

JOHN P. SMITH, Ph.D., B.C.E.

Address: 8205 Grand Palm Blvd.
Panama City Beach, Florida 32408

Phone: (850) 319-9475

Email: docmx8@gmail.com

Webpage: <http://mosquitoresearchlab.com>

Birth Date: September 24, 1956

Birthplace: Eglin Air Force Base, Florida

Marital Status: Married to Marjorie Ann Elliott (12/27/78)

Children: Adam John (6/29/85) and Katie Ann (3/6/87)

Physical Data: Ht. 5'10"; Wt. 164 lbs.; Condition: Excellent

EDUCATION

| <u>Institution</u> | <u>Major</u> | <u>Degree</u> | <u>Year</u> |
|-------------------------------------|------------------------|----------------------|-------------|
| University of Missouri-Columbia | Veterinary Entomology | Doctor of Philosophy | 1984 |
| University of Arkansas-Fayetteville | Medical Entomology | Master of Science | 1979 |
| University of Arkansas-Fayetteville | Agriculture-Entomology | Bachelor of Science | 1977 |

Collateral Studies: Computer Science and Statistics

MANAGEMENT TRAINING

1988: Florida Department of Health & Rehabilitative Services: Certified Contract Manager

1988: Florida State University: Collaborative Negotiations for Contract Managers

1986-1988: Career Track Management Courses Completed:

- “Assertiveness”
- “Leadership”
- “How to Deal with Difficult People”
- “In Search of Excellence”
- “How to Make Presentations That Win Approval”
- “Getting Things Done”

1985: American Management Association and Associated Management Courses in Personnel Management

CERTIFICATIONS

- Entomological Society of America Board Certified Medical/Veterinary Entomologist
- U.S. Environmental Protection Agency Certified Inspector #1802 for the State of Florida
- Florida Public Health Pesticide Applicator Certification

APPOINTMENTS

| Dates | Position | Employer |
|-------------------------|---|---|
| Jul., 2011 – Present | Owner & Director | Public Health Entomology Services, LLC |
| Sept. 2017 – Jun., 2019 | Asst. Research Professor / Research Medical Entomologist | Florida State University (FSU) Panama City, FL |
| Aug. 2014 – Aug., 2017 | Asst. Teaching Professor – Biology / Interim STEM Director / Science Program Coordinator / Research Medical Entomologist | FSU Panama City |
| July 2011 – Aug., 2014 | Visiting Scientist / Asst. in Research Medical-Veterinary Entomologist | FSU Panama City |

Responsibilities/Achievements:

- Awarded over \$1.4 million in grants and contracts
- Published and presented results of scientific findings
- Developed research grant proposals and served as P.I. on several grants/contracts
- Provided continuing education for public health pest control and environmental health professionals
- Provided mosquito and mosquito-borne disease surveillance for governmental public health agencies in NW Florida
- Taught biology and biology laboratory for non-science majors
- Developed laboratory facilities for biology, physics, and chemistry
- Provided administrative support to physics and chemistry adjunct faculty
- Served as liaison with main campus science departments
- Developed undergraduate and graduate syllabi for online forensic entomology courses
- Developed, coordinated, and taught STEM programs and workshops for primary/secondary schools
- Initiated and supervised FSU PC Girls Who Code club
- Supervised FSU PC STEM work study students

| | | |
|------------------------|--|--|
| Feb. 1992 – Jun., 2011 | Center Director / Tenured Professor of Entomology | John A. Mulrennan Sr., Public Health Entomology Research & Education Center (PHEREC), Florida A & M University (FAMU), Panama City, FL |
|------------------------|--|--|

Responsibilities/Achievements:

- Provided leadership, direction, planning, budgeting, accounting, resource allocation, and facility management of a 10-acre research campus equipped with numerous buildings, laboratories, vehicle fleet, shop, library, and experimental plots
- Supervised, guided, and provided resources and administrative support for 6 PhD faculty and 14-19 staff in administering \$1.2 million annual budget and \$200-\$700K/year in external grants/contracts
- Obtained over \$2 million in mosquito research grants and/or contracts
- Developed successful administrative proposal to elevate PHEREC scientists to tenure-earning faculty positions with salary equity provisions

