

Curriculum Vitae

Haiyan Maier, Ph.D., R.D.
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EDUCATION:

Ph.D., Nutrition and Food Science, Florida State University, Tallahassee, FL,
Department of Nutrition, Food, and Exercise Sciences
Graduation date: April 2013

- ❖ **Dissertation:** Nutritional Status and the Relationship of Dietary and Serum Advanced Glycation End-products with Inflammation, Oxidative Stress and Healing of Diabetic Foot Ulcers

M.S., Biological Recognition, Jacob University Bremen, Germany,
Department of Biochemistry
Graduation date: August 2008

- ❖ **Thesis:** Investigation Upon the Stability of Self-assembled Block Copolymer Vesicles and the Incorporation of OmpF

B.S., Environmental Engineering, Tampere Polytechnic, Finland,
Department of Engineer
Graduation date: May 2006

- ❖ **Thesis:** Production of Hydrogen Gas from Waste Water by the Use of *Rhodospirilla sp.*

PROFESSIONAL EXPERIENCE:

Public Health Nutrition Consultant: Florida Department of Health, September 2013-continued

- ❖ Provided nutrition consultation and training to Child Care Food Program (CCFP) contractors and state staff.

Project Coordinator, Florida Department of Health, April 2013-August 2013

- ❖ Monitored research progress and updating progress reports periodically
- ❖ Managed the research dissemination plans
- ❖ Coordinated the Comparative Effectiveness Research (CER) project in between Florida Department of Health, University of Miami, and the Centers for Disease Control (CDC).

Principal Investigator, Florida State University, Jul 2010-Dec 2012

Title: *The Effects of Dietary Intakes on Impaired Diabetic Wound Healing*. Capital Regional Medical Center, Tallahassee Memorial Hospital, Tallahassee, FL

- ❖ Designed and coordinated the research study on diabetic foot ulcer
- ❖ Trained and mentored undergraduate students on performing dietary interviews and data analysis.

Graduate Research Assistant, Dr. Maria T. Spicer, Florida State University,
August 2008 – April 2013

Research focus: Diabetes, Polycystic Ovary Syndrome and obesity

- ❖ Developed manuscripts, presentations, and grant proposals
- ❖ Presented and attended professional conferences
- ❖ Analyzed research data using various software (e.g., SPSS)
- ❖ Led, mentored, and educated undergraduate/graduate students
- ❖ Collaborated with faculty from various disciplines and community organizations/liaisons
- ❖ Provided nutrition counseling services

Course Instructor, Florida State University, Aug 2009 – Apr 2013

Course taught: Science of Nutrition (HUN 1201), Life Cycle Nutrition (HUN 3403),
Foods (HUN 3206), and Foods Lab (HUN 3206L).

- ❖ Developed syllabi, course outline/lectures, quizzes, exams and assignments

Lab Manager, Florida State University, Aug 2010 – April 2013

Manage two laboratories (Foods Lab and Food Science Lab)

- ❖ In charged of inventory, budgeting and purchasing
- ❖ Designed experiments and supervised teaching assistants

Treasurer/Secretary, Graduate Student Advisory Council;

College of Human Sciences, Florida State University, August 2010- April 2011

- ❖ Developed leadership and teamwork skills with other officers
- ❖ Organized and arranged meetings for graduate students
- ❖ In charged of food drive and other activities

Student attendee, Institute of Food Technologists Annual Meeting; Anaheim, CA,
Jun 2009

Student attendee, Mary Frances Picciano Dietary Supplement Research
Practicum, The office of Dietary Supplements at the National Institutes of Health
(NIH), Bethesda, MA, Jun 2012

PROFESSIONAL SKILLS

- ❖ The food Processor Software (ESHA Research)
- ❖ Statistical software: SPSS and SAS
- ❖ Microsoft Office software: Word, Excel, PowerPoint, Publisher, and Access
- ❖ Fluent in Mandarin Chinese

PUBLICATIONS AND PRESENTATIONS

Maier HM, Ilich JZ, Kim JS, and Spicer MT. Nutrition supplementation for diabetic wound healing: a systemic review of current literature. *SKINmed Dermatology for the Clinician*. 2013 Jul 11 (4): 225-2

Maier HM, Ilich JZ, Kim JS, Levenson CW, Arjmandi BH, Spicer MT. Dietary Advanced Glycation End-Products Exacerbate Oxidative Stress in Patients with Diabetic Foot Ulcers. *Journal of Diabetes Research & Clinical Metabolism*. In press 2013

Maier HM, Arjmandi BH, and Spicer MT. The Relationships of Dietary and Serum Advanced Glycation End-products with Inflammation and Oxidative Stress in People with Diabetes Mellitus. *Experimental Biology 2013*, Boston, MA. (Oral)

Maier HM and Spicer MT. Dietary Advanced Glycation End-products intake of patients with Diabetic Foot Ulcers. *Experimental Biology 2012*, San Diego, CA. (Poster)

Maier HM and Spicer MT. Metabolic and Hormonal Differences between Women with and without Polycystic Ovary Syndrome (PCOS). *Florida Dietetic Association 75th Annual Symposium (2010)*, Orlando, FL. (Poster)

AWARDS AND HONOARABLE MEMBERSHIP:

- ❖ Golden Key Honor Society (Scholarly Membership), 2009-2013
- ❖ Jean A. Reutlinger and Lillian H Munn Scholarship Recipient, 2009
- ❖ Dissertation Research Grant Recipient, 2012
- ❖ Graduate Student Advisory Council Presentation Program Travel Award Recipient, 2013
- ❖ Dissertation Award Program Recipient, 2013
- ❖ American Diabetes Association, 2011-present
- ❖ American/Florida Dietetic Association, 2009-present