S., Essery, E., Sanborn, C., **DiMarco, N.**, Morales, L. and LeClere, S. (2008) Predictors of body size stigmatization in preschool Hispanic children. *Obesity* 16 (2): S11 –S17.

Essery, E., **DiMarco, N.**, Rich, S., & Nichols, D. (2008). Mothers report using less pressure in child feeding situations following a weekly newsletter intervention. *Journal of Nutrition Education and Behavior*, 40, 110-115.

DiMarco, Nancy M., Dart, Lyn, Sanborn, Charlotte (Barney). (2007) Modified activity-stress paradigm in an animal model of the female athlete triad. *Journal of Applied Physiology* 103: 1469-1478.

Huettig, C., Rich, S., Engelbrecht, J., Sanborn, C., Essery, E., **DiMarco, N.**, Velez, L., and Levy, L. (2006) Growing with EASE: Eating, Activity, and Self-Esteem. *Young Children* 61 (3): 26 – 31.

Greathouse K.L., Samuels M., **DiMarco N.M.**, and Criswell D.S. (2005) Effects of increased dietary fat and exercise on skeletal muscle lipid peroxidation and antioxidant capacity in male rats. *European Journal of Nutrition* 44: 429 – 235.

Kudlac, J., Nichols, D.L., **DiMarco, N.M.**, & Sanborn, C.F. (2005). Impact of detraining on bone loss in former collegiate female gymnasts. *Calcified Tissue International*, 75(6): 482-487.

Rich, S. S., **DiMarco, N.M.**, Huettig, C.I., Essery, E. V., Andersson, E., & Sanborn, C.F. (2004). Parent perceptions: Health and family activity patterns of at-risk overweight toddlers. *Family and Community Health*, 28(2):130-141.

Criswell, D.S., Henry, K. M., **DiMarco, N.M.**, & Grossie, V. B., Jr. (2004). Chronic exercise and the pro-inflammatory response to endotoxin in the serum and heart. *Immunology Letters*, 95(2): 213-220.

Huettig, C.I., Sanborn C.F., **DiMarco, N.M.**, Popejoy, A. & Rich., S. (2004). The O Generation: Our Youngest Children are at Risk for Obesity. *Young Children*, 59(2):50-55.

Edmunds, J.W., Jayapalan, S., **DiMarco, N.M.**, Saboorian, M.H., & Aukema, H. (2001). Creatine supplementation increases renal disease progression in Han: SPRD-cy rats. *American Journal of Kidney Disease*, 37(1): 73-78.

Darnley, M.J., **DiMarco, N.M.**, and Aukema, H. Safety of chronic exercise in a rat model of kidney disease. *Medicine and Science in Sports and Exercise*, 32, No. 3, pp 576 - 580, 2000.

Moen, S., C. Sanborn, **N. DiMarco**, B. Gench, S. Bonnick, H. Keizer, and P. Menheere. Lumbar bone mineral density in adolescent female runners. *Journal of Sports Medicine and Physical Fitness* 38:234 – 239, 1998.

Reed, C.A., Nichols, D., Bonnick, S., and **DiMarco, N.** Bone mineral density and dietary intake in patients with Crohn's disease. *International Journal of Clinical Densitometry*, March 1998.

Nichols, D., Sanborn, C., Bonnick, S., Gench, B. and **DiMarco, N.** Relationship between bone mineral density and muscle mass in intercollegiate female athletes. *Medicine and Science in Sports and Exercise* 27: 178-182, 1995.

Nichols, D., Sanborn, C., Bonnick, S, Gench, B., and **DiMarco, N.** The effects of gymnastics training on bone mineral density. *Medicine and Science in Sports and Exercise* 26: 1220-1226, 1994.

Nichols, D., Sanborn, C., Ben-Ezra, V., and **DiMarco, N.** Bone mineral density in collegiate gymnasts. *USGF Sport-Science Congress: Proceedings*, pgs 72-79, 1992.

DiMarco, N., Sanborn, C., Nichols, D., Kudlac, F., Colby, A., Sims, S., Williams, P., and Ben-Ezra, V. A multidisciplinary nutrition support program for intercollegiate women's gymnastics teams. *USGF Sport-Science Congress: Proceedings*, pgs 65-71, 1992.

Moen, S., Sanborn, C. And **DiMarco, N.** Dietary habits and body composition in adolescent female runners. *Women in Sport and Physical Activity Journal* 1:85-95, 1992.

DiMarco, N.M., Rule, D.C., Whitehurst, G.B., and Beitz, D.C. Effect of indomethacin, epinephrine, prostaglandin E2 and insulin on lipolysis in bovine adipose tissue in vitro. *International Journal of Biochemistry* 23:1231-1235, 1991.

Christian, G.M., Alford, B., Shanklin, C., and **DiMarco, N.** Milk and milk products in low residue diets; current hospital practices do not match dietitian's beliefs. *Journal American Dietetic Association* 91:341-342, 1991.

Pellett, L.J., Schnepf, M.I., Johnson, P.E., and **DiMarco, N.M.** A comparative study of iron bioavailability in rats from soybean and cottonseed protein isolate diets. *Journal of Food Quality* 13:419-433, 1990.

