

Jerreme J. Jackson, Ph.D.

Department of Biology
University of Northern Iowa
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Education

- 2008-2015 **Doctor of Philosophy**, Life Sciences (Genome Science & Technology concentration)
University of Tennessee, Knoxville, TN
Dissertation Title: Characterization of the role of α -arylphorin in the *Heliothis virescens*
midgut response to Cry1Ac toxin from *Bacillus thuringiensis*
Mentor: Juan Luis Jurat-Fuentes, Ph.D.
- 1998-2002 **Bachelor of Science**, Biology (*genetics*)
University of Kansas, Lawrence, KS

Professional Experience

- 2019-Current **Assistant Professor**, Biology
University of Northern, Iowa, Cedar Falls, IA
- 2015-2019 **Postdoctoral fellow**, Microbiology & Molecular Genetics
Oklahoma State University, Stillwater, OK
Project: *Escherichia coli* nutrient acquisition in the mammalian intestine
Mentor: Tyrrell Conway, Ph.D.

Additional Training

- 2005-2008 Lab Technician, Nutrition Technology Department
Hill's Pet Nutrition, Topeka, KS
*Genomic and proteomic analysis of biological samples generated during non-invasive
canine and feline nutritional studies*
- 2003-2005 Scientist I, Product Department
XenoTech L.L.C., Lenexa, KS
*Characterization of cytochrome P450 (CYP) enzymatic activity in animal primary and
immortalized hepatocytes in vitro*

Awards, Honors, and Funding

- 2025 University of Northern Iowa | Student Success and Retention | First Year Student
Advocate
- 2025 UNI Outstanding Teaching Award
- 2025 TAIG-You're-It Award (Transfer Advocacy and Involvement Group)
- 2025 University of Northern Iowa | Student Success and Retention | Second Year Student
- 2024 Graduate Research Award for Student Projects (GRASP) Award to Joseph Lawrence,
\$723 | Evaluating the physiological response of *Enterococcus faecalis* to hemolymph |
Univeristy of Northern Iowa

2023	Intercollegiate Academics Fund (IAF) Travel Award, \$939.30 Jackson Lab to 83 rd Annual Meeting of the American Society of Microbiology (North Central Branch) University of Wisconsin-La Crosse La Crosse, Wisconsin
2023	University of Northern Iowa Faculty Appreciation Night (host: Men's Wrestling)
2023	University of Northern Iowa Student Success and Retention First Year Student Advocate
2023	University of Northern Iowa Student Success and Retention Second Year Student Advocate
2023	University of Northern Iowa Faculty Appreciation Night (host: Women's Basketball)
2022	University of Northern Iowa Pre-Tenure Faculty Grant (\$1,480)
2022	University of Northern Iowa Faculty Appreciation Night (host: Women's Soccer)
2022	University of Northern Iowa Student Success and Retention First Year Student Advocate
2022	University of Northern Iowa Student Success and Retention Second Year Student Advocate
2021	University of Northern Iowa Student Success and Retention Second Year Student Advocate
2021	University of Northern Iowa Faculty Appreciation Night (host: Panther Wrestling)
2020	University of Northern Iowa Student Academic Ambassadors Apple Polisher
2020	University of Northern Iowa Student Success and Retention New Student Advocate
2020	University of Northern Iowa Student Success and Retention Transfer Student Advocate
2019	University of Northern Iowa Graduate College Summer Fellowship
2019	University of Northern Iowa Student Success and Retention New Student Advocate
2019	Roy J. Carver Charitable Trust Enhancing Hands-On Training in Genetics and Genomics
2019	American Society for Microbiology Minority Travel Award
2017-2020	NIH National Institute of General Medical Sciences Supplement to enhance diversity in the scientific research workforce (3R01GM117324-01A1S1)
2017-2018	Oklahoma State University College of Arts & Sciences Distinguished Teaching Award nominee
2017	University of Tennessee 7 th Annual Future Faculty Program
2015	University of Tennessee Graduate Hooding Ceremony Featured Speaker
2012	Entomological Society of America President's Award for Outstanding Display (Physiology, Biochemistry and Toxicology section)
2009-2011	University of Tennessee Program for Equity and Excellence in Research Fellowship

