

Undergraduate Research and Mentoring in New Biology

Outdoor weather characterization for a swine transport assessment

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Animal transportation requires that we consider the benefit and the safety of the animals and people involved, including the containment of the spread of animal carried diseases, decrease of animal stress, and increase in trip survival. It also requires the humane treatment of animals. Since pork is the most widely consumed meat in the world, and there are no laws or regulations that state when and how pigs can be transported, the National Pork Board recognizes that problems continue to occur during transport and supports research to correct the issue. In this research project we explore if external trailer conditions during pig road transportation correlate with ASHRAE annual records. Supported by The Undergraduate Research and Mentoring in New Biology program, NSF award #1041233.