- Developed successful administrative proposal to add an extension faculty position to PHEREC and to restore previously lost staff positions
- Developed successful administrative proposal to rename Panama City Arthropod Research Laboratory to Public Health Entomology Research and Education Center (PHEREC)
- Conducted research on mosquito surveillance, arbovirus ecology, repellents, and mosquito trapping systems
- Operated Disease Ecology and Control section laboratory, supervised, and provided funding and leadership for four laboratory/field technicians
- Published articles in scientific journals and professional magazines
- Organized symposia and presented at professional, civic, and scientific meetings
- FAMU representative on the Florida Department of Health Interagency Arbovirus Task Force responsible for developing guidelines and providing recommendations on statewide mosquito-borne disease surveillance and control
- Chaired faculty appraisal committee responsible for developing performance evaluations for the FAMU College of Engineering Sciences, Technology, and Agriculture
- Served as FAMU representative on legislative-established Florida Coordinating Council on Mosquito Control responsible for recommending State mosquito control policies and research
- Participated in annual legislative meetings on mosquito control and research funding as a member of the Florida Mosquito Control Association (FMCA) legislative and research committees
- Organized and coordinated summer experiential learning workshop for FAMU students
- Mosquito and arbovirus surveillance provider for five NW Florida County programs and on FDACS special assignments during hurricane and flood emergencies
- Discovered and published the first occurrence of *Culex coronator* in Florida
- Public and environmental health continuing education provider and annual conference/workshop organizer/coordinator/instructor
- Increased PHEREC visibility by producing and/or organizing monthly newsletter; medical entomology extension guides; promotional exhibits; research advisory council; annual reports; annual achievement symposia; technology transfer seminars; educational workshops and conferences; social and public field day events
- Increased PHEREC accountability through program reorganization; implementing production-oriented goal setting; implementing divisional management and budgeting; updating position descriptions and performance standards; and developing new appraisal systems
- Increased funding for PHEREC research through budget restructuring, utility improvements, and by obtaining access for PHEREC scientists to compete for FDACS mosquito research grant funds
- Acquired/arranged resources for PHEREC infrastructure additions including chemical storage buildings; public water supply system; 3000 sq. ft. building acquisition; seven modular laboratories; one mobile research unit; internet; LAN; library improvements; ITV conferencing; new office equipment, phone and video security systems; heavy equipment for grounds and research plot maintenance; and, multiple support vehicles
- Monthly PHEREC newsletter editor and chief author for over six years
- News media spokesman on medical entomology
- Extension entomologist to public, mosquito control agencies, civic organizations, and schools
- Multi-year science fair judge and award presenter
- Developed strategic plans, annual reports, and other administrative documents

June 1991 – Feb., 1992 Director / Biological Administrator III John A. Mulrennan Sr.,
Arthropod Research
Laboratory (JAMSARL),
Florida Department of Health
and Rehabilitative Services
(FHRS), Panama City, FL

Responsibilities/Achievements:

- Developed proposal and garnered FHRS, FMCA, legislative, and university officials support leading to transfer of PHEREC from FHRS to FAMU
- Other responsibilities like above

June 1985 – June, 1991 Medical Entomologist / Office of Entomology Services,
Contract Research Manager / FHRS, Jacksonville, FL
Biological Administrator I

Responsibilities/Achievements:

- Initiated and administered the Florida Mosquito Control Contract Research Program with an annual budget of up to \$500K involving RFP development; forming and leading selection team; contract management; performance monitoring; and, annual program accountability reporting
- Coordinated state mosquito surveillance program and conducted special surveys
- Instrumental in the first discovery and publication of *Aedes albopictus*, the Asian tiger mosquito in Florida
- Chaired the FHRS regulatory committee responsible for developing the current Florida mosquito surveillance rules
- FHRS representative on ticks, tick identification and surveillance, and tick-borne disease surveillance/control
- Supervised a biological scientist and two laboratory technicians
- Extension medical entomologist to the public and governmental agencies on all public health arthropod pest/vector species
- Provided in-service training to public health pesticide applicators, environmental health specialists, and public health lab personnel
- Served as invited representative on California University-wide Mosquito Research Program Review
- Served as FHRS medical entomology consultant to the press
- Prepared departmental regulatory guidelines and delivered scientific publications and presentations
- Assisted in coordinating office automation activities including computer purchasing, installation, training, and programming
- Served as biological judge in Jr./Sr. high school science fairs

Sept. 1983 – June, 1985 State Medical Entomologist & Vector Environmental Health Division,
Control Specialist Nebraska Department of
Health, Lincoln, NE

Responsibilities/Achievements:

- Annually provided five regional vector control training workshops to public health pesticide applicators and county/city employees throughout Nebraska

- Conducted mosquito, tick, black fly, and rodent surveys
- Invited speaker and CEU provider for public health professionals
- Developed departmental extension guides on arthropods of public health importance
- Departmental liaison to the Nebraska Mosquito & Vector Control Association (NMVCA) and University of Nebraska Entomology Department
- NMVCA Vice President and association newsletter editor/author
- Prepared and delivered scientific publications and presentations
- Served on departmental grant and computer technology committees
- Served as departmental press consultant on health-related entomological topics

Jan. 1980 – Sept., 1983 Ph.D. Graduate Research Assistant-
 Veterinary/Medical Entomology Entomology Department,
 University of Missouri,
 Columbia, MO

Responsibilities/Achievements:

