February 11, 2025

Dear Search and Screen Committee,

Every organization's strength is in its people. If selected as Dean of the College of Agriculture and Director of the Alabama Agricultural Experiment Station at Auburn University, I am confident I will provide visionary leadership that will foster a strong desire in everyone to bolster the college's and Experiment Station's local, national, and international stature while cultivating the next generation of career ready graduates ready to serve Alabama. Having served as the Department Head for the Department of Entomology at Texas A&M University since July 2020 and Interim Department Head for the Department of Agricultural Leadership, Education, and Communications (ALEC) since October 2024, I have the leadership, advocacy, and fiduciary experience necessary to provide you with the exceptional leader and communicator you are seeking. One of the reasons that I chose to enter administration is a strong desire to help others as I was once helped and am rewarded each time I assist our newest faculty, staff, and students in beginning their careers.

You will find I meet all the required qualifications, having earned my doctorate at the University of Wyoming and having earned the rank of full professor in 2017 at the University of Florida, where I was tenured in the Entomology and Nematology Department in 2011. Currently, I hold tenure and the rank of full professor in the Department of Entomology at Texas A&M University. Regarding budgetary experience, I have effectively managed the annual $8.1 million dollar and $5.2 million dollar budget allocations for the Department of Entomology and ALEC, respectively. Additionally, I have managed more than $4.6 million dollars of federal, state and industry grants and contracts in my own research, teaching, and Extension program during my 28 years of service as a faculty member at three Land Grant universities (Cornell, UF, and Texas A&M). My scholarly record includes numerous prestigious national awards, 129 peer-reviewed publications, one patent, demonstrated excellence in teaching graduate and undergraduate courses, leading experiential learning courses, mentorship of 49 graduate students (21 as Chair/Co-Chair), and more than 80 Extension publications developed for a diversity of audiences.

Throughout my career, I have conducted basic and applied research with collaborators from many disciplines, statewide and county Extension educators, and federal and state agencies, private industry, producers, and the public. These research and Extension projects have included small producer-funded projects relying heavily on family farmer support, to more recent projects where I served as the PI for the Texas A&M component of the $10M CDC funded Western Gulf Center of Excellence in Vector Borne Diseases. I understand the importance of being a fiscally sound steward of the funding under my discretion, including federal formula funding through the Experiment Stations, having sustained Hatch projects and having been a participating member of Multi-State Hatch projects since 1997, with more recent efforts with Animal Health projects.

In my role as Head for entomology, I serve a department of 44 faculty (not including four active searches), five administrative staff, 158 academic and technical staff, and more than 580 undergraduate and 73 graduate students. Additionally, I provide administrative oversight for the Texas Apiary Inspection Service, a Texas state agency supporting permitting and honey bee health assessments for commercial and hobby honey bee hives. As I learned more about my department's organization and needs I recognized that many departmental members did not feel they were vested in ensuring the overall success of the department. To resolve this, I organized and held two off site strategic planning retreats with the help of a planning moderator, one to plan improvements and set strategic goals for teaching and planning new faculty hires and another to revise a severely outdated Strategic Plan. Both of these retreats brought our team together and helped bring new ideas into action to improve the department and morale. In September, I

conducted a third mini-retreat to set departmental priorities for future strategic faculty hires. When given the opportunity to listen to diverse ideas I do, such that when opportunities arise I am able to act quickly to avoid missing opportunities while still staying true to the voices around me. My work to build a strong relationship with my administration, and having successfully advocated for nine new or replacement on-campus faculty positions (TT or teaching), and seven faculty positions at Research and Extension Centers has been an enriching part of my journey. In addition, I have secured over $1.6 million dollars in infrastructure and facilities renovations, $1.9 million dollars in start-up for three faculty, and spearheaded the acquisition of a $1.25 million dollar gene editing robot to enhance our insect transformation capacity.

As Department Head, I provide oversight for 80,000 sq. ft. of on-campus office and research laboratories and four endowed Chairs supported by endowments valued at ~$9 million. Although the department's faculty salary budget is managed centrally, I am responsible for allocation of departmental staffing resources, administration of college-directed teaching assistantships, dispersal of annual foundation held undergraduate ($33,000) and graduate scholarships ($51,500), as well as internal student travel and research grants. Additionally, our online delivery of courses annually generates $600,000 in departmental funding, which supports additional graduate student teaching assistantships and several non-tenure-track faculty teaching lines, for which I provide fiscal oversight. My time engaging with donors is always enlightening and I have engaged several donors with vested interests in my research and in the department, one of whom recently funded a new scholarship to support an undergraduate Hispanic student in entomology.

External fundraising and relations has included working with the Texas Beekeepers Association, Texas A&M AgriLife Foundation, and our honey bee faculty member on a fundraising challenge with the goal to nearly double our existing honey bee endowment that supports graduate student training to over $250,000 – a goal accomplished in less than a year. In our 2023 state legislative session, we worked with a Texas beekeeping organization to secure a $1 million dollar recurring state biennial allocation supporting honey bee Extension, as well as with our federal liaison to secure a $1.5 million dollar *FY23 Community Project Funding* federal congressional appropriation for our departmentally led forensic science program. To better understand clientele needs, and share our successes and needs, I regularly attend events hosted by state agricultural commodity groups, as well as state and federal groups, including the Texas Animal Health Commission, and USDA-ARS. Currently, I am engaged with federal, state, and commodity groups on responses to the New World screwworm and its potential devastating impact on Texas livestock operations. As a member of and invited guest to several commodity boards I am in a position to learn our clientele needs, relay them to our faculty and incorporate them into our curriculum.

Experiential learning is at the cornerstone of my teaching methodology, and I have demonstrated experience with this approach through study abroad, laboratory research experiences for undergraduates and placement of students in internships, as well as incorporating *learning-by-doing* in my classroom teaching. When I arrived at the University of Florida in 2005 as a tenure-track Assistant Professor, I was assigned a 3-way split (50:40:10, R:T:E), with annual teaching responsibilities for undergraduate and graduate level courses in Medical and Veterinary Entomology (required departmental offerings, taught 15 times), and a directive to develop and annually teach an elective Forensic Entomology course (taught 13 times). These fixed-credit courses included numerous experiential learning exercises, including numerous on farm visits, mosquito and biting fly monitoring trap placement, sample collection and processing, as well as direct surveillance, collection, and rearing of insects from pig carcasses to demonstrate time-of-death estimations. *A summary of my course teaching evaluations and course descriptions can be found in my curriculum vitae.*

As co-Director of the *UF in Florence: Global Perspectives* study abroad program, I was able to witness how these experiences transformed our students. During my time as a co-director, this was UF's largest study abroad program, taking 80-165 students to Florence, Italy, during a 6-week summer session. As

a part of this program, I co-developed and co-taught the course ALS4404: *Insects in Italy* in 2016 and 2017, with the course redesigned as *Feast or Famine in Florence* for 2018 and 2019. This course was specifically designed for all majors and had multiple *experiential field learning* opportunities where students experienced and learned about the ancient inhabitants of Italy, the Renaissance and its relationship to the emergence of science, the impact of the Black Death on society and modern olive and livestock production insect pest issues, not by sitting in a classroom, but by roaming the city and nearby farms through a guided experience. From my own transformative experience, I am highly supportive of faculty working with the Auburn Abroad program for College faculty to lead their own Study Abroad programs; it provides immeasurable opportunities for growth and exposure for not only our students, but also for the faculty leaders and the College.

It is critically important to invest in existing and upcoming student recruitment, retention, scholarships, and awards, which ultimately lead to career placement. One area I have found particularly important in the student experience is through the encouragement and inclusion of undergraduates and high school students into our research laboratories as active researchers. At Texas A&M, we have a strong commitment to undergraduate research and professional internships where we have included research and/or internship experiences as requirements to our student training experiences and the results have been exceptional. Students frequently find employment with their internship sponsor or identify their enthusiasm for research (or not), through the research training that they receive. Our student clubs are frequent providers of outreach to the community and we regularly host outreach events for insect enthusiasts and collectors, as well as 4-H and FFA students and advisors. These events help to ensure we have a connection with our community while we also build interest in agricultural careers with attending youth participants. Departmental efforts beyond our own students include hosting a successful summer REEU program and working to host prospective graduate student recruiting events, bringing students from across the nation to campus with no out-of-pocket expenses.

In addition to completing the LEAD IFAS leadership training program at UF, I have improved my leadership skills through service to my professional societies as a president, officer, committee member, meeting host, and scientific program committee member, as well as serving as the chair or a member on academic committees. Leadership actively engaged with students included serving as the Faculty Advisor for the UF CALS honors/service fraternity, Alpha Zeta, as well as the aforementioned co-director role I served in for the *UF in Florence* program. The opportunity to serve on multiple pre-tenure mentoring committees, and to help formalize mentoring in our department at Texas A&M University has provided increased awareness of challenges faced by junior faculty. At the University of Florida, I chaired the College of Agricultural and Life Sciences Curriculum Committee, and also served on the University Curriculum Committee. Through these experiences and those while serving as Department Head, I have gained a deeper understanding of the importance of curriculum design and the need for and process of re-design. Through our engagements with the employers of our Texas A&M students, we have obtained valuable insights as to their needs. As such, we have adjusted our curriculum to increase writing skills and professionalism as well as student experiences, such as expanding internship opportunities.

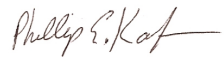
In 2022, our department successfully completed the accreditation review of our two undergraduate and our graduate degree programs by the SACSCOC organization, followed shortly thereafter by the reaccreditation of our Forensics and Investigative Sciences undergraduate degree *Science track* by the Forensic Science Education Programs Accreditation Commission, an important accreditation that provides an exceptional advantage for our students entering the forensics field. The review teams for both accreditation programs were impressed by the rigor and quality of our programs, as well as the level of support provided to students by the Department. My commitment to improving our Department extends beyond the aforementioned academic components and I regularly meet with faculty and administration with respect to a variety of compliance regulations including Title IX reporting, and research compliance both internal and external. Throughout my career I have regularly conducted research that required compliance oversight, including IACUC, IRB, and biosafety, but also with respect to international collaborations, export controls,

conflict of interest, external employment disclosures, and development of intellectual property. Currently, I serve on the Texas A&M AgriLife Conflict of Interest Review committee.

On October 01, 2024 I began my current appointment as Interim Department Head for ALEC. This department encompasses 34 full-time and 9 part-time faculty and supports three B.S. majors and four minors, in addition to four graduate (3 M.S., 1Ph.D.) degrees. In Fall 2024 the department supported 1,143 undergraduate and 131 graduate students, a 15% increase from 2023. We recently hosted our external Advisory Board, have engaged our graduate faculty on a post-academic program review retreat, and are preparing revisions to our academic degree plans. In my short time engaging with the faculty and students in this exceptional department, my perspective on science and teaching in agriculture has broadened.

In closing, my numerous experiences in teaching experiential courses, directing impactful basic and applied research, in leadership roles at the department and college level, engagement with clientele, and commitment to students, staff and faculty, place me in an excellent position to provide leadership as the Dean for the College of Agriculture and Director of the Alabama Agricultural Experiment Station. My personality and interest in supporting the success of others are an asset and I look forward to providing service to this exceptional College and University. My strong commitment to the Land Grant mission has been demonstrated through my strength as a researcher, educator, and a communicator, both in the classroom and to Extension audiences. The opportunity to serve the students, faculty, and staff of the College in this role is exciting and I appreciate your consideration of my candidacy. Out of respect for your time and effort on this committee I did my best to be brief in this letter. If I have not fully addressed any of the outlined professional experiences and characteristics to your satisfaction, I would be happy to discuss my commitment with you. Should you have any questions, my preferred contact information is below. Thank you for your service on this committee and for your work ensuring you select a candidate that will truly serve the College and the Experiment Station and their students, faculty and staff.

Sincerely,



Phillip E. Kaufman, Ph.D.
Professor and Head, Department of Entomology
Interim Head, Agricultural Leadership,
Education, and Communications
Texas A&M University
phillipekaufman@gmail.com
352-283-5759 (cell)

Phillip E. Kaufman

Professor and Department Head
Department of Entomology
Texas A&M University
College Station, TX 77843

352-283-5759 (mobile/preferred)
phillipekaufman@gmail.com (preferred)
phillip.kaufman@ag.tamu.edu
https://kaufmanlab.entomology.tamu.edu

EDUCATION

Ph.D. May 1997, University of Wyoming, Department of Plant, Soil and Insect Sciences, Laramie, WY. Livestock entomology, Dr. John E. Lloyd, advisor. Dissertation: Horn fly, *Haematobia irritans* (Diptera: Muscidae), population density and insecticide resistance at selected elevations in Wyoming and Nebraska.

M.S. May 1994, University of Wisconsin, Department of Entomology, Madison, WI. Vegetable pest management, Dr. Jeffrey A. Wyman, advisor. Thesis: Cultural control of the Colorado potato beetle (Coleoptera: Chrysomelidae) in central Wisconsin.

B.S. May 1991, University of Illinois, Department of Animal Science, Champaign, IL.

PROFESSIONAL EXPERIENCE

2020-present: Professor and Department Head, Texas A&M University, Department of Entomology, College Station, TX. Appointment: 70% Administration, 30% Research.

2024-present: Interim Department Head, Texas A&M University, Department of Agriculture Leadership, Education, and Communication, College Station, TX. Appointment 70% Administration, 30% Research.

2017-2020: Professor, University of Florida (UF/IFAS), Entomology and Nematology Department, Institute of Food and Agricultural Sciences, Gainesville, FL. Appointment: 50% Research, 40% Teaching, 10% Extension.

2011-2017: Associate Professor, University of Florida, Entomology and Nematology Department, Gainesville, FL. Appointment: 50% Research, 40% Teaching, 10% Extension.

2005-2011: Assistant Professor, University of Florida, Entomology and Nematology Department, Gainesville, FL. Appointment: 50% Research, 40% Teaching, 10% Extension.

1997-2005: Research Associate, Cornell University, Department of Entomology, Ithaca, NY. Appointment: 50% Research, 50% Extension, non tenure-track faculty.

1994-1997: Graduate Research Assistant, University of Wyoming, Entomology Section, Department of Plant, Soil and Insect Sciences, Laramie, WY.

1994: 6-Month Research Intern, Midwest Research Station, Research and Development Division, Ciba Corporation, Dewey, IL.

1991-1994: Graduate Research Assistant, University of Wisconsin-Madison, Department of Entomology, Madison, WI.

1991: Intern, Research and Development Division, Ciba-Geigy Corporation, DeForest, WI.

HONORS AND AWARDS

- Southern Region IPM (Integrated Pest Management) Center, 2024 Friends of IPM 'Hall of Fame' Award.
- Outstanding Departmental Leadership, Aggie Women in Entomology and Entomology Graduate Student Organization, 2024.
- Medical, Urban, and Veterinary Entomology Section, Entomological Society of America, 2023 Lifetime Achievement Recognition Award in Medical, Urban, & Veterinary Entomology.
- Southwestern Branch of the Entomological Society of America, 2023 Distinguished Achievement Award in IPM.
- Outstanding Advocate for Students, Aggie Women in Entomology and Entomology Graduate Student Organization, 2022.
- University of Florida (UF) Term Professorship Award, 2017-2020.
- Alpha Zeta Honors/Service Fraternity, National Advisor of the Year, University of Florida Chapter 2018 and 2019.
- UF/IFAS (University of Florida/Institute of Food and Agricultural Sciences) High Impact Research Publication, 2017. Davis, T.J., D.L. Kline, and **P.E. Kaufman**. 2016. *Aedes albopictus* (Diptera: Culicidae) oviposition preference as influenced by container size and *Buddleja davidii* plants. *Journal of Medical Entomology.* 53: 273-278. DOI: 10.1093/jme/tjv201.
- UF/IFAS Research Recognition Award, 2016. Award presented by the Dean for Research in recognition of contributions in development of licensed pesticide technology.
- USDA National Excellence in Multistate Research Award, 2016, for Multi-state Hatch Project S-1060. Award presented by USDA-NIFA. Team member.
- Southern Region Excellence in Multistate Research Award, 2016, for Multi-state Hatch Project S-1060. Award presented by Southern Region Experiment Station Directors. Team member.
- UF/IFAS High Impact Research Publication, 2016. Eiden, A.L., **P.E. Kaufman**, F.M. Oi, S.A. Allan, and R.J. Miller. 2015. Detection of permethrin resistance and fipronil tolerance in *Rhipicephalus sanguineus* (Acari: Ixodidae) in the United States. *Journal of Medical Entomology*. 52: 429-436. DOI: 10.1093.jme/tjv005.
- UF Office of Technology Licensing 2015 Technology Innovator Award. Award presented in recognition of patented and licensed pesticide technology.
- Florida Entomological Society, 2015 Special Achievement Award for Research Teams, Laboratories, or Agencies. Team members, **P.E. Kaufman**, L.P. Carnohan, A.E. Eiden, E.N.I. Weeks, F.M. Oi, and S.A. Allan.
- Livestock Insect Workers' Conference and Bayer Animal Health, 2014 Lifetime Achievement Award in Veterinary Entomology.
- Illinois 4-H Alumni Award Foundation, 2013 4-H Alumni of the Year Award.
- Florida Entomological Society, 2012 Achievement Award for Research.
- Florida Entomological Society, 2010 Achievement Award for Teaching in Higher Education.
- Friend of the Department Award from the Department of Animal Science, Cornell University at the annual Cornell Poultry Conference on June 19, 2002. This award is presented on behalf of the Department to individuals who have made significant contributions to the poultry industry in the state of New York.
- Grundy County (Illinois) 4-H, Alumni Award, 1999.

LEADERSHIP EXPERIENCE

(Several leadership experiences provided here are also listed under their appropriate service categories below)

- Head, Department of Entomology, Texas A&M University.
  - Lead a department with 46 faculty, four administrative staff, 158 academic and technical staff, and over 580 undergraduate and 73 graduate students. 2020-present.
  - Oversight of $8.1M annual departmental budget.
  - Annual revenue generation of $600,000 in differential tuition.
  - Facilitated creation of 2023-2028 departmental strategic plan.
  - Lead departmental fundraising efforts for endowments, scholarships, and infrastructure.
  - Secured $1.5M in community funded congressional support for our forensic science program.
  - Supervisor for Texas Apiary Inspection Service, Texas A&M AgriLife, state agency responsible for honey bee health.
  - Hired 12 new faculty and retained four faculty.
  - Lead reaccreditation of undergraduate and graduate degree programs.
- Interim Head, Department of Agricultural Leadership, Education, and Communications, Texas A&M University.
  - Lead a department with 34 full-time faculty, and 9 part-time faculty, 2 administrative staff, and 1,143 undergraduates, and 71 graduate students. 2024-present.
  - Oversight of $5.2M annual departmental budget.
  - Annual revenue generation of $760,000 in differential tuition.
  - Engaged departmental External Advisory Board to improve student experience and career preparation.
- Chair of three faculty hiring committees, including for Department Head for Ecology and Conservation Biology, Texas A&M University.
- Faculty Advisor, Alpha Zeta University of Florida Chapter, Undergraduate Agricultural Honors/Service Fraternity, 2017-2020.
- Co-Director, UF in Florence: Global Perspectives Program, 2015-2019.
- LEAD IFAS, leadership training program participant, University of Florida, 2014-2015.
- Chair, College of Agriculture and Life Sciences Curriculum Committee, University of Florida, 2012-2013.
- USDA-National Program 104, External Assessment Review Panel, Veterinary and Medical Entomology categories, 2013.
- President and Past President, Structural, Veterinary and Public Health Section (now Medical, Urban, and Veterinary Entomology) of the Entomological Society of America, 2008 and 2009.

