



JENNIFER L. RHINESMITH-CARRANZA, PHD, M-ABFE, T-ABFE, ACE-GFI

EDUCATION

Ph.D. Texas A&M University, Entomology	2022
Dissertation: Smelling, searching, and sabotage: effects of two primary colonizers, <i>Lucilia sericata</i> (Meigen) (Diptera: Calliphoridae) and <i>Nicrophorus vespilloides</i> (Herbst) (Coleoptera: Silphidae), on carrion volatiles and attraction	
B.S. Texas A&M University, Entomology	2013
B.A. Texas A&M University, English	2013

PROFESSIONAL EXPERIENCE

Director, Academic Advising	2022 – PRESENT
COLLEGE OF AGRICULTURE & LIFE SCIENCES, TEXAS A&M UNIVERSITY	
Lecturer (Instructor of Record) 2019 – PRESENT	
DEPARTMENT OF ENTOMOLOGY, TEXAS A&M UNIVERSITY	
Academic Advisor	2013 – 2022
TEXAS A&M UNIVERSITY	

PROFESSIONAL AFFILIATIONS

American Council on Exercise	2023 – PRESENT
American Academy of Forensic Sciences	2019 – PRESENT
Entomological Society of America	2018 – PRESENT
American Board of Forensic Entomology	2017 – PRESENT
National Academic Advising Association	2013 – PRESENT
Texas A&M University Advisors and Counselors	2013 – PRESENT
North American Forensic Entomology Association	2012 – PRESENT

PROFESSIONAL TRAINING AND CERTIFICATIONS

Forensic Entomology Member (Certification)	2023
AMERICAN BOARD OF FORENSIC ENTOMOLOGY	
Forensic Entomology Technician (Certification)	2017
AMERICAN BOARD OF FORENSIC ENTOMOLOGY	
Associate Certificate (Training)	2020
CENTER FOR THE INTEGRATION OF RESEARCH, TEACHING, AND LEARNING AT TEXAS A&M UNIVERSITY	
Master Vector-Borne Disease Management (Certification)	2018
WESTERN GULF CENTER OF EXCELLENCE FOR VECTOR-BORNE DISEASES	
Pandemic Policy Summit Simulation (Training)	2018
SCOWCROFT INSTITUTE OF INTERNATIONAL AFFAIRS AND THE INSTITUTE FOR INFECTIOUS ANIMAL DISEASES	
Latent Print Processing (Certification)	2012
TEXAS A&M ENGINEERING EXTENSION SERVICE (TEEX)	

WORKSHOPS, SYMPOSIA, AND LECTURES

INVITED INTERNATIONAL WORKSHOPS

Forensic Entomology for Medical Examiners [ABFE Certified Workshop]	September 16 – 23, 2023
KOREA UNIVERSITY COLLEGE OF MEDICINE	

INVITED WORKSHOPS

- Forensic Entomology Technician Workshop [ABFE Certified Workshop]
CHAMINADE UNIVERSITY OF HONOLULU May 13-14, 2024
- Forensic Entomology Technician Workshop [ABFE Certified Workshop]
TEXAS STATE FORENSIC ANTHROPOLOGY RESEARCH CENTER April 15-16, 2024
- Forensic Entomology for the Crime Scene Investigator [ABFE Certified Workshop]
FEDERAL BUREAU OF INVESTIGATION, NAVAL CRIMINAL INVESTIGATIVE SERVICE,
AIR FORCE OFFICE OF SPECIAL INVESTIGATIONS, U. S. FISH AND WILDLIFE SERVICE 2022
- Forensic Entomology and Taphonomy of Texas
FORENSIC ANTHROPOLOGY RESEARCH FACILITY, TEXAS STATE UNIVERSITY 2019, 2020, 2021

SYMPOSIA

- Establishing Minimum Standards in Forensic Entomology
SYMPOSIUM ORGANIZER. ENTOMOLOGICAL SOCIETY OF AMERICA (ESA) SOUTHWESTERN BRANCH ANNUAL CONFERENCE April 20, 2022