DiMarco, N.M., Lee, M.C. and Kudchodkar, B. J. Effects of dietary animal and plant proteins on concentrations of plasma amino acids, insulin, glucagon in non-diabetic and streptozotocin-diabetic rats. In: *Symposium Proceedings: New Technologies for Value-Added Products from Protein and Co-Products*, American Oil Chemists' Society, 1989.

Pagenkemper, J.J., **DiMarco, N.M.**, Hull, A.R., Prati, R.C., and Gorman, M.A. The management of hypertriglyceridemia and hypercholesterolemia by omega-3 fatty acids in renal transplant patients. *CRN Quarterly* 13:9-14, 1989.

Kudchodkar, B.J., Lee, M.C., Lee, S.C., **DiMarco, N.M.** and Lacko, A. G. Effect of dietary protein on cholesterol homeostasis in diabetic rats. *Journal of Lipid Research* 29:1272-1287, 1988.

Sullivan-Gorman, M.A., Anderson, J.M., **DiMarco, N.M.**, Johnson, J., Chen, I, Ashby, J. and Liepa, G.U. Dietary protein effects on cholelithiasis in hamsters: interaction with amino acids and bile acids. *Journal of American Oil Chemists' Society* 64:1196-1199, 1987.

DiMarco, N.M., Whitehurst, G.B., and Beitz, D.C. Evaluation of prostaglandin E2 as a regulator of lipolysis in bovine adipose tissue. *Journal of Animal Science* 62: 363-369, 1986.

Sullivan, M.A., Duffy, A., **DiMarco, N.M.**, and Liepa, G.U. Effects of various dietary animal and vegetable proteins on serum and biliary lipids and on gallstone formation in the hamster. *Lipids* 20:1-6, 1985.

Duffy, A.M., Sullivan, M.A., **DiMarco, N.M.**, and Liepa, G.U. Effects of dietary protein on serum and biliary constituents and gallstone formation in hamsters. *Nutrition Reports International* 31: 1319-1330, 1985.

Richmond, A.S., **DiMarco, N.M.**, Stroebel, M.G. and Liepa, G.U. Dietary proteins and gallstone formation in hamsters. *Nutrition Reports International* 30: 1069 - 1078, 1984.

DiMarco, Nancy M., Donald C. Beitz, and Garnett B. Whitehurst. Effects of fasting on free fatty acids, glycerol and cholesterol concentrations in blood plasma and lipoprotein lipase activity in adipose tissue of cattle. *Journal of Animal Science* 52: 75-83, 1981.

Darrah, Peggy S., **Nancy M. DiMarco**, Donald C. Beitz, and David G. Topel. Conversion of alanine, aspartate, and lactate to glucose and CO₂ in liver from

stress-susceptible and stress-resistant pigs. *Journal of Nutrition* 109:1464-1468, 1979.

Evans, Nancy M., Donald C. Beitz, Jerry W. Young, David G. Topel, and Lauren L. Christian. Gluconeogenesis from lactate in liver of stress-susceptible and stress-resistant pigs. *Journal of Nutrition* 106:710-716, 1976.

Non Refereed Publication (Book)

Essery, E. & **DiMarco, N.** (2000). *Handbook on the Use of Fats and Oils for the General Public*. Texas Food and Fiber Commission.

Presentations at Professional Meetings

“Age Well~Live Well Denton, Denton Rotary Club, April 25, 2013.

“Update on Vitamin D”, 2012 Spring Seminar of Dallas Dietetic Association, Fort Worth Dietetic Association, and North Texas Dietetic Association., March 9, 2012, Colleyville Center, Colleyville, TX.

“Vitamin D: Bone Builder and Much More”, National Osteoporosis Foundation, North Dallas Support Group Meeting, August 11, 2012.

“Vitamin D: Bone Builder and Much More”, 2012 Institute of Living Improvement and Practice Science, 40th Anniversary International Seminar, Keimyung University, Daegu, South Korea, October 12, 2012.

“Hot Topics in Nutrition” presented to Fort Worth Life Sciences Coalition, December 5, 2012, Arts 5th Avenue, Ft Worth, TX.

“Vitamin D: Bone Builder and Much More”, Texas Nurse Practitioners Annual Conference, Ft. Worth, TX, September 11, 2011.

“Organic Foods: Beneficial or Too Costly?” 2011 American College of Osteopathic Pediatricians, April 7 – 10, 2011, Pittsburgh, PA.

“Stress - less Wellness: Tips for Today’s Working Woman”, Texas Women in Higher Education, April 9, 2010, Dallas, TX.

“Nutritional Needs for Osteoporosis: What’s New with Vitamin D”, Former Students Association, Reunion Weekend, April 23, 2010, TWU, Denton, TX.

“Nutrition and Exercise in the Disease State: What Animal Models Can Teach Us”, American College of Sports Medicine Featured Science Session, Nutrition and Metabolism in Individuals with Special Needs, June 4, 2010, Baltimore, MD.

“Health and Wellness Initiative at TWU”, Faculty Development Day, TWU, August 24, 2010.

“Vitamin D Deficiency”, Texas Woman’s University Homecoming, April 24, 2009, Denton, TX.