Teaching Experience

- Cell Structure and Function Lecture, BIOL2052-01 | Instructor of record | Fall 2025 | University of Northern Iowa
- Cell Structure and Function Laboratory, BIOL2052-D | Instructor of record | Fall 2025 | University of Northern Iowa
- Research in Biology, BIOL3190-02 | Instructor of record | Fall 2025 | University of Northern Iowa
- Senior Thesis, BIOL3191-02 | Instructor of record | Fall 2025 | University of Northern Iowa
- Independent Study, BIOL4198-02 | Instructor of record | Fall 2025 | University of Northern Iowa
- Research in Biology, BIOL3190-02 | Instructor of record | Summer 2025 | University of Northern Iowa

- Cell Structure and Function Lecture, BIOL2052-01 | Instructor of record | Spring 2025 | University of Northern Iowa
- Cell Structure and Function Laboratory, BIOL2052-C | Instructor of record | Spring 2025 | University of Northern Iowa
- Readings in Biology, BIOL3185 | Instructor of record | Spring 2025 | University of Northern Iowa
- Research in Biology, BIOL3190-02 | Instructor of record | Spring 2025 | University of Northern Iowa
- Senior Thesis, BIOL3191-02 | Instructor of record | Spring 2025 | University of Northern Iowa
- Independent Study, BIOL4198-02 | Instructor of record | Spring 2025 | University of Northern Iowa
- Special Problems in Biology, BIOL6230-02 | Instructor of record | Spring 2025 | University of Northern Iowa
- Research, BIOL6299-02 | Instructor of record | Spring 2025 | University of Northern Iowa
- Honors Thesis, UNIV 4197-10 | Instructor of record | Spring 2025 | University of Northern Iowa
- Cell Structure and Function Lecture, BIOL2052-01 | Instructor of record | Fall 2024 | University of Northern Iowa
- Cell Structure and Function Laboratory, BIOL2052-A | Instructor of record | Fall 2024 | University of Northern Iowa
- Cell Structure and Function Laboratory, BIOL2052-C | Instructor of record | Fall 2024 | University of Northern Iowa
- Research in Biology, BIOL3190-02 | Instructor of record | Fall 2024 | University of Northern Iowa
- Research in Biology, BIOL3190-20 | Instructor of record | Fall 2024 | University of Northern Iowa
- Independent Study, BIOL4198-02 | Instructor of record | Fall 2024 | University of Northern Iowa
- Special Problems in Biology, BIOL6230-02 | Instructor of record | Fall 2024 | University of Northern Iowa
- Research, BIOL6299-02 | Instructor of record | Fall 2024 | University of Northern Iowa
- Honors Thesis, UNIV 4197-1D | Instructor of record | Fall 2024 | University of Northern Iowa
- Cell Structure and Function Lecture, BIOL2052 | Instructor of record | Spring 2024 | University of Northern Iowa
- Cell Structure and Function Laboratory, BIOL2052 | Instructor of record | Spring 2024 | University of Northern Iowa
- Independent Study, BIOL4198 | Instructor of record | Spring 2024 | University of Northern Iowa
- Research in Biology, BIOL3190 | Instructor of record | Spring 2024 | University of Northern Iowa
- Readings in Biology, BIOL3185 | Instructor of record | Spring 2024 | University of Northern Iowa
- Research, BIOL6299 | Instructor of record | Spring 2024 | University of Northern Iowa
- Directed Research, BIOL629R | Instructor of record | Spring 2024 | University of Northern Iowa
- Honors Thesis, UNIV 4197-1G | Instructor of record | Spring 2024 | University of Northern Iowa
- Cell Structure and Function Lecture, BIOL2052 | Instructor of record | Fall 2023 | University of Northern Iowa
- Cell Structure and Function Laboratory, BIOL2052-A & C | Instructor of record | Fall 2023 | University of Northern Iowa
- Research in Biology, BIOL3190 | Instructor of record | Fall 2023 | University of Northern Iowa
- Independent Study, BIOL4198 | Instructor of record | Fall 2023 | University of Northern Iowa
- Research Methods, BIOL6292 | Instructor of record | Fall 2023 | University of Northern Iowa
- Research, BIOL6299 | Instructor of record | Fall 2023 | University of Northern Iowa
- Cell Structure and Function Lecture, BIOL2052 | Instructor of record | Spring 2023 | University of Northern Iowa

