

FARZAD DEYHIM

Texas A&M University-Kingsville
700 University blvd.

Department of Human Sciences, MSC 168
Kingsville, TX 78363-8203

Telephone: Cell (361) 533-5156 Office (361) 593-2409 Fax (361) 593-2230

E.mail: farzad.deyhim@tamuk.edu or farzad.deyhim@gmail.com

EDUCATION

UNIVERSITY

Oklahoma State University Stillwater, Oklahoma
Major: Human nutrition
Degree: July 31, 2000; Doctor of Philosophy.

Oklahoma State University, Stillwater, Oklahoma
Major: Dietetics and Nutrition
Registered Dietitian; CDR Registration number 883046; July 12, 2000.

Colorado State University, Fort Collins, Colorado
Major: Animal Nutrition and Physiology
Degree: 1988; Doctor of Philosophy

California State University, Fresno, California
Major: Animal Nutrition and Physiology
Degree: 1984; Master of Science

California State University, Fresno, California
Major: Animal Physiology
Degree: 1982; Bachelor of Science

COLLEGE

Antelope Valley College, Lancaster, California
Major: General Science
Associate Degree: 1981

VOCATIONAL SCHOOL

Meridian School of Technology, Stillwater, Oklahoma Completion of computer course work for A+ certification. Date of graduation: May of 2000

EDITORIAL BOARD MEMBER FOR THE FOLLOWING JOURNALS

I have served as an editorial board member for the following journals

American Journal of Food Technology
Asian Journal of Animal and Veterinary Advances
Asian Journal of Biochemistry
International Journal of Zoological Research
Journal of Applied Sciences
Journal of Medical Sciences
Asian Journal of Clinical Nutrition

PUBLICATIONS (Refereed Journal)

Farzad Deyhim, Shahrzad Foroudi, Andrew S Potter, Niaz Deyhim, and Bhimanagouda S Patil (2015) Drinking grapefruit juice increases total antioxidant status and decreases lipid peroxidation in adults. *Journal of Medicinal Food*. (submitted for publication)

Shahrzad Foroudi, Andrew S Potter, Alexis Stamatikos, Bhimanagouda S Patil and **Farzad Deyhim** (2014) Drinking orange juice increases total antioxidant status and decreases lipid peroxidation in adults. *Journal of Medicinal Food*. 17:612-617

Alexis Stamatikosa and **Farzad Deyhim** (2012). Assessing Indicators of Central Obesity as Hypertensive Risk Factors. *Journal of Student Research*. 2:11-18

Andrew S Potter, Shahrzad Foroudi, Alexis Stamatikos, Bhimanagouda S Patil and **Farzad Deyhim** (2011) Drinking carrot juice increases total Antioxidant status and decreases lipid peroxidation in adults. *Nutr J*. 24:10:96.

Rori Morrow, **Farzad Deyhim**, Bhimanagouda S. Patil, Barbara J. Stoecker. (2009) Feeding orange pulp improved bone quality in a rat model of male osteoporosis. *Journal of Medicinal Food*. 12:298-303.

Mandadi K, Ramirez M, Jayaprakasha GK, Faraji B, Lihono M, **Deyhim F**, Patil BS. (2009) Citrus bioactive compounds improve bone quality and plasma antioxidant activity in orchidectomized rats. *Phytomedicine*. 16(6-7):513-20.

Farzad Deyhim, Kranthi Mandadi, Bhimanagouda S. Patil, Bahram Faraji. (2008) Grapefruit pulp increases antioxidant status and improves bone quality in orchidectomized rats. *Nutrition* 24:1039-1044.

Farzad Deyhim, Kranthi Mandadi, Bahram Faraji, Bhimanagouda S. Patil. (2008) Grapefruit Juice Modulates Bone Quality in Rats. *Journal of Medicinal Food*. 11:99-104.

Villarreal A, Stoecker BJ, Garcia C, Garcia K, Rios R., Gonzales C, Mandadi K, Faraji B, Patil BS, **Deyhim F**. (2007) Cranberry juice improved antioxidant status without affecting bone quality in orchidectomized male rats. *Phytomedicine* 14:815-820

Farzad Deyhim, Ryan Rios, Claudia Garcia, Arnulfo Villarreal, Kristi Garcia, Cheri Gonzales, Kranthi Mandadi, Bahram Faraji, Bhimanagouda S. Patil. (2007) Orange pulp increases antioxidant status and improves bone quality in orchidectomized rats. *Current issues in Food and Nutrition*. 3:319-323

Farzad Deyhim, Claudia Garcia, Arnulfo Villarreal, Kristi Garcia, Ryan Rios, Cheri Gonzales, Kranthi Mandadi, Bahram Faraji, Bhimanagouda S. Patil. (2007) Vitamin E does not support bone quality in orchidectomized rats. *Current issues in Food and Nutrition*. 3:300-303

Farzad Deyhim, Cheri Gonzales, Arnulfo Villarreal, Kristi Garcia, Ryan Rios, Claudia Garcia, Kranthi Mandadi, Bhimanagouda S. Patil. (2007) Vitamin E does not modulate plasma cholesterol, triglyceride, or C-reactive protein despite suppressing oxidative stress in orchidectomized rats. *Journal of Medicinal Food*. 10:559-62.