PROFESSIONAL SOCIETIES

American Association of University Administrators, 2020-present.
Alpha Zeta Agricultural Honors/Service Fraternity, 2018-present.
American Association of Veterinary Parasitologists, 2015-present.
Livestock Insect Workers' Conference (LIWC), 1996-present.
Entomological Society of America (ESA), 1992-present.
American Mosquito Control Association, 2005-2020.
Society for Vector Ecology, 2008-2020.
Florida Entomological Society, 2005-2019.

PROFESSIONAL ASSIGNMENTS

Entomological Society of America (ESA)

- Annual Meeting Panel Member for *Ask a Department Head* Early Career Professional Networking Event, 2023.
- Southwestern Branch Panel Member for *Careers in Entomology* Networking Event, 2023.
- Subject Editor, Journal of Medical Entomology, 2014-2019.
- Medical, Urban, and Veterinary Entomology Section, Past-President, 2010. (*elected*)
- Annual Meeting Program Committee, Indianapolis, IN, 2009.
- Structural, Veterinary and Public Health Section, President, 2008 and 2009. (*elected*)
- Southeastern Branch Annual Meeting Program Committee, Jacksonville, FL, 2008.
- Annual Meeting Program Committee, Reno, NV, 2008.
- Section D Secretary, 2007. (*elected*)
- Section D/Structural, Veterinary and Public Health Section representative to the Membership Committee, 2006-2008. (*elected*)
- Judge, presentations and/or poster sections, Student Competition for Presidents Prize, Southeastern Branch of the ESA and national ESA on multiple occasions since 2001.

Livestock Insect Workers' Conference (LIWC)

- Planning Committee, 2007 joint meeting of the LIWC and the International Society for Ectoparasites of Pets, Lexington, KY, 2005-2007.
- Program Chair, joint meeting of the LIWC and the International Society for Ectoparasites of Pets, Lexington, KY, 2007.
- Research Representative to Advisory Board, 2005-2008. (*elected*)
- Planning Committee, Lake Placid, NY, 2004.
- Co-Host, Lake Placid, NY, 2004.
- Extension Representative to Advisory Board, 2002-2005. (*elected*)
- Moderator at nine conferences, 1997-2019.

Other Professional Assignments

- Council of Entomology Department Administrators, 2020-present.
- AgriLife Foundation Small Grains grants program panel, 2021-2024.
- Editorial Board, *Insects*, 2020-2023.
- Co-author, Insecticide Resistance Section, Multi-state Projects (S-1005, S-1006, S-1060, S-1076).
- USDA-National Program 104, External Assessment Review Panel, Veterinary and Medical Entomology categories, 2013.
- Panel reviewer, Office of Scientific Quality Review for USDA, National Program 104: Two tick project review panels, 2009.
- Proposal reviewer, USDA-SBIR, NIFA Foundational Grants, Organic Science Cluster, Southeast Dairy Check-off panel, 2007-2015.
- UF/IFAS Florida Tomato Foundation grants program panel, 2010, 2012.
- Secretary, Multi-state Hatch Project S-1006, 2005-2007.
- CSREES Competitive Grants Peer Review Panel, 2004.
- Northeastern Regional IPM Proposal Peer Review Panel, 2004 Competitive Grants Program, 2003.
- Northeastern Regional IPM Proposal Peer Review Panel, 2003 Competitive Grants Program, 2002.
- Livestock, Field and Forage IPM Commodity Working Group, Northeastern IPM Center, 2001-2005.

- Southern Regional Hatch (Multi-state) Project Writing Committee (S-1006), 2001.
- Northeastern Regional IPM Proposal Peer Review Panel, 2001 Competitive Grants Program, 2001.
- Proposal Reviewer - National Research Initiative Competitive Grant Panel, multiple years.

GOVERNANCE, COMMITTEES, AND SERVICE

College of Agricultural and Life Sciences (COALS), Texas A&M University and Texas A&M AgriLife

- Member, Conflict of Interest Review Committee, Texas A&M AgriLife, 2022-present.
- Chair, Search Committee for Department Head, Ecology and Conservation Biology, Texas A&M University, 2021-2022.
- Member, Professional Services Customer Advisory Team, College of Agriculture and Life Sciences, Texas A&M University, 2021-present.
- Member, Search Committee for Associate Director & Chief Scientific Officer, Texas A&M AgriLife Research, 2021.
- Member, AgriLife Strategic Plan Steering Committee, 2021.
- Chair, C. Everette Salyer Fellowship in Cotton Research Committee, College of Agriculture and Life Sciences, Texas A&M University, 2020-present.

University of Florida (UF)

- Member, University Graduate Curriculum Committee, 2017-2020.
- Mentor, Multi-cultural Mentoring Program, 2018-2019.
- Member, Task Force: Risk Management to Protect Undergraduate Students Exposed to Animals, Insects and Tissues in Coursework at UF, 2017-2018.
- Co-Director, UF in Florence: Global Perspectives Program, 2015-2019.
- Member, Faculty Senate, 2010-2013 (*elected*).
- Member, Small Grains Advisory Committee, 2020-present.

College of Agricultural and Life Sciences (CALS), UF/IFAS

- Faculty Advisor, Alpha Zeta - Undergraduate Honors/Service Fraternity, 2017-2020.
- Invited participant, LEAD IFAS, leadership training program, 2014-2015.
- Chair, CALS Curriculum Committee, 2012-2013.
- Member, IFAS Faculty Assembly Executive Committee, 2012-2013.
- CALS Commencement Marshal, 2012.
- Member, CALS Curriculum Committee, 2009-2013 (two terms).
- Member, CALS Alumni and Career Resources Committee, 2007-2008.

Entomology and Nematology Department, UF/IFAS

- Chair, Assistant Professor of Invertebrate Vectors of Diseases and Public Health Search and Screen Committee, 2018-2019.
- Member, Administrative Advisory Committee, 2006-2009; 2014-2016; 2018-2019 (*elected*).
- Member, Graduate Committee, 2006-2009; 2016-2019 (*elected*).
- Member, Peer Evaluation of Adam Wong's ENY4905/6905 *Molecular Biology of Insects and Nematode* courses, Fall 2019.
- Member, Assistant Professor of Spatial Mosquito Ecology Search and Screen Committee, 2017-2018.
- Member, faculty mentoring committee, Zane Grabau, Assistant Professor, Nematology, 2017-2020.
- Chair, Assistant Professor of Insect Pathology/Symbiosis Search and Screen Committee, 2016.

- Member, faculty mentoring committee, Justin M. Renkema, Assistant Professor, Entomology, 2016-2018.
- Member, faculty mentoring committee, Andrea Lucky, Assistant Professor, Entomology, 2015-2020.
- Member, Research Scientist Search and Screen Committee, 2015.
- Member, faculty mentoring committee, Rebecca Baldwin, Assistant Professor, Entomology, 2012-2020.
- Member, Peer Evaluation of Christine Miller's ENY3005/5006 *Principles of Entomology/Graduate Survey of Entomology* courses, Fall 2013.
- Member, Peer Evaluation of Rebecca Baldwin's ENY1001 *Bugs and People* course, Summer 2013.
- Member, Senior Fiscal Accountant Search and Screen Committee, 2013.
- Member, Assistant Professor of Medical Entomology Search and Screen Committee, 2012-2013.
- Member, Entomology and Nematology Department and School of Forestry, Forest Entomologist Search and Screen Committee, 2011-2012.
- Member, Nominations Committee, 2009-2010.
- Member, Departmental Policies Committee for Shared Governance, 2006-2007.
- Chair, Emerging Pathogens Departmental Ad-hoc Committee, 2006.
- Faculty Advisor, University of Florida Linnaean Team, 2005-2007.

Entomology Department, Cornell University

- Member, Outreach Committee, 2003-2005.
- Member, Computer Committee, 2003-2005.

TEACHING PROGRAM (40% FTE at University of Florida, 0% at Texas A&M University)

DESCRIPTIONS OF PRIMARY COURSES TAUGHT

ENY4660 Medical and Veterinary Entomology (2 credits, Fall, Required for majors)
ENY6665 Advanced Medical and Veterinary Entomology (3 credits, Fall, Required among a list of pest management courses for major)

Brief Description:

This course explored the arthropods important for human health and those that impact livestock production, companion animals, and wildlife through direct attack, wounding, and pathogen transmission. Course included information on arthropod biology, ecology, potential for pathogen transmission, and management. Students learned to identify common pests, the principles of epidemiology, and pest management. The factors involved in the epidemiology of vector-borne diseases with the relationships between host, parasite, vector and reservoir, were stressed. ENY6665 included a discussion section, with an Extension writing assignment. Several undergraduates took this course as an Honors-level course and completed an Extension writing assignment. These were existing courses that I redesigned upon arrival to UF.
** In Spring 2019, I taught the online version of these courses.

ENY4660L Medical and Veterinary Entomology Lab (1 credit, Fall, Required for majors)
ENY6665L Advanced Medical and Veterinary Entomology Lab (1 credit, Fall, Required among a list of pest management courses for major)

Brief Description:

Laboratory exercises were designed to reinforce concepts introduced in lectures and provide hands-on viewing of arthropods for identification. Because some students may be making pest management decisions in the future, it was essential that they be able to properly identify the pest that they may be attempting to manage. This is increasingly important as the ecological and social pressures increase for control of arthropod pests with minimal effects on human health and the environment. These were existing courses that I redesigned upon arrival to UF, and added multiple field learning experiences, a PCR laboratory, and a biological control laboratory.
** In Spring 2019, I taught the online version of these courses.

ENY4701 Forensic Entomology (3 credits, Spring, Elective)

Brief Description:

Forensic Entomology presented current information on the role of arthropods in decomposition, the role of entomologists in criminal and civil investigations, and the increasing importance of science to society. Principally a lecture class, students also visited carrion sites to collect and observe a real life event, explore insect preservation, data collection, and numerous report writing exercises. Course topics included the role of arthropods on and in urban structures, their impact on food contamination, and their presence and use in death scene investigations. Critical thinking exercises and discussions, as well as hands-on laboratory exercises were included throughout the course to stimulate students to evaluate the controversial issues surrounding this emerging science. I created this course upon arrival at UF.

ALS4404 Insects in Italy/Feast or Famine in Florence (3 credits, Summer A, Study Abroad program: UF in Florence – Global Perspectives, Elective, Co-taught)

Brief Description:

Italy presented unique opportunities that were embraced through experiential learning; for example, we visited a Tuscan honey producer to learn the challenges faced in European productions systems, mass grave sites filled with the remains of bubonic plague victims, the Venetian mask makers to learn about Renaissance society in a city that survived multiple plague outbreaks, top art museums to witness "Insects in Italy" where we searched for evidence of insects in the lives of the Florentine citizens (and the damage of art by insect pests), a visit to a church principally built to ward off bubonic plague as well as to learn about the devotion to a Saint as a protector of a city from bubonic plague. We also interacted with the proprietors of a centuries-old, family-run olive grove and vineyard at risk of ruin from a new insect-vectored pathogen, and made an in-depth visit to the Galileo Museum of Science, all of which made this opportunity special for students. The course was designed as a non-majors science course that provided an appreciation for the intersection of entomology with art, science, and history, using elements of agriculture, sociology, and architecture. As part of the final grade evaluation students provide graded, written evaluations of peer student-led discussions and student presentations.

SUMMARY OF TEACHING EVALUATIONS AT UF (Primary courses)

Summary of Student Evaluations (Mean score across years taught; ENY4705L=ENY4905L; 1=poor, 5=excellent)

Course evaluations for individual classes can be found at: https://evaluations.ufl.edu/results/

Course	Times Taught	# Students	Kaufman		Department		College	
			Instructor	**Course**	Instructor	Course	Instructor	Course
ENY4660	15	6-25	**4.61**	**4.54**	4.36	4.25	4.33	4.24
ENY4660L	15	6-22	**4.65**	**4.55**	4.36	4.25	4.33	4.24
ENY6665	15	1-11	**4.85**	**4.79**	4.53	4.30	4.45	4.26
ENY6665L	15	1-10	**4.86**	**4.68**	4.53	4.30	4.45	4.26
ENY4701	13	4-30	**4.82**	**4.62**	4.44	4.29	4.38	4.25
ALS4404	4	5-18*	**4.90**	**4.70**	4.78	4.60	4.46	4.36

ENY4660 = Medical and Veterinary Entomology Lecture (every Fall).
ENY4660L = Medical and Veterinary Entomology Lab (every Fall).
ENY6665 = Advanced Medical and Veterinary Entomology Lecture (every Fall).
ENY6665L = Advanced Medical and Veterinary Entomology Lab (every Fall).
ENY4701 = Forensic Entomology Lecture (every Spring).
ALS4404 = Insects in Italy, renamed Feast or Famine in Florence (Summer 2016-2019 (6 weeks)).

Student Publications: Medical and Veterinary Entomology and Forensic Entomology

Graduate and undergraduate students in Advanced Medical and Veterinary Entomology (ENY6665), and occasionally in Forensic Entomology (ENY4701), at UF developed an Extension-based informational document as part of their course requirement. Students were encouraged to publish these documents through the Featured Creatures web site (http://entnemdept.ifas.ufl.edu/creatures/). In total, 27 students published their work, with four of these being undergraduates. The quality of these publications led many of them to be included in the UF EDIS peer-reviewed publication system (those appear in the list below). In 2008, I initiated an in-class, student driven, peer-review process, after which the percentage of students publishing their classroom assignments increased dramatically (See Extension publications).

GRADUATE ADVISING

Summary table of Graduate Committee Activities

Role	Number of students
Chair Ph.D.	9
Co-Chair Ph.D.	3
Chair/Co-Chair Master's (w/Thesis)	9
Chair Master's non-Thesis	4
Member Ph.D.	7
Member Master's (w/Thesis)	10
Member Master's non-Thesis	5
External Ph.D.	3
Total	49

* = online Master's non-thesis degree, x=expected degree date. **Kaufman resigned from committee upon UF departure (2020)

Candidate's Role	Student	Major	Complete Date
Chair Ph.D.	Lauren Beebe	Entomology (TAMU)	xAugust 2025
Chair Ph.D.	Sarah Maestas	Entomology and Nematology	May 2022
Chair Ph.D.	Christopher Bibbs	Entomology and Nematology	August 2019
Chair Ph.D.	Jeffrey Hertz	Entomology and Nematology	August 2016
Chair Ph.D.	Christopher Holderman	Entomology and Nematology	August 2016
Chair Ph.D.	Timothy Davis	Entomology and Nematology	December 2013
Chair Ph.D.	Amanda Eiden	Entomology and Nematology	December 2013
Chair Ph.D.	Jimmy Pitzer	Entomology and Nematology	May 2010
Chair Ph.D.	Peter Obenauer	Entomology and Nematology	August 2009
Chair Master's	Sean McKay	Entomology and Nematology	August 2020
Chair Master's	Andrew Branch	Entomology and Nematology	August 2020
*Chair Master's	Chealsey Lynch	Entomology and Nematology	December 2020
*Chair Master's	Mellisa Vizza	Entomology and Nematology	May 2018
Chair Master's	Karen Prine	Interdisciplinary Ecology	Left program
*Chair Master's	Deborah Merritt	Entomology and Nematology	Left program
Chair Master's	Robert Aldridge	Entomology and Nematology	May 2016
Chair Master's	Nicholas Tucker	Entomology and Nematology	August 2017
*Chair Master's	Jennifer Alexander	Entomology and Nematology	December 2013
Chair Master's	Lucas Carnohan	Entomology and Nematology	August 2013
Chair Master's	Christopher Holderman	Entomology and Nematology	August 2012
Chair Master's	Michael Bentley	Entomology and Nematology	May 2008
Co-Chair Ph.D.	Xinyue Huang	Ecology and Evolutionary Biology (TAMU)	August 2022
Co-Chair Ph.D.	Yuexun Tian	Entomology and Nematology	May 2022
Co-Chair Ph.D.	Roxanne Burrus	Entomology and Nematology	August 2010
Co-Chair Master's	Roxie White	Entomology and Nematology	December 2019
Member Ph.D.	Natasha Agramonte	Entomology and Nematology	August 2020
Member Ph.D.	Aaron Lloyd	Entomology and Nematology	Left program
Member Ph.D.	Ricardo Vazquez	Entomology and Nematology	Left program
Member Ph.D.	Margaret Lehnert	Entomology and Nematology	Left program
Member Ph.D.	Melissa Doyle	Entomology and Nematology	Left program
Member Ph.D.	Minyuan Tie	Entomology and Nematology	Left program
Member Ph.D.	Caroline Efstathion	Entomology and Nematology	December 2015
Member Master's	Eshita Shahanaz	Animal Science (TAMU)	xAugust 2025
Member Master's	Alicia Montemayor	Poultry Science (TAMU)	xDecember 2025
Member Master's	Elizabeth Holda	Poultry Science (TAMU)	May 2024
Member Master's	Zach Kaplan	Entomology and Nematology	August 2019
*Member Master's	Sara Milne	Entomology and Nematology	Left program
Member Master's	Shiyao Jiang	Entomology and Nematology	August 2016
Member Master's	Nicholas Larson	Entomology and Nematology	May 2014
*Member Master's	Gretell Garcia	Entomology and Nematology	December 2013
*Member Master's	Jennifer Russell	Entomology and Nematology	May 2013
*Member Master's	Angelique Showman	Entomology and Nematology	May 2010
*Member Master's	Gisette Seferina	Entomology and Nematology	December 2009
Member Master's	Catherine Zettel Nalen	Entomology and Nematology	August 2009
Member Master's	Melissa Doyle	Entomology and Nematology	August 2007
Member Master's	Aaron Lloyd	Entomology and Nematology	December 2006
Member Master's	Ryan Welch	Entomology and Nematology	December 2006

External Ph.D.	Stephanie Mundis	Geography	May 2021
**External Ph.D.	Alexandra Burne	Veterinary Medical Sciences	xAugust 2022
**External Ph.D.	Michael McCown	Veterinary Medical Sciences	xAugust 2022

Postdoctoral Advising

Rajinder S. Mann	2007-2011
Luisa Domingues	2020-2021
Brandon Lyons	2021-2024
Emrah Ozel	2022-present
Sarah Mays Maestas	2022-2023
Xinyue Huang	2022-present
Jordan Salomon	2025-present

Honors and Awards for Graduate Students in My Program

Student	Award and Awarding Group
Lauren Beebe	• AB and Dr. C.E. Hoelscher '62 Graduate Scholarship ($2,500), TAMU, 2024. • Knipling-Bushland-Swahrf Graduate Student Scholarship ($10,000), TAMU, 2024. • 1st place in the Oral Competition for the Presidents Prize at the Southwestern Branch Meeting of the Entomological Society of America, Albuquerque, NM, 2024. • AB and Dr. C.E. Hoelscher '62 Graduate Scholarship ($2,500), TAMU, 2023. • Knipling-Bushland-Swahrf Graduate Student Scholarship ($10,000), TAMU, 2023. • AB and Dr. C.E. Hoelscher '62 Graduate Scholarship ($2,500), TAMU, 2022.
Sarah Maestas	• 1st place winner doctoral presentation category, Entomological Society of America 2021, Denver, CO.
Yuexun Tian	• University of Florida, A. S. Herlong Scholarship ($2,000) 2021. • University of Florida, Florida Medical Entomology Laboratory (FMEL) Partial Assistantship Scholarship ($15,250), 2021. • 1st place winner doctoral presentation, 2nd Annual John Beidler FMEL Graduate Student Research Symposium, University of Florida, Vero Beach, FL, 2021.
Chris Bibbs	• Invited Plenary Speaker, 13th Mosquito Control Association of Australia Conference, Kingscliff, NSW, Australia, September 02-05, 2018. • 1st place winner doctoral presentation category, Entomological Society of America / Canadian Entomological Society of America 2018, Vancouver, Canada. • 2nd place winner of Student Paper Presentation, American Mosquito Control Association. Annual Meeting ($1,000), 2018. Kansas City, MO. • University of Florida Grinter Fellowship for the 2018/2019 academic year ($2,333). • University of Florida Grinter Fellowship for the 2017/2018 academic year ($2,333). • Florida Mosquito Control Association, Cy Lesser Memorial Scholarship ($2,000), 2017. • University of Florida Grinter Fellowship for the 2016/2017 academic year ($2,000).
Chris Holderman	• Mulrennen Award, Best Dissertation UF Entomology and Nematology Department, 2016. • Travel scholarship by the organizing committee of the Livestock Insect Workers' Conference ($550), Oklahoma City, OK, 2016. • Travel scholarship by the organizing committee of the Livestock Insect Workers' Conference ($1,200), Boston, MA, 2015.

