

CURRICULUM VITAE

Jennifer Gilman

March 9, 2010

EDUCATION

Doctor of Philosophy, Cellular Nutrition	July, 2006
University College Cork	Cork, Ireland
Post-doctoral, Experimental Radiation Oncology	October, 2007
University of California at Los Angeles	Los Angeles, California
Bachelor of Science, Microbiology & Cell Science	May, 1999
University of Florida	Gainesville, Florida
Bachelor of Science, Human Nutrition with Chemistry Minor	May, 1999
University of Florida	Gainesville, Florida

EMPLOYMENT HISTORY

Visiting Clinical Instructor	Years Employed 2009 – Present
Texas Woman's University	Denton, TX

Taught undergraduate Nutrition & Dietetic BSc degree students. Taught Food Microbiology & Food Microbiology laboratory sessions for undergraduate BSc degree students. Assisted with the Online Masters Degree Program.

State Critical Infrastructure Planner IV

Years Employed 2008 – 2009

Florida Department of Law Enforcement

Tallahassee, FL

Designed a brochure explaining what FDLE is doing to secure Florida's Critical Infrastructure (CI) and Key Resources (KR). Created a Guidebook for the regional CI Planners. Chaired monthly meetings with the regional CI Planners and the CI Unit. Liaised between different departments, cities, states, and the Federal Government. Developed SOP for the Automated Critical Asset Management System (ACAMS). Implemented protocols and established new ones. Organized and assessed all the training for the State CI Unit. Coordinate with the Regional CI Planners, DHS, and State Departments regarding assessments of facilities. Responsible for all Airport Security Plans being disseminated to the appropriate regions. Assisted with Tier Data Calls and Special Events Data Calls for DHS. Monitor BusinessSafe e-mails and messaging alerts.

Postdoctoral Fellow

Years Employed 2006 – 2007

University of California Los Angeles

Los Angeles, CA

Awarded a Postdoctoral Surgical Oncology Fellowship. Duties include maintaining cell lines and animal colonies, experiential design of tissue culture and animal studies, assisting/supervising graduate students, writing grant proposals, and presentation of work at national conferences. Worked on the Department of Defense U-19 Grant looking for radio-protectors for first responders using transgenic murine model and high-throughput tissue culture assays.

PhD Research

Years Employed 2001-2006

University College Cork

Cork, Ireland

Involved in a European Union funded multi-center, multidisciplinary project. The research focused on bone metabolism and the relationship between tumor necrosis factor-alpha (TNF- α), probiotics and fish oil on intestinal calcium absorption in people with inflammatory bowel disease (IBD). The over all aim of the research was to better understand the underlying mechanisms that affect IBD patients. Presentation of work at national and international conferences.

Postgraduate Researcher

Years Employed 2001-2004

University College Cork

Cork, Ireland

Taught computer skills, including Microsoft Office© to undergraduate BSc degree students. Supervised laboratory sessions for undergraduate BSc degree students; topics included: lab safety, body composition, dietary intakes, and National Food Balance Studies. Acted as an invigilator for final examinations.

Surgical Pathologist Technician

Years Employed 2000-2001

Ameripath

Clearwater, Florida

Worked in Pathology Department giving an oral description, inking, and sectioning Histology specimens. Assisted in the Specimen Processing Department by logging in the specimens, and in the Histology Department by processing Cytology specimens with the thin-prep machine and assembling cell blocks.

Radiology/Laboratory Intern

Years Employed 1992-1993

Palms of Pasadena Hospital

Pasadena, Florida

Assisted doctors in attending to patients on rounds; supported in the Department of Histology, the Blood Bank and the Specimen Laboratory in preparing specimens, samples and equipment for testing.

DISSERTATION

“Nutritional Determinants of Calcium and Bone Metabolism in Inflammatory Bowel Disease”

June 2006 - University College Cork

Thesis Advisor – Dr. Kevin Cashman

TEACHING

Courses Taught at TWU - Spring 2010

NFS – 2343 Nutrition Family & Child

NFS – 2033 Food Microbiology

NFS – 2031 Food Microbiology Lab

NFS – 3173 Culture & Food

Courses Taught at TWU - Fall 2009

NFS – 2013 Personal Nutrition

NFS – 2033 Food Microbiology

NFS – 2031 Food Microbiology Lab

NFS – 2323 Intro to Nutrition

NFS – 3033 Nutrition thru the Life Cycle

PUBLICATION & PRESENTATIONS OF RESEARCH FINDINGS

1. Kelly O.J., Gilman J.C. & Ilich J.Z. (2009) Fat and Bone Connection: Adipocyte and Osteoblast Metabolism and Regulation by Dietary Polyunsaturated Fatty Acids. Journal of Nutrition. Submitted.
2. Gilman J.C. & Cashman K.D. (2007) The effect of marine oil-derived n-3 fatty acids on transepithelial calcium transport in Caco-2 cell models of healthy and inflamed intestines. British Journal of Nutrition 97, 281-288
3. Kim K, McDonald T, & Gilman J (2006) High throughput screening of chemical libraries to search for radio-protectors of the immune system. Presented at the UCLA Symposium on Countermeasures Against Radiation Damage 20-21st October, 2006 in Riverside, California.

4. Gilman J.C., Shanahan F. & Cashman K.D. (2006) Determinants of vitamin D status in adult Crohn's disease patients, with particular emphasis on supplemental vitamin D use. *European Journal of Clinical Nutrition* 60, 889-896.
5. Gilman J.C., Shanahan F. & Cashman K.D. (2006) Altered levels of biochemical indices of bone turnover and bone-related vitamins in patients with Crohn's disease and ulcerative colitis. *Alimentary Pharmacology and Therapeutics* 23, 1007-1016.
6. Gilman J.C. & Cashman K.D. (2006) The effect of probiotic bacteria on transepithelial calcium transport and calcium uptake in human intestinal-like Caco-2 cells. *Current Issues in Intestinal Microbiology* 7, 1-6.

PRESENTATIONS AT PROFESSIONAL MEETINGS

Kim K, McDonald T, & Gilman J (2006) High throughput screening of chemical libraries to search for radio-protectors of the immune system. Presented at the UCLA Symposium on Countermeasures Against Radiation Damage 20-21st October, 2006 in Riverside, California.

Gilman J (2004) The effect of probiotic bacteria on transepithelial calcium transport and calcium uptake in human intestinal-like Caco-2 cells . Presented at The Nutrition Society Conference on March, 2004 in Coleraine, Northern Ireland

HONORS, GRANTS & FELLOWSHIPS

Postdoctoral Surgical Oncology Fellowship - UCLA 2006

SERVICE ACTIVITIES FOR THE UNIVERSITY, COLLEGE, COMPONENT

Internal Guest Presentation – “Gut Microflora & Obesity” September 25, 2009

PROFESSIONAL MEMBERSHIPS

1. The Nutrition Society – Registered Nutritionist