Farzad Deyhim, Arnulfo Villarreal, Kristi Garcia, Ryan Rios, Claudia Garcia, Cheri Gonzales, and Kranthi Mandadi, Bhimanagouda S. Patil. (2007) Orange pulp improves antioxidant status and suppresses lipid peroxidation in orchidectomized male rats. *Nutrition* 23:617–621

Farzad Deyhim, Bhimanagouda S. Patil, Arnulfo Villarreal, Erica Lopez, Kristi Garcia, Ryan Rios, Claudia Garcia, Cheri Gonzales, Kranthi Mandadi (2007) Cranberry juice increases antioxidant status without affecting cholesterol homeostasis in orchidectomized rats. *Journal of Medicinal Food* 10:49-53.

Farzad Deyhim, Erica Lopez, Julia Gonzalez, Michelle Garcia, Bhimanagouda S. Patil (2006) Citrus Juice Modulates Antioxidant Enzymes and Lipid Profiles in Orchidectomized Rats. *Journal of Medicinal Food* 9:422-426.

Farzad Deyhim, Kristy Garcia, Julia Gonzalez, Erica Lopez, Sumiyo Ino, Michelle Garcia, Bhimanagouda S. Patil (2006) Citrus Juice Modulates Bone Strength in Male Senescent Rat Model of Osteoporosis. *Nutrition* 22:559-563.

Deyhim F, Stoecker BJ, Brusewitz GH, Devareddy L, and Arjmandi B. (2005) Dried plum reverses bone loss in an osteopenic rat model of osteoporosis. *Menopause*. 12:755-762.

Deyhim F, Smith BJ, Soung do Y, Juma S, Devareddy L, Arjmandi BH. (2005) Ipriflavone modulates IGF-I but is unable to restore bone in rats. *Phytother Res*. 519:116-20.

Paeratakul S, Kennedy B, Ryan DH, Champagne C, Bogle M, McGee B, Johnson G, Forsythe E, **Deyhim F**. (2005) A pilot church-based weight loss program for African American adults utilizing church members as health educators: A comparison of individual and group intervention. *Ethnicity & Disease* 15:373-378.

Sohn E, **Deyhim F**, Arjmandi BH. (2004) Soy isoflavones attenuate estrogen deficiency-induced increases in abdominal fat in the hamster. *Nutr Res* 23:1023-1029

Deyhim F, Stoecker BJ, Brusewitz GH, Arjmandi B. (2003) The effects of isoflavones on bone density of ovariectomized rats. *Nutr Res* 23:123-130

Deyhim F, Stoecker BJ, Teeter RG (1996) Vitamin and trace mineral withdrawal effects on broiler breast tissue riboflavin and thiamin content. *Poultry Sci*.75:201-202.

Deyhim F, Stoecker BJ, Adeleye BO, Teeter RG (1995) The effects of heat distress environment, vitamin, and trace mineral supplementation on performance, blood constituents, and tissue mineral concentration in broiler chickens. *Nutrition Research*. 15:521-526.

Deyhim F, Teeter RG (1995) Effects of heat stress and drinking water salt supplementation on plasma electrolytes and aldosterone concentration in broiler chickens. *International Journal of Biometeorology* 38:216-217.

Deyhim F, d'Offay JM, Teeter RG (1994) The effects of heat distress environment and vitamin or trace mineral supplementation on growth and cell mediated immunity of broiler chickens. *Nutrition Research*. 14:587-592

Deyhim F, Teeter RG (1993) Dietary vitamin and/or trace mineral effects on performance and humoral mediated immunity, and carcass composition of broilers during thermoneutral and high ambient temperature distress *Journal of Applied Poultry Research* 2:347-355.

Deyhim F, d'Offay JM, Teeter RG (1993) The effect of testosterone propionate on cellular and humoral mediated immunity responses of broiler chickens. *Immunology and Infectious Diseases* 3:238-240.

Deyhim F, Moreng RE, Kienholz EW (1992) The effects of testosterone propionate on growth of broiler chickens. *Poultry Sci* 71:1921-1926.

Deyhim F, Belay T, Teeter RG (1992) An evaluation of dietary riboflavin supplementation on growth rate, feed efficiency, ration metabolizable energy content, and glutathione reductase activity of broilers. Nutrition Research 12:1123-1130.

Deyhim F, Belay T, Teeter RG (1992). An evaluation of dietary pantothenic acid needs of broilers through eight weeks posthatching. Nutrition Research 12:1549-1554.

Deyhim F, Teeter RG(1991) Sodium and potassium chloride drinking water supplementation effects on acid-base balance and plasma corticosterone in broilers reared in thermoneutral and heat distress environments. Poultry Sci. 70:2551-2553.

NON-REFEED PUBLICATION

Deyhim F, C.J. Wiernusz, T. Belay, R.G. Teeter, M.B. Coelho, and J.T. Halley. (1990). Riboflavin and pantothenic acid requirement of the broilers through eight weeks posthatching. Animal Science Research Report. MP-129, 195-201.

McDonald K, T. Belay, **F. Deyhim**, and R.G. Teeter (1990). Comparison of day five acclimation and fasting techniques to reduce broiler heat distress mortality. Animal Science Research Report. MP-129, 202-204.

Teeter R.G, K. McDonald, and **F. Deyhim** (1990). Nitrogen corrected true metabolizable energy value of propionic acid, glycerol and luprosil for broiler. Animal Science Research Report. MP-129. 205-208.