	• UF/IFAS travel grant ($200), 2015. • Entomological Society of America, Medical, Urban and Veterinary Entomology section scholarship ($500), Portland, OR, 2014.
Robert Aldridge	• T. Wainwright Miller, Jr., Florida Mosquito Control Association Scholarship Award, 2nd place winner, Coral Gables, FL ($500), 2013.
Tim Davis	• UF/IFAS High Impact Research Publication, 2017. Davis, T.J., D.L. Kline, and **P.E. Kaufman**. 2016. *Aedes albopictus* (Diptera: Culicidae) oviposition preference as influenced by container size and *Buddleja davidii* plants. *Journal of Medical Entomology.* 53: 273-278. DOI: 10.1093/jme/tjv201. • Medical, Urban and Veterinary Entomology section, 1st place for oral presentation in the Competition for the Presidents Prize, Annual Meeting of the Entomological Society of America, Knoxville, TN, 2012.
Amanda Eiden	• UF/IFAS High Impact Research Publication, 2016. Eiden, A.L., **P.E. Kaufman**, F.M. Oi, S.A. Allan, and R.J. Miller. 2015. Detection of permethrin resistance and fipronil tolerance in *Rhipicephalus sanguineus* (Acari: Ixodidae) in the United States. *Journal of Medical Entomology*. 52: 429-436. DOI: 10.1093.jme/tjv005. • Research award from the Medical, Urban and Veterinary Entomology section of the Entomological Society of America, 2012. • Pi Chi Omega scholarship, for the 2011/2012 academic year ($2,000).
Roxanne Burrus	• Structural, Veterinary and Public Health Systems section, 1st place for oral presentation in the Competition for the Presidents Prize at the Annual Meeting of the Entomological Society of America, Indianapolis, IN, 2009.
Jimmy Pitzer	• Robert T. Gast Award, 1st place in the Ph.D. Student Oral Presentation Competition at the 83rd Annual Meeting of the Southeastern Branch of the Entomological Society of America, Montgomery, AL, 2009.
Peter Obenauer	• Robert T. Gast Award, 1st place in the Ph.D. Student Oral Presentation Competition at the 82nd Annual Meeting of the Southeastern Branch of the Entomological Society of America, Jacksonville, FL, 2008. • 2nd place in the Section D Oral Presentation Competition for the Presidents Prize at the Annual Meeting of the Entomological Society of America, San Diego, CA, 2007.
Michael Bentley	• Florida Entomological Society Annual Award for K-12 Teaching, 2007. • UF/IFAS travel grant to attend the Annual Meeting of the Entomological Society of America, San Diego, CA, 2007.

PUBLICATIONS: REFEREED

Analytics available at: https://scholar.google.com/citations?user=ykeRbUgAAAAJ&hl=en&oi=ao

BOOKS AND BOOK CHAPTERS (3)

3. Todorovic, S., T. McKay, and **P. Kaufman**. 2022.Vector control approaches for canine filariasis. In R. Kaminsky and T. Geary, eds. Human and Animal Filariases: Landscape, Challenges, and Control. Wiley, pp. 565-588. https://doi.org/10.1002/9783527823413.ch23

2. Fishel, F. and **P.E. Kaufman**. 2009. Agricultural Animal Pest Control, 2nd ed. University of Florida, Institute of Food and Agricultural Sciences, Gainesville, FL. 62 p.

1. Kaufman, P.E. 2002. Dairy pest management, arthropods. *In* D. Pimentel, ed. Encyclopedia of Pest Management. Marcel Dekker, Inc. 181-183.

PEER-REVIEWED JOURNAL PUBLICATIONS

ALL PEER-REVIEWED JOURNAL PUBLICATIONS (129)

129. Zwally, K.M., E. Holda, I. Perez, **P.E. Kaufman**, B. Lyons, G. Athrey, T.M. Taylor. 2025. Detection and antimicrobial resistance profiles of *Salmonella enterica* recovered from house fly intestinal tracts and environments of selected broiler farms in Texas. *Letters in Applied Microbiology*. https://doi.org/10.1093/lambio/ovaf007. (*In Press*)

128. Mays Maestas, S.M., L.P. Maestas, and **P.E. Kaufman**. 2024. Pathogen and host associations of soft ticks collected in south Texas. *Vector-Borne and Zoonotic Diseases*. https://doi.org/10.1089/vbz.2023.0135.

127. Huang, X., **P.E. Kaufman**, G.N. Athrey, C. Fredregill, and M.A. Slotman. 2024. Unveiling potential key genes associated with metabolic resistance to malathion in *Aedes albopictus* through RNA sequencing-based transcriptome profiling. *PLoS Neglected Tropical Diseases*. 18(6): e0012243. DOI: https://doi.org/10.1371/journal.pntd.0012243.

126. McKay, S.A., C.J. McKay, C.S. Bibbs, J.R. Bloomquist, and **P.E. Kaufman**. 2024. Fecundity decline is male-derived following transfluthrin exposures in a field strain of *Aedes albopictus* (Diptera: Culicidae). *Journal of Medical Entomology*. DOI: https://doi.org/10.1093/jme/tjae022.

125. Huang, X., G.N. Athrey, **P.E. Kaufman**, C. Fredregill, and M.A. Slotman. 2023. Effective population size of *Culex quinquefasciatus* under insecticide-based vector management and following Hurricane Harvey in Harris County, Texas. *Frontiers in Genetics*. 14: 1297271. DOI: https://doi.org/10.3389/fgene.2023.1297271.

124. Mays Maestas, S.M., L.P. Campbell, M.P. Milleson, L.E. Reeves, **P.E. Kaufman**, and S.M. Wisely. 2023. Ticks and tick-borne pathogens from wild pigs in northern and central Florida. *Insects.* 14: 612. DOI: https://doi.org/10.3390/insects14070612.

123. Tian, Y., C.C. Lord, C.E. Taylor, and **P.E. Kaufman**. 2023. Using environmental factors to predict *Rhipicephalus sanguineus* s.l. (Acari: Ixodidae) mortality. *Pest Management Science*. 79: 3043-3049. DOI: https://doi.org/10.1002/ps.7479.

122. Huang, X., **P.E. Kaufman**, G.N. Athrey, C. Fredregill, C. Alvarez, and M.A. Slotman. 2023. Potential key genes involved in metabolic resistance to malathion in the southern house mosquito, *Culex quinquefasciatus,* and functional validation of *CYP325BC1* and *CYP9M12* as candidate genes using RNA interference. *BMC Genomics*. 24: 160. DOI: https://doi.org/10.1186/s12864-023-09241-4.

121. Mays Maestas, S.M., L.P. Campbell, S.M. Wisely, P.A. Dingman, L.E. Reeves, and **P.E. Kaufman**. 2023. Comparison of ectoparasite communities of sylvatic and urban wild mesomammals and unowned community cats in north central Florida. *Journal of Medical Entomology*. 60: 460-469. DOI: https://doi.org/10.1093/jme/tjad026.

120. Tian, Y., C.E. Taylor, C.C. Lord, and **P.E. Kaufman**. 2023. Evidence of permethrin resistance and fipronil tolerance in *Rhipicephalus sanguineus* s.l. (Acari: Ixodidae) populations from Florida and California. *Journal of Medical Entomology*. 60: 412-416. DOI: https://doi.org/10.1093/jme/tjac185.

119. Tian, Y., **P.E. Kaufman**, C.E. Taylor, L. Beati, and C.C. Lord. 2022. Variable effects of temperature and relative humidity on *Rhipicephalus sanguineus* s.l. (Acari: Ixodidae) development. *Environmental Entomology*. 51: 848-858. DOI: https://doi.org/10.1093/ee/nvac027.

118. Kaplan, Z.D., E. Richardson, C.E. Taylor, **P.E. Kaufman**, and E.N.I. Weeks. 2022. Determination of the discriminating concentration towards permethrin for surveying resistance in *Amblyomma americanum*. *Journal of Medical Entomology*. 59: 922-929. DOI: https://doi.org/10.1093/jme/tjac029.

117. Rochon, K., J.A. Hogsette, **P.E. Kaufman**, P.U. Olafson, S.L. Swiger, and D.B. Taylor. 2021. Stable fly (Diptera: Muscidae): Biology, management, and research needs. *Journal of Integrated Pest Management*. 12, 38. DOI: https://doi.org/10.1093/jipm/pmab029.

116. Geden, C.J., D. Nayduch, J.G. Scott, E.R. Burgess, A.C. Gerry, **P.E. Kaufman**, J. Thomson, V. Pickens, and E.T. Machtinger. 2021. House fly (Diptera: Muscidae): Biology, pest status, current management prospects, and research needs. *Journal of Integrated Pest Management*. 12, 39. DOI: https://doi.org/10.1093/jipm/pmaa021.

115. White, R.L., C.J. Geden, **P.E. Kaufman**, and D. Johnson. 2021. Comparative virulence of *Metarhizium anisopliae* and four strains of *Beauveria bassiana* against house fly (Diptera: Muscidae) adults with attempted selection for faster mortality. *Journal of Medical Entomology.* 58: 1771-1778. DOI: https://doi.org/10.1093/jme/tjab027.

114. Bibbs, C.S., **P.E. Kaufman**, and R.D. Xue. 2021. Adulticidal efficacy and sublethal effects of metofluthrin in residual insecticide blends against wild *Aedes albopictus* (Diptera: Culicidae). *Journal of Economic Entomology.* 114: 928-936. DOI: https://doi.org/10.1093/jee/toaa321.

113. Holderman, C., N.O. Abruzzo, N.A. Abdelsmad, **P.E. Kaufman**, and P.M. Digennaro. 2021. Collection and DNA detection of *Dirofilaria immitis* (Rhabditida Onchocercidae), using a novel primer set, in wild-caught mosquitoes from Gainesville, FL. *Journal of Medical Entomology*. 58: 1429-1432. DOI: https://doi.org/10.1093/jme/tjaa272.

112. Pileggi, M., J. Chase, R. Shu, L. Teng, K.C. Jeong, **P.E. Kaufman**, and A.C.N. Wong. 2021. Prevalence of field-collected house flies and stable flies with bacteria displaying cefotaxime and multidrug resistance. *Journal of Medical Entomology*. 58: 921-928. DOI: https://doi.org/10.1093/jme/tjaa241.

111. Tucker, N.S.G., E.N.I. Weeks, L. Beati, and **P.E. Kaufman**. 2021. Prevalence and distribution of pathogen infection and permethrin resistance in tropical and temperate populations of *Rhipicephalus sanguineus* s.l. collected worldwide. *Medical and Veterinary Entomology.* 35: 147-157. DOI: https://doi.org/10.1111/mve.12479.

110. White, R., C.J. Geden, and **P.E. Kaufman**. 2021. Exposure timing and method affects *Beauveria bassiana* efficacy against house fly (Diptera: Muscidae) larvae. *Journal of Medical Entomology*. 58: 372-378. DOI: https://doi.org/10.1093/jme/tjaa156.

109. Kaplan, Z.D., E.A. Richardson, **P.E. Kaufman**, and E.N.I. Weeks. 2020. Evaluation of fipronil susceptibility in the lone star tick, *Amblyomma americanum*. *Journal of Medical Entomology*. 57: 1314-1317. DOI: https://doi.org/10.1093/jme/tjaa028.

108. Bibbs, C.S., **P.E. Kaufman**, and R.D. Xue. 2020. Comparative evaluation of metofluthrin as an outdoor residual treatment for barriers and harborage against *Aedes albopictus* (Diptera: Culicidae). *Environmental Entomology*. 49: 435-443. DOI: https://doi.org/10.1093/ee/nvz170.

107. Weeks, E.N.I., S.A. Allan, S.A. Gezan, and **P.E. Kaufman**. 2020. Auto-dissemination of commercially available fungal pathogens for management of the brown dog tick, *Rhipicephalus sanguineus*. *Medical and Veterinary Entomology*. 34: 184-191. DOI: https://doi.org/10.1111/mve.12426.

106. Fan, Y., P. O'Grady, Y. Melissa, A. Ponlawat, **P. Kaufman**, and J. Scott. 2020. Evidence for both sequential mutations and recombination in the evolution of *kdr* alleles in *Aedes aegypti*. *PLOS Neglected Tropical Diseases*. 14: e0008154. DOI: https://doi.org/10.1371/journal.pntd.008154.

105. Bibbs, C.S., J. Kline, D.L. Kline, J. Estaver, R. Strohschein, S.A. Allan, **P.E. Kaufman**, R.D. Xue, and C.D. Batich. 2020. Olfactometric comparison of the volatile insecticide, metofluthrin, through behavioral responses of *Aedes albopictus* (Diptera: Culicidae). *Journal of Medical Entomology*. 57: 17-24. DOI: https://doi.org/10.1093/jme/tjz160.

104. Tucker, N.S.G., **P.E. Kaufman**, and E.N.I. Weeks. 2019. Identification of permethrin and etofenprox cross-resistance in *Rhipicephalus sanguineus* sensu lato (Latrielle)(Acari:Ixodidae). *Pest Management Science*. 75: 2,794-2,801. DOI: https://doi.org/10.1002/ps.5391.

103. Bibbs, C.S., J.R. Bloomquist, D.A. Hahn, **P.E. Kaufman**, and R.D. Xue. 2019. Gone in 60 seconds: Sub-lethal effects of metofluthrin vapors on behavior and fitness of resistant and field strains of *Aedes aegypti* (Diptera: Culicidae). *Journal of Medical Entomology*. 56: 1087-1094. DOI: https://doi.org/10.1093/jme/tjz048.

102. Olafson, P., **P.E. Kaufman**, G. Duvallet, J. Solórzano, D. Taylor, and R. Trout Fryxell. 2019. Frequency of *kdr* and *kdr-his* alleles in stable fly (Diptera: Muscidae) populations from the United States, Costa Rica, France, and Thailand. *Journal of Medical Entomology*. 56: 1145-1149. DOI: https://doi.org/10.1093/jme/tjz012.

101. Ledesma, N.A., **P.E. Kaufman**, R.D. Xue, and L.A. Harrington. 2019. Entomological and socio-behavioral components of dog heartworm (*Dirofilaria immitis*) prevalence in two Florida communities. *Journal of the American Veterinary Medical Association.* 254: 93-103. DOI: https://doi.org/10.2460/javma.254.1.93.

100. Orobello, N., C. Dirain, **P. Kaufman**, and P. Antonelli. 2018. Efficacy of common reagents for killing ticks in the ear canal. *Laryngoscope Investigative Otolaryngology*. 3: 492-495. DOI: https://doi.org/10.1002/lio2.217.

99. Reeves, L.E., J.L. Gillett-Kaufman, A.Y. Kawahara, and **P.E. Kaufman**. 2018. Barcoding blood meals: New vertebrate-specific primer sets for assigning taxonomic identities to host DNA from mosquito blood meals. *PLOS Neglected Tropical Diseases*. 12(8). DOI: https://doi.org/10.1371/journal.pntd.0006767.

98. Bibbs, C.S., D.A. Hahn, **P.E. Kaufman**, and R.D. Xue. 2018. Sublethal effects of a vapour-active pyrethroid, transfluthrin, on *Aedes aegypti* and *Ae. albopictus* fecundity and oviposition behavior (Diptera: Culicidae). *Parasites & Vectors*. 11, 486. DOI: https://doi.org/10.1186/s13071-018-3065-4.

97. Holderman, C.J., D.R. Swale, J.R. Bloomquist, and **P.E. Kaufman**. 2018. Resistance to permethrin, β-cyfluthrin, and diazinon in Florida horn fly populations. *Insects*. 9, 63. DOI: https://doi.org/10.3390/insects9020063.

96. Bibbs, C.S., M. Tsikolia, U.R. Bernier, J.R. Bloomquist, R.D. Xue, and **P.E. Kaufman**. 2018. Vapor toxicity of five volatile pyrethroids against *Aedes aegypti*, *Ae. albopictus*, *Culex quinquefasciatus*, and *Anopheles quadrimaculatus* (Diptera: Culicidae). *Pest Management Science*. 76: 2699-2706. DOI: https://doi.org/10.1002/ps.5088.

95. Reeves, L.E., C.J. Holderman, E.M. Blosser, J.L. Gillett-Kaufman, A.Y. Kawahara, **P.E. Kaufman**, and N. Burkett-Cadena. 2018. Identification of *Uranotaenia sapphirina* as a specialist of annelids broadens known mosquito host use patterns. *Communications Biology*. 1, 92. DOI: https://doi.org/10.1038/s42003-018-0096-5.

94. Reeves, L.E., K. Krysko, M. Avery, C.R. Connelly, J.L. Gillett-Kaufman, A.Y. Kawahara, and **P.E. Kaufman**. 2018. Interactions between the invasive Burmese python, *Python bivittatus* Kuhl, and the local mosquito community in Florida, USA. *PLOS One.* 13: e0190633. DOI: https://doi.org/10.1371/journal.pone.0190633.

93. Holderman, C.J., S.A. Gezan, A.E.S. Stone, C.R. Connelly, and **P.E. Kaufman**. 2018. Mosquitoes collected from residential yards and dog kennels in Florida using two aspirators, a sweep net, or a CDC trap. *Journal of Medical Entomology*. 55: 230-236. DOI: https://doi.org/10.1093/jme/tjx171.

92. Hertz, J.C., B.C. Ferree Clemons, C.C. Lord, S.A. Allan, and **P.E. Kaufman**. 2017. Distribution and host associations of ixodid ticks collected from wildlife in Florida. *Experimental and Applied Acarology*. 73: 223-236. DOI: https://doi.org/10.1007/s10493-017-0183-1.

91. Aldridge, R.L., **P.E. Kaufman**, J.R. Bloomquist, S.A. Gezan, and K.J. Linthicum. 2017. Application site and mosquito age influences malathion- and permethrin-induced mortality in *Culex*

quinquefasciatus. *Journal of Medical Entomology*. 54: 1692-1698. DOI: https://doi.org/10.1093/jme/tjx160.

90. Tucker, N.S.G., **P.E. Kaufman**, E.N.I. Weeks, J. Rowland, J. Tidwell, and R.J. Miller. 2017. Characterization of a sodium channel mutation in permethrin-resistant *Rhipicephalus sanguineus* (Acari: Ixodidae). *Journal of Medical Entomology*. 54: 1633-1638. DOI: https://doi.org/10.1093/jme/tjx127.

89. Klafke, G., R. Miller, J. Tidwell, R. Barreto, F. Guerrero, **P. Kaufman**, and B. Perez de Leon. 2017. Mutation in the sodium channel gene corresponds with phenotypic resistance of the brown dog tick, *Rhipicephalus sanguineus* sensu lato (Latreille) (Acari: Ixodidae) to pyrethroids. *Journal of Medical Entomology*. 54: 1639-1642. DOI: https://doi.org/10.1093/jme/tjx060.