- Conducted basic and applied research on livestock insect pests including stable flies, house flies, face flies, horn flies, and northern fowl mites
- Designed, conducted, and participated in several insecticide trials for fly and mite control
- Maintained stable fly colony and assisted with other muscoid species
- Prepared and submitted scientific publications and presentations
- Dissertation: “Field Mortality Studies of Immature Stable Flies”- 292 pp.
- Academic Advisor: Dr. Robert Hall

July 1979 – Jan., 1980 Research Assistant-
 Medical Entomology (Full-time) Entomology Department,
 University of Arkansas,
 Fayetteville, AR

Responsibilities/Achievements:

- Led and supervised rice field mosquito surveillance team
- Collected, analyzed, and presented data on rice field mosquito research
- Participated in field and laboratory mosquito larvicide and adulticide evaluations

July 1977 – July, 1979 M.S. Graduate Research Assistant-
 Medical Entomology Entomology Department,
 University of Arkansas,
 Fayetteville, AR

Responsibilities/Achievements:

- Assisted in field and laboratory mosquito larvicide and adulticide research
- Conducted statewide surveys for the yellow fever mosquito, *Aedes aegypti*
- Conducted statewide St. Louis encephalitis wild bird serosurveys and mosquito collections for viral isolation
- Thesis: “The Incidence and Seasonal Abundance of Culicidae Larvae as Related to Typical Chemical, Biological, and Cultural Practices Used in Various Rice Field Ecosystems of Arkansas County” – 84 pp.
- Academic advisor: Dr. Max Meisch

July 1974 – July, 1977 Undergraduate Lab Technician Entomology Department,
 (Entomology Museum, Livestock, and University of Arkansas,
 Forest Entomology Laboratories) Fayetteville, AR

Responsibilities/Achievements:

- Curatorial assistant in departmental entomology museum
- Assisted in conducting fly parasitoid surveys
- Assisted in processing and collecting data from southern pine beetle & pine tip moth samples
- Provided data entry and verification
- Laboratory maintenance

TEACHING EXPERIENCE

Course Development:

| <u>Course Number</u> | <u>Title</u> | <u>Credits</u> | <u>Format</u> |
|----------------------|---|----------------|---------------|
| BSC1005 | Biology for Non-Science Majors | 3 | Face-to-face |
| BSC1005L | Biology for Non-Science Majors Lab | 1 | Face-to-face |
| CJE 4220/5225 | Introduction to Forensic Entomology | 3 | On-line |
| CJE 4221/5226 | Forensic Entomology: Field Collection Techniques | 3 | On-line |
| CJE 4223/5228 | Forensic Entomology: Taxonomy and Postmortem Interval | 3 | On-line |
| CJE 4222/5227 | Forensic Entomology: Case Studies and Legalities | 3 | On-line |

Credit Course Instruction:

| <u>Date</u> | <u>Location</u> | <u>Course</u> | <u>Topic</u> |
|-------------|-----------------|---------------|--------------------|
| 2015 Fall | FSU Panama City | BSC1005 | Biology |
| 2015 Fall | FSU Panama City | BSC1005L | Biology Laboratory |
| 2015 Spring | FSU Panama City | BSC1005 | Biology |
| 2015 Spring | FSU Panama City | BSC1005L | Biology Laboratory |
| 2014 Spring | FSU Panama City | BSC1005 | Biology |
| 2014 Spring | FSU Panama City | BSC1005L | Biology Laboratory |

Special Problems Course Instructor:

| | | | |
|------------|------|------------|------------------|
| 1993, 1995 | FAMU | Entomology | Mosquito Control |
|------------|------|------------|------------------|

Guest Lecturer:

| <u>Date</u> | <u>Location</u> | <u>Course/Area/Type</u> | <u>Topic</u> |
|-------------|---|-------------------------|--------------------|
| 2002 | FAMU, Institute of Public Health Tallahassee, FL | Environmental Health | Mosquito Control |
| 1984 | Creighton University, Omaha, NE | Medical School | Medical Entomology |
| 1982 | University of Missouri Entomology Department Columbia, MO | Med/Vet Entomology | Mosquitoes |

Teaching Assistant:

| | | | |
|---------|---|--------------------|--------------------------------|
| 1977-78 | University of Arkansas Entomology Department Fayetteville, AR | General Entomology | Lab Instructor (3 sections) |
|---------|---|--------------------|--------------------------------|