INVITED INTERNATIONAL LECTURES

- Current Status of Medicolegal Entomology in the US and an Introduction to the ABFE-M Certification
KOREA UNIVERSITY – COLLEGE OF MEDICINE May 22, 2024
- Introduction to Forensic Entomology Minicourse [Virtual]
XXXIV VETERINARIAN ACADEMIC WEEK – FEDERAL RURAL UNIVERSITY OF RIO DE JANEIRO, BRAZIL October 10, 2021
- Forensic Entomology – Evidence Collection and Insect Toxicology [Virtual]
FORENSIC PROFESSIONALS TRAINING WEEK – UNIVERSITY OF THE WEST INDIES, KINGSTON 7, JAMAICA April 1, 2021
- A Ciência da Entomologia Forense (Science of Forensic Entomology)
CONGRESSO MEDVEP INTERNACIONAL DE ESPECIALIDADES VETERINÁRIAS – CURITIBA, BRAZIL July 23, 2019
- Entomologia Forense Aplicada (Applied Forensic Entomology)
CONGRESSO MEDVEP INTERNACIONAL DE ESPECIALIDADES VETERINÁRIAS – CURITIBA, BRAZIL July 23, 2019

INVITED LECTURES

- Who's on First? Why It Is Important That We Are Speaking the Same Language in Development Study Literature
SYMPOSIUM ON ESTABLISHING MINIMUM STANDARDS IN FORENSIC ENTOMOLOGY
ENTOMOLOGICAL SOCIETY OF AMERICA SOUTHWESTERN BRANCH ANNUAL MEETING April 20, 2022
- American Board of Forensic Entomology Technician Certification: Minimum Standards for Tech-Qualifying Workshops
SYMPOSIUM ON ESTABLISHING MINIMUM STANDARDS IN FORENSIC ENTOMOLOGY
ENTOMOLOGICAL SOCIETY OF AMERICA SOUTHWESTERN BRANCH ANNUAL MEETING April 20, 2022

PUBLICATIONS

AUTHOR

- Flint, C., J. Rhinesmith-Carranza, and J. K. Tomberlin. 2025.
Development of the house fly, *Musca domestica*, L. (Diptera: Muscidae) on pork tissue at two temperatures. *Journal of Forensic Sciences*, issue pending publication March 2025.
- Rhinesmith-Carranza, J. 2022.
Through the looking glass: creativity, communication, and collaboration as scientific essentials. American Academy of Forensic Sciences 75th Anniversary Apercus July 2022, Pathology/Biology section.
- Flint, C., S. J. Sawyer, J. Rhinesmith-Carranza, and J. K. Tomberlin. 2022.
Rodent scavenging of pig remains potentially increases oviposition sites for primary colonizers. *Journal of Forensic Sciences*, 67(4), 1728-1733.
- Rhinesmith-Carranza, J., W. Liu, J. K. Tomberlin, M. Longnecker, and A. M. Tarone. 2018.
Impacts of dietary amino acid composition and microbial presence on preference and performance of immature *Lucilia sericata* (Diptera: Calliphoridae). *Ecological Entomology*, 43(5), 612-620.