BOOK CHAPTERS

Deyhim F. and Granberry M. (2004) Nourishing the Future -The case for community-based nutrition research in the Lower Rio Grande Valley. Sue R. Day ed. cardiovascular disease. Pages 65-69. Publisher. The University of Texas School of Public Health, Houston, Texas

Deyhim F. (2004) Nourishing the Future -The case for community-based nutrition research in the Lower Rio Grande Valley. Sue R. Day ed. Osteoporosis. Pages 94-98. Publisher- The University of Texas School of Public Health, Houston, Texas

Peltz G. and **Deyhim F.** (2004) Nourishing the Future -The case for community-based nutrition research in the Lower Rio Grande Valley. Sue R. Day ed. Impaired Immunity. Pages 99-106. Publisher- The University of Texas School of Public Health, Houston, Texas

POPULAR PRESS

TAMUK Researcher finds nutritional treatments for diabetes, cholesterol (2005). Kingsville Journal, Sunday. October 30, 2005. Page 8

Teeter R.G. and **F. Deyhim** (1993). Is vitamin and trace mineral supplementation necessary in broiler feed. The Journal of Feed Technology and Marketing-Feed Management. 44:28-34.

Deyhim F. (1997). Adverse effects of cigarette smoking. The News Press. Stillwater OK.

POSTER PRESENTATION

Deyhim F, Patil BS. (2009) Citrus juice improves bone quality. Vegetable and Fruit Improvement Center. August 22, Austin, Texas

Deyhim F, Mandadi K, Faraji B. Patil BS. (2006) Grapefruit Juice Influences Bone Quality in Orchidectomized and Non-Orchidectomized Male Rats. Twenty-Eight Annual Meeting of the American Society for Bone and Mineral Research. September 15-19, Philadelphia, PA.

Deyhim F, Morrow R, Garcia K, Villarreal A, Mandadi K, Rios R, Patil BS, Stoecker BJ. (2006) Orange pulp impacts bone homeostasis in orchidectomized rat model of osteoporosis. Vegetable and Fruit Improvement Center, Texas A&M University, College Station, TX.

Deyhim F, Laurenz J. (2006) The modulating impact of canola oil on glucose uptake and superoxide anion production in L₆ muscle cell line. 66th Annual meeting. American Diabetic Association. Washington D. C.

Deyhim F, Olivarez O (2006) The beneficial effect of Arctic Omega Liquid and Pro Omega Liquid on glucose uptake and cell livability in L₆ muscle cell line. 66th Annual meeting. American Diabetic Association. Washington D. C.

Deyhim F, Kwan CH, Limas N, Bowman S, Martin T, Laurenz J (2006) The effects of canola oil and coconut oil on streptozotocin induced diabetic rats Institute of Food Technology, FL.

F. Deyhim, K. Garcia, A. Villarreal, K. Mandadi, R. Rios, B. S. Patil. (2005) The impact of feeding orange on bone homeostasis in orchidectomized rat model of osteoporosis. American Society of Bone and Mineral, Nashville, TN

Farzad Deyhim, Julia Gonzalez, Michelle Garcia and Bhimanagouda S. Patil, Sumio Ino. (2005). Citrus juices improve bone density in senescent male rats. International Food Technology, New Orleans, Louisiana.

Kranthi K. Mandadi, G. K. Jayaprakasha, **Farzad Deyhim**, Bhimanagouda S. Patil (2005). Citrus and its putative bioactive limonoids: Beneficial effects on bone strength. ASHS American Horticulture Society. Las Vegas, Nevada

Deyhim F., E. Lucas, G. Brucewitz, B.J. Stoecker, B.H. Arjmandi (1999). Prune Dose-dependently reverses bone loss in ovarian hormone deficient rats. Twenty-First Annual Meeting of the American Society for Bone and Mineral Research. St. Louis, Missouri.

ORAL PRESENTATIONS

Deyhim F, Patil BS. (2009) Grapefruit Juice Influences Bone Quality in Orchidectomized and Non-Orchidectomized Male Rats. Twenty-Eight Annual Meeting of the American Society for Bone and Mineral Research. August 2009, Austin Texas

Deyhim F. Mandadi K, Patil BS. (2007) Citrus improves bone quality in rats. 2nd International Symposium on Human Health Effects of Fruits and Vegetables. Oct 9-13. Houston, TX

Deyhim F. (2006). The effects of canola oil and coconut oil on streptozotocin induced diabetic rats. 2006 ASA-CSSA-SSSA International Annual Meeting. Nov 12-16. Indianapolis, IN

Deyhim F. Mandadi K, Patil BS. (2006) Effects of eating citrus pulp on bone quality and bone mineral analysis in orchidectomized rat model of osteoporosis. Texas Horticulture Society, San Antonio, TX.

Deyhim F. Mandadi K, Patil BS. (2006) Effects of eating citrus pulp on antioxidant status in orchidectomized rat model of osteoporosis. Vegetable and Fruit Improvement Center, Texas A&M University, College Station, TX.

Deyhim F. Villarreal A, Rios R, Garcia C, Garcia K, Gonzales C, Mandadi K, Patil BS. (2006) Cranberry juice improves bone quality, and increases antioxidant enzymes in orchidectomized rats Institute of Food Technology, Orlando Fl.

Deyhim F. (2005) The effect of orange juice and grapefruit juice on bone density of Orchidectomized rats. South Texas Horticulture Society. Weslaco, TX

Erica Lopez, Michelle Garcia, Bhimanagouda S. Patil, **Farzad Deyhim** (2005) Citrus juices improve bone density in senescent male rats. Texas Academy of Sciences, Edinburgh, TX.