Workshop Organizer/Instructor:

| | | | |
|------|-------------------------------|--|--|
| 2019 | FSU | Northwest Florida Mosquito Control Workshop | Mosquito Control |
| 2018 | FSU | Northwest Florida Mosquito Control Workshop | Mosquito Control |
| 2017 | FSU | Northwest Florida Mosquito Control Workshop | Mosquito Control |
| 2016 | FSU | Mosquito Entomology Workshop | Mosquito Surveillance |
| 2016 | FSU | Northwest Florida Mosquito Control Workshop | Mosquito Control |
| 2016 | FSU & Bay District Schools | Students Understanding the Research and Groundwork of Experiments | “Microscopy, Mosquitoes, and Microorganisms” |
| 2015 | FSU | STEM Rising 9/10 th Grade Summer Camp | “Hacking Habitats” Invertebrate Ecology |

| | | | |
|-----------|----------------------------------|---|---|
| 2015 | FSU | Southeast Regional Mosquito Control Workshop | Mosquito Control |
| 2014 | FSU | Mosquito Entomology Workshop | Mosquito Identification & Surveillance |
| 2014 | FSU | Southeast Regional Mosquito Control Workshop | Mosquito Control |
| 2013 | FSU | Mosquito Identification Workshop-II | Mosquitoes |
| 2013 | FSU | Southeast Regional Mosquito Control Workshop | Mosquito Control |
| 2013 | FSU | Mosquito Identification Workshop-I | Mosquitoes |
| 2013 | FSU | STEM Teacher Workshop | “Studying Mosquitoes in the Classroom” |
| 2012 | FSU | FSU Mosquito Control Training Workshop | Mosquito Control |
| 1992-2011 | FAMU & FMCA | Annual Seminars, Symposia, Workshops, and Presentations | Mosquito Control and Medical Entomology |
| 1985-91 | FHRS & FMCA | Annual Seminars and Short Courses | Mosquito Control & Medical Entomology |
| 1983-84 | Nebraska State Health Department | Statewide Regional Workshops | Vector Biology & Control |

HONORS

2003: Florida A&M University, College of College of Engineering Sciences, Technology and Agriculture “Outstanding Administrator” Award

2003: Florida A&M University, College of College of Engineering Sciences, Technology and Agriculture “Outstanding Team Award” for PHEREC leadership in providing state assistance on West Nile virus

2001: Florida Department of Agriculture & Consumer Services, Certificate of Appreciation for West Nile virus surveillance assistance presented by FDACS Commissioner Charles Bronson

1992– 2011: Appointed as Florida A&M University representative on the legislatively established Florida Coordinating Council on Mosquito Control

- 1990: Invited member of University of California, University-wide mosquito research review team
- 1984: Received recommended appointment as Adjunct Assistant Professor in Entomology Dept., University of Nebraska
- 1983: Awarded University of Missouri PhD graduate student award for out-of-country scientific meeting travel
- 1977: Nominated for Key's Award given to five outstanding seniors in the College of Agriculture and Home Economics, University of Arkansas
- 1977: Nominated for Who's Who in the College of Agriculture and Home Economics, University of Arkansas
- *Listed in Who's Who Worldwide, Who's Who in Science in the South and Southwest U.S., and Who's Who in Science and Engineering

REFERREED JOURNAL PUBLICATIONS

1. Smith, JP, Taylor TJ, Adams CI, Tennant RA, Cope E, Walsh J, Nomann B, Horn C, Johnson F, Hilson G, Golden C, O'Neal G, Kozak J, Armstrong K, Conyers L. 2020. Updated County mosquito species records for Northwest Florida. *J FL Mosquito Control Assoc.* 67: 1-9.
2. Riles, M. T., J. P. Smith, Burket-Candena, N., Connelly, C. R., Morse, G. W., Jr., and Byrd, B. D. 2017. First record of *Aedes japonicus* in Florida. *J. Amer. Mosquito Control Assoc.* 33(4): 340-344.
3. Smith, J. P., E H. Cope, J. D. Walsh, and C. D. Hendrickson. 2010. Ineffectiveness of mass trapping for mosquito control in St. Andrews State Park, Panama City Beach, Florida. *J. Amer. Mosquito Control Assoc.* 26(1):43-49.
4. Smith, J. P., R. A. Tennant, Jr., J. A. Kozak III, E. H. Cope, J. D. Walsh. 2008. Trapping and serosurveillance of live wild birds for arboviruses. *Tech. Bull. FL Mosquito Control Assoc.* 8:10-14.
5. Smith, J. P., J. D. Walsh, E. H. Cope, R. A. Tennant Jr, J. A. Kozak III and R. F. Darsie, Jr. 2005. *Culex coronator* Dyar and Knab: A New Florida Species Record. *J. Amer. Mosquito Control Assoc.* 22(2):330-332.
6. Floore, T. G., J. P. Smith, K. R. Shaffer, and E. T. Schreiber. 2002. Laboratory bioassay studies to determine methoprene susceptibility in natural populations of *Ochlerotatus taeniorhynchus* from the Florida Keys. *J. Amer. Mosq. Control Assoc.* 18(2) 111-113.
7. Smith, J. P. & T. G. Floore. 2001. New mosquito collection records for southern Georgia. *J. Entomol. Sci.* 36(2): 114-121.
8. Smith, J. P. 1992. Lyme Disease. *J. FL. Mosq. Control Assoc.* 63(1): 35-38.
9. Smith, J. P., T. M. Loyless and J. A. Mulrennan, Jr. 1990. An update on *Aedes albopictus* in Florida. *J. Amer. Mosq. Control Assoc.* 6(2):318-320.
10. Hall, R. D., J. P. Smith, and G. D. Thomas. 1989. Effect of predatory arthropods on the survival of immature stable flies (Diptera: Muscidae). **In** *Current Status of Stable Fly Research*. ESA Misc. Publ. 74: 33-40.

