**YEONG S. RHEE, Ph.D., R.D.** North Dakota State University Dept. #2620, P.O. Box 6050

Fargo, ND 58108-6050

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**EDUCATION**

Ph.D. (1999) Human Environmental Sciences-Human Nutrition

Oklahoma State University, Stillwater, Oklahoma

**LICENSE/CERTIFICATION**

Registered Dietitian (1999) American Dietetic Association

**PROFESSIONAL MEMBERSHIPS** American Society for Nutrition American Dietetic Association

North Dakota Dietetic Association

Fargo-Moorhead Dietetic Association

**EMPLOYMENT**

August 2008 – Present **Associate Professor**, Department of Health, Nutrition, and Exercise Sciences,

College of Human Development and Education, North Dakota State University, Fargo, ND 58108-6050

2002 – July 2008 **Assistant Professor**, Department of Health, Nutrition, and Exercise Sciences,

College of Human Development and Education, North Dakota State University, Fargo, ND 58108-6050

2000 - 2002 **Clinical Dietitian**, Mercy Memorial Health Center, Ardmore, OK 73401

**AWARD AND HONORS PROFESSIONAL DEVELOPMENT**

HD&E College Exceptional Contributions to Scholarly Activity Award Nominee, May 2004

HNES Department Researcher of the Year Award, April 2004

**TEACHING**

HD&E College Outstanding Teacher Award, May 2011

NDSU Odney Award for Teaching Excellence Nominee, May 2011

Alpha Tau Omega Fraternity’s Amazing Teacher Award, February 2008

Who’s Who Among America’s Teachers, June 2007

Identified as one of the people on campus who has really made a difference for them by graduating seniors, May

2007

Identified as one of the Most Helpful faculty members in their time at NDSU by graduating seniors, May 2006

An Influential Faculty Member, NDSU Alumni Association, Listed by graduating seniors, May 2006

Who’s Who Among America’s Teachers, November 2005

Identified as one of their Favorite Professors in their time at NDSU by graduating seniors, May 2003

**ADVISING**

HD&E College Graduate Advisor Award Nominee, May 2011, 2010

HD&E College Exceptional Contribution to Professional Development Award Nominee, May 2010

**SCHOLARLY ACTIVITIES RESEARCH THEMES/AREAS**

Prevention of chronic diseases through behavior changes such as nutrition education and nutrition intervention

using functional food/antioxidant/trace elements

**PUBLICATION-LAST 3 Years**

**Rhee, Y.,** Hunt, C., & Idso, J. (Under review). Dietary boron reduces serum insulin concentrations in rats

through mechanisms other than modulation of insulin receptor expression. *J. Trace Elements in Medicine and*

*Biology*

Wagner, M. & **Rhee, Y.** (Under review). College students’ interest in information on physical activity, nutrition,

and weight management: potential influencing factors. *Journal of Nutrition Education and Behavior*

Wagner, M. & **Rhee, Y.** (Under review). Stress, relationships, grief: Are college students receiving information that is of interest to them? *Journal of Health Communication*

Nyquist, H., **Rhee, Y.,** Brunt, A., & Garden-Robinson, J. (Accepted). Promoting healthy eating and exercise through online messages. *Journal of Extension*

Middaugh, A., Fisk, P., Brunt, A., & **Rhee, Y.** (Accepted). Is there an association between income and fruit and vegetable consumption? *Journal of Nutrition Education and Behavior*

Fisk, P., Middaugh, A., **Rhee, Y.,** & Brunt, A. (2011). Few favorable associations between fruit and vegetable intake and biomarkers for chronic disease risk in American adults. *Nutrition Research, 31,* 616-624.

Wojahn, L., **Rhee, Y.,** Hansen, P., & Terbizan, D. (2011). The comparison of dietary intakes based on injury occurrences in collegiate track and field athletes. *Missouri AAHPERD Journal*, *21,* 62-73.