- Cell Structure and Function Laboratory, BIOL2052 |Instructor of record | Spring 2023 | University of Northern Iowa
- Independent Study, BIOL4198 |Instructor of record | Spring 2023 | University of Northern Iowa
- Research in Biology, BIOL3190 |Instructor of record | Spring 2023 | University of Northern Iowa
- Readings in Biology, BIOL3185 |Instructor of record | Spring 2023 | University of Northern Iowa
- Special Problems in Biology, BIOL6230 |Instructor of record | Spring 2023 | University of Northern Iowa
- Research, BIOL6299 |Instructor of record | Spring 2023 | University of Northern Iowa
- Cell Structure and Function Lecture, BIOL2052 |Instructor of record | Fall 2022 | University of Northern Iowa
- Cell Structure and Function Laboratory, BIOL2052 |Instructor of record | Fall 2022 | University of Northern Iowa
- Research, BIOL6299 |Instructor of record | Fall 2022 | University of Northern Iowa
- Special Problems in Biology, BIOL6230 |Instructor of record | Fall 2022 | University of Northern Iowa
- Independent Study, BIOL4198 |Instructor of record | Fall 2022 | University of Northern Iowa
- Undergraduate Research In Biology, BIOL3190 |Instructor of record | Fall 2022 | University of Northern Iowa
- Cell Structure and Function Lecture, BIOL2052 |Instructor of record | Spring 2022 | University of Northern Iowa
- Cell Structure and Function Laboratory, BIOL2052 |Instructor of record | Spring 2022 | University of Northern Iowa
- Undergraduate Research In Biology, BIOL629 |Instructor of record | Spring 2022 | University of Northern Iowa
- Independent Study, BIOL4198 |Instructor of record | Spring 2022 | University of Northern Iowa
- Research, BIOL6299 |Instructor of record | Spring 2022 | University of Northern Iowa
- Cell Structure and Function Lecture, BIOL2052 |Instructor of record | Fall 2021 | University of Northern Iowa
- Cell Structure and Function Laboratory, BIOL2052 |Instructor of record | Fall 2021 | University of Northern Iowa
- Undergraduate Research In Biology, BIOL3190 |Instructor of record | Fall 2021 | University of Northern Iowa
- Undergraduate Research In Biology, BIOL3190 |Instructor of record | Fall 2021 | University of Northern Iowa
- Research Methods, BIOL6292 |Instructor of record | Fall 2021 | University of Northern Iowa
- Research, BIOL6299 |Instructor of record | Fall 2021 | University of Northern Iowa
- Readings In Biology, BIOL3185 |Instructor of record | Summer 2021 | University of Northern Iowa
- Cell Structure and Function Lecture, BIOL2052 |Instructor of record | Fall 2020 | University of Northern Iowa
- Cell Structure and Function Laboratory, BIOL2052 |Instructor | Fall 2020 | University of Northern Iowa
- Undergraduate Research in Biology, BIOL 3190 |Instructor | Fall 2020 | University of Northern Iowa
- Independent Study | BIOL 4198 |Instructor of record | Fall 2020 | University of Northern Iowa
- Directed Research | BIOL 629R |Instructor of record | Fall 2020 | University of Northern Iowa

- Cell Structure and Function Lecture, BIOL2052 | Instructor of record | Spring 2020 | University of Northern Iowa
- Cell Structure and Function Laboratory, BIOL 2052 | Instructor | Spring 2020 | University of Northern Iowa
- Readings in Biology BIOL3185 | Instructor of record | Spring 2020 | University of Northern Iowa
- Independent Study | BIOL 4198 | Instructor of record | Spring 2020 | University of Northern Iowa
- Cell Structure and Function Laboratory, BIOL 2052 | Instructor | Fall 2019 | University of Northern Iowa
- Introductory Biology Lecture | Instructor of record | Fall 2017 | Oklahoma State University
- Pathogenic Microbiology, MICR3103 | Guest instructor | Spring 2017, 2016 | Oklahoma State University
- Microbes, Friends or Foes, MICR4053 | Guest instructor | Spring 2016 | Oklahoma State University
- Thornton Athletics Student Life Center | Tutor | Spring & Summer 2014 | University of Tennessee
- Tennessee Louis Stokes Alliance for Minority Participation (TLSAMP), Biology short course | Instructor | Spring 2013 | University of Tennessee
- Organization and Function of the Cell Lab, BIOL140 | TA | Fall 2012 & 2014 | University of Tennessee
- Human Physiology Lab, BCMB230 | TA | Spring & Summer 2012 | University of Tennessee
- Biochemistry I Discussion, BCMB401 | TA | Fall 2011 | University of Tennessee