“Evidence Analysis Process: Applications in Education and Clinical Practice”, Texas Dietetic Association, April 21, 2009, Austin, TX.

“Advances in Sports Dietetics: What sports RDs need to know about evidence-based practice”, Sports Dietetics-USA, subunit of Sports, Cardiovascular and Wellness Nutrition dietetic practice group, 2009 Annual Symposium, April 17, 2009, Scottsdale, AZ.

“Childhood Obesity: It’s Everyone’s Responsibility”, Texas Woman’s University Founder’s Awards Scholarship Luncheon, April 2, 2009, Denton, TX.

“Modified Activity Stress Paradigm in an Animal Model of the Female Athlete Triad”, Norman L. Jacobson Research Symposium, September 10, 2008, Iowa State University, Ames, Iowa.

“The Iodine Deficiency and Obesity Connection: Cutting Edge research from the Institute for Women’s Health”, Ft. Worth Dietetic Association Spring Seminar, April 27, 2007, Ft. Worth, TX.

“Being a Sports Nutritionist: Where Are We Going?” 53rd Annual Meeting of the American College of Sports Medicine, June 2, 2006, Denver, CO.

“My Scientific Journey” Keynote address to School of Physical Therapy Research Day, April 27, 2006, Dallas, TX.

“Growing with EASE: Eating, Activity and Self-Esteem” 14th Annual Conference, Center for Parent Education, University of North Texas, February 9, 2006, Denton, TX.

“RD’s – Beyond Talking About Exercise” Dallas Dietetic Association, January 17, 2006, Richardson, TX.

“Talking about physical activity: what is the dietetic professional’s role?” American Dietetic Association, Food and Nutrition Conference and Expo, October 24, 2005, St. Louis, MO.

“Childhood Obesity Epidemic in Texas”, FitFuture Symposium, April 8, 2005, Ft. Worth Convention Center, Ft. Worth, TX.

“Childhood Obesity”, 2nd Annual Child Care Providers’ Conference 2005, Feb 12, 2005, Texas Woman's University, Denton, TX.

“Prevention of Obesity among Texas School Children.” Texas Action for Healthy Kids Alliance, Austin, TX, November 5, 2004.

“Development of an animal model of the female athlete triad.” North Texas Dietetic Association, October 20, 2004.

“Dietary Restriction in an Animal Model of the Female Athlete Triad”. Methodist Hospitals of Dallas Sports Medicine Roundtable to primary care physicians in Sports Medicine Fellowship, March 23, 2004.

“Healthy School, Healthy Kids.” Texas School Food Service Directors’ Association Meeting, Austin, TX, January 28, 2004.

“Dietary Restriction in an Animal Model of the Female Athlete Triad”, Exercise Physiology Seminar Texas A & M University, College Station, TX, Nov 14, 2003.

“Promoting Healthy Weight for All Texas Children” Annual Preceptor Appreciation Luncheon, Texas Christian University, May 1, 2003.

“Development of a Graduate Program in Exercise and Sports Nutrition” Sports and Cardiovascular Nutritionists Symposium, Chicago, Illinois, March 14- 16, 2003.

“Role of Nutrition in Enhancing the Recovery Process” High Performance Division of USA Track and Field and Sport Sciences and Coaching Division of the US Olympic Committee, Tom Landry Center, Dallas TX, Jan 3-5, 2003.

“Health and Fitness for Women: What Must Change?” Houston Women’s Health Summit, Warwick Hotel, Houston, TX, Oct 1, 2002.

“Sports Nutrition for a Healthy Community”, Nutrition, Health and Food Management Division of American Association of Family and Consumer Scientists annual meeting, June 2002, Dallas.

Childhood Obesity, speaker for the agreement of collaboration event at University of Nuevo Leon, Monterrey, Mexico, March 12, 2002.

“Childhood Obesity”, North Texas Dietetic Association monthly meeting, October 17, 2001.

“Nutrition Overview, Principles of Nutrition, and Dietary Recommendations”, Nutrition Specialist Certification Course, Cooper Institute for Aerobic Research, September 4, 2001.

“Sports Nutrition”, Southwestern Medical School, Department of Clinical Nutrition, Dallas, TX, March 5, 2001.

“Nutrition for Optimum Performance”, Tom Landry Sports Center, Dallas, Marathon Training Group, 1998 – 2004.

“Nutrition for Peak Performance, Shopping Tips, Cooking and Dining Out Tips, Fluids and Rehydration Strategies, Ergogenic Aids, Basic Nutrition”, Armed Forces Recreation Center, Garmisch-Partenkirchen, Germany, 1998 – 2000.

“Calcium and Bone Metabolism in Young Growing Animals”, HPOP Seminar, TWU, June 22, 1998.

“Sports Nutrition”, Southwestern Medical School, Department of Clinical Nutrition, Texas Woman’s University April 27, 1998.

“Sports Nutrition”, Texas Student Dietetic Association, Austin, TX, November 22, 1997.
“Diet and Exercise – Impact on Bone Metabolism”, North Texas Dietetic Association, May 13, 1997.