**Rhee, Y.** & Brunt, A. (2011). Flaxseed supplementation improved insulin resistance in obese glucose intolerant people: A randomized crossover design. *Nutrition Journal, 10,*44, doi:10.1186/1475-2891-10-44,

Terbizan, D., **Rhee, Y.,** & Stastny, S. (2009). A comparison of different body composition assessment techniques. *Missouri AAHPERD Journal*, *19,* 104-111.

**Rhee, Y.** & Brunt, A. (2009). Flaxseed lignan increased red blood cell glucose uptake. *The Open Nutraceuticals*

*Journal, 2,* 81-85.

**Rhee, Y.** (2009). Korean food practice. *ADA Nutrition Care Manual.* Available at:

[www.nutritioncaremanual.org](http://www.nutritioncaremanual.org/). (Manual update).

**Rhee, Y**. & Brunt, A. (2008). Effects of flaxseed lignan on in vitro mitogen-stimulated T cell proliferation. *The*

*Journal of Applied Research, 8(32),* 208-215.

Brunt, A. & **Rhee, Y**. (2008). Obesity and lifestyle in U.S. college students related to living arrangements.

*Appetite, 51,* 615-621.

Brunt, A. R., **Rhee, Y.,** & Zhong, L. (2008). Differences in dietary patterns among college students based on body mass index. *Journal of American College Health*, *56(6),* 629-634.

**ABSTRACT-LAST 3 Years**

Erlandson, B., Wagner, M.G., **Rhee, Y.,** Brunt, A., Winters, L., & Enger, K. (2011). The association of

coordinated program in dietetics admission criteria with success on the national registration examination for dietitians. *Journal of the American Dietetic Association, 111 (suppl 2),* A17.

Wagner, M.G., Hansen, P., **Rhee, Y.,** Terbizan, D., Brunt, A., Christensen, B., Tucker, J., Gust, A., & Lee, C. (2011). Learning style preferences of undergraduate dietetics, exercise science, and athletic training students. *Journal of the American Dietetic Association, 111 (suppl 2),* A55.

Brunt, A., **Rhee, Y.,** Middaugh, A., & Fisk, P. (2011). Does fruit and vegetable intake reduce the risk factors for chronic disease? *Journal of the American Dietetic Association, 111 (suppl 2),* A94.

Brunt, A., **Rhee, Y.,** Middaugh, A., & Fisk, P. (2011). Relationships between income and fruit and vegetable consumption. *Journal of the American Dietetic Association, 111 (suppl 2),* A96.

**Rhee, Y.** & Brunt, B. (2011). The relationships between body composition and risk factors for chronic disease.

*International Journal of Obesity, 35,* S14.

Terbizan, D.J., Wagner, M., Manikowske, T., **Rhee, Y.,** Tucker, J.M., Christensen, B., & Brunt, A. (2011). Comparison of blood parameters using the Cholestech LDX® system and a standard clinical laboratory assay technique. *Medicine and Science in Sports and Exercise*, *43 (5),* 889.

Millton, A., Hansen, P., Miller, K., & **Rhee, Y.** (2011). Grade Three Liver laceration in an intercollegiate volleyball player: A case report. *Journal of Athletic Training, 46,* S93.

Wagner, M., **Rhee, Y.,** & Askegaard, M. (2010). Associations between perceived general health and interest in receiving health information among college students. *Journal of the American Dietetic Association, 110 (suppl 2),* A64.

Brunt, A., **Rhee, Y**.**,** Fisk P. & Kosel, A. (2010). Effects of carbonated beverage on chronic disease markers. Journal of Nutrition Education and Behavior, *42 (suppl),* A108.

Brunt, A., Zhong, L. & **Rhee, Y.** (2009). Comparison of dietary variety between US and Chinese college students. *Journal of the American Dietetic Association, 109 (suppl 3),* A25.

Nyquist, H., **Rhee, Y.,** Brunt, A., & Garden-Robinson, J. (2009). Promoting healthy eating and exercise through online messages. *Journal of the American Dietetic Association, 109 (suppl 3),* A53.

