

Name and Area of Specialization

**J Chance Brooks, PhD
Meat Science/Food Science**

In 250 words or less explain the nature of your research

My area of expertise is best defined as Meat Quality and Safety. The meat quality research conducted in our laboratory has focused on beef tenderness and flavor; meat color and stability during storage; and the nutritive value of meat. Past meat safety research has focused on pre- and post-harvest food safety interventions and surveys of pathogen prevalence. Current research efforts will focus on spoilage bacteria and their role in meat quality, flavor and shelf life.

Do you accept undergraduates into you lab for research

Yes No

Are you currently accepting undergraduates into your lab

Yes No

Do you offer pay to undergraduate researchers

Yes No **Depends (Explain: depends on fund availability)**

What is the undergraduate's role?

Part of a team Work independently **Both**

Other (Explain:)

How many hours/wk do you expect student to be in lab

5 to 20 hours per week

In 250 words or less, what are your expectations for an undergraduate researcher:

Interest/Passion; desire to learn; prompt; exceptional attendance; reliable; independent thought; work well with others; courteous; respectful; obedient; safe; character; integrity; morally sound; sense of humor; hard worker; capable of standing and/or sitting for long periods of time; capable of lifting up to 50 lbs; manual dexterity; transportation to/from work; capable of obtaining permission to

drive university vehicles; capable of obtaining the necessary certificates/ credentials to work in the laboratory.

Will Students be included in presentations and/or publication if they meet expectations?

Yes **No**

Do you have any course prerequisites before students are accepted in your lab?

No

How do you prefer for students to contact you to inquire about working in your lab?

Email (chance.brooks@ttu.edu) to set up an appointment.