“Sports Nutrition”, Southwestern Medical School, Department of Clinical Nutrition, Dallas, TX, February 7, 1997.

“Nutrition for Optimum Performance”, Tom Landry Sports Center, Dallas, Marathon Training Group, September 1997.

“Impact of Diet and Exercise on Bone Metabolism”, TWU Biology Seminar, January 15, 1997.

“Effect of Diet and Exercise on Bone Mineralization in the young, growing female rat”, Department of Health and Kinesiology, Texas A & M University, Oct. 11, 1996.

“Osteoporosis, the Preventable Disease”, Tarrant County Junior College Symposium: A Modern View of Nutrition, April 4, 1996.

“Nutritional Issues in Bone Health”, Osteoporosis Update 1996, sponsored by the American Medical Women’ Association and the University of North Texas Health Science Center, Nov. 1995.

“Family Wellness - Healthy Living, Meal Management and Exercise”, Denton Independent School District, Nov 1995.

“Women’s Health Concerns: Osteoporosis”, WIC - Nutrition for the Changing Times, City of Dallas WIC Program, Oct. 1995.

“Nutrition for Marathoners”, White Rock Training Clinic, Tom Landry Sports Medicine Center, Sept 1995.

“Osteoporosis”, Ellis County High School Home Economics, 4-H, and F.F.A. members, June 1995.

“Being a Christian in an Academic World”, Women’s United Methodist Students, Wesley Foundation, University of North Texas, April 1995.

“Exercise and Nutrition’s Effects on Bone Metabolism”, Dallas Dietetics Association, Spring Seminar, March 1995.

“Nutrition and Exercise Effects on Bone metabolism in the Rat Model”, Academic Festival, Women Leading Health Research at TWU, Feb. 1995.

“Sports Nutrition”, Ft. Worth Dietetic Association, Jan 1995.

“Nutrition for Today’s Athlete”, 40th Annual Meeting of Southwest Athletic Trainer’s Association, July 1994.

“Improve Your Health and Performance, Maximize Your Fitness”, co-presented with Peter Snell, Texas Dietetic Association Annual Meeting, March 1994.

“Nutrition and Exercise: Performance Plus”, Dallas Dietetic Association, March 1994.

“Wellness in the Workplace” - three presentations for Business Services Safety Day, University of North Texas, Jan. 1994.

“Nutrition for Elite Athletes”, for 400 m and 800 m Olympic Men’s and Women’s Hurdle Teams, Tom Landry Sports Medicine Center, Oct. 1993.

“Nutrition for Marathoners”, Tom Landry Sports Medicine Center, Sept. 1993.

“Lean Bodies”, Harris Methodist Hospital, Dietetics Staff, May 1993.

“Sports Nutrition”, Denton Dietetic Association, Nov.1992.

“Last Lecture”, TWU Methodist Campus Ministry, Sept. 1991.

“Nutrition, Exercise and Osteoporosis”, National American Home Economics Association, sponsored by Dairy Council of Wisconsin, Inc., San Antonio, June 1990.

“Nutrition and Exercise and Development of Osteoporosis”, Women’s Wellness Workshop, University of North Texas, Nov. 1989.

“Nutrition and Exercise”, Midland Area Dietetic Association, May 1989.

“Current Trends in Infant and Childhood Nutrition”, Texas Home Economics Association Meetings, Feb.1988.

“Does long distance running affect different parameters associated with growth in pre-adolescent children?” Cable News Network (CNN) taped interview, Feb. 1986.

“Update on Infant Nutrition”, Ft. Worth Dietetic Association, May 1985.

“Current Recommendations to Decrease Risk Factors Associated with Heart Disease and Cancer”, Community Health Nursing Workshop. Jan. 1985.

“Are You Over-Stuffing Your Stockings?” United Technologies, Dec. 1984.

“Effects of Dietary Protein on Lipid Metabolism”, Anderson Clayton Research Center, May 1984.

“Nutrition, Diet and Weight Control”, Celanese Chemical Co., May 1984.

“Update on Infant Nutrition”, Wichita Falls Dietetic Association, March 1984.

Honors, Grants, and Fellowships

Honors

Selected by my students for Who's Who Among America's Teachers, 1994, 1996, 1998, 2005, 2006.

Received first Faculty Development Leave Award given at Texas Woman's University for full time study, fall 1998, in the Center for Research on Women's Health.

Nominated for TWU's 2003 Cornaro Award, Highest award given at TWU for scholarship.

Named to Governor's Joint Interim Study Committee on Nutrition and Health in Public Schools, 2003 – 2004.

Named inaugural director of Sports Dietetics-USA, a subunit of Sports and Cardiovascular and Wellness Dietitians, a dietetic practice group of the American Dietetic Association, 2004 – 2007.

Nominated and selected by Sports, Cardiovascular, and Wellness Nutritionists, Dietetic Practice Group of the American Dietetic Association. (ADA) to attend the ADA's Third Leadership Institute, San Diego, CA, February 16- 19, 2006.

Institute for Women's Health and Growing with EASE (Eating, Activity and Self-Esteem) program selected for Transdisciplinary Research Team award for Best Practices at University of North Texas Center for Parent Education annual conference, February 2006.