11. Smith, J. P., R. D. Hall, and G. D. Thomas. 1988. A review of natural mortality and enemies of the stable fly (Diptera: Muscidae) in Missouri. *Florida Entomol.* 72 (2): 351-360.
12. Peacock, B. E., J. P. Smith, P. G. Gregory, T. L. Loyless, J. A. Mulrennan, Jr., P. R. Simmonds, L. Padgett, Jr., E. K. Cook and T. R. Eddins. 1988. *Aedes albopictus* in Florida. *J. Mosq. Control Assoc.* 4(3):362-365.
13. Smith, J. P., R. D. Hall, and G. D. Thomas. 1987. Arthropod predators and competitors of the stable fly (Diptera: Muscidae). *J. Kans. Entomol. Soc.* 60: 562-567.
14. Smith, J. P., R. D. Hall, and G. D. Thomas. 1987. Field parasitism of the stable fly (Diptera: Muscidae). *Ann. Entomol. Soc. Amer.* 80 (3):391-397.
15. Smith, J. P., and W. F. Rapp. 1985. Black flies in Nebraska (Diptera: Simuliidae). *Proc. N. J. Mosq. Contr. Assoc. Ann. Mtg. March:* 135-6.
16. Smith, J. P., R. D. Hall, and G. D. Thomas. 1985. Field mortality studies of the immature stages of the stable fly (Diptera: Muscidae) in Missouri. *J. Environ. Entomol.* 14 (6):881-90.
17. Smith, J. P. 1985. Prevalence, severity and control of head lice and scabies in Nebraska public schools and day care centers. *Neb. Morb. Rep.* June: 3-4.
18. Smith, J. P. 1984. The status of head lice in Nebraska public schools. *West Cent. Mosq. Vector Contr. Assoc. Proc.* 9:11-14.
19. Smith, J. P., R. D. Hall, and G. D. Thomas. 1983. Natural enemies of the stable fly, *Stomoxys calcitrans* (L.), and their impact in Missouri (Abstract). *J. Kans. Entomol. Soc.* 56(3):454-55.
20. Smith, J. P., R. D. Hall, and F. J. Fischer. 1983. Residual barn treatments using synthetic pyrethroid insecticides for the control of house flies. *Ins. Acar. Tests.* 8:231-32.
21. Hall, R. D., G. D. Thomas, J. P. Smith, and D. E. Figg. 1983. Natural mortality of stable flies, face flies, and other Diptera associated with bovine dung in central Missouri. *Mo. Agric. Exp. Sta. Beef Cattle Production and Management.* 1983 Progress Report 103:63-68.
22. Smith, J. P., R. D. Hall, and L. M. English. 1980. Residual barn treatments using Atroban permethrin for the control of house flies. *Ins. Acar. Tests.* 6:205.
23. Meisch, M. V., J. P. Smith, and W. B. Kottkamp. 1979. Effectiveness of Bay SRA 12869 against mosquito larvae in laboratory and rice-field plot tests. *Ark. Farm Res.* 28(5): 2.

BOOK CHAPTERS

1. Smith, J. P. 2022. Arthropod Repellent Research in Northwest Florida. In *Advances in Arthropod Repellents*. Corona, C., M. Debboun, and J. Coats (Eds.). Academic Press, ISBN 9780323854115, pp. 259-266.
2. Smith, J. P. 2009. Mosquito Control Research: Florida Agricultural and Mechanical University, John A. Mulrennan, Sr. Public Health Entomology Research and Education Center. In *Florida Mosquito Control: The state of the mission as defined by mosquito controllers, regulators, and environmental managers*. Connelly, C.R. and D.B. Carlson (Eds.). Florida Coordinating Council on Mosquito Control. Vero Beach, FL: University of

Florida, Institute of Food and Agricultural Sciences, Florida Medical Entomology Laboratory. pp. 202-208.

