

## **Johanna T. Dwyer, DSc, RD**

Director, Frances Stern Nutrition Center New England Medical Center

Professor, Tufts University Medical School/Tufts University School of Nutrition

Sr. Scientist, Jean Mayer/USDA Human Nutrition Research  
Center on Aging, Tufts Univ.

Scientific Council, Dannon Institute

### **Education**

D.Sc., Nutrition

Harvard School of Public Health

### **Research Focus**

Flavonoids in food and supplements and chronic disease risk; nutrition and quality of life; nutritional risk factors in hemodialysis and kidney disease; and cardiovascular disease prevention; efficacy and use of dietary supplements

### **Academic Appointments**

Professor, Medicine and Community Health, Tufts University School of Medicine

Professor, Gerald J. and Dorothy R. Friedman School of Nutrition Science and Policy at Tufts University

### **Selected Professional Affiliations**

Member, Institute of Medicine, National Academy of Sciences

Member, Board of Trustees, International Life Sciences Institute, North America

### **Board Certification**

Registered Dietitian

Dr. Johanna Dwyer is the Director of the Frances Stern Nutrition Center at New England Medical Center, Professor of Medicine (Nutrition) and Community Health at the Tufts University Medical School, and Professor of Nutrition at Tufts University School of Nutrition. She is also Senior Scientist at the Jean Mayer/USDA Human Nutrition Research Center on Aging at Tufts University. Since mid 2003 until the present Dr. Dwyer is on loan from Tufts University to the Office of Dietary Supplements, National Institutes of Health, where she is responsible for several large projects, including development of an analytically substantiated dietary supplement database and other dietary supplement databases, development of research on the assessment of dietary supplement intake and motivations for their use, and other topics. Dr. Dwyer was the Assistant Administrator for Human Nutrition, Agricultural Research Service, US Department of Agriculture from 2001-2002. Earlier in her career, Dwyer served in the Executive Office of the President as staff for the White House Conference on Food Nutrition and Health of 1969, and again in 1976 for the President's Reorganization Project examining the role of nutrition programs in the federal government. As the Robert Wood Johnson Health Policy Fellow (1980-1981), she served on the personal staffs of Senator Richard Lugar (R-Indiana) and the Hon. Barbara Mikulski (D-Maryland).

Dwyer received her D.Sc. and M.Sc. from the Harvard School of Public Health, an M.S. from the University of Wisconsin, and completed her undergraduate degree with distinction from Cornell University. She is the author or coauthor of more than 170 research articles and 300 review articles published in scientific journals on topics including preventing diet-related disease in children and adolescents; maximizing quality of life and health in the elderly; vegetarian and other alternative lifestyles, and databases for bioactive substances other than nutrients.

She served on the 2000 Dietary Guidelines Committee was a member of the Food and Nutrition Board of the National Academy of Sciences from 1992-2001, was elected a

member of the Institute of Medicine National Academy of Sciences in 1998, and served as Councilor of the Institute of Medicine from 2001-2003. She is currently secretary of the American Dietetic Association Foundation, and editor of Nutrition Today. She is the past President and Fellow of the American Institute of Nutrition, past Secretary of the American Society for Clinical Nutrition, and past President and Fellow of the Society for Nutrition Education. She received the Conrad V Elvehjem Award for public service in 2005 from the American Society for Nutrition Sciences, the Alumni Award of Merit from the Harvard School of Public Health in 2004, the Medallion Award of the American Dietetic Association in 2003, and the WO Atwater award in 1996.

#### **Featured HNRCA Research Publications**

Chao S, Dwyer J, Tennstedt S, Jacques P, and Houser R. **Food and Nutrition Care Indicators (FANCI): Experts' views on quality indicators for food and nutrition services in assisted living facilities for elders.** (in press JADA). 2007.

Prelack K, Dwyer JT, Dallal G, Rand WM, Yu YM, Kehayias JJ, Antoon A, Sheridan RL. **Growth Deceleration and Restoration After Serious Burn Injury.** Journal of Burn Care Research 2007;28(2):262-268.