88. Aldridge, R.L., **P.E. Kaufman**, J.R. Bloomquist, S.A. Gezan, and K.J. Linthicum. 2017. Permethrin and malathion LD_{90} values for *Culex quinquefasciatus* vary with topical application site. *Medical and Veterinary Entomology*. 31: 306-311. DOI: https://doi.org/10.1111/mve.12236.

87. Bibbs, C.S. and **P.E. Kaufman**. 2017. Volatile pyrethroids as a potential mosquito abatement tool: A review of pyrethroid containing spatial repellents. *Journal of Integrated Pest Management*. 8, 21. DOI: https://doi.org/10.1093/jipm/pmx016.

86. Eiden, A.E., **P.E. Kaufman**, F.M. Oi, M. Dark, J. Bloomquist, and R. Miller. 2017. Determination of metabolic resistance mechanisms in pyrethroid-resistant and fipronil-tolerant brown dog ticks. *Medical and Veterinary Entomology*. 31: 243-251. DOI: https://doi.org/10.1111/mve.12240.

85. Holderman, C.J., **P.E. Kaufman**, M.M. Booth, and U.R. Bernier. 2017. Novel collection method for volatile organic compounds (VOCs) from dogs. *Journal of Chromatography B*. 1061-1062: 1-4. DOI: https://doi.org/10.1016/j.jchromb.2017.06.044.

84. Kanzaki, N., R.M. Giblin-Davis, R. Gonzalez, L.A. Wood, and **P.E. Kaufman**. 2017. *Sudhausia floridensis* n. sp. (Diplogastridae) isolated from *Onthophagus tuberculifrons* (Scarabaeidae) from Florida, USA. *Nematology*. 19: 575-586. DOI: https://doi.org/10.1163/15685411-00003071.

83. Holderman, C.J., L.A. Wood, C.J. Geden, and **P.E. Kaufman**. 2017. Discovery, development, and evaluation of a horn fly-isolated (Diptera: Muscidae) *Beauveria bassiana* (Hypocreales: Cordyciptaceae) strain from Florida, U.S.A. *Journal of Insect Science*. 17: 51. DOI: https://doi.org/10.1093/jisesa/iex019.

82. Carnohan, L.P., **P.E. Kaufman**, S.A. Allan, S.A. Gezan, and E.N.I. Weeks. 2017. Laboratory and field evaluation of brown dog tick behavioral responses to potential semiochemicals. *Ticks and Tick-borne Diseases*. 8: 226-234. DOI: https://doi.org/10.1016/j.ttbdis.2016.11.003.

81. Weeks, E.N.I., E.T. Machtinger, S.A. Gezan, **P.E. Kaufman**, and C.J. Geden. 2017. Effect of four commercial fungal formulations on mortality and sporulation of house flies (*Musca domestica*) and stable flies (*Stomoxys calcitrans*). *Medical and Veterinary Entomology.* 31: 15-22. DOI: https://doi.org/10.1111/mve.12201.

80. Burrus, R.G., J.A. Hogsette, **P.E. Kaufman**, J.E. Maruniak, A.H. Simmone, and V. Mai. 2017. Prevalence of *Escherichia coli* O157:H7 from house flies (Diptera: Muscidae) and dairy samples in north central Florida. *Journal of Medical Entomology.* 54: 733-741. DOI: https://doi.org/10.1093/jme/tjw205.

79. Aldridge, R.L., **P.E. Kaufman**, J.R. Bloomquist, S.A. Gezan, and K.J. Linthicum. 2016. Impact of topical application site efficacy of permethrin and malathion on *Culex quinquefasciatus*. *Journal of the American Mosquito Control Association*. 32: 300-307. DOI: https://doi.org/10.2987/16-6584.1.

78. Reeves, L.E., C.J. Holderman, J.L. Gillett-Kaufman, A.Y. Kawahara, and **P.E. Kaufman**. 2016. Maintenance of host DNA integrity in field-preserved mosquito (Diptera: Culicidae) blood meals for identification by DNA barcoding. *Parasites & Vectors*. 9, 503. DOI: https://doi.org/10.1186/s13071-016-1791-z.

77. Machtinger, E.T., E.N.I. Weeks, C.J. Geden, and **P.E. Kaufman**. 2016. House fly (*Musca domestica*) (Diptera: Muscidae) mortality after exposure to commercial fungal formulations in a sugar bait. *Biocontrol Science and Technology.* 26: 1444-1450. DOI: https://doi.org/10.1080/09583157.2016.1210085.

76. Davis, T.J., D.L. Kline, and **P.E. Kaufman**. 2016. Assessment of *Aedes albopictus* (Skuse) (Diptera: Culicidae) clutch size in wild and laboratory populations. *Journal of Vector Ecology.* 41: 11-17. DOI: https://doi.org/10.1111/jvec.12188.

75. Eiden, A.L., **P.E. Kaufman**, S.A. Allan, and F.M. Oi. 2016. Establishing the discriminating concentration for permethrin and fipronil resistance in *Rhipicephalus sanguineus* (Latreille) (Acari: Ixodidae), the brown dog tick. *Pest Management Science.* 72: 1390-1395. DOI: https://doi.org/10.1002/ps.4165.

74. Davis, T.J., D.L. Kline, and **P.E. Kaufman**. 2016. *Aedes albopictus* (Diptera: Culicidae) oviposition preference as influenced by container size and *Buddleja davidii* plants. *Journal of Medical Entomology.* 53: 273-278. DOI: https://doi.org/10.1093/jme/tjv201.

73. Davis, T.J., **P.E. Kaufman**, A.J. Tatem, J.A. Hogsette, and D.L. Kline. 2016. Development and evaluation of an attractive self-marking ovitrap to measure dispersal and determine skip oviposition in *Aedes albopictus* (Diptera: Culicidae) field populations. *Journal of Medical Entomology.* 53: 31-38. DOI: https://doi.org/10.1093/jme/tjv170.

72. Davis, T.J., **P.E. Kaufman**, J.A. Hogsette, and D.L. Kline. 2015. The effects of larval habitat quality on *Aedes albopictus* (Skuse) (Diptera: Culicidae) skip oviposition. *Journal of the American Mosquito Control Association*. 31: 321-328. DOI: https://doi.org/10.2987/moco-31-04-321-328.1.

71. Machtinger, E.T., C.J. Geden, **P.E. Kaufman**, and A.M. House. 2015. Use of pupal parasitoids as biological control agents of filth flies on equine facilities. *Journal of Integrated Pest Management*. 6: 16. DOI: https://doi.org/10.1093/jipm/pmv015.

70. Li, C., **P.E. Kaufman**, R.D. Xue, M. Zhao, G. Wang, T. Yan, X. Guo, Y. Zhang, Y. Dong, D. Zing, H. Zhang, and T. Zhao. 2015. Relationship between insecticide resistance and *kdr* mutations in the dengue vector *Aedes aegypti* in southern China. *Parasites & Vectors*. 8: 325. DOI: https://doi.org/10.1186/s13071-015-0933-z.

69. Fulcher, A., M. Farooq, M.L. Smith, C.X. Li, J.M. Scott, E. Thomson, **P.E. Kaufman**, and R.D. Xue. 2015. Evaluation of a new spraying machine for barrier treatment and penetration of bifenthrin-barrier spray on vegetation against mosquitoes. *Journal of the American Mosquito Control Association*. 31: 85-92. DOI: https://doi.org/10.2987/14-6424R.1.

68. Li, C.X., M.L. Smith, A. Fulcher, **P.E. Kaufman**, T.Y Zhao, and R.D. Xue. 2015. Field evaluation of three commercial light traps against two standard light traps to collect mosquitoes and non-target insects in northeast Florida. *Florida Entomologist*. 98: 114-117. DOI: https://doi.org/10.1653/024.098.0118.

67. Eiden, A.L., **P.E. Kaufman**, F.M. Oi, and R.J. Miller. 2015. Detection of permethrin resistance, and fipronil tolerance in *Rhipicephalus sanguineus* (Acari: Ixodidae) in the United States. *Journal of Medical Entomology*. 52: 429-436. DOI: https://doi.org/10.1093/jme/tjv005.

66. Carnohan, L.P., **P.E. Kaufman**, S.A. Allan, S.A. Gezan, and E.N.I. Weeks. 2015. Evaluation of four bed bug traps for surveillance of the brown dog tick (Acari: Ixodidae). *Journal of Medical Entomology.* 52: 260-268. DOI: https://doi.org/10.1093/jme/tju020.

65. **Kaufman, P.E.** and L.A. Wood. 2015. Discovery and successful development of *Cuterebra americana* (Diptera: Oestridae) from an atypical host, *Rattus rattus* (Rodentia: Muridae), in Florida, U.S.A. *Florida Entomologist.* 98: 349-351. DOI: https://doi.org/10.1653/024.098.0154.

64. Seraydar, K.R. and **P.E. Kaufman**. 2015. Does behavior play a role in house fly resistance to imidacloprid-containing baits? *Medical and Veterinary Entomology*. 29: 60-67. DOI: https://doi.org/10.1111/mve.12095.

63. Geden, C.J., D.M. Johnson, **P.E. Kaufman**, and C.K. Boohene. 2014. Competition between the filth fly parasitoids *Muscidifurax raptor* and *M. raptorellus* (Hymenoptera: Pteromalidae). *Journal of Vector Ecology*. 39: 278-287. DOI: https://doi.org/10.1111/jvec.12102.

62. Wang, D., D.D. Bowman, H.E. Brown, L.C. Harrington, **P.E. Kaufman**, T. McKay, C.T. Nelson, J. Sharp, and R. Lund. 2014. Key factors influencing canine heartworm (*Dirofilaria immitis*) prevalence. *Parasites & Vectors*. 7: 264. DOI: https://doi.org/10.1186/1756-3305-7-264.

61. Kavi, L.A.K., **P.E. Kaufman**, and J.G. Scott. 2014. Genetics and mechanisms of imidacloprid resistance in house flies. *Pesticide Biochemistry and Physiology*. 109: 64-69. DOI: https://doi.org/10.1016/j.pestbp.2014.01.006.

60. Zettel Nalen, C.M., S.A. Allan, J.J. Becnel, and **P.E. Kaufman**. 2013. Oviposition substrate selection by Florida mosquitoes in response to pathogen-infected conspecific larvae. *Journal of Vector Ecology*. 38: 182-187. DOI: https://doi.org/10.1111/j.1948-7134.2013.12025.x.

59. Brown, H.E., L.C. Harrington, **P.E. Kaufman**, T. McKay, D.D. Bowman, C.T. Nelson, D. Wang, and R. Lund. 2012. Key factors influencing canine heartworm, *Dirofilaria immitis*, in the United States. *Parasites & Vectors*. 5: 245. DOI: https://doi.org/10.1186/1756-3305-5-245.

58. **Kaufman, P.E.**, C. Reasor, J.K. Waldron, and D.A. Rutz. 2012. Individual and combined releases of *Muscidifurax raptor* and *M. raptorellus* (Hymenoptera: Pteromalidae) as a biological control tactic targeting house flies in dairy calf facilities. *Journal of Medical Entomology*. 49: 1059-1066. DOI: https://doi.org/10.1603/ME11181.

57. Mann, R.S. and **P.E. Kaufman**. 2012. Natural product pesticides: Their development, delivery and use against insect vectors. *Mini-Reviews in Organic Chemistry*. 9: 185-202. DOI: https://doi.org/10.2174/157019312800604733.

56. **Kaufman, P.E.** and L.A. Wood. 2012. Indigenous and exotic dung beetles (Coleoptera: Scarabaeidae and Geotrupidae) collected in Florida cattle pastures. *Annals of the Entomological Society of America*. 105: 225-231. DOI: https://doi.org/10.1603/AN11121.

55. Pitzer, J.B., **P.E. Kaufman**, J.A. Hogsette, C.J. Geden, and S.H. TenBroeck. 2011. Seasonal abundance of stable flies and filth fly pupal parasitoids (Hymenoptera: Pteromalidae) at Florida equine facilities. *Journal of Economic Entomology.* 104: 1108-1115. DOI: https://doi.org/10.1603/EC10227.

54. Pitzer, J.B., **P.E. Kaufman**, C.J. Geden, and J.A. Hogsette. 2011. The ability of selected pupal parasitoids (Hymenoptera: Pteromalidae) to locate stable fly hosts in a soiled equine bedding substrate. *Environmental Entomology.* 40: 88-93. DOI: https://doi.org/10.1603/EN10124.

53. Olafson, P.U., J.B. Pitzer, and **P.E. Kaufman**. 2011. Identification of a mutation associated with permethrin resistance in the *para*-type sodium channel of the stable fly (Diptera: Muscidae). *Journal of Economic Entomology.* 104: 250-257. DOI: https://doi.org/10.1603/EC10307.

52. Pitzer, J.B., **P.E. Kaufman**, S.H. TenBroeck, and J.E. Maruniak. 2011. Host blood meal identification by multiplex polymerase chain reaction for dispersal evidence of stable flies (Diptera: Muscidae) between livestock facilities. *Journal of Medical Entomology*. 48: 53-60. DOI: https://doi.org/10.1603/me10123.

51. **Kaufman, P.E.**, R.S. Mann, and J.F. Butler. 2011. Insecticidal potency of novel compounds on multiple insect species of medical and veterinary importance. *Pest Management Science.* 67: 26-35. DOI: https://doi.org/10.1002/ps.2025.

50. Pitzer, J.B., **P.E. Kaufman**, and S.H. TenBroeck. 2010. Assessing permethrin resistance in the stable fly (Diptera: Muscidae) in Florida using laboratory selections and field evaluations. *Journal of Economic Entomology*. 103: 2258-2263. DOI: https://doi.org/10.1603/EC10166.

49. Obenauer, P.J., S.A. Allan, and **P.E. Kaufman**. 2010. *Aedes albopictus* (Diptera: Culicidae) oviposition response to organic infusions from common flora of suburban Florida. *Journal of Vector Ecology.* 35: 301-306. DOI: https://doi.org/10.1111/j.1948-7134.2010.00086.x.

48. Mann, R.S. and **P.E. Kaufman**. 2010. Colonization of *Lutzomyia shannoni* (Diptera: Psychodidae) utilizing an artificial blood feeding technique. *Journal of Vector Ecology.* 35: 286-294. DOI: https://doi.org/10.1111/j.1948-7134.2010.00084.x.

47. Obenauer, P.J., **P.E. Kaufman**, D.L. Kline, and S.A. Allan. 2010. Detection of and monitoring for *Aedes albopictus* (Diptera: Culicidae) in suburban and sylvatic habitats in north central Florida using four sampling techniques. *Environmental Entomology.* 39: 1608-1616. DOI: https://doi.org/10.1603/EN09322.

46. **Kaufman, P.E.**, S.C. Nunez, C.J. Geden, and M.E. Scharf. 2010. Selection for resistance to imidacloprid in the house fly (Diptera: Muscidae). *Journal of Economic Entomology.* 103: 1937-1942. DOI: https://doi.org/10.1603/EC10165.

45. Mann, R.S., **P.E. Kaufman**, and J.F. Butler. 2010. Evaluation of semiochemical toxicity to houseflies and stable flies (Diptera: Muscidae). *Pest Management Science.* 66: 816-824. DOI: https://doi.org/10.1002/ps.1946.

44. **Kaufman, P.E.**, R.S. Mann, and J.F. Butler. 2010. Evaluation of semiochemical toxicity to *Aedes aegypti*, *Ae. albopictus* and *Anopheles quadrimaculatus* (Diptera: Culicidae). *Pest Management Science.* 66: 497-504. DOI: https://doi.org/10.1002/ps.1899.

43. Mann, R.S. and **P.E. Kaufman**. 2010. The seasonal abundance of phlebotomine sand flies, *Lutzomyia* species in Florida. *Journal of the American Mosquito Control Association.* 26: 10-17. DOI: https://doi.org/10.2987/09-5901.1.

42. **Kaufman, P.E.**, S. Nunez, R.S. Mann, C.J. Geden, and M.E. Scharf. 2010. Nicotinoid and pyrethroid insecticide resistance in houseflies (Diptera: Muscidae) collected from Florida dairies. *Pest Management Science.* 66: 290-294. DOI: https://doi.org/10.1002/ps.1872.

41. Obenauer, P.J., L.J. Buss, and **P.E. Kaufman**. 2009. Utilizing Auto-montage™ technology for identifying field-collected container-inhabiting mosquito eggs. *Journal of the American Mosquito Control Association.* 25: 517-520. DOI: https://doi.org/10.2987/09-5899.1.

40. Obenauer, P.J., **P.E. Kaufman**, S.A. Allan, and D.L. Kline. 2009. Infusion-baited ovitraps to survey ovipositional height preferences of container-breeding mosquitoes in two Florida habitats. *Journal of Medical Entomology.* 46: 1507-1513. DOI: https://doi.org/10.1603/033.046.0639.

39. Bentley, M.T., **P.E. Kaufman**, D.L. Kline, and J.A. Hogsette. 2009. Response of adult mosquitoes to light emitting diodes placed in resting boxes and in the field. *Journal of the American Mosquito Control Association.* 25: 285-291. DOI: https://doi.org/10.2987/08-5815.1.

38. Mann, R.S., **P.E. Kaufman**, and J.F. Butler. 2009. *Lutzomyia* spp. (Diptera: Psychodidae) response to olfactory attractant- and light-emitting diode-modified Mosquito Magnet X (MM-X) traps. *Journal of Medical Entomology.* 46: 1052-1061. DOI: https://doi.org/10.1603/033.046.0512.

37. **Kaufman, P.E.** and C.J. Geden. 2009. Development of *Spalangia cameroni* and *Muscidifurax raptor* (Hymenoptera: Pteromalidae) on live and freeze-killed house fly (Diptera: Muscidae) pupae. *Florida Entomologist.* 92: 492-496. DOI: https://doi.org/10.1653/024.092.0311.

36. Obenauer, P.J., **P.E. Kaufman**, S.A. Allan, and D.L. Kline. 2009. Host-seeking height preferences of *Aedes albopictus* (Diptera: Culicidae) in north central Florida suburban and sylvatic locales. *Journal of Medical Entomology.* 46: 900-908. DOI: https://doi.org/10.1603/033.046.0424.

35. Doyle, M.A., D.L. Kline, S.A. Allan, and **P.E. Kaufman**. 2009. Efficacy of residual bifenthrin applied to landscape vegetation against *Aedes albopictus* (Skuse) (Diptera: Culicidae). *Journal of the American Mosquito Control Association.* 25: 179-183. DOI: https://doi.org/10.2987/08-5804.1.

34. **Kaufman, P.E.**, J.F. Butler, and C. Nelson. 2008. Evaluation of the Mosquito Sentinel 360 trap in Florida residential environments. *Journal of the American Mosquito Control Association.* 24: 528-533. DOI: https://doi.org/10.2987/5687.1.

33. Slansky, F., **P.E. Kaufman**, and M. Bailey. 2008. First record of *Cuterebra fontinella* (Diptera: Oestridae) larvae infesting a Florida rat (Rodentia: Muridae). *Florida Entomologist.* 91: 706-708. DOI: https://doi.org/10.1653/0015-4040-91.4.706.

32. **Kaufman, P.E.**, L.A. Wood, J.I. Goldberg, S.J. Long, and D.A. Rutz. 2008. Host age and pathogen exposure level as factors in the susceptibility of *Musca domestica* (Diptera: Muscidae) to *Beauveria bassiana*. *Biocontrol Science and Technology.* 18: 841-847. DOI: https://doi.org/10.1080/09583150802376219.