Deyhim F., and R.G. Teeter (1996). Vitamin withdrawal effects on performance, carcass composition, and tissue vitamin concentration of broilers exposed to various stress types. Seventeen Annual Meeting of the Southern Poultry Science Society. Atlanta, Georgia.

Deyhim F., B. J. Stoecker, B.O. Adeleye, and R.G. Teeter (1993). Dietary vitamin and trace mineral supplemental effects on tissue minerals and some blood constituents of broilers reared in thermoneutral and heat distress exposure. Fourteen Annual Meeting of the Southern Poultry Science Society. Atlanta, Georgia.

Deyhim F., and R.G. Teeter (1993). The effects of vitamin and trace mineral premix supplementation effects on broiler thermobalance during thermoneutral and acute heat distress. Fourteen Annual Meeting of the Southern Poultry Science Society. Atlanta, Georgia.

Deyhim F., R.G. Teeter, and J.M. d'Offay (1992). Lack of vitamin and trace mineral supplementation effects on humoral and cell mediated immunity. Presentation at Poultry Science Association. Fayetteville, Arkansas.

Deyhim F., and R.G. Teeter (1992). Lack of dietary supplemental vitamin and trace mineral effects on broiler performance reared in thermoneutral and cyclic heat distress temperature exposure. Presentation at Poultry Science Association. Fayetteville, Arkansas.

Deyhim F., and R.G. Teeter (1992). Dose titration and administration route effects of sheep erythrocytes on broiler humoral mediated immunity. Thirteenth Annual Meeting of the Southern Poultry Science Society. Atlanta, Georgia.

Deyhim F., J.M. d'Offay, and R.G. Teeter (1992). The effects of testosterone propionate administration on cell and humoral mediated immunity of broilers during growing period. Thirteenth Annual Meeting of the Southern Poultry Science Society. Atlanta, Georgia.

Deyhim F., and R.G. Teeter (1992). The effects of dietary zinc-methionine, manganese-methionine, and copper lysine on broiler performance and some body parameters during thermoneutral and ambient temperature distress. Thirteenth Annual Meeting of the Southern Poultry Science Society. Atlanta, Georgia.

Deyhim F., and R.G. Teeter (1990). Acid-base balance and plasma corticosterone of heat distress broilers consuming KCl and NaCl supplemental drinking water. Eleventh Annual Meeting of the Southern Poultry Science Society. Atlanta, Georgia.

Deyhim F, R.P. Wettemann, and R.G. Teeter (1990). A non-chromatographic radioimmunoassay for chicken plasma aldosterone. Eleventh Annual Meeting of the Southern Poultry Science Society. Atlanta, Georgia.

Deyhim F, and R.G. Teeter (1990). The effect of dietary salt on gain and plasma aldosterone concentration in broiler chicks. Eleventh Annual Meeting of the Southern Poultry Science Society. Atlanta, Georgia.

Deyhim F, T. Belay, and R.G. Teeter (1990). The effect of dietary distress on blood gas, plasma and urine concentration of Na, K, Cl of broiler chickens. Presentation at Poultry Science Association, Blacksburg, VA.

Deyhim F, and R.G. Teeter (1990). The effects of KCl and NaCl drinking water supplementation on some blood parameters of heat distressed broilers. Presentation at Poultry Science Association, Blacksburg, VA.

Deyhim F, R.E. Moreng, and D.M. Nelson (1985). The effects of light on growth and development of broiler chicken. Presentation at Pacific Egg and Poultry Association. Las Vegas, Nevada and Poultry Science Association, Ames, Iowa.

ABSTRACTS

Potter, A.S., Foroodi, S., Stamatikos, A., Patil, B.S., **Deyhim, F**. (2012). Carrot Juice Consumption Augments Antioxidant Capacity and Lowers Lipid Peroxidation in Humans. *Journal of Nutrition & Food Sciences*, 2:7. <http://dx.doi.org/10.4172/2155-9600.S1.008>.

Morrow, R, **Deyhim, F**, Patil, BS and Stoecker, BJ. "Feeding orange pulp improves bone microarchitecture in orchidectomized rats." *Experimental Biology* 2006. San Francisco, CA. 2006.

Paeratakul S., B Kennedy, D.H. Ryan, C. Champagne, M. Bogle, B. McGee, G. Johnson, W. Forsythe, **F. Deyhim** (2002). Results from a church-based weight control pilot study: the Shiloh Health Obedience Program. *FASEB*.

Deyhim F., E. Lucas, G. Brucewitz, B.J. Stoecker, B.H. Arjmandi (1999). Prune Dose-dependently reverses bone loss in ovarian hormone deficient rats. *JBMR*. 14:S394.

Deyhim F., and R.G. Teeter (1996). Vitamin withdrawal effects on performance, carcass composition, and tissue vitamin concentration of broilers exposed to various stress types. *Poultry Sci*. 75:S39.

Teeter R.G., T. Belay, J. Cason, **F. Deyhim**, S. Davis, T. Cheng, S.L. Vanhooser, and K. Powell (1996). An evaluation of diet-ionophore interactions on broiler growth. *Poultry Sci*. 75:S142.

Deyhim F., B.J. Stoecker, B.O. Adeleye, and R.G. Teeter (1993). Dietary vitamin and trace mineral supplemental effects on tissue minerals and some blood constituents of broilers reared in thermoneutral and heat distress exposure. *Poultry Sci*. 72:161.

Deyhim F., and R.G. Teeter (1993). The effects of vitamin and trace mineral premix supplementation effects on broiler thermobalance during thermoneutral and acute heat distress. *Poultry Sci*. 72:162.