Tavani A, Spertini L, Bosetti C, Parpinel M, Gnagnarella P, Brovi F, Peterson J, Dwyer J, Lagiou P, Negri E, La Vecchia C. **Intake of specific flavonoids and risk of acute myocardial infarction in Italy.** Public Health Nutrition. 2006;9(3): 369-374.

Couris, R, Tataronis, G, McCloskey, W, Singer, D, Oertel, L, Hughes, R, Dallal, G, Blumberg, J, Dwyer, JT. **Dietary Vitamin K Variability Affects International Normalized Ratio (INR) Coagulation Indices.** International Journal of Vitamin Nutrition. 2006;76(2): 65-74.

Dwyer JT, Larive B, Leung J, Rocco MV, Greene T, Burrowes J, Chertow GM, Cockram DB, Chumlea WC, Daugirdas J, Frydrych A, Kusek JW, for the HEMO Study Group. **Are nutritional status indicators associated with mortality in the Hemodialysis (HEMO) study?** Kidney International. 2005;68: 1-11.

#### **Other Recent Publications**

Andrews KW, Schweitzer A, Zhao C, Holden JM, Roseland JM, Brandt M, Dwyer JT, Picciano MF, Saldanha LG, Fisher KD, Yetley E, Betz JM, Douglass L. **The caffeine contents of dietary supplements commonly purchased in the US: analysis of 53 products with caffeine-containing ingredients.** Analytical and Bioanalytical Chemistry. 2007;389(1):231-9.

Dwyer JT, Holden J, Andrews K, Roseland J, Zhao C, Schweitzer A, Perry CR, Harnly J, Wolf WR, Picciano MF, Fisher KD, Saldanha LG, Yetley EA, Betz JM, Coates PM, Milner JA, Whitted J, Burt V, Radimer K, Wilger J, Sharpless KE, Hardy CJ. **Measuring vitamins and minerals in dietary supplements for nutrition studies in the USA.** Analytical and Bioanalytical Chemistry. 2007;389(1):37-46.

Framson CM, LeLeiko NS, Dallal GE, Roubenoff R, Snelling LK, Dwyer JT. **Energy expenditure in critically ill children.** Pediatric Critical Care Medicine. 2007;8(3):264-7.

Fogli-Cawley JJ, Dwyer JT, Saltzman E, McCullough ML, Troy LM, Meigs JB, Jacques PF. **The 2005 Dietary Guidelines for Americans and insulin resistance in the Framingham Offspring Cohort.** Diabetes Care. 2007;30(4):817-22.

Reaves L, Steffen LM, Dwyer JT, Webber LS, Lytle LA, Feldman HA, Hoelscher DM, Zive MM, Osganian SK. **Vitamin supplement intake is related to dietary intake and physical activity: The Child and Adolescent Trial for Cardiovascular Health (CATCH).** Journal of the American Dietetic Association. 2006 Dec;106(12):2018-23.

Fogli-Cawley JJ, Dwyer JT, Saltzman E, McCullough ML, Troy LM, Jacques PF. **The 2005 Dietary Guidelines for Americans Adherence Index: development and application.** Journal of Nutrition. 2006;136(11):2908-15.

Ng YH, Meyer KB, Kusek JW, Yan G, Rocco MV, Kimmel PL, Benz RL, Beddhu S, Dwyer JT, Toto RD, Eknayan G, Unruh ML. **Hemodialysis timing, survival, and cardiovascular outcomes in the Hemodialysis (HEMO) Study.** American Journal of Kidney Diseases. 2006;47(4):614-24.

Burrowes JD, Larive B, Chertow GM, Cockram DB, Dwyer JT, Greene T, Kusek JW, Leung J,

Rocco MV; Hemodialysis (HEMO) Study Group. **Self-reported appetite, hospitalization and death in haemodialysis patients: findings from the Hemodialysis (HEMO) Study.** Nephrology Dialysis Transplantation. 2005;20(12):2765-74.

Olsen IE, Richardson DK, Schmid CH, Ausman LM, Dwyer JT. **Dietitian involvement in the neonatal intensive care unit: more is better.** Journal of the American Dietetic Association. 2005;105(8):1224-30.

Dwyer JT, Allison DB, Coates PM. **Dietary supplements in weight reduction.** Journal of the American Dietetic Association. 2005 May;105(5 Suppl 1):S80-6.