

## VITAE

### **Kathryn L. McCarthy**

Dept. Food Science & Technology  
Dept. of Biological & Agricultural Engineering  
University of California, Davis CA 95616

#### **Research Interests**

Food engineering; theoretical and experimental evaluation of transport processes in food processing and quality control applications, focus on rheological characterization and mathematical modeling of transport processes of dynamic food systems.

#### **Education**

Ph.D. Engineering, University of California, Davis, CA USA, 1987  
M.S. Food Science, University of California, Davis, CA USA, 1985  
B.S. Chemical Engineering, Michigan State University, E. Lansing, MI USA, 1980

#### **Employment**

Professor of Food Engineering, Department of Food Science & Technology and Department of Biological & Agricultural Engineering, University of California, Davis, CA 2001-2015, Associate Professor of Food Engineering 1995-2001, Assistant Professor of Food Engineering 1988-1995.

Visiting professor, Sabbatical leave from University of California, Davis to Nestle Research Center, Nestec Ltd., Lausanne 26 Switzerland. Academic Year 1996 –97.

#### **Professional Society Memberships**

Institute of Food Technologists -- Professional Member  
American Institute of Chemical Engineers -- Professional Member  
International Society of Food Engineering  
Society of Rheology

#### **Professional Activities**

UC President's Postdoctoral Fellowship Program – Advisory Board member, 2007-2010  
Member of Editorial Boards  
    Journal of Food Science: Food Engineering and Physical Properties (2004-2007)  
    Journal of Food Engineering (1994-2015)  
    Journal of Texture Studies (2003-2011)  
USDA Multistate Research Project NC1023 officer (2005-2007)  
IFT Food Engineering Division chair (2001-02) and officer (2000-2003)

#### **Awards and Honors**

2006 Extraordinary Women Engineers Project; Changing Our World: True Stories of Women Engineers, American Society of Civil Engineers, Reston VA.  
1996 Institute of Food Technologists (IFT) Samuel Cate Prescott Award  
National Science Foundation Presidential Young Investigator Award, 1990-95