3. Smith, J. P. 2004. Human Scabies. **In** *Encyclopedia of Entomology*. Kluwer Academic Publishers. Capinera Ed. Vol. 2. pp 1138-1139.
4. Smith, J. P. 1999. Chapter 1-Section II—Lyme Disease pp. 1.4 - 1.5 **In** *Surveillance and Control of Selected Arthropod-borne Diseases in Florida*. Florida Dept. of Health, Bureau of Epidemiology Manual.
5. Smith, J. P. 1999. Chapter 3-Section IV—Tick Monitoring; pp. 3.5 - 3.6; Section V—Surveillance of Human Disease Subsection B. LD pp 3.7 - 3.8 Section VI—Animal Disease Surveillance Subsection B. LD (pets and livestock) p. 3.10 **In** *Surveillance and Control of Selected Arthropod-borne Diseases in Florida*. Florida Dept. of Health, Bureau of Epidemiology Manual.
6. Smith, J. P. 1999. Chapter 4-Section I—Personal Protection Subsection B. Tick-borne Disease p. 4.2; Chapter 4-Section III—Vector control Subsection B. Tick Control p. 4.4 **In** *Surveillance and Control of Selected Arthropod-borne Diseases in Florida*. Florida Dept. of Health, Bureau of Epidemiology Manual.
7. Smith, J. P. 1999. Appendix F-Tick Removal and Identification After Disease Diagnosis F.1-F.2. **In** *Surveillance and Control of Selected Arthropod-borne Diseases in Florida*. Florida Dept. of Health, Bureau of Epidemiology Manual.
8. Smith, J. P. 1998. Chapter on Mosquito Control Research. **In** *Florida Mosquito Control: The state of the mission as defined by mosquito controllers, regulators, and environmental managers*. Florida Coordinating Council on Mosquito Control. University of Florida. 207 pp.
9. Smith, J. P. and P. Mehan. 1992. Chapter on Lyme Disease. **In** *Surveillance and Control of Diseases Spread by Mosquitoes and Ticks in Florida*. HRSP 150-12; pp. 31-35 & 54-62.

EXTENSION PUBLICATIONS

1. Smith, J. P. 2014. Mosquitoes...More Than Just Annoying. Panama City Living. Panama City Living Media, LLC. Jul-Aug. issue: 64-65.
2. Cope, E., and J. P. Smith. 2010. Maintenance for “Maintenance-Free” Batteries. *Wing Beats* 21(2): 23-30.
3. Smith, J. P. 2009. The Florida Contract Mosquito Control Research Program. *Wing Beats* 20(1): 18-21.
4. Smith, J. P. 2006. Dr. Jack Rogers: First Director of the John A. Mulrennan Sr., Public Health Entomology Research and Education Center. *Wing Beats* 17(1): 11.
5. Gooch, H. 2005. PHEREC Fundamentals. Interview with Dr. John Smith. *Pest Control Magazine*. Sept issue. <http://www.PestControlMag.com>. pp. 49-53.
6. Smith, J. P., J. Petersen, T.G. Floore. 2000. Mosquito Repellents. August Issue. *Good Housekeeping Magazine*.
7. Smith, J. P. 1999. Human Scabies. FAMU-PHEREC EntGuide #8. 2 pp.

8. Smith, J. P. 1999. Head Lice and Their Control. FAMU-PHEREC EntGuide #9. 3 pp.
9. Smith, J. P. 1991. Article on Florida Bugs. **In** *The Complete Guide to Life in Florida*. LaFreniere & LaFreniere; Pineapple Press, Inc., Sarasota, FL. 408 pp.; Chapt. 1: 14-15.
10. Smith, J. P. (editor and co-author) et al. 1990. *Highlights of Contract Mosquito Control Research in Florida: 1988/89 Annual Report*. FL. Dept. Health and Rehab. Serv., Entomol. Serv. Misc. Pub. 12 pp.
11. Smith, J. P. (editor and co-author) et al. 1989. *Highlights of Contract Mosquito Control Research in Florida: 1987/88 Annual Report*. FL. Dept. Health and Rehab. Serv., Entomol. Serv. Misc. Pub. 9 pp.
12. Smith, J. P. (editor and co-author) et al. 1988. *Highlights of Contract Mosquito Control Research in Florida: 1986/87 Annual Report*. FL. Dept. Health and Rehab. Serv., Entomol. Serv. Misc. Pub. 14 pp.
13. Smith, J. P. (editor and co-author) et al. 1987. *Highlights of Contract Mosquito Control Research: 1985/86 Annual Report*. FL. Dept. Health and Rehab. Serv., Entomol. Serv. Misc. Pub. 24 pp.
14. Smith, J. P., S. T. Kamble, and R. E. Gold. 1986. Human lice and their control. NebGuide G86-789; J-4. 4pp.
15. Smith, J. P. 1985. Recommendations for community mosquito control. Nebr. State Hlth. Dept. Environ. Hlth. Circ. No. 24. 2pp.
16. Smith, J. P. 1984. The itch mite and human scabies. Nebr. State Hlth. Dept. Environ. Hlth. Circ. No. 16. 2pp.
17. Smith, J. P. 1984. Insect and rodent control in food storage areas. Nebr. State Hlth. Dept. Environ. Hlth. Circ. No. 17. 1 p.
18. Smith, J. P. 1984. Backyard mosquito control. Nebr. State Hlth. Dept. Environ. Hlth. Circ. No. 234. 2pp.
19. Smith, J. P. 1984. 1984 Recommendations for mosquito insecticides. Nebr. State Hlth. Dept. Environ. Hlth. Circ. No. 23. 2pp.
20. Smith, J. P. 1984. Facts about head lice. Nebr. State Hlth. Dept. Environ. Hlth. Circ. No. 25. 2pp.
21. Smith, J. P. 1984. Head lice recommendations for schools. Nebr. State Hlth. Dept. Environ. Hlth. Circ. No. 26. 2pp.
22. Smith, J. P. 1984. Head lice control at home. Nebr. State Hlth. Dept. Environ. Hlth. Circ. No. 27. 2pp.