31. Lloyd, A.M., D.L. Kline, J.A. Hogsette, **P.E. Kaufman**, and S.A. Allan. 2008. Evaluation of two commercial traps for the collection of *Culicoides* (Diptera: Ceratopogonidae). *Journal of the American Mosquito Control Association.* 24: 253-262. DOI: https://doi.org/10.2987/5661.1.

30. Wood, L.A. and **P.E. Kaufman**. 2008. *Euoniticellus intermedius* (Coleoptera: Scarabaeidae: Scarabaeinae: Tribe Coprini): Its presence and relative abundance in cattle pastures in northcentral Florida. *Florida Entomologist.* 91: 128-130. DOI: https://doi.org/10.1653/0015-4040(2008)091[0128:EICSST]2.0.CO;2

29. **Kaufman, P.E.**, C. Strong, and D.A. Rutz. 2008. Susceptibility of lesser mealworm (Coleoptera: Tenebrionidae) adults and larvae exposed to two commercial insecticides on unpainted plywood panels. *Pest Management Science.* 64: 108-111. DOI: https://doi.org/10.1002/ps.1475.

28. Geden, C.J. and **P.E. Kaufman**. 2007. Development of *Spalangia cameroni* and *Muscidifurax raptor* (Hymenoptera: Pteromalidae) on live house fly (Diptera: Muscidae) pupae and pupae killed

by heat shock, irradiation and cold. *Environmental Entomology.* 36: 34-39. DOI: https://doi.org/10.1653/024.092.0311.

27. **Kaufman, P.E.**, A.C. Gerry, D.A. Rutz, and J.G. Scott. 2006. Monitoring susceptibility of house flies (*Musca domestica* L.) in the United States to imidacloprid. *Journal of Agricultural and Urban Entomology.* 23: 195-200.
26. Hamm, R.L., **P.E. Kaufman**, C. Reasor, J.G. Scott, and D.A. Rutz. 2006. Resistance to cyfluthrin and tetrachlorvinphos in the lesser mealworm, *Alphitobius diaperinus*, collected from the eastern United States. *Pest Management Science.* 62: 673-677. DOI: https://doi.org/10.1002/ps.1230.
25. **Kaufman, P.E.**, C. Reasor, D.A. Rutz, J.K. Ketzis, and J.J. Arends. 2005. Evaluation of *Beauveria bassiana* applications against adult house flies, *Musca domestica*, in commercial caged-layer poultry facilities in New York state. *Biological Control.* 33: 360-367. DOI: https://doi.org/10.1016/j.biocontrol.2005.03.011.
24. **Kaufman, P.E.**, C. Reasor, J.K. Waldron, and D.A. Rutz. 2005. Suppression of the lesser mealworm (Coleoptera: Tenebrionidae) using soil incorporation of poultry manure. *Journal of Economic Entomology.* 98: 1739-1743. DOI: https://doi.org/10.1603/0022-0493-98.5.1739.
23. **Kaufman, P.E.**, C. Reasor, J.K. Waldron, K. Murray, and D.A. Rutz. 2005. Evaluation of a barrier to inhibit lesser mealworm (Coleoptera: Tenebrionidae) and Dermestidae movement up support posts in high-rise, caged-layer poultry facilities. *Journal of Economic Entomology.* 98: 1744-1749. DOI: https://doi.org/10.1603/0022-0493-98.5.1744.
22. **Kaufman, P.E.**, D.A. Rutz, and S. Frisch. 2005. Large sticky traps for capturing house flies, *Musca domestica* and stable flies, *Stomoxys calcitrans*, in dairy calf greenhouse facilities. *Journal of Dairy Science.* 88: 176-181. DOI: https://doi.org/10.3168/jds.S0022-0302(05)72676-X.
21. **Kaufman, P.E.**, L.C. Harrington, J.K. Waldron, and D.A. Rutz. 2005. The importance of agricultural tire habitats for mosquitoes of public health importance in New York state. *Journal of the American Mosquito Control Association.* 21: 171-176. DOI: https://doi.org/10.2987/8756-971X(2005)21[171:TIOATH]2.0.CO;2.
20. Hoebeke, E.R., **P.E. Kaufman**, C.S. Glenister, and S.M. Stringham. 2003. New Nearctic record for *Epitranus clavatus* F. (Hymenoptera: Chalcididae). *Proceedings of the Entomological Society of Washington.* 105: 1062-1063.
19. **Kaufman, P.E.**, M. Burgess, D.A. Rutz, and C.S. Glenister. 2002. Population dynamics of manure inhabiting arthropods under an IPM program in New York poultry facilities - 3 case studies. *Journal of Applied Poultry Research.* 10: 90-103. DOI: https://doi.org/10.1093/japr/11.1.90.
18. **Kaufman, P.E.**, D.A. Rutz, and J.K. Waldron. 2002. Seasonal variations in *Carcinops pumilio* dispersal and potential for suppression of dispersal behavior. *Journal of Medical Entomology.* 39: 106-111. DOI: https://doi.org/10.1603/0022-2585-39.1.106.
17. **Kaufman, P.E.** and D.A. Rutz. 2002. Susceptibility of house flies (Diptera: Muscidae) exposed to five commercial insecticides on painted plywood. *Pest Management Science.* 58: 174-178. DOI: https://doi.org/10.1002/ps.436.
16. **Kaufman, P.E.**, S.J. Long, and D.A. Rutz. 2001. Impact of exposure length and pupal source on *Muscidifurax raptorellus* and *Nasonia vitripennis* (Hymenoptera: Pteromalidae) parasitism in a New York poultry facility. *Journal of Economic Entomology.* 94: 998-1003. DOI: https://doi.org/10.1603/0022-0493-94.4.998.
15. **Kaufman, P.E.**, D.A. Rutz, and S. Frisch. 2001. Sticky traps for large scale house fly (Diptera: Muscidae) trapping in New York poultry facilities. *Journal of Agricultural and Urban Entomology.* 18: 43-49.
14. **Kaufman, P.E.**, J.G. Scott, and D.A. Rutz. 2001. Monitoring insecticide resistance in house flies from New York dairies. *Pest Management Science.* 57: 514-521. DOI: https://doi.org/10.1002/ps.319.
13. **Kaufman, P.E.**, D.A. Rutz, M.E. Doscher, and R. Albright. 2001. Efficacy of chlorfenapyr (AC 303630) experimental pour-on and CyLence formulations against naturally acquired lice infestations on cattle in New York. *Veterinary Parasitology.* 97: 123-129. DOI: https://doi.org/10.1016/S0304-4017(00)00439-8.

12. **Kaufman, P.E.**, S.J. Long, D.A. Rutz, and J.K. Waldron. 2001. Parasitism rates of *Muscidifurax raptorellus* and *Nasonia vitripennis* (Hymenoptera: Pteromalidae) after individual and paired releases in New York poultry facilities. *Journal of Economic Entomology.* 94: 593-598. DOI: https://doi.org/10.1603/0022-0493-94.2.593.
11. **Kaufman, P.E.**, S.J. Long, D.A. Rutz, and C.S. Glenister. 2001. Larval production from field-collected *Carcinops pumilio* (Coleoptera: Histeridae) following three starvation periods. *Journal of Medical Entomology.* 38: 278-281. DOI: https://doi.org/10.1603/0022-2585-38.2.278.
10. Watson, D.W., **P.E. Kaufman**, D.A. Rutz, and C.S. Glenister. 2001. Impact of the darkling beetle, *Alphitobius diaperinus* Panzer, on the establishment of the predaceous beetle, *Carcinops pumilio* Erichson, for *Musca domestica* control in caged-layer poultry houses. *Biological Control.* 20: 8-15. DOI: https://doi.org/10.1006/bcon.2000.0874.
9. **Kaufman, P.E.**, S.J. Long, D.A. Rutz, and C.S. Glenister. 2000. Prey- and density-mediated dispersal in *Carcinops pumilio* (Erichson) (Coleoptera: Histeridae), a predator of house fly (Diptera: Muscidae) eggs and larvae. *Journal of Medical Entomology.* 37: 929-932. DOI: https://doi.org/10.1603/0022-2585-37.6.929.
8. Scott, J.G., T.G. Alefantis, **P.E. Kaufman**, and D.A. Rutz. 2000. Insecticide resistance in house flies from caged-layer poultry facilities. *Pest Management Science.* 56: 147-153. DOI: https://doi.org/10.1002/(SICI)1526-4998(200002)56:2<147::AID-PS106>3.0.CO;2-7.
7. **Kaufman, P.E.**, J.E. Lloyd, R. Kumar, and T.J. Lysyk. 1999. Horn fly susceptibility to diazinon, fenthion and permethrin at selected elevations in Wyoming. *Journal of Agricultural and Urban Entomology.* 16: 141-157.
6. **Kaufman, P.E.**, P.J. Scholl, and D.A. Rutz. 1999. Dose confirmation study of the 1% nonaqueous injectable formulation of Moxidectin against naturally-acquired infestations of cattle lice on cattle in New York. *Pesticide Science.* 55: 919-922. DOI: https://doi.org/10.1002/(SICI)1096-9063(199909)55:9<919::AID-PS35>3.0.CO;2-C.
5. **Kaufman, P.E.**, J.E. Lloyd, R. Kumar, J.B. Campbell, and D.J. Boxler. 1999. The differences between horn fly densities on cattle pastured in Wyoming and Nebraska as possibly influenced by elevation. *Southwestern Entomologist.* 24: 115-121.
4. Costanzo, J.P., J.B. Moore, R.E. Lee, Jr., **P.E. Kaufman**, and J.A. Wyman. 1997. Influence of soil hydric parameters on the winter cold hardiness of a burrowing beetle, *Leptinotarsa decemlineata* (Say). *Journal of Comparative Physiology (B).* 167: 169-176. DOI: https://doi.org/10.1007/s003600050061.
3. Hoy, C.W., J.A. Wyman, T.T. Vaughn, D.A. East, and **P. Kaufman**. 1996. Food, ground cover and Colorado potato beetle (Coleoptera: Chrysomelidae) dispersal in late summer. *Journal of Economic Entomology.* 89: 963-969. DOI: https://doi.org/10.1093/jee/89.4.963.
2. Lee, Jr., R.E., J.P. Costanzo, **P.E. Kaufman**, M.R. Lee, and J.A. Wyman. 1994. Ice nucleating active bacteria reduce the cold-hardiness of the freeze-intolerant Colorado potato beetle (Coleoptera: Chrysomelidae). *Journal of Economic Entomology.* 87: 377-381. DOI: https://doi.org/10.1093/jee/87.2.377.
1. **Kaufman, P.E.**, J.A. Wyman, and K-J.S. Kung. 1993. Cultural control of the Colorado potato beetle by disrupting overwintering habitats in central Wisconsin. *American Potato Journal.* 70: 820-821.

BOOK REVIEWS (3)

3. **Kaufman, P.E.** 2019. Medical and Veterinary Entomology, 3rd Ed., G.R Mullen and L.A. Durden (ed.), Academic Press. *Florida Entomologist*. 102: 666.
2. **Kaufman, P.E.** 2011. Veterinary Entomology: Livestock and Companion Animals, R.E. Williams (ed.), CRC Press, Boca Raton, FL. *Florida Entomologist.* 94: 374-375.
1. **Kaufman, P.E.** 2006. The Biology of Blood-Sucking in Insects, 2nd Ed., M.J. Lehane (ed.), Cambridge University Press, U.K. *Florida Entomologist.* 89: 543-544.

PATENTS (1)

1. **Kaufman, P.E.**, R.S. Mann and J.F. Butler. 2012. Materials and Methods for Pest Control. U.S. Patent 8,772,348, filed May 02, 2012, and issued July 08, 2014.

PRESENTATIONS AND ORGANIZED EFFORTS AT PROFESSIONAL MEETINGS

List includes only presentations that I delivered and does not include presentations delivered by postdocs, graduate/undergraduate students or collaborators on which I am a co-author.

International Invited Symposium Speaker (3)

Kaufman, P.E. 2022. Delving into the art and the science of the brown dog tick conundrum. Current Advances in Acarology Symposium. Joint Meeting of the Entomological Society of America, Entomological Society of Canada and Entomological Society of British Columbia, Vancouver, ALB, Canada. November 28.

Kaufman, P.E. and C.J. Holderman. 2016. Infectivity and importance of Florida vectors in dog heartworm transmission. Medical and Veterinary Entomology Symposium. International Congress of Entomology, Annual Meeting of the Entomological Society of America and the Florida Entomological Society, Orlando, FL. September 28.

Kaufman, P.E. 2009. Integrated pest management of house flies, *Musca domestica* L., on livestock facilities. 6th Asian-Pacific Congress of Entomology, Beijing, China. October 19-21.

International Invited Seminar Speaker (1)

Kaufman, P.E. 2009. Introduction and local distribution of *Aedes albopictus* in Florida, USA. Department of Vector Biology and Control, Beijing Institute of Microbiology and Epidemiology, Beijing, China. October 20.

International Conferences – Organizer, Symposium Organizer, Co-organizer or Moderator (1)

Kaufman, P.E. 2019. Session: Canine Heartworm II. Joint meeting of the World Association for the Advancement of Veterinary Parasitology, the American Association of Veterinary Parasitologists and the Livestock Insect Workers' Conference. Madison, WI. July 08. (Moderator)

International Conferences – Contributed Posters or Oral Presentations (7)

Kaufman, P.E., C.J. Holderman, N. Abdeslamad, N. Abruzzo, and P. DiGennaro. 2019. Collection and molecular detection of dog heartworm, *Dirofilaria immitis*, DNA in wild caught mosquitoes. Joint meeting of the World Association for the Advancement of Veterinary Parasitology, the American Association of Veterinary Parasitologists and the Livestock Insect Workers' Conference. Madison, WI. July 08.

Kaufman, P.E., C.J. Holderman, N. Abdeslamad, N. Abruzzo, and P. DiGennaro. 2018. Seasonality of dog heartworm infection in Florida mosquitoes. Joint meeting of the Entomological Society of America and the Canadian Entomological Society. Vancouver, Canada. November 11

Kaufman, P.E., F.M. Oi, and A.L. Eiden. 2015. Brown dog tick resistance to permethrin and fipronil, two commonly applied acaricides. Joint meeting of the American Association of Veterinary Parasitologists, the Livestock Insect Workers' Conference, and the International Symposium on Ectoparasites of Pets, Boston, MA. July 13.

Kaufman, P.E., R.S. Mann, and J.F. Butler. 2011. Performance of novel semiochemicals in the control of veterinary pests. Joint meeting of the American Association of Veterinary

Parasitologists, the Livestock Insect Workers' Conference, and the International Symposium on Ectoparasites of Pets, St. Louis, MO. July 18.

Kaufman, P.E., D.A. Rutz, and C. Strong. 2007. Susceptibility of lesser mealworm (Coleoptera: Tenebrionidae) adults and larvae exposed to two commercial insecticides on unpainted plywood panels. Joint Meeting of the Livestock Insect Workers' Conference and the International Symposium on Ectoparasites of Pets, Lexington, KY. June 10.

Kaufman, P.E. and D.A. Rutz. 2000. Temperature effects on parasitism rates and progeny production of *Muscidifurax raptor* and *M. raptorellus*. Joint Meeting of the Entomological Society of America and the Entomological Society of Canada, Montreal, Quebec, Canada. December 04.

Kaufman, P.E., C.S. Glenister, and D.A. Rutz. 1998. Evaluation of two collection methods on *Carcinops pumilio* fecundity following three starvation periods. Livestock Insect Workers' Conference, Lethbridge, Alberta, Canada. June 23.

National Conferences – Invited Presentations (15)

Kaufman, P.E. 2021. *Rhipicephalus sanguineus*, challenging our pesticide resistance and vector capacity assumptions about ticks. Western Gulf Center of Excellence in Vector Borne Diseases 5th Annual Meeting. Virtual. September 24.

Watson, D.W. and **P.E. Kaufman**. 2017. Tribute to John "Jack" Lloyd. Livestock Insect Workers' Conference, Savannah, GA. June 25.

Kaufman, P.E. 2015. The up-tick in tick-borne diseases. Insects and their diseases that cause harm to humans and animals. Annual Meeting of the Entomological Society of America, Minneapolis, MN. November 17.

Kaufman, P.E. 2014. Wrapping it all up: Pulling together 30+ years of work to deliver IPM to New York livestock producers. Honoring the career and contributions of Veterinary Entomologist Donald A. Rutz. Annual Meeting of the Entomological Society of America, Portland, OR. November 18.

Kaufman, P.E., A.Y. Li, X.P. Hu, and J.A. Hogsette. 2014. Establishing collaborations with Chinese scientists on issues of filth flies. Honoring the career and contributions of Veterinary Entomologist Donald A. Rutz. Annual Meeting of the Entomological Society of America, Portland, OR. November 18.

Kaufman, P.E. and J.B. Pitzer. 2012. Florida's stable flies and equine farms: A dynamic like no other. A celebration of the life and scientific contributions of Carl Jones. Annual Meeting of the Entomological Society of America, Knoxville, TN. November 13.

Kaufman, P.E. 2010. The role and future of universities in animal health product evaluations. 54th Annual Livestock Insect Workers' Conference, Knoxville, TN. June 27.

Kaufman, P.E. and J.B. Pitzer. 2009. Celebrating a lack of insecticide resistance in stable flies! Annual Meeting of the Entomological Society of America, Indianapolis, IN. December 15.

Kaufman, P.E., R.S. Mann, and J.F. Butler. 2008. Evaluation of active ingredients for control of medically-important dipterans. 2008 Deployed War-fighters Protection Program 5th Annual Review, Gainesville, FL. December 04.

Kaufman, P.E. 2007. Selection of active ingredients for control of medically-important Diptera. Deployed War-fighters Protection Program 4th Annual Review, Gainesville, FL. March 08.

Kaufman, P.E. 2007. Techniques for evaluating insecticide resistance in filth flies. Department of Defense Pest Management Workshop, Jacksonville, FL. February 14.

Kaufman, P.E. 2005. Muscoid fly management in northeastern livestock and poultry systems. Annual Meeting of the Entomological Society of America, Ft. Lauderdale, FL. December 19.

Kaufman, P.E. 2003. Highlights of Veterinary Entomology. Annual Meeting of the Entomological Society of America, Cincinnati, OH. October 28.

Kaufman, P.E. and D.A. Rutz. 2003. Vectors, West Nile virus and veterinary entomology. Diseases, Dispersal, Disaster – Animal Agriculture IPM at the Crossroads. 4th National Integrated Pest Management Symposium. Indianapolis, IN. April 09.

Kaufman, P.E. and D.A. Rutz. 1998. Lab and field studies with the predaceous hister beetle, *Carcinops pumilio*. Technical Advances with Hymenopterous Pupal Parasites of Muscoid Diptera. Joint Meeting of the American Phytopathological Society and the Entomological Society of America, Las Vegas, NV. Nov. 08.

