Lizzette D. Cambron

4780 Timber Parkway S, #309
Fargo, ND 58104
(773) 818-5863
liz.cambron@ndus.edu

Education

North Dakota State University, Fargo, ND **2014-Present**
Cellular and Molecular Biology PhD Program

Aurora University, Aurora, IL **2009- 2013**
B.S. Health Science
Minors: Biology & Chemistry

Honors and Achievements

Biological Sciences Grad Student Assoc. Travel Award	2017
NSF Graduate Research Fellowship Program Recipient	2016
NSF Graduate Research Fellowship Program Honorable Mention	2015
Southern Regional Education Board Doctoral Scholar Award	2014
Aurora University Spartan Fellow: Human Resources	2013
Aurora University Senior Award	2013
G. Robert & Marguerite H. Ball Memorial Scholarship	2012
Aurora University Opportunity Grant	2011
ACI Michelle/Peter Willmott Scholarship	2011
Ivy Leaf Award	2010
Aurora Hispanic Heritage Advisory Board Scholarship	2010
Aurora University Honors Program	2009
United States Hispanic Leadership Institute Scholarship	2009
Phi Eta Sigma National Honors Society	2009
Road to Success Study Abroad Scholarship	2009

Publications

Booth,K., Cambron,L., Fisher,N., Greenlee,K. 2015. Immune defense varies within an instar in the tobacco hornworm, *Manduca sexta*. Physiological and Biochemical Zoology 88(2): 226-236. DOI: 10.1086/680054

Presentations

"Insulin signaling during immune challenges: Friend or Foe?", 2017 Asa Fitch Symposium, Poster Presentation, Fargo, ND, Regional

"Insulin signaling during immune challenges: Friend or Foe?", 2017 Experimental Biology, Poster Presentation, Chicago, IL, National

"The not-so hungry, hungry, caterpillar: Sickness-induces anorexia in *Manduca sexta"*, 2017 Northern Plains Biological Symposium, Oral Presentation, Grand Forks ND, Regional

"Novel function of insulin-like peptides: Signaling in sickness-induced anorexia (SIA)", 2016 Frontiers in Biomedical Research Symposium, Poster Presentation, Fargo, ND, Regional

"Novel function of insulin-like peptides: Signaling in sickness-induced anorexia (SIA)",

2016 Northern Plains Biological Symposium, Poster Presentation, Fargo, ND, Regional

Graduate Student panel, Solving Real Problems: An Interdisciplinary Celebration of Research, Oral Presentation, Fargo, ND, local

"Novel Function of Insulin-Like Peptides: Signaling in Sickness-Induced Anorexia (SIA)", 2016 Solving Real Problems: An Interdisciplinary Celebration of Research, Poster Presentation, Fargo, ND, local
"Negative effects of high-fat diets on growth in *Manduca sexta*", 2016 Northern Plains Biological Symposium, Oral Presentation, Fargo, ND, Regional

"Novel function of insulin-like peptides: Signaling in sickness-induced anorexia (SIA)", Experimental Biology 2016 Conference, Poster Presentation, San Diego, CA, National

"Effects of high-fat diet on development in *Manduca sexta*", Entomological Society of America, 2015 Synergy for Science Meeting, Poster Presentation, Minneapolis, MN

"Negative effects of high fat diets on *M.sexta* growth rate", Mayo Clinic Metabolomics Symposium Meeting, Poster Presentation, Rochester, MN

"Effects of bacterial infection on the development of *Manduca sexta*", REU: Research in the Prairies Poster Symposium, Poster Presentation, Fargo, ND

"An investigation of the effects of 150V DC current on Wisconsin Fast Plants", 9th Annual Undergraduate Research Conference, Poster Presentation, Aurora, IL

"Latino children and diabetes", 8th Annual Undergraduate Research Conference, Poster Presentation, Aurora, IL

Research Experience

Research Assistant, Greenlee Lab, NDSU **2015-Present**
Effects of Insulin-like Peptides (ILP) in Manduca sexta during Sickness-Induced Anorexia (SIA) -Advisor Dr. Kendra Greenlee

Research Assistant, Greenlee Lab, NDSU **2014**
Effects of high-fat diet on growth rate in *Manduca sexta*-Advisor Dr. Kendra Greenlee

Research Experience for Undergraduates, NSF Research in the Prairies **2013**
Effects of bacterial infection on development of *Manduca sexta*-Advisor Dr. Kendra Greenlee

Independent Study, Aurora University **2012-2013**
Antibiotic Resistance-Advisor Dr. Mark Zelman

Honors Program, Aurora University **2010-2012**
Junior Honors Project
The risk of Latino children for diabetes.

Research & Writing Methods in the Natural Sciences, Aurora University **2011**
An Investigation of the Effects of 150V DC Current on Wisconsin Fast Plants-Course Research Project-Advisor, Dr. Sharon Miller

Professional Service

American Society for Biochemistry and Molecular Biology **2014- Present**
Graduate student member

American Physiological Society **2014- Present**
Comparative and Evolutionary Physiology Section
Graduate student member

Entomological Society of America **2015- Present**
Graduate Student member

American Association of University Women-Fargo Moorhead **2014- Present**
Membership Committee, NDSU Student Liaison, Book Sale Co-Chair, Treasurer

Biological Sciences Graduate Student Association **2015-Present**
Member

Relevant Skills and Certifications

***** ILR-5: English & Spanish.
***** NIH Ethical and Regulatory Aspects of Human Subjects Research Certification