

# Jennifer Bean, MS, RDN, LD

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**PROFESSIONAL OBJECTIVES:** To elevate and advance the dietetics profession by developing innovative experiences and creating an environment that facilitate the individual student's growth and application of evidence-informed nutrition principles in the pursuit of life-long learning.

To contribute to the growing body of knowledge of vitamin D and absorption while gaining experience in all aspects of fundamental research as a doctoral student in the Nutrition and Exercise Physiology nutrition area graduate program.

<b>EDUCATION:</b>	University of Missouri—Columbia Columbia, Missouri 2002-2004 Master of Science Nutrition Area Program	University of Missouri—Columbia Columbia, Missouri 1998-2002 Bachelor of Human Environmental Science Medical Dietetics Magna cum Laude
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**LICENSURE:** State of Missouri

## PROFESSIONAL WORK EXPERIENCE:

University of Missouri:

Assistant Teaching Professor *May 2014 - current*  
Adjunct Instructor *August 2004 - May 2006; January 2009 - May 2014*  
Research Associate/Dietitian *August 2010 - June 2013*  
Senior Research Technician *March 2005 - May 2006*  
Graduate Research Assistant *August 2002 - July 2004*  
Research/Lab Technician *August 2001 - July 2002*  
Campus Dining Services Student Assistant/Manager *August 1998 - May 2001*

University Hospital and Clinics

Clinical Dietitian *May 2006 - April 2008*

Moberly Regional Medical Center

Clinical Dietitian (PRN) *February 2002 - August 2017*

The Verve Industries

Medical Transcriptionist *November 2006 - May 2009*

HDS Services/Villa Marie Skilled Nursing Facility

Clinical Dietitian and Assistant Director of Dining Services *August 2004 - May 2006*

## TEACHING EXPERIENCE AND RELATED COURSE WORK

Dietetics Simulation Coordinator (All SPE courses) Fall, Spring, Summer—*current*

Plan and implement simulation in dietetics curriculum for the University of Missouri- Coordinated Program in Dietetics. Incorporated simulation to increase student confidence in dealing with complex situations in a safe environment without compromising patient safety. Participated in designing and testing simulation modules to educate and train students to perform as competent RDN's (Medical Nutrition Therapy Simulations by SeAnne Saffii-Waite). Provide set up and design support for NEP colleagues using simulation facilities in NEP PAW facility. Efforts publicized in the July 2018 issue of Today's Dietitian article Using Simulation in Dietetics Education by Christen Cupples Cooper.

Nutrition Assessment Supervised Practical Experience (NEP 3360) Fall—*current*

Supervised practice to develop skills in screening individuals for nutrition risk; use of dietary, anthropometric, laboratory, clinical and sociocultural criteria to assess nutritional status of individuals.

Medical Nutrition Therapy I (NEP 4370/7370) Spring—*current*

In-depth study of physiological/biochemical changes in selected disease states (cardiovascular disease, rehabilitation, diabetes and cancer); development of principles underlying nutrition therapy.

Medical Nutrition Therapy I Supervised Practical Experience (NEP 3370)—*current*

Practice and application of principles of nutrition care for selected disease states. In addition to classroom activities, coordinate clinical rotations with preceptors in area hospitals and clinics.

Medical Nutrition Therapy II (NEP 4380/7380) Fall—*current*

Evaluation, design and monitoring of the nutrition care of complex health disorders such as renal disease, trauma, and multi-system organ failure; emphasis on nutrition support (enteral and parenteral nutrition).

Medical Nutrition Therapy II Supervised Practical Experience (NEP 7381) Fall—*current*

Practice in the nutrition care of complex health disorders with emphasis on nutrition support. In addition to classroom activities, coordinate clinical rotations with preceptors in area hospitals and clinics.

Medical Nutrition Therapy III (NEP 8380) Spring online—*current*

- In-depth investigation into clinical conditions primarily affecting infants and children. Preparation of a mock position and accompanying practice paper in the style of the Academy of Nutrition and Dietetics.
- Teaching and Counseling Techniques Supervised Practice (NEP 3400) Summer—*current*  
Application of health and nutrition education and practice in behavior change. In addition to classroom activities, coordinate with community partners and colleagues to schedule over 20 internship and simulation hours.
- Nutrition Through the Lifespan (NEP 2450) Spring, Summer online—*current*  
Nutritional requirements, challenges, community nutrition programs, and eating patterns throughout the life span with emphasis on health promotion and disease prevention; Role of beliefs, culture, socio-psychological influences, and economic resources in food selection and nutrition/health status.
- International Nutrition and Exercise Physiology (NEP 3131) Summer—*current*  
Immersion into the Florentine community to explore, experience, and investigate food, health, fitness, and culture
- Diet Therapy (NEP 2380) Fall, Spring—2004-2006, 2013-2014  
Principles underlying normal nutrition and diet for health and disease.
- Nutrition Assessment (NEP 4360/7360) Fall—2013  
Introduction to the nutrition assessment process. The identification of dietary, anthropometric, laboratory, clinical and sociocultural parameters used to assess nutritional status of individuals.
- Food Service I Supervised Practical Experience (NEP 3290) Spring—2012-2014  
Clinical instructor. A practicum designed to expose the student to concepts of quantity food production, evaluation of products and resources, personnel administration and application of food microbiological principles.
- Community Nutrition (NEP 4590/7590) Summer—2013-2016  
Public health nutrition and chronic disease prevention, food security, nutrition programs and food access, public policy, sustainable agriculture and food production systems, cultural food practices, needs assessment.
- Missouri Bariatric Services—2006 – 2008  
Present ancillary staff portion of the patient education seminars bi-monthly. Coordinate and lead preoperative education and therapy sessions multiple times weekly. Develop and present monthly support group material centered on healthy food choices.