Mentorship/Student Supervision

University of Northern Iowa – Undergraduate Research Assistants

Naveah Mangrich	Biology	2025
Emily Gockel	Biology	2025
Ashlynn Frush	Biology	2025
Tyler Evans	Biology	2025
Ronin Dennill	Biology	2025
Bella Voigt	Biology	2025
Julia Costello ^H	Biology/3+1 Nursing/Spanish	2024-Present
Meredith Street	Biology	2024-Present
Vivan Veto	Biology	2024-Present
Kiersten Randall ^F	Biology	2024-Present
Elaina Nyen	Biology	2024-Present
Sami Kiefer	Biology	2024-Present
Aleah Johnson	Biology	2024-Present
Jaden Doehrmann	Biology	2024-Present
Mia Schulte ^H	Biology	2024-2025
Josh Sesay	Biology/Environmental Health Sciences	2024
Asia Klingenberg	Biology	2024
Ellie Osterhaus	Biology	2024
Cayden Ellis	Biology	2024
Nick Duncan	Biology	2024
Aubree Blanco	Biology	2024

Mandi Warren	Biology	2024
Nneoma Nnaji	Biology	2024
Olivia Oehlert	Biology	2023-2025
Hayley Welbes	Biology	2023-2025
Geneva Bell	Biology	2023-2025
Joseph Lawrence ^G	Biology	2023-2025
Kayla Minor ^H	Biology	2023-2024
Pat Hurd ^F	Biology	2023-Present
Eleanor Graves ^G	Biology	2021-Present
Abby Riley	Biology	2022-2023
Gabby Champion	Biology	2022
Miranda Devries	Biology	2022
Samantha Heyer	Biology	2021-2023
Emma Carr	Biology	2021
Noah Bond	Biology	2021
Sierra Hill	Biology	2021
Natalie Aird	Biology	2020
Olivia Crouse ^H	Biology	2020-2021
Katelyn Moore	Biology	2019-2020
Ella Whitham	Biology	2019
Garrett Barloon	Athletic training	2019
Blasi Whitehead	Biology	2019
Alex Johnson	Biology	2019-2020
Tyler Huff	Biology	2019

Oklahoma State University - Undergraduate Research Assistant(s) – 24 total

Brooklyn Mossier	Microbiology/Cell & Molec. Biology	2018-2019
Danielle Sedgwick	Microbiology/Cell & Molec. Biology	2018-2019
Aaron Veenis	Biochemistry and Molecular Biology	2017-2019
Abbie Hoehner	Nutritional Science (Allied Health)	2017-2019
Savannah Martin**	Microbiology/Cell & Molec. Biology	2017-2019
Moses Betru	Microbiology/Cell & Molec. Biology	2017-2019
Nicholas Claassen	Microbiology/Cell & Molec. Biology	2017-2019
Matthew Corley§	Microbiology/Cell & Molec. Biology	2016-2019
Ferris Kalidy	Microbiology/Cell & Molec. Biology	2016-2019
Kassidy Ford*	Microbiology/Cell & Molec. Biology	2016-2019
Alisha Beckford§	Biochemistry and Molecular Biology	2015-2019

^FFloyd Scholar, ^GGraduate student, ^HHonors thesis, *Niblack Research Scholar, **Wentz Research Scholar, §HHMI Life Science Freshman Research Scholar, §Freshman Research Scholar

Conference Proceedings

2024	Blanco, A., Hurd, P., Warren, M., Jackson, J. Molecular Mechanisms of <i>E. coli</i> Persistence in the Lepidopteran Midgut Poster 84 th Annual Meeting of the American Society of Microbiology (North Central Branch) Minnesota State University, Mankato Mankato, Minnesota
2024	Welbes, H., Oehlert, O., Doehrmann, J., Duncan, N., Jackson, J. Identification of Insect Hemolymph Factors that Regulate Bacterial Physiology Poster 84 th Annual Meeting of the American Society