Terbizan, D. J., Christensen, B., Brunt, A., **Rhee, Y.,** Theis, J., Lyons, A., & Moen, J. (2008). Effects of

concurrent training on blood lipids and glucose. *Medicine and Science in Sports and Exercise, 40 (suppl 5), S172.*

**FUNDED EXTERNAL GRANT/CONTRACT**

**Rhee, Y.** The nutritional role of boron in the prevention of diabetes. USDA, ARS, NPA, NRRC; Specific

Cooperative Agreement; 7/16/2006-9/30/2008; Renewed Contract; Role: Co-Principal Investigator

**Rhee, Y.** Determination of antioxidant roles in immune responses. USDA National Research Initiative

Competitive Grants Program; Equipment Grant; 11/15/2004-11/14/2005; Role: Principal Investigator

**Rhee, Y.** The nutritional role of boron in the prevention of diabetes. USDA, ARS, NPA, NRRC; Specific

Cooperative Agreement; 7/15/2004-6/14/2006; Role: Co-Principal Investigator

**Rhee, Y.** & Brunt, A. Effects of flaxseed supplementation on reducing risk of diabetes and cardiovascular disease in individuals with impaired glucose tolerance. North Dakota Oilseed Council; 4/1/2003-3/31/2004; Role: Principal Investigator

**GRANT IN PENDING**

**Rhee, Y.** The mechanism of epigenetic control of obesity by polyphenols. NIH AREA Grant Program;

12/1/2011-11/30/2013, $334,550; Role: Principal Investigator

**SUPERVISION OF GRADUATE STUDENTS**

Meredith Wagner Ph.D., Human Development, Wellness Track, Current Student

***Dissertation Project:*** Fruit and vegetable consumption on health

Kerri Hert MS, Health, Nutrition, & Exercise Sciences, Nutrition and Exercise Science Option, Current Student

Barbara Erlandson MS, Health, Nutrition, & Exercise Sciences, Nutrition and Exercise Science Option, Current Student

***Thesis Project:*** The relationship of coordinated program in dietetics admission criteria

with success on the national registration examination for dietitians

Anna Vannelli MS, Health, Nutrition, & Exercise Sciences, Nutrition Science Option, Current Student ***Paper:*** Effect of evening food composition on pre-breakfast fasting glycemia and overall glucose control in type 1 and type 2 diabetes: A review

Jennifer Theis MS, Health, Nutrition, & Exercise Sciences, Nutrition Science Option, Leave of

Absence

***Thesis Project:*** Effect of concurrent training on blood glucose and dietary intake

Cherise Wry MS, Health, Nutrition, & Exercise Sciences, Nutrition Science Option, Completion Date: May 2009

***Thesis Title:*** Evaluation of the impact of school-based nutrition and physical activity intervention on 5th grade students: On the move to better health

Helen Nyquist MS, Health, Nutrition, & Exercise Sciences, Nutrition Science Option

Completion Date: December 2008

***Thesis Title:*** Promoting healthy eating and exercise through online messages

Lisa Wojahn MS, Health, Nutrition, & Exercise Sciences, Nutrition Science Option

Completion Date: December 2006

***Thesis Title:*** A comparison between nutrient intakes of injured and non-injured collegiate track and field athletes

**POSTDOCTORAL OR OTHER TRAINEES**

Taylor Heck McNair Scholar, Junior in Dietetics Program

Mentoring and training in Nutrition Science Research and Professional Development,

2011-2012

Larissa Myers Pre-Med, undergraduate non-degree seeking student

Training in Nutrition Science Research, 2011-2012

**COURSE TAUGHT**

HNES 250 Nutrition Science

HNES 351 Metabolic Basis of Nutrition

HNES 354 Introduction to Medical Nutrition Therapy HNES 458/658 Advanced Medical Nutrition Therapy HNES 750 Advanced Human Nutrition

HNES 754 Assessment in Nutrition and Exercise Sciences