Deyhim F., R.G. Teeter, and J.M. d'Offay (1992). Lack of vitamin and trace mineral supplementation effects on humoral and cell mediated immunity. *Poultry Sci*. 71:60.

Deyhim F., and R.G. Teeter (1992). Lack of dietary supplemental vitamin and trace mineral effects on broiler performance reared in thermoneutral and cyclic heat distress temperature exposure. *Poultry Sci*. 71:65.

Deyhim F., J.M. d'Offay, and R.G. Teeter (1992). The effects of testosterone propionate administration on cell and humoral mediated immunity of broilers during growing period. *Poultry Sci.* 71:146.

Deyhim F., and R.G. Teeter (1992). The effects of dietary zinc-methionine, manganese-methionine, and copper-lysine on broiler performance and some body parameters during thermoneutral and ambient temperature distress. *Poultry Sci.* 71:147.

Deyhim F., and R.G. Teeter (1992). Dose titration and administration route effects of sheep erythrocytes on broiler humoral mediated immunity. *Poultry Sci.* 71:146.

McDonald K.R., **F. Deyhim,** and R.G. Teeter (1992). An evaluation of yeast for efficacy to ameliorate nonspecific antigen consequences in broilers reared in heat distressed and thermoneutral environments. *Poultry Sci.* 71:165.

Belay T., **F. Deyhim,** and R.G. Teeter (1992). Effect of virginomycin supplementation on growth and humoral mediated immunity of broilers. *Poultry Sci.* 71:137.

Mansour K.M., T. Belay, C. Harjo, C.J. Wiernusz, **F. Deyhim,** M.F. Amer, and R.G. Teeter (1992). Feed restriction effects on pullets thermobalance during 24 and 35 °C ambient temperature exposure. *Poultry Sci.* 71:164.

Deyhim F., C.J. Wiernusz, T. Belay, K. McDonald, R.G. Teeter, M.B. Coelho, and J.T. Halley, (1991). A re-evaluation of the male broilers riboflavin and pantothenic acid dietary requirement in thermoneutral and heat distress environment. *Poultry Sci.* 70:157.

Deyhim F., C.J. Wiernusz, T. Belay, J.J. Cason, and R.G. Teeter (1991). An evaluation of luprosil for beneficial effects on growing turkeys infected with Hemorrhagic Enteritis and Escherchia Coli. *Poultry Sci.* 70:157.

Deyhim F., T. Belay, and R.G. Teeter (1991). A Surgical technique for continuous arterial blood sampling of chicks. *Poultry Sci.* 70:156.

Deyhim F., and R.G. Teeter (1990). The effects of KCl and NaCl drinking water supplementation on some blood parameters of heat distressed broilers. *Poultry Sci.* 69:42.

Deyhim F., T. Belay, and R.G. Teeter (1990). The effect of dietary distress on blood gas, plasma and urine concentration of Na, K, Cl of broiler chickens. *Poultry Sci.* 69:42.

McDonald K., T. Belay, **F. Deyhim,** and R.G. Teeter (1990). Comparison of the 5-day acclimation and fasting techniques to reduce broiler heat distress mortality. *Poultry Sci.* 69:90.

Deyhim F., and R.G. Teeter (1990). Acid-base balance and plasma corticosterone of heat distress broilers consuming KCl and NaCl supplemental drinking water. *Poultry Sci.* 69:163.

Deyhim F., and R.G. Teeter (1990). The effect of dietary salt on gain and plasma aldosterone concentration in broiler chicks. *Poultry Sci.* 69:163.

Deyhim F., R.P. Wettemann, and R.G. Teeter (1990). A non-chromatographic radioimmunoassay for chicken plasma aldosterone. *Poultry Sci.* 69:163.

Deyhim F., R.E. Moreng, and D.M. Nelson (1985). The effects of light on growth and development of broiler chicken. *Poultry Sci.* 64:89.

Miller B. F., **F. Deyhim**, and R.E. Moreng (1985). Effects of light regimen on body fat in broilers. *Poultry Sci.* 64:147.

STUDENT SUPPORTED PRESENTATION

Alexis Stamatikos & **Farzad Deyhim** (2012) Evaluating Central Obesity Markers as Risk Factors for Hypertension. 27th Annual International Interdisciplinary Conference on Hypertension and Related Cardiovascular Risk Factors in Ethnic Populations (ISHIB 2012). Miami, Florida.

Andrew Potter, Shahrzad Foroudi, Alexis Stamatikos, Bhimanagouda Patil, and **Farzad Deyhim**. (2012) Carrot Juice Consumption Augments Antioxidant Capacity and Lowers Lipid Peroxidation in Humans. 49th OMICS Group Conference: 1st International Conference and Exhibition on Nutritional Science & Therapy. Philadelphia, Pennsylvania.

Herrera Sandra, Deyhim Farzad, Bhimanagouda S. Patil., (2009) Citrus Juice Modulates Bone Strength in Male Senescent Rat Model of Osteoporosis American Association of Family and Consumer Sciences, June 25-28, 2009 in Knoxville, TN.

Carla Alaniz, Herrera Sandra, Deyhim Farzad, Bhimanagouda S. Patil. Drinking Carrot Juice reduced blood pressure in Adults American Association of Family and Consumer Sciences. June 25-28, 2009 in Knoxville, TN.