National Conferences – Organizer, Symposium Organizer, Co-organizer or Moderator (9)

Harrington, L.C. and **P.E. Kaufman**. 2014. Honoring the career and contributions of Veterinary Entomologist Donald A. Rutz. Annual Meeting of the Entomological Society of America, Portland, OR. November 18. (Co-Organizer)

Kaufman, P.E. 2009. Highlights of Structural, Veterinary and Public Health Systems Symposium. Annual Meeting of the Entomological Society of America, Indianapolis, IN. December 14. (Organizer)

Kaufman, P.E. 2008. Highlights of Structural, Veterinary and Public Health Systems Symposium. Annual Meeting of the Entomological Society of America, Reno, NV. November 17. (Organizer)

Kaufman, P.E. 2007. Miscellaneous Submissions Session. Joint Meeting of the Livestock Insect Workers' Conference and the International Symposium on Ectoparasites of Pets, Lexington, KY. June 13. (Moderator)

Kaufman, P.E. and T. McKay. 2006. Section D Symposium - Biological Control of Muscoid Diptera. Annual Meeting of the Entomological Society of America, Indianapolis, IN. December 11. (Co-organizer)

Kaufman, P.E. 2006. Beef Cattle Session. Livestock Insect Workers' Conference, Amarillo, TX. June 26. (Moderator)

Kaufman, P.E. 2005. Ten-Minute Papers, Section D. Medical and Veterinary Entomology. Annual Meeting of the Entomological Society of America, Ft. Lauderdale, FL. December 19. (Moderator)

Kaufman, P.E. 2005. Poultry Session. Livestock Insect Workers' Conference, Bozeman, MT. June 20. (Moderator)

Kaufman, P.E. and D.A. Rutz. 2003. Livestock IPM Session, Fourth National IPM Symposium, Indianapolis, IN. April 09. (Co-organizer)

National Conferences – Contributed Posters or Oral Presentations (34)

Lyons, B., **P.E. Kaufman,** and D.B. Thomas. 2024. Considerations for improved recommendatins for the Cattle Fever Tick Control Program. Annual Meeting of the Entomological Society of America, Phoenix, AZ. November 12.

Kaufman, P.E. and J.L. Gillett-Kaufman. 2019. Insects in Italy: How not to advertise a study abroad program. Annual Meeting of the Entomological Society of America, St. Louis, MO. November 11.

Hertz, J.C., **P.E. Kaufman**, C.C. Lord, and S.A. Allan. 2017. Ehrlichial and rickettsial pathogens in lone star ticks at Florida state parks and wildlife management areas. Annual Meeting of the Entomological Society of America, Denver, CO. November 07.

Kaufman, P.E. and J.L. Gillett-Kaufman. 2017. Insects in Italy – Introducing non-majors to entomology through Study Abroad. Livestock Insect Workers' Conference, Savannah, GA. June 28.

Tucker, N.S.G., **P.E. Kaufman**, and E.N.I. Weeks. 2017. Detection of a sodium channel mutation conferring permethrin resistance and presence of *Ehrlichia*, *Rickettsia* and *Hepatozoon* spp. in the brown dog tick. Livestock Insect Workers' Conference, Savannah, GA. June 28.

Kaufman, P.E. 2014. The Cow•Vac: A new tool for filth fly management on commercial dairies in Florida. Livestock Insect Workers' Conference, San Diego, CA. June 24.

Kaufman, P.E., A.Y. Li, X.P. Hu, and J.A. Hogsette. 2014. Scientific and technological exchange between the U.S.A. and the People's Republic of China to mitigate the impact of biting and nuisance flies and their associated diseases. Livestock Insect Workers' Conference, San Diego, CA. June 24.

Kaufman, P.E. and L.A. Wood. 2013. Selection for improved virulence in a horn fly-collected strain of *Beauveria bassiana*. Annual Meeting of the Entomological Society of America, Austin, TX. November 13.

Kaufman, P.E. and K.S. Seraydar. 2013. Behavioral resistance in house flies exposed to QuickBayt following selection for imidacloprid-resistance. Livestock Insect Workers' Conference, Nebraska City, NE. June 23.

Kaufman, P.E., J.K. Waldron, C. Strong, and D.A. Rutz. 2012. Individual and paired *Muscidifurax raptor* and *M. raptorellus* releases in dairy calf facilities. Livestock Insect Workers' Conference, Kalispell, MT. June 26.

Kaufman, P.E., C. Strong, J.K. Waldron, and D.A. Rutz. 2012. Individual and paired releases of house fly pupal parasitoids in dairy calf facilities. Joint Meeting of the Southeastern and Southwestern Branches of the Entomological Society of America, Little Rock, AR. March 06.

Kaufman, P.E., R.S. Mann, and J.F. Butler. 2011. Insecticidal activity of novel compounds against pests of medical and veterinary importance. Annual Meeting of the Entomological Society of America, Reno, NV. November 16.

Kaufman, P.E., S.C. Nunez, R.S. Mann, C.J. Geden, and M.E. Scharf. 2010. Nicotinoid and pyrethroid resistance in house flies from Florida dairies. Livestock Insect Workers' Conference, Knoxville, TN. June 29.

Kaufman, P.E., S.C. Nunez, C.J. Geden, and M.E. Scharf. 2010. Selection for resistance to imidacloprid in the house fly. Livestock Insect Workers' Conference, Knoxville, TN. June 29.

Kaufman, P.E. 2009. Dung beetle abundance and seasonality in Florida pastures. Livestock Insect Workers' Conference, French Lick, IN. June 22.

Kaufman, P.E., S. Nunez, M.E. Scharf, and C.J. Geden. 2008. Insecticide resistance in house flies, *Musca domestica*, collected from Florida dairies. Annual Meeting of the Entomological Society of America, Reno, NV. November 18.

Kaufman, P.E., L.A. Wood, and D.A. Rutz. 2008. Host age and pathogen exposure level as factors in the susceptibility of the house fly, *Musca domestica* (Diptera: Muscidae) to *Beauveria bassiana.* Livestock Insect Workers' Conference, Kansas City, MO. June 17.

Kaufman, P.E. and L.A. Wood. 2007. Diversity of dung beetles (Coleoptera: Scarabaeidae and Geotrupidae) in north central Florida cattle pastures. Annual Meeting of the Entomological Society of America, San Diego, CA. December 11.

Kaufman, P., D. Rutz, and K. Waldron. 2006. Evaluation of *Muscidifurax raptor* and *M. raptorellus* (Hymenoptera: Pteromalidae) releases in dairy calf facilities for management of the house fly (Diptera: Muscidae). Annual Meeting of the Entomological Society of America, Indianapolis, IN. December 12.

Kaufman, P.E., C. Reasor, and D. Rutz. 2005. Evaluation of *Beauveria bassiana* applications against adult house fly, *Musca domestica*, in commercial caged-layer poultry facilities in New York state. Livestock Insect Workers' Conference, Bozeman, MT. June 20.

Kaufman, P.E., D.A. Rutz, J.K. Waldron, and L.C. Harrington. 2003. Statewide dairy farm survey for tire-breeding mosquito species. Livestock Insect Workers' Conference, Atlantic Beach, NC. June 23.

Kaufman, P.E., D.A. Rutz, E. Zhioua, and J.K. Waldron. 2003. Face fly management using an automated sprayer. Livestock Insect Workers' Conference, Atlantic Beach, NC. June 23.

Kaufman, P.E., D.A. Rutz, J. K. Waldron, and L. C. Harrington. 2002. New York state dairy farm survey for tire-breeding mosquito species. Livestock Insect Workers' Conference, Ruidoso, NM. June 22.

Kaufman, P.E. and D.A. Rutz. 2002. Sticky traps for large scale house fly (Diptera: Muscidae) trapping in NY poultry facilities. Annual Meeting of the Eastern Branch of the Entomological Society of America, Ocean City, MD. March 11.

Kaufman, P.E. and D.A. Rutz. 2001. Impact of exposure length and pupal source on *Muscidifurax raptorellus* and *Nasonia vitripennis* (Hymenoptera: Pteromalidae) parasitism in a New York poultry facility. Annual Meeting of the Entomological Society of America. San Diego, CA. Dec. 11.

Kaufman, P.E. and D.A. Rutz. 2001. Sticky traps for large scale house fly (Diptera: Muscidae) trapping in NY poultry facilities. Livestock Insect Workers' Conference, Cody, WY. June 18.

Kaufman, P.E., D.A. Rutz, and J.K. Waldron. 2000. Seasonal variations in *Carcinops pumilio* dispersal and potential for suppression of dispersal behavior. Livestock Insect Workers' Conference, St. Augustine, FL. June 12.

Kaufman, P.E., D.A. Rutz, M. Doscher, and R. Albright. 2000. Efficacy of chlorfenapyr (AC 303630) experimental pour-on formulations against naturally-acquired louse infestations on cattle in New York. Livestock Insect Workers' Conference, St. Augustine, FL. June 12.

Kaufman, P.E., S. J. Long, D.A. Rutz, and J.K. Waldron. 1999. Parasitism rates in poultry facilities following individual and combined *Nasonia vitripennis* and *Muscidifurax raptorellus* releases. Annual Meeting of the Entomological Society of America, Atlanta, GA. December 14.

Kaufman, P.E., D.A. Rutz, and P.J. Scholl. 1999. Efficacy of injectable Cydectin against four species of cattle lice. Livestock Insect Workers' Conference, Chattanooga, TN. June 07.

Kaufman, P.E. and D.A. Rutz. 1999. Preliminary evaluation of the Spider Web™ in caged-layer poultry houses. Livestock Insect Workers' Conference, Chattanooga, TN. June 07.

Kaufman, P.E., J.E. Lloyd, and R. Kumar. 1996. Effect of elevation on the density of horn fly populations. Annual Meeting of the Entomological Society of America, Louisville, KY. December 09.

Kaufman, P.E., J.E. Lloyd, and R. Kumar. 1996. Horn fly, *Haematobia irritans*, susceptibility to diazinon and permethrin in Wyoming. Livestock Insect Workers' Conference, Kerrville, TX. June 17.

Kaufman, P.E., J.A. Wyman, and K-J.S. Kung. 1993. Cultural control of the Colorado potato beetle by disrupting overwintering habitats in Central Wisconsin. Annual Meeting of the Potato Association of America, Madison, WI. August 09.

Kaufman, P.E., J.A. Wyman, C.W. Hoy, D. East, T. Vaughn, and K-J.S. Kung. 1992. Cultural control of the Colorado potato beetle by disrupting overwintering habitats. Annual Meeting of the Entomological Society of America, Baltimore, MD. December 07.

Regional Conferences – Invited Presentations (11)

Kaufman, P.E. 2013. What's new in tick research and control. Southeast Pest Management Conference. University of Florida, Gainesville, FL. May 03.

Kaufman, P.E. 2012. Flies and pies: Florida's livestock pests. Native or Invasive: Florida harbors everyone. Florida Entomological Society Annual Meeting, Jupiter Beach, FL. July 24.

Kaufman, P.E. 2012. Relationship of Florida's cattle and equine farms from a fly's perspective. Symposia to honor Howard Weems. Florida Entomological Society Annual Meeting, Jupiter Beach, FL. July 25.

Kaufman, P.E. 2010. Managing the blood suckers: Fleas and ticks. Southeast Pest Management Conference. University of Florida, Gainesville, FL. May 03.

Kaufman, P.E. 2009. Careers in veterinary entomology: Fun with parasites. Southeastern Branch Entomological Society of America Meeting, Montgomery, AL. March 09.

Kaufman, P.E. 2004. IPM methodologies to control insect pests: Physical, cultural and biological control. New England - New York Poultry Pest Management Workshop, Storrs, CT.

Kaufman, P.E. 2002. Using IPM methodologies to control insects. New England - New York Poultry Pest Management Workshop, Sturbridge, MA.

Kaufman, P.E. 2000. Poultry insect pest identification and control. New England - New York Poultry Pest Management Workshop. Sturbridge, MA.

Kaufman, P.E. 2000. Managing manure to reduce flies: Storage and land applications, problems and solutions. New England - New York Poultry Pest Management Workshop. Sturbridge, MA.

Kaufman, P.E. 1999. Fly Control - The IPM Approach. New England - New York Poultry Pest Management Workshop. Sturbridge, MA.

Kaufman, P.E. and D.A. Rutz. 1998. Overview of IPM strategies in poultry houses. Entomology at the Ag/Urban Interface - The Potential for Compromise. Annual Meeting of the Eastern Branch of the Entomological Society of America, Cherry Hill, NJ. March 15.

Regional Conferences – Organizer, Co-organizer or Moderator (1)

Kaufman, P.E. 2012. Animal Pest and Other Session, 9th Arbovirus Surveillance and Mosquito Control Workshop. St. Augustine, FL. March 29. (Moderator).

Regional Conferences – Contributor, Poster or Oral Presentations (9)

Gillett-Kaufman, J.G. and **P.E. Kaufman**. 2018. Feast or Famine in Florence – Introducing non-majors to entomology through Study Abroad. Annual Meeting of the Florida Entomological Society, St. Augustine, FL. July 23.

Kaufman, P.E., N. S. G. Tucker, and E. N. I. Weeks. 2018. Prevalence and distribution of pathogen infection and permethrin resistance in tropical and temperate brown dog tick populations. Annual Meeting of the Florida Entomological Society, St. Augustine, FL. July 23.

Kaufman, P.E., N.S.G. Tucker, and E.N.I. Weeks. 2018. Prevalence and distribution of pathogen infection and permethrin resistance in tropical and temperate brown dog tick populations. 15th Arbovirus Surveillance and Mosquito Control Workshop. St. Augustine, FL. March 22.

Kaufman, P.E., 2015. Creating a field environment in a tent: Do simulations really work? Florida Entomological Society Annual Meeting, Ft. Myers, FL. August 04.

Kaufman, P.E. and L.A. Wood. 2009. Dung beetle population dynamics in Florida pastures. Southeastern Branch Entomological Society of America Meeting, Montgomery, AL. March 09.

Kaufman, P.E. and L.A. Wood. 2008. Prevalence and seasonality of *Euoniticellus intermedius* (Reiche) (Coleoptera: Scarabaeidae) in north central Florida. Southeastern Branch Entomological Society of America Meeting, Jacksonville, FL. March 04.

Kaufman, P., D. Rutz, and K. Murray. 2006. Insecticide resistance in lesser mealworms collected from poultry facilities. Southeastern Branch of the Entomological Society of America, Wilmington, NC. March 05.

Kaufman, P.E., D.A. Rutz, and C.S. Glenister. 1999. Examination of hister beetle, *Carcinops pumilio*, release strategies in New York poultry houses. Annual Meeting of the Eastern Branch of the Entomological Society of America, Virginia Beach, VA. February 23.

Kaufman, P.E., J.A. Wyman, K-J.S. Kung, and R.E. Lee. 1992. The use of low temperatures to reduce Colorado potato beetle overwintering survival. Annual Meeting of the North Central Branch of the Entomological Society of America, Kansas City, MO. March 16.

State Conferences/University Seminars – Invited (7)

Kaufman, P.E. 2023. Ticks and flies: Tiny vampires on horses, cattle and dogs. VTPB Seminar Series, Department of Veterinary Pathobiology, Texas A&M University, College Station, TX. February 20.

Kaufman, P.E. 2022. Using traditional techniques and modern tools to answer questions in veterinary entomology. University of Texas Rio Grande Valley, Edinburg, TX. February 24.

Kaufman, P.E. 2012. How to measure dispersal in a pestiferous fly? 9th Arbovirus Surveillance and Mosquito Control Workshop. St. Augustine, FL. March 29.

Kaufman, P.E. 2011. Using traditional techniques and modern tools to answer rural:rural and rural:urban interface questions in medical and veterinary entomology. Department of Entomology, University of Georgia, Athens, GA. October 03.

Kaufman, P.E. 2010. Insecticide resistance and management of house flies. 7th Arbovirus Surveillance and Mosquito Control Workshop, St. Augustine, FL. March 23.

Kaufman, P.E. 2009. Mosquito Sentinel 360 traps. 6th Arbovirus Surveillance and Mosquito Control Workshop, St. Augustine, FL. April 02.

Kaufman, P.E. 2007. Ticks and tick-borne diseases in Florida. Florida Mosquito Control Association's 2007 Dodd Plenary Short Course, Ocala, FL. January 31.

State Conferences – Contributed Oral Presentations (3)

Kaufman, P.E. 2010. Diversity of Florida's cattle dung fauna: Impact of introduced species. Florida Entomological Society Annual Meeting, Jupiter Beach, FL. July 27.

Kaufman, P.E., S.J. Nunez, R.S Mann, M.E. Scharf, and C.J. Geden. 2009. Insecticide resistance in house flies collected from Florida dairies. Florida Entomological Society Annual Meeting, Ft. Myers, FL. July 27.

Kaufman, P.E. and J.F. Butler. 2007. Evaluation of the Mosquito Sentinel 360 trap in Florida residential environments. Florida Entomological Society Meeting, Sarasota, FL. July 17.

Local – Invited (9)

Gillett-Kaufman, J.L. and **P.E. Kaufman.** 2018. Delicious Italy: From bees to cheese to wine. Presentation at Bok Tower Gardens. Lake Wales, FL. January 27.

Gillett-Kaufman, J.L., M. Weigold, K. Kumaran, and **P.E. Kaufman.** 2018. Marketing your study abroad program: Learn marketing strategies to increase enrollment in your study abroad program, University of Florida International Center, University of Florida, Gainesville, FL. February 09.

Gillett-Kaufman, J.L. and **P.E. Kaufman.** 2016. The Italian job: Insects in Italy, study abroad 2016. Entomology and Nematology Department, University of Florida, Gainesville, FL. December 02.

Kaufman, P.E. 2012. Insect bites and stings: What to look for and how to evaluate their presentation. Dermatology Grand Rounds, University of Florida, Gainesville, FL. July 12.

Kaufman, P.E. 2012. Shifting traditional integrated pest management programs from conventional approaches to ecological understandings. School of Natural Resources and the Environment, University of Florida, Gainesville, FL. February 14.

Kaufman, P.E. 2011. Dermatological reactions to insect bites and associated diseases. Dermatology Grand Rounds at Shands Medical Plaza, University of Florida, Gainesville, FL. March 11.

Kaufman, P.E. 2010. Dermatological reactions to insect bites and associated diseases. Dermatology Grand Rounds at Shands Medical Plaza, University of Florida, Gainesville, FL. April 8.

Kaufman, P.E. 2010. Dung beetle diversity and ecology on Florida cattle pastures following the introduction of several exotic species. Departmental Seminar, Entomology and Nematology Department, University of Florida, Gainesville, FL. March 18.

Kaufman, P.E. 2008. Bugs and bodies. Back To College, University of Florida Alumni Association, Gainesville, FL. February 23.

Local – Contributed (1)

Kaufman P.E. and J.L. Gillett-Kaufman. 2017. Feast or Famine: Curriculum development and refinement for a study abroad course. Presentation at the UF/CALS teaching Enhancement Symposium, Gainesville, FL. August 15.

EXTENSION PROGRAM (50% FTE at Cornell, 10% FTE at UF)

EXTENSION PUBLICATIONS

Peer Reviewed Extension Publications on the UF/IFAS Electronic Digital Information Source (EDIS) (55)

(To showcase my commitment to introducing my mentees to the importance of Extension publications I indicate publications below with mentee coauthors: g=graduate student, u=undergraduate student, p=postdoc) http://edis.ifas.ufl.edu/

Tian, Y.[g], **P.E. Kaufman**, and C.C. Lord. 2024. Vector-borne Rickettsia pathogens. EDIS, Electronic Digital Information Source, UF/IFAS Communications, Gainesville, FL. 6 pp. EENY-2107. https://doi.org/10.32473/edis-IN1418-2024

Lippi, C.[g], **P.E. Kaufman**, and E.A. Buckner. 2020. Asian bush mosquito, Asian rock pool mosquito, *Aedes japonicus japonicus* (Theobald, 1901) (Insecta: Diptera: Culicidae). EDIS, Electronic Digital Information Source, UF/IFAS Communications, Gainesville, FL. 24 pp. EENY-761. https://edis.ifas.ufl.edu/publication/IN1307.

Tian, Y.[g], C.C. Lord, and **P.E. Kaufman**. 2020. Brown dog tick, *Rhipicephalus sanguineus* Latreille (Arachnida: Acari: Ixodidae). EDIS, Electronic Digital Information Source, UF/IFAS Communications, Gainesville, FL. 11 pp. EENY-221. (original 2001, revised 2018, reviewed 2020). https://edis.ifas.ufl.edu/in378.

