Distinguished Undergraduate Research Presentations
Department of Animal and Veterinary Sciences

Friday, March 20, 2015
3:00-5:00 p.m.
Terrill Building, Room 108

3:00 Mia Cosentino
Mentor: Julia M. Smith, DVM, PhD
“Survey of calf management practices on Vermont dairy farms.”

3:15 Samantha Monck
Mentor: David Kerr, PhD
“Reliability of whole blood as a means of monitoring LPS response in bovines: A comparison to the use of fibroblasts and blood monocytes.”

3:30 Emily Egolf
Mentor: Jana Kraft, PhD
“Delineating the effects of pasture diversity on the fatty acid composition of bovine milk.”

3:45 Korin Eckstrom
Mentor: John Barlow, DVM, PhD
“Evaluating the use of cDNA amplicon next-generation sequencing in the identification of bovine major histocompatibility complex (MHC) class I molecules: A comparison of current platforms.”

4:00 Suzie Stephenson
Mentor: John Barlow, DVM, PhD
“Duration of adenovirus and foot and mouth disease virus neutralization following vaccination of Holstein Cattle.”

4:15 Joe Marchell
Mentor: John Barlow, DVM, PhD
“Staphylococcus aureus strains with antibacterial activity against coagulase-negative staphylococci isolated from Vermont dairy farms.”

4:30 Mandy Erdei
Mentor: John Barlow, DVM, PhD
"Diversity of staphylococci isolated from flies on dairy farms in Vermont”.

4:45 Samantha D’Amico
Mentor: John Barlow, DVM, PhD
"Staphylococci phenotypes and genotypes are associated with different sources on a dairy farm.”