Ronald E. McNair, Mentor, Texas Woman's University, 2006.

One of three individuals chosen to rewrite the position statement on Nutrition and Exercise for the American College of Sports Medicine, Dietitians of Canada, and the American Dietetic Association, 2005– 2007.

One of 10 individuals chosen from the US for the Sports Dietetics Practice Analysis Workgroup to develop a national job analysis survey for licensure and credentialing by writing a national board examination for sports dietitians through the American Dietetic Association, and the Commission on Dietetic Registration, 2005 – 2007.

Board Certified Specialist in Sports Dietetics, C.S.S.D., July 2006 and recertified in 2011.

Kwon, J., Bednar, C., & **DiMarco, N.** (2006). Impact of a school-based coordinated nutrition intervention on selection and consumption of fruits and vegetables of students in K-2. Presented at the School Nutrition Association Meeting in Los Angeles, CA. and was awarded Best Poster.

Texas Dietetic Association's Distinguished Scientist Award 2007

Cambridge Who's Who Among Executive and Professional Women in Dietetics and Nutrition, 2007.

Thirty year service pin from Texas Woman's University.

Named a Fellow of the American College of Sports Medicine, 2008

Nominated for Favorite Faculty at Texas Woman's University, 2008, 2011

Post-tenure review at Texas Woman's University, 2008

Nominated for 2008 SCAN Achievement Award

Recipient of 2009 SCAN Achievement Award

Nominated for 2013 Humphries Award at Texas Woman's University

ReAppointed as Full Member of Graduate Faculty, 2013 – 2020.

Fellowships

Chancellor's Research Fellow, 2005 – 2006, 2007 – 2008, 2008 – 2009, 2009 – 2010, Texas Woman's University

Uhlir Endowed Fellowship for Higher Education Administration, 2006, Texas Woman's University

Fellow of the American College of Sports Medicine, 2008

Outside grants secured:

Texas Food and Fiber Commission

Effects of dietary animal and vegetable proteins on lipid metabolism in streptozotocin-diabetic rat hepatocytes, 1982-1984, \$45,633.

Development and testing of a liquid maintenance diet for parenteral and enteral nutrition, 1984-85, \$13,530.

Dietary proteins and their effects on lipid metabolism in the chemically diabetic rat, 1985-1987, \$ 25,092.

Bioavailability of iron from cottonseed protein, 1986 -1987, \$8,337.

Dietary proteins and their effects on lipid metabolism in the chemically diabetic rat, 1986-1988, \$25,782.

Dietary proteins and their effects in relationship to bone mineral content, body composition, menstrual and nutritional status during the aging process, 1989-1990, \$73,592.

Effect of protein quality on skeletal health, 1993-1995, \$75,315.

Effects of protein and fat from plant and animal sources on the rat model of the female athlete triad, 1995-1997, \$76,000.

Development of a Dietitian's Handbook on Fats and Oils, 1998-1999, \$33,000.

Other outside grants secured:

Travel grant, AIN International Union of Nutritional Sciences travel grant to attend International Congress of Nutrition, Brighton, England, August 1985.

Kresge Foundation, Bone Densitometer Matching Grant. Oct. 1990, \$56,724.

Merck and Co, Forty-year Follow-up of Longitudinal Change and Fracture Prediction with Phalangeal Bone Density. \$160,000, 1999-2000.

Co-investigator with Rob Rager, Principal Investigator, Department of Health Studies, grant for Worksite Intervention and Environmental Change, Texas Department of Health, 1997-1998, \$10,000.

Nutrition Advisor with Charlotte Sanborn, PI, PHS - National Institutes of

Health, R01, DK57486, Effect of Active-Play on Obese At-Risk Toddlers, 1999 – 2002, \$152,000.

Co-investigator General Mills, with Barney Sanborn, Principal Investigator, Effect of Calcium-Fortified Cereals on Bone Mineral Accrual in School Children, Grades K – 5, 2000 – 2002, \$560,000.

Project Advisor, Minority Health Research and Education Grant Program, Texas Higher Education Coordinating Board, 2004 – 2005, Development of a comprehensive coordinated nutrition education program to reduce obesity risk of Hispanic children. Principal investigators: Junehee Kwon and Carolyn Bednar. \$128,000.

Co-Investigator with Charlotte Sanborn, PI, Texas Excellence Initiative
The Growing with EASE Project: An Interdisciplinary Approach to Prevention of Childhood Obesity, 1/2005-8/2005, \$25,000.

Co-Investigator with Huanbiao Mo, PI, and Shanil Juma, Co-PI, USDA, The Impact of d- δ -Tocotrienols on Osteoclasts and Osteoblasts, 2010-2011, \$149,893.

Co-Investigator with Shanil Juma, PI, and Young Hoo Kwon, California Table Grape Commission, Grape consumption improves joint mobility and reduces pain associated with knee osteoarthritis, 2009-2011, \$29,998.

California Table Grape Commission, The Effect of Whole-Grape powder on Body Composition, and Fat and Bone Serum Biomarkers in Postmenopausal Women, 2012 – 2013, \$30,000.