- of Microbiology (North Central Branch) | Minnesota State University, Mankato | Mankato, Minnesota
- 2024 Lawrence, J., Nyen. E., Kiefer, S., **Jackson, J.** Evaluating the Physiological Response of *E. faecalis* to Hemolymph| Poster | 84th Annual Meeting of the American Society of Microbiology (North Central Branch) | Minnesota State University, Mankato | Mankato, Minnesota
- 2024 Schulte, M., Randall, K., Minor, K., **Jackson, J.** Evaluating Fungal Adherence Under Alkaline Conditions| Poster | 84th Annual Meeting of the American Society of Microbiology (North Central Branch) | Minnesota State University, Mankato | Mankato, Minnesota
- 2023 Lawrence, J., Oehlert, O., Welbes, H., **Jackson, J.** Evaluating the physiological response of *Enterococcus faecalis* to hemolymph. | Poster | 83rd Annual Meeting of the American Society of Microbiology (North Central Branch) | University of Wisconsin-La Crosse | LaCrosse, Wisconsin
- 2023 **Jackson, J.**, Heyer, S., Bell, G. Sortase-encoding proteins, SrtA and Bps, mediate *Enterococcus faecalis* persistence in the *Helicoverpa zea* gastrointestinal tract. | Poster | 83rd Annual Meeting of the American Society of Microbiology (North Central Branch)| University of Wisconsin-La Crosse | LaCrosse, Wisconsin
- 2019 **Jackson, J.**, Creecy, J., Conway, T. High-Resolution View of Transcriptional Architecture and Promoter Mapping in *Escherichia coli*. | Poster | American Society of Microbiology | San Francisco, CA
- 2018 **Jackson, J.**, Creecy, J., Conway, T. High-Resolution Promoter Mapping in *Escherichia coli* | Poster | American Society of Microbiology | Atlanta, GA
- 2018 Bowen, J., **Jackson, J.**, Conway, T. Characterization of the nitrogen assimilation regulator (*glnG*) role in *Escherichia coli* colonization of the mammalian intestines | Poster | Missouri Valley Branch of the American Society of Microbiology | Kansas City, KS
- 2016 Hietala, L., **Jackson, J.**, Staton, M., Banerjee, R., Stewart, C.N., Jurat-Fuentes, J.L. Development of insecticidal gene silencing for control of kudzu bug, *Megacopta cribraria* | Poster | XXV International Congress of Entomology | Orlando, FL
- 2015 Hietala, L., **Jackson, J.**, Staton, M., Banerjee, R., Stewart, C.N., Jurat-Fuentes, J.L. Development of gene silencing for control of kudzu bug in soybeans | Poster | Entomological Society of America | Minneapolis, MN
- 2013 Jackson, J., Jurat-Fuentes, J.L. Analysis of the role of α -arylphorin in the *Heliothis virescens* midgut response to Cry1Ac toxin from *Bacillus thuringiensis* | Poster | Entomological Society of America | Austin, TX
- 2013 **Jackson, J.**, Jurat-Fuentes, J.L. Testing the role of arylphorin in midgut healing after Cry1Ac intoxication in *Heliothis virescens* larvae | Society for Invertebrate Pathology | Poster | Pittsburgh, PA
- 2012 **Jackson, J.**, Jurat-Fuentes, J.L. Testing the role of arylphorin during midgut healing in response to Cry1Ac intoxication | Poster | Entomological Society of America | Knoxville, TN
- 2012 Knight, V.R., **Jackson, J.J.**, Jurat-Fuentes, J.L. Is nuclease activity limiting successful RNAi gene silencing in *Heliothis virescens* | Poster | Entomological Society of America | Knoxville, TN
- 2010 **Jackson, J.**, Jurat-Fuentes, J.L. Testing alkaline phosphatase from *Heliothis virescens* as a functional Cry toxin receptor | Poster | Society for Invertebrate Pathology | Trabzon, Turkey

Professional Development

- 2024 Getting Started/Communicating with Students in Bb Learn ULTRA | University of Northern Iowa
- 2020 Teaching Online-An Introduction to Online Delivery (TOL) | Quality Matters

University Service

2025 Louis Stokes Alliances for Minority Participation (LSAMP) | Guest speaker (invited)
2024 Louis Stokes Alliances for Minority Participation (LSAMP) | Guest speaker
2023 University of Northern Iowa Legacy Scholars Program | Invited Panelist
2022 University of Tennessee-Oak Ridge Innovation Institute Bredesen Center Featured Alumni
2022 University of Northern Iowa Our Tomorrow Campaign
2022 University of Northern Iowa Legacy Scholars Program | Invited Panelist
2022 University of Northern Iowa Men Of Color Dinner
2022 University of Northern Iowa Jump Start Program | Invited Panelist
2022 University of Northern Iowa Faculty of Color Climate Study
2022 Louis Stokes Alliances for Minority Participation (LSAMP) | Faculty Mentor
2021 University of Northern Iowa Legacy Scholars Program | Invited Panelist
2021 University of Northern Iowa Men Of Color Dinner
2021 University of Northern Iowa Jump Start Program | Invited Panelist
2021 Louis Stokes Alliances for Minority Participation (LSAMP) | Faculty Mentor
2021 Inside UNI (STEM) | Feature faculty written by Andrew Creasey
2020 Louis Stokes Alliances for Minority Participation (LSAMP) | Faculty Mentor
2020 Tour of the Biology Department promotional video
2020 Protecting our Panthers: Covid-19 Training | Video participant
2018 24th Annual Research Symposium for the Oklahoma Louis Stokes Alliance for Minority Participation (OK-LSAMP) | Judge
2018 OSU Microbiology & Molecular Genetics Annual Poster Symposium | Judge
2016 OSU Microbiology & Molecular Genetics Annual Poster Symposium | Judge
2014 UTK Undergraduate Research/Graduate School Retreat | Judge & Panelist