CONFERENCE PROCEEDINGS

- Rhinesmith-Carranza, J. L. (2024). The American Board of Forensic Entomology: What it Is, and What it Takes. *North American Forensic Entomology Association Annual Conference*. July 24 – 26, 2024. Virtual.
- Rhinesmith-Carranza, J. L. (2023). Into the Unknown: When the Secret Siren of Administration Calls You. *NACADA Annual Conference*. October 4 – 7, 2023. Orlando, Florida.
- Rhinesmith-Carranza, J. L., Beamon, C. B., and Flint, C. A. (2023). “I Am Groot” – Conversational Chaos: How We Say What We Say, and Why That Matters. *NACADA Annual Conference*. October 4 – 7, 2023. Orlando, Florida.
- Rhinesmith-Carranza, J. L., Flint, C. A., and Tomberlin, J. K. (2023). American Board of Forensic Entomology Certified Workshops: How Collaborative Efforts Between Researchers, Practitioners, and Professionals Continue to Refine and Strengthen the Discipline. *Presented at the American Academy of Forensic Sciences (AAFS) Annual Conference*. Orlando, FL. February 14 – 18, 2023.
- Flint, C. A., Rhinesmith-Carranza, J. L., and Tomberlin, J. K. (2023). Impact of Temperature and Diet on the Development of the House Fly, *Musca domestica* (Linnaeus) (Diptera: Muscidae). *Presented at the American Academy of Forensic Sciences (AAFS) Annual Conference*. Orlando, FL. February 14 – 18, 2023.
- Rhinesmith-Carranza, J. L., Tomberlin, J. K. (2022). KGBetles: Insect Espionage. *Presented at the Entomological Society of America Southwestern Branch Conference*. Fort Worth, TX. April 18, 2022.
- Rhinesmith-Carranza, J. L., Tomberlin, J. K. (2022). Insect Espionage and the Manipulation of Public Information. *Presented at the Ecological Integration Symposium*. Winner – Best Doctoral Student Session. College Station, TX. March 2022.
- Rhinesmith-Carranza, J. L., Tomberlin, J. K. (2022). Smelling, Searching, and Sabotage: How Two Carrion Insects Compete for Decomposing Remains. *Presented at the American Academy of Forensic Sciences (AAFS) Annual Conference*. Seattle, WA. February 21, 2022.
- Rhinesmith-Carranza, J. L., Tomberlin, J. K. (2021). When Primary Colonizers Are Late to the Party: Implications for Relating Time of Colonization and Post-Mortem Interval. *Presented at the American Academy of Forensic Sciences (AAFS) Annual Conference*. Virtual. February 17, 2021.
- Rhinesmith-Carranza, J. L. (2018). Conversational Chaos: How We Say What We Say, and Why That Matters. Poster. *Presented at the National Academic Advising Association International Conference*. Dublin, Ireland. July 17, 2018.
- Rhinesmith, J. L., Flores, M., and Tomberlin, J. K. (2012). Assessing Interkingdom Signaling Between *Escherichia coli* and *Lucilia sericata* (Diptera: Calliphoridae) Using the Quorum Sensing Molecule Indole. *Presented at Texas A&M University Student Research Week*. College Station, TX. July 25, 2012.
- Rhinesmith, J. L., Flores, M., and Tomberlin, J. K. (2012). Quorum Sensing by *Escherichia coli* Serves as an Interkingdom Signal with *Lucilia sericata*. *Presented at the North American Forensic Entomology Association (NAFEA) Annual Meeting*. Las Vegas, NV. July 18, 2012.

HONORS AND AWARDS

AFS Outstanding Achievement Award – Individual Student Engagement ASSOCIATION OF FORMER STUDENTS, TEXAS A&M UNIVERSITY	2024
President’s Meritorious Service Award – Individual OFFICE OF THE PRESIDENT, TEXAS A&M UNIVERSITY	2022
Dean’s Outstanding Achievement Award – Student Relations COLLEGE OF AGRICULTURE AND LIFE SCIENCES, TEXAS A&M UNIVERSITY	2021
Vice Chancellor’s Awards in Excellence – Graduate Student Teaching TEXAS A&M AGRILIFE, TEXAS A&M UNIVERSITY	2021
John J. Koldus III Faculty and Staff Achievement Award DIVISION OF STUDENT AFFAIRS, TEXAS A&M UNIVERSITY	2021
Ed Guthrie Advising Award UNIVERSITY ADVISORS AND COUNSELORS, TEXAS A&M UNIVERSITY	2021
President’s Award for Academic Advising OFFICE OF THE PRESIDENT, TEXAS A&M UNIVERSITY	2020
Forensic Science Teaching Assistant of the Year DEPARTMENT OF ENTOMOLOGY, TEXAS A&M UNIVERSITY	2019