Health and Human services – HRSA, Federal Advanced Education Nursing grant Program, “Health Informatics as a Bridge to the Underserved”, \$373,921.00/ year for 3 years, 2012- 2015. PI: Gayle Roux, PhD, RN; Role: Nutrition faculty.

Washington Red Raspberry Commission. Bone Protective Effect of Whole Raspberries in Postmenopausal Women with Osteopenia. PI: Shanil Juma, PhD; Role: Co-Investigator. 2013- 2014. \$44,076

University grants funded
Research and Grants

Effect of dietary animal and vegetable protein on stearic acid desaturation. 1982-83. \$4,333.

Synthesis of cholesterol and serum lipoproteins by cultured hamster liver hepatocytes during cholelithiasis. 1983-84. \$10,000.

Dietary proteins and amino acids: how do they affect cholesterol metabolism in the chemically diabetic rat. 1984-85. \$7,740.

The effects of various levels of iron on immunocompetence of rats using two different dietary proteins, casein and soy. 1986-87. \$2,000.

Development of osteoporosis and its effect on estrogen receptors in adult, female rats. 1990. \$1,981.

Effects of calcium source and exercise on bone mineral development of young, female rats. 1993. \$5,000.

Bone mineral density and dietary intake in patients with Crohn's disease. 1995. \$5,000.

Development of an Animal Model of the Female Athlete Triad, 1997-1998, \$6,000.

Texas Woman's University Center Grant, Musculoskeletal Workshop, May 1999, \$10,000.

Addressing postmenopausal bone loss using whole body vibration, to TWU 2008-2009 Multidisciplinary Research Program, with Dr Ronald Davis (PI), \$9974.

A Pilot Study of Mevalonate Suppressors in Bone Health, Research Enhancement Program, TWU 2009 - 2010, with Dr. Huanbiao Mo (PI), \$8000.

Influence of Dietary Carbohydrate and Exercise on Postprandial Lipemia. \$7,550. Sept 2011 – Aug 2012.

TWU Small Grants Request. Purchase of a UV Radiometer. \$802. October 2013.

Human Nutrition Research

A nationwide survey of the nutritional habits of women with PMS. 1985-86. \$750.

An evaluation of the risk profile of renal transplant patients supplemented with omega-3 fatty acids. 1986 - 87. \$3,516.

Eating behavior of female rats throughout the estrous cycle. 1987-88. \$7,333.

A Healthy Lifestyles Class. 1990. \$2,000.

Effects of calcium source and exercise on BMD of young female rats. 1991-1992. \$7592.

Ergogenic Effect of Oral Creatine Supplementation on Body Composition and Performance of 50, 100, and 200 yd Freestyle Swimmers, 1997 and 1998, \$2,000 and \$3,000.

Family-Based Interventions to Promote Healthier Homes. 2002 – 2003, \$3000.

Evaluation of children's fruit and vegetable consumption and development of a coordinate comprehensive nutrition education program, 2003 – 2004. Principal investigators: Junehee Kwon, Nancy DiMarco, and Carolyn Bednar, \$6,000.

Effect of Lifewave Patches on fat metabolism in recreationally trained athletes, 2005 – 2007, \$3000.

Effect of an Iodine Supplement on Biomarkers of Thyroid Function, Body Composition and Resting Metabolic Rate in Women, 18-45 Years of Age. February 2013 – August 2013. PI: Nancy DiMarco. \$4077.

Other university funding

Pauline Berry Mack Research Fund. 30-Year follow-up of dietary calcium intake and incidence of osteoporosis. 1987, \$5,000.

Pauline Berry Mack Research Fund. Osteoporosis - a 10-year follow-up. 1988, \$10,000.

Texas Woman's University Interdisciplinary Funds. 1991, \$10,000.

Pauline Berry Mack Trust. Effect of Protein Source on Bone Histomorphometry of Growing Female Rats, 1997 A and B, \$2,000 and \$3,000.

Pauline Berry Mack Research Fund: Effect of Refeeding and Weight Gain on Estrous Cycling and Bone Mineral Status in Anestrus Rats: Developing the Animal Model of the Female Athlete triad. 2001 – 2002, \$5,500.

Pauline Berry Mack Research Fund: Fifty year follow-up study of longitudinal changes in bone mineral density, 2004 – 2005, \$2750.

Small Grants Request, TWU Research and Sponsored Programs, Use of Harvard Service Food Frequency Questionnaire to assess Hispanic children's and their caregiver's fruit and vegetable preferences. 2008, \$720.00.

Small Grants Request, TWU Research and Sponsored Programs, Evaluation of a NIH proposal by Dr. Tom Baranowsky, 2009, \$750.00

Pauline Beery Mack Research Fund: Whole body vibration and its effect on bone mineral density, 2009 – 2011, \$24,000.

Scholarly Works in Progress:

Bloom, B., Sanborn, C., and **DiMarco, N.** Vitamin D status in college female athletes and differences in serum 25-hydroxyvitamin D concentrations in indoor athletes versus outdoor athletes assessed in early fall.

Bromhall, C. M., **DiMarco, N.**, Moreland, K. & Eastman, A. L. A Retrospective Analysis of the Effect of an Enteral Glutamine & Probiotic Supplement on Diarrhea in the Surgical ICU patient.