Tian, Y.[g] and **P.E. Kaufman**. 2019. Asian longhorned tick, *Haemaphysalis longicornis* Neumann (Arachnida: Acari: Ixodidae). EDIS, Electronic Digital Information Source, UF/IFAS Communications, Gainesville, FL. 8 pp. EENY-739. https://edis.ifas.ufl.edu/in1263.

Kaufman, P.E., P.G. Koehler, and J.F. Butler. 2019. External parasites on horses. EDIS, Electronic Digital Information Source, UF/IFAS Communications, Gainesville, FL. 24 pp. DLN: IG139 (reviewed 2013, 2016, 2019; revised 2009, 2016). http://edis.ifas.ufl.edu/document_ig139.

Kaufman, P.E. 2019. External parasites of poultry. EDIS, Electronic Digital Information Source, UF/IFAS Communications, Gainesville, FL. 12 pp. DLN: ENY240 (IG140) (reviewed 2007; revised 2013, 2016, 2019). http://edis.ifas.ufl.edu/document_ig140.

Kaufman, P.E., P.G. Koehler, and J.F. Butler. 2019. External parasites of swine. EDIS, Electronic Digital Information Source, UF/IFAS Communications, Gainesville, FL. 9 pp. DLN: IG138 (reviewed 2013; revised 2009, 2016, 2019). http://edis.ifas.ufl.edu/document_ig138.

Taheri, J.[g], **P.E. Kaufman**, and F. Slansky. 2019. Tree squirrel bot fly, *Cuterebra emasculator* Fitch (Insecta: Diptera: Oestridae). *Featured Creatures*. 6 pp. EENY401. (new 2007; reviewed 2016, 2019) http://edis.ifas.ufl.edu/IN984.

Tucker, N.S.G.[g] and **P.E. Kaufman**. 2019. A parasitoid, *Muscidifurax raptor* (Girault & Sanders) (Insecta: Hymenoptera: Pteromalidae). EDIS, Electronic Digital Information Source, UF/IFAS Communications, Gainesville, FL. 9 pp. DLN: EENY657. (new 2016; reviewed 2019) http://edis.ifas.ufl.edu/in1161.

Zettel, C.[g] and **P.E. Kaufman**. 2019. Yellow fever mosquito, *Aedes aegypti* (Linnaeus) (Insecta: Diptera: Culicidae). EDIS, Electronic Digital Information Source, UF/IFAS Communications, Gainesville, FL. 8 pp. DLN: EENY434 (IN792). (new 2009; reviewed 2012, 2019; revised 2013, 2016). http://edis.ifas.ufl.edu/document_in792.

Bujang, N.[g] and **P.E. Kaufman**. 2019. Black larder beetle, incinerator beetle, *Dermestes ater* DeGeer (Insecta: Coleoptera: Dermestidae). EDIS, Electronic Digital Information Source, UF/IFAS Communications, Gainesville, FL. 6 pp. DLN: EENY480 (IN866) (new 2010; reviewed 2013, 2016, 2019). http://edis.ifas.ufl.edu/in866.

Eiden, A. and **P.E. Kaufman.** 2019. Southern Black Widow *Latrodectus mactans* (Fabricius) (Arachnida: Araneae: Theridiidae). EDIS, Electronic Digital Information Source, UF/IFAS Communications, Gainesville, FL. 24 pp. DLN: EENY560 (new 2013; reviewed 2019). https://edis.ifas.ufl.edu/in1000.

Kaufman, P.E. and E.N.I. Weeks. 2019. Cattle grub management. EDIS, Electronic Digital Information Source, UF/IFAS Communications, Gainesville, FL. 6 pp. DLN: ENY290 (IN979) (new 2013; revised

2016, 2019). http://edis.ifas.ufl.edu/document_in979.

Kaufman, P.E., P.G. Koehler, and J.F. Butler. 2018. Horse bots. EDIS, Electronic Digital Information Source, UF/IFAS Communications, Gainesville, FL. 3 pp. DLN: IG136. (revised 2006; reviewed 2015, 2018). http://edis.ifas.ufl.edu/document_ig136.

Kaufman, P.E., P.G. Koehler, and J.F. Butler. 2018. External parasites of dairy cattle. EDIS, Electronic Digital Information Source, UF/IFAS Communications, Gainesville, FL. 24 pp. DLN: IG050 (revised 2009, 2015, reviewed 2018). http://edis.ifas.ufl.edu/document_ig050.

Kaufman, P.E., P.G. Koehler, and J.F. Butler. 2018. External parasites of sheep and goats. EDIS, Electronic Digital Information Source, UF/IFAS Communications, Gainesville, FL. 14 pp. DLN: IG129 (revised 2009, 2015, reviewed 2018). http://edis.ifas.ufl.edu/document_ig129.

Kaufman, P.E. and E.N.I. Weeks. 2018. Horn fly management. EDIS, Electronic Digital Information Source, UF/IFAS Communications, Gainesville, FL. 5 pp. DLN: IN952 (ENY288). (replacement 2012; revised 2015, 2018). http://edis.ifas.ufl.edu/in952.

Machtinger, E.[g] and **P.E. Kaufman**. 2018. Eye gnats, grass flies, eye flies, fruit flies, *Liohippelates* spp. (Insecta: Diptera: Chloropidae). EDIS, Electronic Digital Information Source, UF/IFAS Communications, Gainesville, FL. 6 pp. DLN: EENY485 (IN485) (new 2011; reviewed 2015, 2018). http://edis.ifas.ufl.edu/in884.

Weeks, E.N.I. and **P.E. Kaufman**. 2018. Mange in companion animals. EDIS, Electronic Digital Information Source, UF/IFAS Communications, Gainesville, FL. 6 pp. DLN: IN953 (ENY289). (replacement 2012; revised 2015, 2018). http://edis.ifas.ufl.edu/in953.

Kaufman, P.E. and E.N.I. Weeks. 2018. Stable fly (dog fly) control. EDIS, Electronic Digital Information Source, UF/IFAS Communications, Gainesville, FL. 5 pp. DLN: IG133 (ENY267). (revision 2006; major revision 2012; revised 2015, reviewed 2018). http://edis.ifas.ufl.edu/ig133.

Weeks, E.N.I. and **P.E. Kaufman**. 2018. Self-treatment methods for livestock – Backrubbers. EDIS, Electronic Digital Information Source, UF/IFAS Communications, Gainesville, FL. 3 pp. DLN: IG134 (ENY279). (major revision 2012; revised 2015, 2018). http://edis.ifas.ufl.edu/ig134.

Kaufman, P.E., P.G. Koehler, and J.F. Butler. 2018. External parasites around animal facilities. EDIS, Electronic Digital Information Source, UF/IFAS Communications, Gainesville, FL. 10 pp. DLN: IG054. (revised 2009, 2015, 2018). http://edis.ifas.ufl.edu/document_ig054.

Carrasquilla, M.C.[g] and **P.E. Kaufman**. 2018. A sand fly, *Lutzomyia longipalpis* (Lutz and Neiva) (Insecta: Diptera: Psychodidae: Phlebotominae). EDIS, Electronic Digital Information Source, UF/IFAS Communications, Gainesville, FL. 8 pp. DLN: EENY625. (new 2015) http://entnemdept.ufl.edu/creatures/misc/flies/Lutzomyia_longipalpis.htm.

Jiang, S.[g] and **P.E. Kaufman**. 2018. Australian cockroach, *Periplaneta australasiae* Fabricius (Insecta: Blattodea: Blattidae). EDIS, Electronic Digital Information Source, UF/IFAS Communications, Gainesville, FL. 7 pp. DLN: EENY623. (new 2015) http://entnemdept.ufl.edu/creatures/urban/roaches/australian_cockroach.htm.

DiClaro, J.[g] and **P.E. Kaufman**. 2018. Black soldier fly, *Hermetia illucens* Linnaeus (Insecta: Diptera: Stratiomyidae). EDIS, Electronic Digital Information Source, UF/IFAS Communications, 4 pp. DLN: EENY461 (IN830). (new 2009; reviewed 2012, 2015, 2018). http://edis.ifas.ufl.edu/IN830.

Lewis, C.[g] and **P.E. Kaufman**. 2018. Cheese (or ham) skipper, *Piophila casei* (Linnaeus) (Insecta: Diptera: Piophilidae). EDIS, Electronic Digital Information Source, UF/IFAS Communications, Gainesville, FL. 5 pp. DLN: EENY468 (IN843). (new 2010; reviewed 2012, 2015, 2018). http://edis.ifas.ufl.edu/in843.

Shaver, B.[u] and **P.E. Kaufman**. 2018. Hide beetle, *Dermestes maculates* DeGeer (Insecta: Coleoptera: Dermestidae). EDIS, Electronic Digital Information Source, UF/IFAS Communications, Gainesville, FL. 5 pp. DLN: EENY466 (IN836). (new 2009; reviewed 2012, 2015, 2018). http://edis.ifas.ufl.edu/IN836.

Juneau, K.J.[g] and **P.E. Kaufman**. 2018. Little blue cattle louse, *Solenopotes capillatus* (Enderlein) (Insecta: Phthiraptera: Anoplura: Linognathidae). EDIS, Electronic Digital Information Source, UF/IFAS Communications, Gainesville, FL. 4 pp. DLN: EENY422 (IN798). (new 2009; reviewed 2012, 2015, 2018). http://edis.ifas.ufl.edu/document_in798.

Scott, C.[g] and **P.E. Kaufman**. 2018. Buck moth, *Hemileuca maia* (Drury). EDIS, Electronic Digital

Information Source, UF/IFAS Communications, Gainesville, FL. 6 pp. DLN: EENY464 (IN834). (new 2009; reviewed 2015, 2018). http://edis.ifas.ufl.edu/IN834.

Mann, R.S.[p], **P.E. Kaufman**, and J.F. Butler. 2018. A sand fly, *Lutzomyia shannoni* Dyar (Insecta: Diptera: Psychodidae: Phlebotominae). EDIS, Electronic Digital Information Source, UF/IFAS Communications, Gainesville, FL. 5 pp. DLN: EENY421 (IN797). (new 2009; reviewed 2012, 2015, 2018). http://edis.ifas.ufl.edu/document_in797.

Pfiester, M.[g] and **P.E. Kaufman**. 2018. Rat-tailed maggot, *Eristalis tenax* (Linnaeus). EDIS, Electronic Digital Information Source, UF/IFAS Communications, Gainesville, FL. 6 pp. DLN: EENY445 (IN809). (new 2009; reviewed 2012, 2015, 2018). http://edis.ifas.ufl.edu/document_in809.

Kaufman, P.E. and E.N.I. Weeks. 2018. Pesticide safety around animals. EDIS, Electronic Digital Information Source, UF/IFAS Communications, Gainesville, FL. 4 pp. DLN: IG128. (revised 2006; major revision 2012; revised 2015, 2018). http://edis.ifas.ufl.edu/document_ig128.

Koehler, P.G., R.M. Pereira, and **P.E. Kaufman**. 2018. Sticktight flea, *Echidnophaga gallinacea*. EDIS, Electronic Digital Information Source, UF/IFAS Communications, Gainesville, FL. 2 pp. DLN: ENY244 (MG236). (revised 2009; reviewed 2012, 2015, 2018). http://edis.ifas.ufl.edu/document_mg236.

Kaufman, P.E., P.G. Koehler, and J.F. Butler. 2018. Cattle tail lice. EDIS, Electronic Digital Information Source, UF/IFAS Communications, Gainesville, FL. 3 pp. DLN: IG127. (revised 2005, 2009; reviewed 2015, 2018). http://edis.ifas.ufl.edu/document_ig127.

Dunford, J.C.[g] and **P.E. Kaufman**. 2018. Lesser mealworm, litter beetle, *Alphitobius diaperinus* (Panzer) (Insecta: Coleoptera: Tenebrionidae). EDIS, Electronic Digital Information Source, UF/IFAS Communications, Gainesville, FL. 12 pp. DLN: EENY367 (IN662). (new 2006; reviewed 2009, 2012, 2015, 2018). http://edis.ifas.ufl.edu/document_in662.

Kaufman, P.E. and E.N.I. Weeks. 2018. Forced-use dust bags for management of external parasites. EDIS, Electronic Digital Information Source, UF/IFAS Communications, Gainesville, FL. 7 pp. DLN: ENY281. (replacement 2012; reviewed 2015, 2018). http://edis.ifas.ufl.edu/document_ig135.

Kaufman, P.E., P.G. Koehler, J.F. Butler, and H.L. Cromroy. 2018. Northern fowl mite. EDIS, Electronic Digital Information Source, UF/IFAS Communications, Gainesville, FL. 7 pp. DLN: IG141. (revised 2007; reviewed 2015, 2018). http://edis.ifas.ufl.edu/document_ig141.

Moore, M.R.[g] and **P.E. Kaufman**. 2017. A Hister beetle, *Carcinops pumilio* (Erichson) (Insecta: Coleoptera: Histeridae). EDIS, Electronic Digital Information Source, UF/IFAS Communications, Gainesville, FL. 13 pp. DLN: EENY673. http://edis.ifas.ufl.edu/in1163.

Holderman, C.J.[g] and **P.E. Kaufman**. 2017. Lone star tick, *Amblyomma americanum* (Linnaeus) (Acari: Ixodidae). EDIS, Electronic Digital Information Source, UF/IFAS Communications, Gainesville, FL. 12 pp. DLN: EENY580. (new 2014; reviewed 2017). http://edis.ifas.ufl.edu/document_in1017.

Fitzpatrick, D.[g] and **P.E. Kaufman**. 2017. Horn fly, *Haematobia irritans irritans* (Linnaeus) Insecta: Diptera: Muscidae). EDIS, Electronic Digital Information Source, UF/IFAS Communications, Gainesville, FL. 7 pp. DLN: EENY490 (IN885). (new 2011; reviewed 2014, 2017). http://edis.ifas.ufl.edu/in885.

Seraydar, K.R.[u] and **P.E. Kaufman**. 2017. Dog flea, *Ctenocephalides canis* (Curtis) (Insecta: Siphonaptera: Pulicidae). EDIS, Electronic Digital Information Source, UF/IFAS Communications, Gainesville, FL. 9 pp. DLN: EENY589 (IN1033). (new 2014; reviewed 2017). http://edis.ifas.ufl.edu/in1033.

Kaufman, P.E., P.G. Koehler, and J.F. Butler. 2017. External parasites on beef cattle. EDIS, Electronic Digital Information Source, UF/IFAS Communications, Gainesville, FL. 24 pp. DLN: IG130 (revised 2011; reviewed 2014, 2017). http://edis.ifas.ufl.edu/document_ig130.

White, S.A.[u] and **P.E. Kaufman**. 2017. African malaria mosquito, *Anopheles gambiae* Giles (Insecta: Diptera: Culicidae). EDIS, Electronic Digital Information Source, UF/IFAS Communications, Gainesville, FL. 11 pp. DLN: EENY601. (new 2014; reviewed 2017). http://edis.ifas.ufl.edu/in1048.

Kaufman, P.E., P.G. Koehler, and J.F. Butler. 2017. Lyme disease. EDIS, Electronic Digital Information Source, UF/IFAS Communications, Gainesville, FL. 4 pp. DLN: MG204 (revised 2009, 2013; reviewed 2014, 2017). http://edis.ifas.ufl.edu/document_mg204.

Diaz, L.A.[u] and **P.E. Kaufman**. 2017. A flesh fly, *Sarcophaga crassipalpis* Marquart (Insecta: Diptera:

Sarcophagidae). EDIS, Electronic Digital Information Source, UF/IFAS Communications, Gainesville, FL. 6 pp. DLN: EENY503. (new 2011; reviewed 2014, 2017). http://edis.ifas.ufl.edu/in905.

Anderson, M.[u] and **P.E. Kaufman**. 2017. Common green bottle fly, sheep blow fly, *Lucillia sericata* (Meigen) (Insecta: Diptera: Calliphoridae). EDIS, Electronic Digital Information Source, UF/IFAS Communications, Gainesville, FL. 4 pp. DLN: EENY406. (new 2011; reviewed 2014, 2017). http://edis.ifas.ufl.edu/in903.

Hertz, J.C.[g] and **P.E. Kaufman**. 2017. Gulf coast tick, *Amblyomma maculatum* Koch (Acari: Ixodidae: Amblyomminae). EDIS, Electronic Digital Information Source, UF/IFAS Communications, Gainesville, FL. 12 pp. DLN: EENY603. (new 2014; reviewed 2017). http://edis.ifas.ufl.edu/document_in1062.

Chan, W.[g] and **P.E. Kaufman**. 2017. American dog tick, *Dermacentor variabilis* (Say) (Arachnida: Ixodida: Ixodidae). EDIS, Electronic Digital Information Source, UF/IFAS Communications, Gainesville, FL. 7 pp. DLN: EENY443 (IN781). (new 2008; reviewed 2011, 2014, 2017). http://edis.ifas.ufl.edu/document_in781.

Kaufman, P.E., S.M. Wisely, and J.L. Gillett-Kaufman. 2016. Primary screwworm *Cochliomyia hominivorax* (Coquerel) (Insecta: Diptera: Calliphoridae). EDIS, Electronic Digital Information Source, UF/IFAS Communications, Gainesville, FL. 5 pp. DLN: EENY668. (new 2016). http://edis.ifas.ufl.edu/in1146.

Thomson, P.[g], B. Rohde, and **P.E. Kaufman**. 2016. Rainbow scarab *Phaneaus vindex* Macleay (Insecta: Coleoptera: Scarabaeidae). EDIS, Electronic Digital Information Source, UF/IFAS Communications, Gainesville, FL. 5 pp. DLN: IN967/ENY540. (new 2013; reviewed 2016). http://edis.ifas.ufl.edu/in1003.

Ragassa, E.[g] and **P.E. Kaufman**. 2016. A mosquito, *Psorophora ciliata* (Fabricius) (Insecta: Diptera: Culicidae). EDIS, Electronic Digital Information Source, UF/IFAS Communications, Gainesville, FL. 5 pp. DLN: IN967/ENY540. (new 2012; revised 2013; reviewed 2016). http://edis.ifas.ufl.edu/in967.

Kaufman, P.E., P.G. Koehler, and J.F. Butler. 2009. Cattle grubs. EDIS, Electronic Digital Information Source, UF/IFAS Communications, Gainesville, FL. 3 pp. DLN: IG126. (Revised). http://edis.ifas.ufl.edu/document_ig126.

Koehler, P.G. and **P.E. Kaufman**. 2009. Horn flies. EDIS, Electronic Digital Information Source, UF/IFAS Communications, Gainesville, FL. 3 pp. DLN: IG137. (Revised). http://edis.ifas.ufl.edu/document_ig137.

McLendon, M.[g] and **P.E. Kaufman**. 2007. Horse bot fly, *Gasterophilus intestinalis* (DeGeer) (Insecta: Diptera: Oestridae). *Featured Creatures*. 5 pp. EENY406. http://entomology.ifas.ufl.edu/creatures/livestock/horse_bot_fly.htm.

Lippi, C.[g], **P.E. Kaufman**, E.A. Buckner. 2020. Asian bush mosquito, Asian rock pool mosquito, *Aedes japonicus japonicus* (Theobald, 1901) (Insecta: Diptera: Culicidae). *Featured Creatures*. 14 pp. EENY-761. http://entnemdept.ufl.edu/creatures/AQUATIC/aedes_japonicus.html

Other Extension Publications/Deliverables:

Texas A&M University Veterinary Entomology program website: https://kaufmanlab.entomology.tamu.edu.