Sanchez Armando, Deyhim Farzad, Bhimanagouda S. Patil (2008) Grapefruit Juice Modulates Bone Quality in Rats. American Association of Family and Consumer Sciences, Milwaukee, WI

Balderas Cynthia, Deyhim Farzad, Bhimanagouda S. Patil (2008) Grapefruit pulp increases antioxidant status and improves bone quality in orchidectomized rats. American Association of Family and Consumer Sciences, Milwaukee, WI

Pena A, Villarreal A, Stoecker BJ, Faraji B, Patil BS, Deyhim F (2007) Cranberry juice improved antioxidant status without affecting bone quality in orchidectomized male rats. American Association of Family and Consumer Sciences, Reno, Nevada.

Herrera Sandra, Deyhim Farzad, Bhimanagouda S. Patil (2007) Vitamin E does not modulate plasma cholesterol, triglyceride, or C-reactive protein despite suppressing oxidative stress in orchidectomized rats. American Association of Family and Consumer Sciences, Reno, Nevada.

Audry Pena, Herrera Sandra, Farzad Deyhim, Bhimanagouda S. Patil (2007) Orange pulp improves antioxidant status and suppresses lipid peroxidation in orchidectomized male rats. American Association of Family and Consumer Sciences, Reno, Nevada.

Erica Lynn Guzman (2006) Improving nutritional quality of banana nut muffins. American Association of Family and Consumer Sciences, Charlotte NC.

Wells M. (2006) Substitution of soy/rice flour in carrot spice muffins. American Association of Family and Consumer Sciences, Charlotte NC.

Garcia C, Rios R, Villarreal A, and Mandadi K (2005) The influence of vitamin E intake on bone homeostasis in orchidectomized rats. American Association of Family and Consumer Sciences, Minneapolis, Minnesota

Villarreal A, Rios R, Garcia C, and Mandadi K (2005) The effects of cranberry juice on bone homeostasis in orchidectomized rats. American Association of Family and Consumer Sciences, Minneapolis, Minnesota

Ramirez N and Gonzalez J. (2005) The modulating impact of canola oil, corn oil, and hydrogenated fats on glycogen synthesis by rat muscle cells. American Association of Family and Consumer Sciences, Minneapolis, Minnesota

Estrada E, and Guido J. (2004). Sensory and objective evaluation of pancake using ground flaxseed. American Association of Family and Consumer Sciences, San Diego, Ca.

HONORS AND RECOGNITIONS

1985-1988 Scholarship recipient from Pacific Egg and Poultry Association

1979-1981 Antelope Valley College Dean's List

COURSES TAUGHT

Texas A&M University-Kingsville

HSCI 5650 Practicum in Nutritional Care Management I & II

HSCI 5351 Nutrition and Aging

HSCI 5350 Issues in Food Science and Nutrition

HSCI 5352 Nutrition Care Management I

HSCI 5353 Nutrition Care Management II

HSCI 4368 Advanced Nutrition II

HSCI 4367 Advanced Nutrition I

HSCI 4352 Cultural and Community Aspects of Foods and Nutrition II

HSCI 3350 Nutrition through the Life Cycle

HSCI 3352 Experimental Food Science

HSCI 2350 Introductory Nutrition

HSCI 2150 Introduction Nutrition Laboratory

University of Arkansas at Pine Bluff

HUSC 4342 Nutrition in Disease II

HUSC 4331 Nutrition in Disease I

HUSC 3550 Advanced Nutrition

HUSC 2321 Elementary Nutrition

Colorado State University

ANSCI---Avian Genetics

ANSCI---Avian Biology

ANSCI---Nutrition and Metabolism

ANSCI---Poultry Production

California State University

ANSCI---Physiology and Endocrinology of Domestic Animals

ANSCI---Reproductive Physiology and Endocrinology

EMPLOYMENT

Associate Professor, Department of Human Sciences, Texas A&M University-Kingsville, TX 2003-Present. As a faculty Nutrition, my responsibilities are teaching beginning and advanced nutrition, medical nutrition therapy, and advising students Also, directing the Internship Program.

Associate Professor, Department of Human Sciences, University of Arkansas, Pine Bluff, AR. 2000-2002. As a faculty of the Department of Nutrition, my responsibilities were teaching beginning and advanced nutrition, medical nutrition therapy, and advising students.

Coordinator of Poultry Research, Department of Animal Science, Oklahoma State University, Stillwater, OK. 1989-2000.

As a coordinator of poultry research, my responsibilities were conducting experiments, supervising ongoing experiments, procurement of items for daily operation, and poultry farm supervision.

Post-Doctorate associate, Rutgers University, Department of Food Science, New Brunswick, NJ. 1988-1989. As a post-doctorate associate my responsibilities were implementing experimental projects, data collection, laboratory analysis, and presentation.

Research associate, Colorado State University, Department of Animal Science, Fort Collins, CO. 1984-1987. My responsibilities were formulating dietary rations, conducting animal experiments, data collection, laboratory analysis, and presentation.

Research assistant, Colorado State University, Department of Physiology, Fort Collins, CO. 1987-1988. My responsibilities were assisting in animal surgery, conducting animal experiments, data collection, and laboratory analysis.

Clinical Dietitian, Sodhexo, Harlingen, TX. 2004-2007

As a clinical dietitian I am responsible for patient's dietary and medical evaluation, determine the best possible dietary treatment for specific disease or diagnosis conditions, and make appropriate dietary recommendation. In addition, I recommend tube feeding types, formulate tube feeding initial rate and final tube feeding goal rate. Also, make recommendation regarding total parenteral nutrition regimen when appropriate. Finally, monitor patients overall dietary status while patients are hospitalized and follow up.