PROPRIETARY RESEARCH REPORTS

1. Smith, J. P. and M. A. Smith. 2019. Penta5USA Phase I – In Vitro Repellent Bioassay. Penta5USA. 7 pp.

2. Smith, J. P and M. A. Smith. 2019. Semi-Field Trials of Hunter's Kloak™ Bugg Off Mist Against *Aedes albopictus*. The Gyde Group, LLC. 8 pp.
3. Smith, J. P., T. J. Taylor, C. I. Adams, and K. Fleming. 2019. Impact of Aerially Applied Naled on Monarch Butterflies. FL. Dept. of Ag. & Cons. Services. Final Grant Report. 12pp.
4. Smith, J.P. 2018. Semi-field Trials of Mainstays® Outdoor Citronella Candle Against *Aedes aegypti*. Shanghai Daisy. 6 pp.
5. Smith, J.P., and T.J. Thrall. 2017. Efficacy Evaluation of Insecticidal Ovitrap for Control of Domestic Mosquito Vectors of Dengue, Chikungunya, and Zika Viruses. Florida Dept. of Agriculture and Consumer Services. 21 pp.
6. Smith, J.P., and T.J. Thrall. 2017. Penta5USA In Vitro Repellent Bioassay Phase I – Laboratory Trial. Penta5USA. 7 pp.
7. Smith, J.P. 2016. MOSQUITO PAQ Secure NOW Proof of Concept Study Phase I – Laboratory Trial. Mosquito Paq, LLC. 6 pp.
8. Smith, J.P. 2016. Rust-Oleum *In Vitro* Repellent Bioassay Phase I – Laboratory Trial. Rust-Oleum®. 7 pp.
9. Smith, J.P. 2015. MOSQUITO PAQ Secure Organic No-Bite Proof of Concept Study Phase I – Laboratory Trial. 8 pp.
10. Smith, J.P. 2015. MOSQUITO PAQ *In Vitro* Repellent Bioassay Phase I – Laboratory Trial. 7 pp.
11. Smith, J.P. 2014. *In Vitro* Laboratory Evaluation of Natureza Repellent. Natureza, Inc. 8 pp.
12. Smith, J.P. 2014. *In Vitro* Laboratory Evaluation of EverSafe™ Repellent. EverSafe USA. 7 pp.
13. Smith, J.P. 2014. EverSafe™ All-Natural Mosquito Control Product Field Evaluation: Phase II – Trial #1. EverSafe USA. 6 pp.
14. Smith, J.P. 2013. EverSafe™ All-Natural Mosquito Control Product Evaluation: Phase I – Trial #2. EverSafe USA. 18 pp.
15. Smith, J.P. 2013. EverSafe™ All-Natural Mosquito Control Product Evaluation: Phase I – Trial #1. EverSafe USA. 12 pp.
16. Smith, J. P. 2012. Woodstream Corporation Mosquito Magnet Executive Trap Evaluation Study Final Report. Woodstream Corp. 8 pp.
17. Smith, J. P., E. H. Cope, and J. D. Walsh. 2011. Rustoleum Wood Coating Mosquito Repellent Study Final Report. Rustoleum Corp. 5 pp.
18. Smith, J. P., J. D. Walsh, and E. H. Cope. 2010. Mosquito Repellent Test Report Aired on Panhandle Outdoors Television Program. Channel 7, Panama City, FL. 1 pp.
19. Smith, J. P., E. H. Cope, J. D. Walsh, and C. Hendrickson. 2009. Non-pesticidal Mosquito Control Pilot Study in St. Andrews State Park. FL. Dept. of Ag. & Cons. Serv. 10 pp.

