

J Chance Brooks, Ph.D.
Texas Tech University
Department of Animal and Food Sciences
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EDUCATION

Texas A&M University

- Doctor of Philosophy in Meat Science – 2000

Texas Tech University

- Master of Science in Meat Science – 1997
- Bachelor of Science in Animal Science – 1994

CURRENT POSITION

2009 – Present Associate Professor of Meat Science, Texas Tech University

PREVIOUS EXPERIENCE

2003 – 2009 Assistant Professor of Meat Science, Texas Tech University

2000 – 2002 Assistant Professor of Meat Science, Oklahoma State University

1999 Graduate Lecturer, Texas A&M University.

MEMBERSHIP IN PROFESSIONAL AND HONORARY SOCIETIES

Professional:

1. American Society of Animal Science
2. American Meat Science Association

Honorary:

1. Gamma Sigma Delta

AWARDS

- Texas Tech University Teaching Academy Recognition of Meritorious Teaching; 2011
- American Meat Science Association Distinguished Teaching Award; 2011
- Texas Tech President's Excellence in Teaching Award; 2011
- American Society of Animal Science – Southern Section, Outstanding Young Animal Scientists Award – Research; 2011
- American Society of Animal Science – Southern Section, Outstanding Young Animal Scientists Award – Education; 2011
- North American Meat Processors Association's Harry L. Rudnick Educator's Award; 2008
- Texas Tech Alumni Association New Faculty Award; 2007
- American Meat Science Association Achievement Award; 2006

PATENTS and PATENT APPLICATIONS

1. Christine Alvarado, J Chance Brooks, Mindy M Brashears, M Todd Brashears, Gianfranco Coccoli, Pierluigi Sapelli, Mario Piazza, Stefania Franzoni, Federico Felappi, and Nicola Tolettini. Filed: 8/28/2007. Method and System for Preserving Food. United States Letters Patent, Serial No. 60/968,411.
2. Don Stull, J Chance Brooks, Mindy M Brashears, M Todd Brashears, Christine Alvarado, and David Sharbutt. Microwave Disinfection and Sterilization. Publication No. US-2011-0014331-A1. Publication date: 1/20/2011. Application No. 12/837,257
3. J Chance Brooks, Mindy M. Brashears, and Gary L. Nace. Laboratory Method and Experimental Specimen for Validating the Efficacy of Antimicrobial Agents on Bovine Carcasses. Provisional

RESEARCH FOCUS

Meat Packaging

- Shelf life
- Post-harvest food safety interventions

Value-Added Meat Products

- Quality and Palatability
- Product enhancement/marination
- Underutilized beef muscles for novel steak and roast cuts

RESEARCH ACTIVITIES (50% Appointment)

Total funding (J Chance Brooks funding) = \$12,616,424 (\$2,970,342)

Referred Journals: 60 published, 5 in press

Abstracts: 102

Presentations and Lectures: 52

Proceedings: 13

Technical reports: 10

Other publications: 9

GRADUATE STUDENT ADVISEMENT

Completed:

Chaired: 12

Co-Chaired: 4

Committee member of: 36

In Progress:

Post-Doctoral: 2

Chair: 3

Committee member of: 11

TEACHING ACTIVITIES (50% Appointment)

ANSC 2202 – Anatomy of Domestic Animals. 2 laboratory credits.

ANSC 3403 – Selection, Care, Processing and Cooking of Meat. 4 credits.

ANSC 4404 – Processed and Cured Meat Science. 4 credits.

ANSC 5100 – Graduate Seminar in Agriculture. 1 credit.

ANSC 5405 – Advanced Processed and Cured Meat Science. 4 credits.

SERVICE

American Meat Science Association (member since 1996)

Distinguished Teaching Award Committee, 2001 – 2003; 2011- present

American Society of Animal Science – Southern Section

Young Animal Scientist Education Award Committee, 2011 – present

Young Animal Scientist Research Award Committee, 2011 - present

Texas Tech University & College of Agricultural Sciences and Natural Resources

Humane Handling Compliance Committee, chair, 2012 - present

Equine Field Safety Team for TTU Masked Rider program, 2007 – present

Mediation Committee, member, 2009 – present

Community

Co-Adult Leader for Blarney Stone 4-H Club, 2010 - present.