French, R., Sanborn, C., Allums-Featherston, K., **DiMarco, N.M.**, Stephens, T., Sanborn, M. (2014) Childhood Obesity as an Educational Disability. Submitted to Palaestra, 2014.

PROFESSIONAL SERVICE

Governance and Other Professionally Related Service

Service Activities for the University, College, Component

a. University Committees

Animal Care and Use Committee

Co-chairman, 1990-2004

Member, 1987-2004

Co-operative Education Advising Committee, 1983-1985

Nursery School - Child Care Center Advising Board, 1983 - 1988

Doris McCarter Brownell Scholarship Committee, 1982 - 1989

University Safety Committee, 1987 - 1990

Wellness Center Advisory Board, 1987 - 1991

University Health Fair Committee, 1986 - 1987

University Task Force Committee on Research, 1988 - 1989

SACS Committee: Institutional Purpose and Effectiveness, 1991 - 1992

University Curriculum Committee, 1993

University Review Committee, Elected Member, 1993 – 1995

Outstanding Graduate Student Selection Committee, 1997 – 1998

Post-tenure Review Committee, 1998

Peer Review Committee, School of Library and Information Studies, 1998-99

Search Committee, TWU Library Director, 2002

Search Committee, Director of Occupational Therapy Search 2003

Texas Woman's University, Institutional Review Board, 2004 – present

Search Committee, Dean of the College of Health Sciences, 2004 - 2005

Live Well Simply Program and Pioneer Camp, 2006, 2007

Wellness Connections Steering Committee, 2009 – present

Radiation Safety Committee, 2009 - present

b. College committees

Tenure committee, 1987 – 1988

Minority Biomedical Research Support Advisory Committee, 1988 – 1989

Dean of Health Sciences Search Committee, 1989

College of Health Sciences - Search Committee for new faculty in Dental Hygiene, 1992

College of Health Sciences - Development of Interdisciplinary Major, 1985 - 1992

College of Health Sciences - Exercise and Sports Nutrition Master's Program, Coordinator, 1992 – 1995

College of Health Sciences - Search Committee for new Kinesiology faculty member, 1996 – 97

Member, Search Committee for new Family Sciences faculty member, 1997 – 98

College of Health Sciences – Search Committee for new Kinesiology faculty member, 1998 – 99

College of Health Sciences - College Mission Committee, 2003

Search Committee Chair, Chair of the NFS Department at TWU, 2005 - 2006

Graduate Program Review Committee of Department of Kinesiology, 2005

Search Committee Chair, Chair of the NFS Department at TWU, 2006

College of Health Sciences Leadership Council, 2006 – 2009

American Heart Association Heart Walk, Fall 2006

c. Departmental committees

NFS Recruiting Committee, 1983 - 1984

Animal Area Committee, 1982 - 1985, Chairman, 1985 - 1986

NFS Co-op Education Advising Committee, 1983 - 1985

NFS Library Representative, 1983 - 2005

NFS Faculty Search Committee, 1984

NFS Scholarship Committee, 1986, Chairman, 1987 - 1993

NFS Undergraduate Curriculum Committee, 1985

NFS Graduate Curriculum Committee
Chair, 1985 - 1986, 1988 -1989
Member, 1993 – 1995, 2014

NFS Graduate Club Advisor, 1982 - 1993

NFS Handbook Committee, 1987 - 1988

NFS Faculty Search Committee, 1989

NFS Institutional Effectiveness, 1992

NFS Peer Review Committee
Alternate member

NFS Faculty Search Committee, 1994 - 1995

NFS Scheduling Committee, Chair, 1995 - 1996

NFS Professional Development Committee, 1995 – 1996

Chair, NFS Professional Development Committee, 1996 - 1997

Chair, NFS Peer Review Committee, 1996 – 1997, 2007 - 2008

Chair, NFS-Denton Scheduling Committee, 1996 - 1997

Dietetic Internship Selection Committee, 1996 – present

Search Committee for new Nutrition faculty member, 1997-1998

NFS-Denton Resource Committee, 1997 – 1999

Exercise and Sports Nutrition Selection Committee, 1993 – present

Search Committee for new Nutrition faculty member, 2000

Search Committee for new Kinesiology faculty member, 2000

NFS-Denton Resource Committee, 2000 – 2006

NFS Peer Review Committee, 2000

Dietetic Internship Selection Committee, 2000, 2001, 2003, 2004

Peer Review Committee, Chair, 2001

NFS Space Allocation Committee, 2002

NFS Peer Review Committee, alternate member, 2002 – 2006

NFS Core Curriculum Committee, 2002

NFS Non-Thesis Option Committee, 2002 – 2003

NFS Curriculum and Effectiveness Committee, 2003, 2004

Advisory Board, Department of Nutrition and Food Sciences,
Texas Woman's University, 2004 – present