Departmental Service

2025 UNI Pre-Optometry Club | Faculty Advisor

Community Service

2024-Present Unite Academy | Assistant Basketball Coach
2024-Present Unite Academy | Treasurer
2023-2025 Cedar Valley Soccer Club | Head Coach
2021-2023 Cedar Valley Preschool & Child Care Center (CVPCCC) Board of Directors, Member at large
2018 Scientific mentor for Morrison High School student participants in the Oklahoma Regional and State Science and Engineering Fair
2018 Carly Wilbourn | Microbiology Div. | 1st place, Regionals | 1st place, State
2018 Taelur Obure | Biomedical & Health Sciences Div. | 1st place, Regionals
2017 Bethany Hatter | Microbiology & Biochemistry Div. | 1st place, Regionals | 2nd place, State

Peer Review

Frontiers in Cellular and Infection Microbiology
Environmental Entomology
Journal of Insect Science

Professional Memberships

2025-Present American Society for Microbiology | North Central Branch – Vice President
2016-Present American Society for Microbiology

2012-2013 Entomological Society of America
2010-2013 Society for Invertebrate Pathology

Publications

Hurd, P., Veto, V., Bell, G., Jackson, J. KtrB-Mediated Alkaline Adaptation Drives *Enterococcus Faecalis* Persistence in the Gastrointestinal Tract of *Helicoverpa zea*. *Front Microbiol.* 2025. In Press

Jackson, J.J., Heyer S, Bell G. Sortase-encoding genes, *srtA* and *srtC*, mediate *Enterococcus faecalis* OG1RF persistence in the *Helicoverpa zea* gastrointestinal tract. *Front Microbiol.* 2024 Mar 18;15:1322303. doi: 10.3389/fmicb.2024.1322303. PMID: 38562482; PMCID: PMC10982312.

Hurd, P., Blanco, A., Warren, M., Veto, V, Jackson, J. 2025. *Escherichia coli* stress regulation during persistence in the Lepidopteran gastrointestinal tract. Peer Reviewed | *In preparation.*

Jackson, J., Miller, D.L., Perera, O.P., Jurat-Fuentes, J. L. 2024. Mitogenic α -arylphorin affects susceptibility to Cry1Ac toxin from *Bacillus thuringiensis* in *Chloridea virescens*. Peer Reviewed | *In preparation.*

Perera, O.P., Jackson, J., Chen, W., Saha, S., Reddy, G.V.P., Jurat-Fuentes, J. L. 2025. Gene Co-Regulatory Networks Associated with Response to *Bacillus thuringiensis* toxin Cry1Ac feeding in Tobacco Budworm, *Chloridea virescens*. Peer Reviewed | *In preparation.*

Jurat-Fuentes, J. L., Karumbaiah, L., Jakka, S. R., Ning, C., Liu, C., Wu, K., Jackson, J., Gould, F., Blanco, C., Portilla, M., Perera, O. & Adang, M. 2011. Reduced levels of membrane-bound alkaline phosphatase are common to lepidopteran strains resistant to Cry toxins from *Bacillus thuringiensis*. *PLoS One*, 6, e17606. PMC3046977

References

Tyrrell Conway, Ph.D.
Regents Professor and Head, Department of Microbiology and Molecular Genetics
Oklahoma State University
307 Life Science East
Stillwater, OK 74078
Tel: 405-744-6243
Email: tconway@okstate.edu

Juan Luis Jurat-Fuentes, Ph.D.
Professor, Department of Entomology and Plant Pathology
University of Tennessee
370 Plant Biotechnology Building
2505 E. J. Chapman Drive
Knoxville, TN 37996-4560
Tel: 865-974-5931
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Albrecht von Arnim, Ph.D.
Professor, Department of Biochemistry, Cellular and Molecular Biology
Director, Genome Science and Technology
University of Tennessee
M407 Walters Life Science
Knoxville, TN 37996-0840
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USDA-ARS
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Stoneville, MS 38776
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Additional references available upon request