Clinical Dietitian, Jefferson Regional Medical Center, Pine Bluff, AR, 2001-2002.

As a clinical dietitian my responsibilities were evaluating patient charts and determining nutritional status under specific disease state; recommending and formulating tube-feeding and total parenteral nutrition regimen when appropriate and charting, monitoring patients nutritional progression, and doing follow up.

INTERNSHIP TRAINING

Food Service Management at Marriott: As a manager trainee, I focused on total quality management in daily food service operation, ordering and procurement of goods and services. Additionally, I focused on customer service, customer satisfaction and total quality improvement of foods and services.

Medical Nutrition Therapy and Clinical Training at Integris Bass Baptist Health Center: As a clinical dietitian trainee, I experienced nutritional assessment of burn patients and focused on the effects of nutrition on oncology. In addition I experienced nutritional screening, nutritional assessment, counseling, total parenteral nutrition, and nutrition evaluation.

RESEARCH AND GRANTS AWARDED

Bahram Faraji (Principal Investigator), Farzad Deyhim (Co-Principal Investigator and consultant), Effects of drinking orange juice on antioxidant status and bone quality in humans. UT \$20,000 (**2009, not-Funded**).

Bhimu Patil (Principal Investigator), Farzad Deyhim (Principal Investigator), Barbara Stocker (co-investigator), Brenda Smith (co-investigator). The Effect Of Citrus Bioactive Compounds On Bone Quality In Ovariectomized Rat Model Of Osteoporosis USDA-AFRI USDA (2009) \$500,000 (**not-Funded**).

Farzad Deyhim (Principal Investigator). The Effect Of Orange Pulp And Bioactive Crude Extract On Bone Quality In Ovariectomized Rats. USDA-NRI USDA (2008) \$100,000 (**Funded**).

Farzad Deyhim (Principal Investigator), Bhimu Patil (Co-Principal Investigator). Citrus increases antioxidant status and reduces inflammatory response to cardiovascular disease in adults. TEAS (2009). \$20,000 (**Funded**).

Farzad Deyhim (Principal Investigator), Bhimu Patil (Co-Principal Investigator). Carrot juice and cardiovascular disease risk prevention. Agriculture Experiment Station (HATCH funds 2007) \$37,500. (**Funded**)

Farzad Deyhim (Principal Investigator), Bhimu Patil (Co-Principal Investigator). Does grapefruit modulate antioxidant enzymes and cholesterol production by the liver? USDA 2005-2006. \$16,500 (**Funded**)

Farzad Deyhim (Principal Investigator), Bhimu Patil (Co-Principal Investigator). Flavonoids and limonoids effect on bone homeostasis and antioxidant capacity. USDA 2004-2005, \$19,500 (**Funded**)

Farzad Deyhim (Principal Investigator) Eicosapentaenoic and docosahexaenoic acids modulate glucose uptake, GLUT-4 expression, and antioxidant enzymes in rat muscle cells. 2005. Nordic Natural. \$5,800 (**Funded**)

Farzad Deyhim (Principal Investigator), Jamie Laurenz (Co-Principal Investigator). The effects of canola oil on improving insulin sensitivity in normal and diabetic rats. American Canola Association. 2005. \$15,000 (**Funded**)

Farzad Deyhim (Principal Investigator), Bhimu Patil (Co-Principal Investigator). The effects of citrus bioactive compounds on bone homeostasis of male osteoporotic rats. University Research Council Award. 2004, \$9,200 (**Funded**)

Jamie Laurenz (Principal Investigator) Farzad Deyhim (Co-Principal Investigator),. The effects of fatty acids on glucose uptake by rat muscle cells. Texas Diabetes Association, 2003-2004; \$ 33,000 (**Funded**)

Farzad Deyhim (Principal Investigator), Jamie Laurenz (Co-Principal Investigator). The effects of canola oil, saturated, polyunsaturated, and monounsaturated fatty acids on lipid peroxidation and glucose uptake by rat muscle cells. Northern Canola Association, 2003-2004; \$ 7,500 (**Funded**)

Farzad Deyhim (Principal Investigator). Peer tutoring, experiential learning, and practicum training in nutrition and dietetics. USDA 2005-2008. \$299,267 (not funded)

Farzad Deyhim (Principal Investigator), Bahram Faraji (Co-Principal Investigator), Gloria Van Zante, Alexander Edionawe Peer tutoring, experiential learning, and practicum training in nutrition and dietetic, USDA 2004-2006 (not funded) \$299,499.

Sahar Zaghoul (Principal Investigator), Farzad Deyhim (Co-Principal Investigator), Edith Neal Hyman, Makuba Lihono, Lucille Meadows. Developing and testing of a dietetic experiential learning and peer-tutoring program. USDA 2002, \$195,330 (**Funded**)

Farzad Deyhim (Principal Investigator). An evaluation of luprosil effects on growing turkeys infected with Hemorrhagic Enteritis and Escherchia Coli. BASF Inc. Sept.1990-August 1991; \$16,000 (**Funded**).

Farzad Deyhim (Principal Investigator). The effects of Zn-methionine, Cu-lysine, and Mn-methionine on immunocompetence and body composition of heat distress broilers. \$ 19,000, **awarded** by Zinpro Inc. Sept. 1990-August 1991.