Peer Review Committee, alternate member, 2005 – 2006

NFS Annual Evaluation Criteria Committee, 2005 - 2006

NFS Resources Committee, 2005 – 2006

NFS Graduate Institutional Effectiveness, 2006 – 2008

Peer Review Committee, Chair, 2008, Co-chair, 2009 – 2010; member, 2010-
2012

Search committee for two positions in NFS, 2008

Graduate Institutional Effectiveness, 2008 – 2009

PhD Preliminary Examination Committee 2011 – 2014, Chair

Search Committee, NFS Chair, 2012-2014

ESN Program Review Committee, 2012, Chair

Professionally Related Service

Memberships in Professional Societies

Collegiate and Professional Sports Dietitians Association, 2010 - 2011

United States Olympic Committee Sport Dietitian Network, 2009 – present

American Society for Nutrition (formerly AIN)
Associate Member, 1977 - 1993
Full Member, 1993 – present

American Society of Bone and Mineral Research
Member, 1992 – 2010

American Academy of Nutrition and Dietetics (formerly ADA)
Member, RD#836745, Oct. 1994 – present

Licensed by State of Texas, LD# DT04552, July 1995 – present

Certified Specialist in Sports Dietetics, C.S.S.D., July 2006 – present; recertified in 2011

International Society for Clinical Densitometry, Certified Clinical Densitometry Technician. 1996; Re-certified, 1999

Sports and Cardiovascular Nutritionists (SCAN), a practice group of the Academy of Nutrition and Dietetics, Member, 1995 – present

Elected to National Office 2013 – 2016, Nominating Committee

Executive Committee, SCAN, 2005 - 2006

Inaugural Director of Sports Dietetics-USA, a subunit of SCAN, 2004 - 2007

Dietitians in Research, a practice group of Academy of Nutrition and Dietetics, Member, 1998 – present

American College of Sports Medicine, Member, 1999 – present

Fellow of the College, 2008

American Oil Chemist's Society

Protein and Co-Products Section,

National Secretary -Treasurer, 1984 -1987

Vice-Chairman, 1987-1988

Chairman, 1988-1989

Supelco - AOCS Award Nomination Committee, 1984 -1985

Technical Coordinator of peer-reviewed session: Dietary Lipids in Health and Disease, 1983.

Phi Kappa Phi (National Scholastic Honorary)

Secretary -Treasurer, TWU chapter 1984 -1990.

President - elect, TWU chapter, 1991.

Sigma Xi (National Research Honorary),

Member, TWU Chapter, 1982 -1991

Secretary -Treasurer, TWU Chapter, 1984 -1985.

Iota Sigma Pi (National Chemistry Honorary for Women)

Treasurer, 1973

Vice President, 1974 -1975.

Sigma Delta Epsilon (National Science Honorary for Women)

Vice President, 1980-1981.

District associations (offices, chairs, accomplishments and years of each)

North Texas Academy of Dietetics and Nutrition

Member, 1994 - present

Treasurer, 1995 - 1997

President Elect, Program Chair, 1997-98

President 1998-99

Organized Eating Disorders Workshop, April 1999.

Texas Chapter of the American College of Sports Medicine

Member, 1998 - present

Board of Directors, Education and Allied Health

Representative, 2004 – 2007.

Other Community Outreach Achievements

Book reviewer for West Publishing Co:

a) Advanced Nutrition and Human Nutrition by Hunt and Groff, 1990

b) Community Nutrition, 1992

c) Understanding Nutrition, 6th Edition, 1992-93

d) Understanding Normal and Clinical Nutrition by Whitney, Cataldo, and Rolfes, Chapters 1-17, 1994.

Reviewer for Journal of Bone and Mineral Research, 1994, 1995, 1998

Reviewer for Bone, 2000.

Reviewer for abstracts related to nutrition and sport for 1994, 1995, 1996 American College of Sports Medicine Annual Meetings.

Developed course, *Nutrition in the Weight Room*, a four-hour Power Point presentation for the Health Promotion Director's Course, Cooper Institute for Aerobic Research, September 1999 - 2001.

Reviewer for International Journal of Sport Nutrition and Exercise Metabolism, 1993 - 1996, 1999, 2002 – present.

Book reviewer for Human Kinetics Publishers, 2008.

Reviewer for Texas Association for Physical Education Recreation and Dance Journal, 2009

Reviewer for Family and Consumer Sciences Research Journal, 2009 – 2010

Member of Distinguished Review Panel for Texas Woman's University Doctor of Nursing Practice Project and Poster Presentations, April 30, 2010, Dallas, TX.

Reviewer for Human Kinetics, Fundamentals of Sport and Exercise Nutrition by Marie Dunford, 2010.

Manuscript reviewer for Evidence-Based Complementary and Alternative Medicine Journal, 2012.

OTHER

Significant Professional Development Activities

Fit to Lead Camp, Irma Rangel School, 2009 – 2010, Texas Woman’s University – provided afternoon of activities for 15 year old girls.

Chair, developer of Power of a Healthy Woman annual symposium, 2006 – present

Age Well~Live Well, 2011 – present, Co-Chair (City-wide program initiated by Texas Department of Ageing and Disability Services and consisting of TWU, UNT, City of Denton and Denton businesses to promote health and wellness in Denton).

Traffic and Safety Commissioner, City of Denton, 2013 – 2016

Board of Directors, Serve Denton, 2014

Board of Directors, Seniors in Motion, 2014