University of Florida Veterinary Entomology program website: http://entnem.ifas.ufl.edu/kaufman/vetentlab/.

Operation: Protect our Pets – Dog Heartworms. BugWeek@UF. 2015. https://www.youtube.com/watch?v=w2d1V1FKjfE&index=3&list=PLbnrETfHgIugIeZGcyI5laZ36o5wNkzAq&t=0s.

Operation: Protect our Pets – Dealing with Ticks. BugWeek@UF. 2014. https://www.youtube.com/watch?v=49FlO0zJA5Y&list=PLbnrETfHgIugncN4h8hbMhSSWD1x2_FvV&index=2&t=0s.

Waldron, J.K., **P.E. Kaufman**, and D.A. Rutz. 2008. Expanding livestock integrated pest management in the Northeast: *An IPM training opportunity for Northeast US Animal Agriculture Industry Personnel*.

Project Reports 2007-2008, Agricultural and Community IPM, New York State Integrated Pest Management, 506. pp. 102-109.
Lindsay, C., **P. Kaufman**, and J.K. Waldron. 2005. Common Pasture Pests. URL: http://www.milkproduction.com/Library/Articles/Common_Pasture_Pests.htm.
Cornell University Veterinary Entomology program web site (since taken down): http://www.entomology.cornell.edu/Extension/Vet/index.html.
Kaufman, P.E. 2004. Using IPM methodologies to control insect pests: Cultural, physical and biological control. Proceedings, 12th Annual New England - New York Poultry Pest Management Workshop, Storrs, CT. pp. 21-24.
Rutz, D.A., **P.E. Kaufman**, and J.K. Waldron. 2004. Evaluation of two parasitoids in dairy calf greenhouses. 2003 New York State Livestock and Field Crops Project Reports Relating to IPM. New York State Integrated Pest Management, 324. pp. 43-49.
Rutz, D.A., **P.E. Kaufman**, and J.K. Waldron. 2004. Development of a beetle parasitoid for management of face flies. 2003 New York State Livestock and Field Crops Project Reports Relating to IPM. New York State Integrated Pest Management, 324. pp. 38-42.
Rutz, D.A., **P.E. Kaufman**, L.C. Harrington, and J.K. Waldron. 2003. Statewide survey of mosquito breeding (species identification and prevalence) on NY dairy farms. 2002 New York State Livestock and Field Crops Project Reports Relating to IPM. New York State Integrated Pest Management, 322. pp. 57-68.
Kaufman, P.E. 2002. Using IPM methodologies to control insects: Biological control. Cornell Poultry Pointers. 52(3): 14-16.
Kaufman, P.E. 2002. Using IPM methodologies to control insects. Proceedings, 10th Annual New England - New York Poultry Pest Management Workshop, Sturbridge, MA. pp. 26-28.
Kaufman, P.E. 2002. Poultry pest management - Q & A session. Cornell Poultry Pointers. 52(2): 5-6.
Rutz, D.A., **P.E. Kaufman**, and J.K. Waldron. 2002. An integrated approach to managing fly pests in dairy calf greenhouses. 2001 New York State Livestock and Field Crops Project Reports Relating to IPM. New York State Integrated Pest Management, 321. pp. 83-94.
Kaufman, P.E. 2001. Structure Protection – The beetle barrier. Cornell Poultry Pointers. 51(4): 12-13.
Kaufman, P.E. 2001. Sticky traps for large scale house fly trapping in New York poultry facilities. Cornell Poultry Pointers. 51(3): 22-24.
Kaufman, P.E., J.K. Waldron, and D.A. Rutz. 2001. Pest flies of pastured cattle and horses. Cornell University, Ithaca, NY. (Fact sheet). 4 pp.
Kaufman, P.E. and D.A. Rutz. 2001. A new approach to releasing parasitoids. Cornell Poultry Pointers. 51(2) 12-15.
Rutz, D.A., **P.E. Kaufman**, and J.K. Waldron. 2001. An integrated approach to managing fly pests in dairy calf greenhouses. 2000 New York State Livestock and Field Crops Project Reports Relating to IPM. New York State Integrated Pest Management, 320. pp. 80-91.
Rutz, D.A., **P.E. Kaufman**, S.J. Long, and J.K. Waldron. 2001. Evaluation of seasonal variations in *Carcinops pumilio* dispersal and potential for suppression of dispersal behavior. 2000 New York State Livestock and Field Crops Project Reports Relating to IPM. New York State Integrated Pest Management, 320. pp. 69-79.
Kaufman, P.E. and D.A. Rutz. 2001. Darkling beetle impact on the fly predator *Carcinops pumilio* in caged-layer houses. Cornell Poultry Pointers. 51(1): 2-3.
Kaufman, P.E., D.A. Rutz, and J.K. Waldron. 2000. Common pest flies found in the urban/rural environment and their biological control agents. Cornell University, Ithaca, NY. (Fact sheet). 4 pp.
Kaufman, P.E., D.A. Rutz, and C.W. Pitts. 2000. Pest management recommendations for poultry. Cornell University, Penn State University Cooperative Extension Publication. 16 pp.
Waldron, J.K., D.W. Watson, **P.E. Kaufman**, and D.A. Rutz. 2000. Integrated fly management around confined livestock. Cornell University, Ithaca, NY. (Videotape). 34:03.
Kaufman, P.E. and D.A. Rutz. 2000. Seasonal variations in *Carcinops pumilio* dispersal and potential for suppression of dispersal behavior. Cornell Poultry Pointers. 50(3): 14-15.
Kaufman, P.E., C.W. Pitts, and D.A. Rutz. 2000. Pest management recommendations for horses. Cornell University, Penn State University Cooperative Extension Publication. 15 pp.

Waldron, J.K., **P.E. Kaufman**, and D.W. Watson. 2000. IPM for managing barn flies, Northeast region agriculture teaching module. *IN* M. Woodsen, C. Koplinka-Loehr, J.K. Waldron, and J.R. VanKirk (Eds.). Northeast Region Integrated Pest Management and Integrated Crop Management Teaching Modules. http://www.northeastipm.org/saremod/flies.pdf. 16 pp.

Kaufman, P.E., D.A. Rutz, and C.W. Pitts. 2000. Pest management recommendations for sheep, goats and swine. Cornell University, Penn State University Cooperative Extension Publication. 17 pp.

Kaufman, P.E. 2000. Poultry insect pest identification and control. Proceedings, 8th Annual New England - New York Poultry Pest Management Workshop, Sturbridge, MA. pp 3-8.

Kaufman, P.E. 2000. Managing manure to reduce flies: Storage and land applications, problems and solutions. Proceedings, 8th Annual New England - New York Poultry Pest Management Workshop, Sturbridge, MA. pp 25-27.

Rutz, D.A., **P.E. Kaufman**, S.J. Long, and J.K. Waldron. 2000. Evaluation of seasonal variations in *Carcinops pumilio* dispersal and potential for suppression of dispersal behavior. 1999 New York State Livestock and Field Crops Project Reports Relating to IPM. New York State Integrated Pest Management, 319. pp. 57-62.

Kaufman, P.E. and D.A. Rutz. 1999. 1998 survey of house fly resistance in New York caged-layer poultry facilities and a pest and pesticide use assessment survey of poultry production systems in New York. Cornell Poultry Pointers. 49(3): 7-9.

Harrington, E.P., **P.E. Kaufman**, D.B. Weingart, J.K. Waldron, and D.A. Rutz. 1999. Pest and pesticide use assessment for poultry production systems in New York State for 1998. Pesticide Management Education Program. Cornell University. 35 pp.

Kaufman, P.E. 1999. Fly Control - The IPM Approach. Proceedings, 7th Annual New England - New York Poultry Pest Management Workshop, Sturbridge, MA. pp. 3-5.

Rutz, D.A., **P.E. Kaufman**, S.J. Long, and J.K. Waldron. 1999. Evaluation of competition, host type and host location on searching ability and parasitism rates of *Muscidifurax raptorellus* and *Nasonia vitripennis* in New York poultry facilities. 1998 New York State Livestock and Field Crops Project Reports Relating to IPM. New York State Integrated Pest Management, 318. pp. 44-57.

Kaufman, P.E. 1998. Hister beetles - predators of the formidable house fly. Cornell Poultry Pointers. 48(3): 13-14.

Harrington, E.P., D.B. Weingart, **P. Kaufman**, J.K. Waldron, W.G. Smith, and D.A. Rutz. 1998. Pest and pesticide use assessment and personal protective equipment use for dairy cattle production systems in New York State for 1997. Pesticide Management Education Program. Cornell University. 61 pp.

Long, S.J., **P.E. Kaufman**, J.K. Waldron, and D.A. Rutz. 1998. Evaluation of temperature on searching ability and parasitism rates of *Muscidifurax raptorellus* and *Muscidifurax raptor* in dairy barns and calf hutches. 1997 New York State Livestock and Field Crops Project Reports Relating to IPM. New York State Integrated Pest Management, 317. pp. 50-55.

Extension Workshops - Organized

Waldron, J.K. and **P.E. Kaufman**. 2004. Expanding Livestock Integrated Pest Management in the Northeast. An IPM Training Opportunity for Northeast US Animal Agriculture Industry Personnel. Northeast Sustainable Agriculture Research and Education Program.. Ithaca, NY.

Waldron, J.K., **P.E. Kaufman**, and D.A. Rutz. 2007. Dairy Fly IPM - Training Teleconference. Also provided as a live and archived web-cast. Northeast Sustainable Agriculture Research and Education Program. Ithaca, NY. http://nysipm.cornell.edu/livestock/teleconf.asp#webcast

Presentations at Extension Meetings, Workshops and Field Days (abbreviated):

Presentations have been delivered to over 100 audiences primarily in New York, Illinois, and Florida, ranging from on-farm presentations with pasture walks to organized Extension meetings where pesticide recertifications credits were offered. Audiences have ranged from all 4th graders in Cortland County, NY, Illinois 4-H participants, producers, Extension educators, dermatology students, and professional pest abatement technicians. Provided below are six examples of timely topics covered:

Kaufman, P.E. 2016. Control of External Parasites. Cattle Health and Well-Being, In-Service Training for County Faculty. University of Florida, Gainesville, FL.
Kaufman, P.E. 2015. Managing the Unmanageable: Considerations for Control of the Brown Dog Tick. Webinar for the National Pest Management Association. Virtual.
Kaufman, P.E. 2013. Tick and Screwworm ID. Foreign Animal and Emerging Diseases Awareness Course, University of Florida. Gainesville, FL.
Kaufman, P.E. 2011. Applied Management of Fly Control. Florida Beef Cattle Short Course. Gainesville, FL.
Kaufman, P.E. 2009. Horse and Livestock Pest Management. Florida Equine Management II. Ocala, FL.
Roberts, J., D. Zimmel, J. Foltz, and **P.E. Kaufman**. 2006. Mare Reproductive Loss Syndrome Update. Ocala Breeders' Sales Co., Ocala, FL.

Media Experience (abbreviated)
Delivered numerous radio and television interviews including one by NPR - *Science Friday* on the screwworm infestation in 2016 in the Florida Keys (https://theworld.org/stories/2016-11-13/screwworm-back-and-it-s-bad-news-florida-s-endangered-deer).

CONTRACTS AND GRANTS
Career total: $17.7M, with $4.6 million to Kaufman

Texas A&M University (2020-present)

Int = internally-funded, Ext = externally-funded.

Role	Agency	Grant Title	Dates	Total Award	Kaufman Allocation	Int/Ext
TAMU Total				$4,630,015	$1,445,514	
PI	USDA,APHIS	African Swine Fever Virus Risk Analysis Utilizing Species Distribution and Occupancy Models for Competent Hosts and Ticks	2024-2025	$149,969	$14,997	Ext
PI	Texas A&M AgriLife Research Animal Health Seed Grant	Enhanced Detection of Pathogen Presence in Insect Vectors	2023-2025	$100,000	$100,000	Int (competitive)
PI	USDA, APHIS	Modeling the Geographic Distribution of *Ornithodoros* Ticks in the United States	2023-2024	$125,000	$31,250	Ext
PI	Texas A&M AgriLife Research Insect Vector Disease Seed Grant	Gene Expression Analysis of Tick-Host Interactions to Identify Novel Ectoparasite Management Approaches	2023-2025	$350,000	$326,000	Int (competitive)
Co-PI	Texas A&M AgriLife Research Insect Vector Disease Seed Grant	Insect Vectors as Sentinels of Antimicrobial Resistance Genes in the Context of Livestock Farming	2023-2025	$398,276	$90,140	Int (competitive)
Co-PI	USDA, AFRI	Epidemiology, Transmission, and Pathogenicity of Equine Hepacivirus	2022-2024	$625,000	$101,767	Ext
PI	Texas A&M AgriLife Research Insect Vector Disease Seed Grant	A Regional Examination of Acaricide Resistance, Pathogen Infectivity and Species Lineage in *Rhipicephalus sanguineus*, an Emerging One Health Tick of Concern	2021-2023	$335,587	$335,587	Int (competitive)
Co-PI	Texas A&M AgriLife Research Insect Vector Disease Seed Grant	Insect Vectors of Enteric Pathogens and Antimicrobial Resistance Genes on Livestock Farms	2021-2023	$361,410	$69,000	Int (competitive)
PI	USDA, ARS	Elucidating Mechanisms of Pyrethroid Resistance in Stable Flies	2021-2024	$101,958	$101,958	Ext
PI	USDA, ARS	Detection of Ivermectin Target-site Resistance in *Rhipicephalus microplus*	2021-2024	$204,583	$204,583	Ext

PI	USDA, ARS	Predilection Sites of Larvae, Nymphs, and Adults of *Rhipicephalus microplus*	2021-2024	$50,488	$50,488	Ext
PI	Central Life Sciences	Efficacy of a Feed-Through Insecticide to Inhibit the Development of Horn Flies in Manure of Treated Animals	2021-2022	$42,474	$42,474	Ext
PI	Central Life Sciences	Efficacy of a Liquid Formulation of a Feed-through Insecticide to Inhibit the Development of Horn Flies in Manure of Treated Animals	2021-2022	$41,284	$41,284	Ext
PI	CDC	Western Gulf Center of Excellence for Vector-Borne Diseases	2016-2021	$1,810,000	$9,000	Ext

University of Florida (2005-2020)

Int = internally-funded, Ext = externally-funded.

Role	Agency	Grant Title	Dates	Total Award	Kaufman Allocation	Int/Ext
UF Total				$12,060,408	$2,118,824	
PI	Intermatic, Inc.	Evaluation of Mosquito Sentinel Traps	2005-2006	$10,000	$10,000	Ext
PI	Deployed War Fighters Protection Program (U.S. Army)	Selection of Active Ingredients for Control of Medically Important Diptera	2006-2009	$627,301	$627,301	Ext
PI	Southeast Milk Check-Off	Preemptive Management of Insecticide Resistance on Southeastern Dairies	2007-2008	$30,500	$30,500	Ext
PI	W.F. Young, Inc.	Evaluation of the Fly Repellant Efficacy of Two New Fly Control Sprays	2008-2009	$30,625	$30,625	Ext
PI	Southeast Milk Check-Off	Preemptive Management of Insecticide Resistance on Southeastern Dairies (Yr 2)	2008-2009	$30,500	$30,500	Ext
PI	Beat-It, Inc.	Evaluation of the Beat-It™ Mosquito Repellant in an Olfactometer	2008-2009	$21,250	$21,250	Ext
PI	USDA-Tropical and Subtropical Agriculture Research	Resistance in the Southern Cattle Tick, *Boophilus microplus*, to Acaricides Used on St. Croix and Puerto Rico	2008-2010	$119,977	$99,977	Ext
PI	W.F. Young, Inc.	Evaluation of the Fly Repellant Efficacy of Two New Fly Control Sprays	2009-2010	$10,625	$10,625	Ext

PI	USDA Cooperative State Research Service	Improving Management of the Brown Dog Tick, *Rhipicephalus sanguineus*, in Southeastern Residential Environments	2009-2012	$27,294	$27,294	Ext
PI	USDA Cooperative State Research Service	Improving Management of the Brown Dog Tick, *Rhipicephalus sanguineus* in Southeastern Residential Environments	2009-2012	$144,131	$144,131	Ext
PI	USDA - National Institute of Food & Agriculture	Development and Delivery of an Innovative, Alternative Pest Management Program for the Brown Dog Tick	2010-2013	$198,162	$135,225	Ext
PI	Texas A&M Research Foundation (sub-contract from primary agency: US Department of Agriculture)	Application of Weather Dynamics to Predict Population Changes and Enhance IPM Strategies	2011-2014	$10,046	$10,046	Ext
PI	Southeast Milk Check-off	Reduced Risk Management and Current Status of Insecticide Resistance of Horn Flies on Southeastern Dairies	2012	$29,850	$29,850	Ext
PI	Multiple Sponsors	IFAS Faculty Service Program Laboratory Bench Evaluation Procedures and Field Evaluation Procedures	2012-2021	$76,650	$76,650	Ext
PI	Miscellaneous Donors Unrestricted	UF Program Account-Miscellaneous Donors	2013-2019	$48,000	$48,000	Ext
PI	Intervet	Management of *Amblyomma maculatum* Infestations on Cattle	2014-2016	$133,909	$127,180	Ext
PI	UF-IFAS-Multi-State Research Funds	Fly Management in Animal Agriculture Systems and Impacts on Animal Health and Food Safety	2015	$9,965	$9,965	Int
PI	Florida Department of Agriculture and Consumer Services	Development of Novel UF Patented Semiochemical-based Insecticides for Biting Flies of Cattle	2015-2016	$53,784	$53,784	Ext
PI	Oklahoma State University	Improved Sampling for and Determination of Seasonal Incidence of Dog Heartworm-infected Mosquitoes Collected Near Private Homes and Dog Kennel Facilities	2015-2017	$14,991	$14,991	Ext

PI	Intervet	Management of *Dermacentor variabilis* Infestations on Cattle	2015-2017	$241,846	$235,021	Ext
PI	UF-IFAS-Multi-State Research Funds	Development of Novel UF Patented Semiochemical-based Insecticides as Larvicides for House Flies	2016	$9,966	$9,966	Int
PI	UF-IFAS Equipment & infrastructure support	BioRad CFX96 Touch RealTime PCR Detection System	2016	$15,000	$15,000	Int
PI	Florida Department of Agriculture and Consumer Services	Toxicity of Vapor Active Insecticides for Multi-vector Control	2016-2017	$83,821	$83,821	Ext
PI	Central Life Sciences	Evaluation of Adult *Stomoxys calcitrans* on Weight Gain in Young Pigs	2016-2017	$21,182	$21,182	Ext
PI	National Center for Veterinary Parasitology/ Oklahoma State University	Improved Sampling for and Determination of Seasonal Incidence of Dog Heartworm-infected Mosquitoes Collected Near Private Homes and Dog Kennel Facilities	2017-2018	$11,305	$11,305	Ext
PI	Centers for Disease Control and Prevention	Southeastern Regional Center of Excellence in Vector-Borne Diseases: The Gateway Program	2017-2021	$9,999,628	$180,635	Ext
PI	Southeast Milk Checkoff	Improved Fly Control Using Biological Control Agents	2018-2019	$16,000	$9,000	Ext
PI	Florida Department of Agriculture and Consumer Services	Evaluation of a Vapor-active Pyrethroid as a Barrier Treatment Against Wild Mosquitoes	2018-2019	$34,100	$15,000	Ext

Share/Gift Funding (UF Foundation)

From 2005-2020, various donors provided my program with $138,500 in unrestricted funds to further research into the management of livestock pests.

Funding obtained for research and Extension activities while employed at Cornell University

1997-2004 = $866,000