Farzad Deyhim (Principal Investigator) and J.M. d'Offay. Sheep erythrocytes dose titration effects on humoral mediated immunity during heat stress environment. \$ 9,000, **awarded** by Oklahoma Agricultural Experiment Station. Sept. 1991-August 1992.

TEACHING AND SUPPORT AWARD

Received the faculty support award from Dietetic Interns at Texas A&M University-Kingsville-2004

CHAired THESIS FOR THE FOLLOWING STUDENTS

Peggy Ramon. The effects of bioactive compounds in citrus fruits on bone quality of ovariectomized rats. Summer 2013

Kathryn Weber. The effects of orange pulp in relation to osteoporosis in ovariectomized rats. Summer 2013

Kimberly Kristin Strong. The Effects of Vitamin C on Bone Quality of Ovariectomized Rats. Spring 2013

Sudheer Reddy Tummalapally. Drinking orange juice or grapefruit juice may affect bone homeostasis in ovariectomized rats. Fall 2012

Teresa J Warwick. The effects of canola oil and coconut oil on bone quality in rats. May 2012

Katherine M Korzeniewski. Effects of drinking orange juice on bone markers in adults. May 2012

Janine M Szaranski. The effects of carrot juice consumption on bone homeostasis in adults. May 2012

Sharhrzad Froodi. The effects of drinking orange juice on plasma markers for cardiovascular disease in adults with elevated plasma cholesterol and triglyceride. Dec 2010

Andrew Potter. Effects of drinking carrot juice on plasma markers for cardiovascular disease in adults with elevated plasma cholesterol and triglyceride. Dec 2009

Choi Har Kwan. The effects of canola oil on insulin sensitivity in normal and diabetic rats. Dec 2008.

Arnulfo Villarreal Jr. The effects of cranberry juice on bone homeostases in orchidectomized rats. August 2007.

Erica Lopez. The effects of citrus juice on liver and blood lipid profile and antioxidant capacity in ovariectomized rats. August 2006

Monica Escobar. The impact of fruits and vegetables consumption on child obesity among 4th grader Hispanic children. Dec 2006

Kranthi K. Mandadi. Isolation and purification of bioactive citrus limonoids and flavonoids and their effects on bone. Dec 2005

MEMBER

Hetherington Tiffany, Relationship of prealbumin to patient age, gender, length of hospital stay, and admitting diagnosis. May 2005.

Elizabeth Read Sommerfield, The effects of nutrition education class prior to gastric bypass surgery on nutritional deficiencies and weight change. May 2005.

Celia Gonzalez-Salinas, Fathers perceptions of the effects of their incarceration on their children. May 2005.

STUDENT RESEARCH PROJECTS

Daniel Cortez. Fall 2014. The efficacy of protein supplementation for increasing muscle mass in athletes: A review of literature

Che-Hui Chen. Fall 2014. Literature review: The association between green tea extract catechins and lipid metabolism in weight management

Lauren Metzger. Summer 2014. The impact of vitamin D deficiency on the progression of Alzheimer's disease in elderly Americans

Liwen (Lisa) Qin Spring 2014 A review of research related to lutein and age related macular degeneration

Jeri Yuan. (Spring 2014) Cystic fibrosis: Nutritional status, assessment and intervention

Jessica Bennett. Growing babies in the neonatal intensive care unit Enteral nutrition support for high risk infants . Fall 2013

Christine Anee Hansen. Phenylketonuria: Implications for alternative nutritional management techniques. Fall 2013

Amber S. Ilseng. The impact of early initiation of total enteral nutrition on resolution of severe acute pancreatitis. Fall 2013

Ayesha N. Kabir. A review of Research related to autism and diet. Spring 2013

Brenda Solis-Pena. Society's Misconception of Fad Diets and the Negative Effects It has On Health. Spring 2013

Victoria Ann Jarzabkowski. A review of the current research on bariatric surgery and the role of nutrition: A dietitian's perspective. Fall 2012

Juliana L. Weaver. The anorexia of Aging: A review of Contributing factors. Fall 2012

Emilly Null. Vitamin D deficiency and bone health. Fall 2012

Mona Khalil. Batteling the bulge in public schools: a look at local and federal efforts. Fall 2012

Erika Wolstein-Melamed. Impact of low body mass index in outcomes after aortic abdominal aneurysm surgery. Fall 2012

Chelsea Smart. Vitamin D status and rheumatoid arthritis: Implications for treatment. Summer 2012

Jeanine C. Giordano: A comprehensive study of Alzheimer's disease. Dec 2011

Valerie A Guirre: Colon Cancer-A western world disease. Dec 2011

Jaclyn E. Slonaker: A review of sepsis research and serious complications. Dec 2011

Alissa M Mathews: Nutritional intervention in pediatric human immunodeficiency virus/acquired immunodeficiency syndrome patients. Dec 2011

Alesis D Stamatikos: Evaluating central obesity markers as risk factors for hypertension. Dec 2011

Elizabeth Rios: Metabolic syndrome. May 2011

Kelly Brieden: A review of current research on vascular calcification in chronic kidney disease: A renal dietitian perspective August 2010

Raquel A Trevino: Prader-Willi Syndrome. Dec 2009

Ryan Gotcher. The role of protein supplements on dialysis patients May 2009

Brook Webb: TAMUK Dietetic Internship Website Content. May 2008

Christie Diane Mayer: A look at chronic kidney disease and dialysis. Dec 2007

Christina Frances Horan: Phosphorus education with dialysis patients in South Texas. Dec 2007