## **PROFESSIONAL ACTIVITIES:**

### **PRESENTATIONS**

- Spring Nutrition and Health Meeting  
May 2019  
Our Journey in Simulation: Bridging the Gap Between Classroom and Clinical Experience
- Association of Standard Patient Educators Annual Conference  
June 2018  
Innovations in Dietetics Education: The New Kids on the Block  
Poster presentation
- Joint Meeting of the Association of Nutrition Department & Programs and Council for Food Science Administration Meeting  
October 2017  
Incorporating Simulation in Dietetics Education: University of Missouri-Coordinated program in Dietetic: Our journey in Simulation and Application Incorporating Simulation – Bridging the gap between classroom and clinical experience.
- Food and Nutrition Conference and Expo Preconference Workshop  
October 2017  
Innovations in Education: Utilizing Dietetics Simulation for Clinical Experience  
Session # 486
- Missouri State WIC Department  
July 2017  
Maximizing Nutrition During the WIC Lifecycle
- July 2016, July 2015  
“Nutrition for Infants, Children and Women in Childbearing Years”
- July 2016  
“Advanced Nutrition for Infants, Children and Women in Childbearing Years”
- Hayes Kansas Medical Center In-service  
November 2007  
“Promoting Patient Sensitivity”
- UMHC In-service  
March/April 2007  
“Promoting Patient Sensitivity”
- Nutritional Sciences Research Seminar Series  
May 2004  
“No Bones About It: Do the effects of soy supplementation during lactation amount to a hill of beans?”

### **PUBLICATIONS**

*The Missouri Food Pantry Nutrition Improvement Project [Poster presentation at the Society for Nutrition Education and Behavior 2014 Annual Conference in Milwaukee, WI, June 28 – July 1, 2014].* Journal of Nutrition Education and Behavior 46:4S, S199.

*Nutrition Throughout the Lifespan.* [E-reader] Great River Technologies. ISBN: 978-1-61549-537-5, 2013.

*Effects of Soy Isoflavone Consumption on Bone Structure and Milk Mineral Concentration in Rat Model of Lactation-Associated Bone Loss.* European Journal of Nutrition 48:85-91, 2009.

*Natural and Synthetic Progestins Accelerate 7,12-Dimethylbenz[a] Anthracene-Initiated Tumors and Increase Angiogenesis in Sprague-Dawley Rats* Clinical Cancer Research 12(13): 4062-4071, 2006.

*Comparison of Ribotyping and Repetitive Extragenic Palindromic-PCR for identification of Fecal Escherichia Coli from Humans and Animals* Applied and Environmental Microbiology 69(3):1836-1839, 2003.

#### **AWARDS**

2019 Charlene Scanland-Evert Graduate Research Scholarship in Nutritional Sciences  
2013 Excellence in Education Award

#### **ORGANIZATIONS**

2018 – Present  
Association of Standard Patient Educators

2017 – Present  
American Society for Nutrition

2016 – Present  
AND Medical Nutrition Therapy Practice Group

2011 – Present  
Academy of Nutrition and Dietetics

2011 – Present  
Missouri Dietetics Association

2007-2009  
American Society of Metabolic and Bariatric Surgery

#### **POSITIONS & APPOINTMENTS**

2018 – Present  
Traffic and Parking Appeals Committee

2016 – 2018  
Capital Review Committee  
University of Missouri—Columbia

2016 – 2018  
Nominating Committee chair (2017/18)  
Nominating Committee member (2016/17)  
Central Missouri Dietetics Association

2013 – Present  
Coordinated Program Committee  
Department of Nutrition & Exercise Physiology; University of Missouri—Columbia

#### **VOLUNTEER ORGANIZATIONS**

2007 – Present  
CoMo Derby Dames (Women's Flat Track Derby Association League)  
Treasurer 2011 – 2012  
Sponsorship and Revenue Committee Chair 2009 – 2010, member 2018 - present  
Head Coach 2008  
Coaching Committee 2015 – 2017  
Events Committee 2007, 2013 – 2014