

FERRUH ERDOGDU, PH.D.

PROFESSOR OF FOOD ENGINEERING

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Research and Work Experience

Professor of Food Process Engineering (2014 -)
Ankara University, Department of Food Engineering Ankara, Turkey

Trainer at the International School on Modeling and Simulation in Food and Bioprocesses in Naples, Italy (2016 -)
Working with industry on seafood processing, canning, refrigeration and spice pasteurization (2008 -)

Professor of Food Engineering (2011 - 2014)
University of Mersin, Department of Food Engineering Mersin, Turkey

Visiting Scholar, Invited by (Summer of 2019)
Food Science Department – University of Manitoba Winnipeg, Canada

Visiting Scholar, Invited by (Summer of 2013)
SiK – Swedish Institute for Food and Biotechnology Gothenborg, Sweden

Visiting Scholar, Invited by (Summer of 2012)
Leibniz-Institutet für Agrartechnik Potsdam-Bornim e.V. (ATB) Germany

Visiting Scholar (Summer of 2008)
Lund University, Department of Food Engineering Lund, Sweden
Holder of scholarship of Svenska Institutet

Visiting Scholar (Summers of 2002, 2003, 2005 and 2007)
University of California, Biological and Agricultural Engineering Department Davis, CA

Holder of scholarship of NATO-B by TUBITAK-Turkey in 2005.
Post-Doctorate Researcher (Ph.D) (2000 - 2001)
University of California, Biological and Agricultural Engineering Department Davis, CA

Editorial Work

Journal of Food Engineering - Editor (2018 -)
Journal of Food Process Engineering (2003-Present)
International Journal of Food Studies – Associate Editor (2012-2017)
Journal of Food Engineering (2010-2017)

Awards and honors

SWEDISH INSTITUTE SCHOLARSHIP, June – August 2008 Lund University, Department of Food Engineering, Lund, Sweden.

Tübitak NATO BAYG1, June-August 2005. University of California, Davis, CA.

Outstanding Academic Achievement, April 1997, 1998, 1999, 2000. College of Engineering, University of Florida, Gainesville, FL.

Award from graduate student paper competition, Food Engineering Division of the Institute of Food Technologists (IFT), June 1997. Paper: “Development and validation of a mathematical model for cooking of shrimp”.

Recipient of an Academic Scholarship to pursue Masters and Ph.D. degrees in the USA, 1994. Turkish Ministry of National Education, Ankara, Turkey.

Recipient of “Ihsan Dogramaci Supreme Success Award”, 1992. College of Engineering, Hacettepe University, Ankara, Turkey (highest GPD among the graduates).

Education

Ph.D. GPA 3.8/4.0. (1997 - 2000)
University of Florida, Agricultural and Biological Engineering Department Gainesville, Florida

MASTER OF ENGINEERING, GPA 3.9/4.0. (1995 - 96)

University of Florida, Agricultural and Biological Engineering Department Gainesville,
Florida
Minor in Food Science and Human Nutrition

Affiliations

Institute of Food Technologists (IFT) (1995 - Present)
ISEKI Food Association (IFA) (2010 - Present)

Publications

Research Papers in Peer-Reviewed Journals: 70 +

Books: 3

Book Chapters: 20 +

Presentations in international conferences: 150 +

Commercial Software: Singh, R. P., Erdogdu, F., and Mannepperuma, J. 2002. WFLO Software to Estimate Freezing Times: Industrial Scale Food Freezing Simulation Software.V. 3.0.

Patents

[Spice pasteurization unit](#) - Publication no: WO/2011/093830
International publication no: PCT/TR2011/000035