20. Smith, J. P., E. H. Cope, J. D. Walsh, and J. Oswald. 2009. Spread, Larval Habitat, Seasonal Abundance, and Vector Status of *Culex coronator*: A New Invasive Species in Florida. FL. Dept. of Ag. & Cons. Serv. 6 pp.
21. Smith, J. P., E. H. Cope, and J. D. Walsh. 2009. KAZ Inc. MK100 Mosquito Trap Evaluation Study Final Report. KAZ, Inc. 7 pp.
22. Smith, J. P., E. H. Cope, and J. D. Walsh. 2007. KAZ Inc. Innovations Mosquito Trap Evaluation Study Final Report. KAZ, Inc. 9 pp.
23. Smith, J. P., E. H. Cope, and J. D. Walsh. 2007. 2006 American Biophysics Corporation Mosquito Trap Evaluation Study Final Report. American Biophysics Corporation. 13 pp.
24. Smith, J. P., J. D. Walsh, and E. H. Cope. 2007. TyraTech Repellent Evaluation Studies – Amendment VII Final Report. TyraTech, L.L.C. 6 pp.
25. Smith, J. P., E. H. Cope, and J. D. Walsh. 2007. TyraTech Repellent Evaluation Studies – Amendment VI Final Report. TyraTech, L.L.C. 6 pp.
26. Smith, J. P., E. H. Cope, and J. D. Walsh. 2007. TyraTech Repellent Evaluation Studies – Amendment IV & V Final Report. TyraTech, L.L.C. 14 pp.
27. Smith, J. P., J. D. Walsh, and E. H. Cope. 2006. TyraTech Repellent Evaluation Studies X & XI. Final Report. TyraTech L.L.C. 8 pp.
28. Smith, J. P., J. D. Walsh, and E. H. Cope. 2006. TyraTech Repellent Evaluation Studies VIII-IX. Final Report. TyraTech L.L.C. 8 pp.
29. Smith, J. P., J. D. Walsh, and E. H. Cope. 2005. Final Report: 2005 Sunaim, Inc. Mosquito Trap Evaluation Study. Sunaim, Inc. 7 pp.
30. Smith, J. P., J. D. Walsh, and E. H. Cope. 2005. Final Report: XLTG Repellent Evaluation Studies-VIII-IX. XL Tech Group, LLC. 8 pp.
31. Smith, J. P., J. D. Walsh, and E. H. Cope. 2005. Final Report: XLTG Repellent Evaluation Studies-V-VII. XL Tech Group, LLC. 10 pp.
32. Smith, J. P., J. D. Walsh, and E. H. Cope. 2005. Final Report: XLTG Repellent Evaluation Studies-II, III & IV. XL Tech Group, LLC. 13 pp.
33. Smith, J. P., J. D. Walsh, and E. H. Cope. 2004. Final Report. XLTG Repellent Evaluation Study-I. XL Tech Group, LLC. 4 pp.
34. Smith, J. P., J. D. Walsh, and E. H. Cope. 2004. Final Report: HOMS Bio Block Repellent Evaluation Studies. HOMS LLC. 8 pp.
35. Smith, J. P., J. D. Walsh, and E. H. Cope. 2004. Final Report: Scotts Repellent Evaluation Study. The Scotts Company. 4 pp.
36. Smith, J. P., J. D. Walsh, and E. H. Cope. 2004. 2003 American Biophysics Corporation Trap Evaluation Project Final Report. American Biophysics Corp. 9 pp.
37. Barber, J., J. P. Smith, M. Greer, J. Petersen, J. Cilek, and H. Zhong. 2004. FDACS 2003 Palm Beach Aerial Spray Validation Study Report. FL. Dept. of Ag. & Cons. Serv. 12 pp.

38. Smith, J. P., and J. D. Walsh. 2004. 2003 Lentek International Inc., Mosquito Trap Evaluation Project Final Report. Lentek International Inc. 9pp.
39. Smith, J. P., J. D. Walsh, and E. H. Cope. 2003. Final Report: Sandalwood Mosquito Stick Repellent Test. Compliance Services International. 6 pp.
40. Smith, J. P., J. D. Walsh, and E. H. Cope. 2003. Final Report: Lewey's Eco-Blends, Inc. Repellent Study. 6 pp.
41. Smith, J. P., J. D. Walsh, and E. H. Cope. 2003. Final Report: Dr. Homola's Repellent Evaluation Study - II. 6 pp.
42. Smith, J. P., J. D. Walsh, and E. H. Cope. 2002. Final Report: CitroGuard Repellent Test. CitroLux Corporation. 5 pp.
43. Smith, J. P., J. D. Walsh, and E. H. Cope. 2002. Final Report: ABC Trap Evaluation Project. American Biophysics Corporation. 9 pp.
44. Smith, J. P. J. D. Walsh, and E. H. Cope. 2002. Final Report: 2002 Coleman Trap Evaluation Project. Coleman Corporation. 9 pp.
45. Smith, J. P., J. D. Walsh, and E. H. Cope. 2001. ABC Trap Evaluation Project Final Report. American Biophysics Corporation. 5 pp.
46. Smith, J. P., T. G. Floore, J. E. Cilek, J. Petersen, K. Shaffer, H. Zhong, Z. Yan, B. Walsh and C. Henley. 2001. Evaluation of the BugOff! Biting Insect Repellent Wrist Band. Final Report to KAZ, Inc. 11 pp.
47. Smith, J. P., T. G. Floore & J. Petersen. 2000. Mosquito Repellent Study - Final Report. Good HouseKeeping. 3 pp.
48. Smith, J. P. & K. R. Shaffer. 1999. Evaluation of ABC Pickle Jar, Yates and Galaxie Zapper Mosquito Traps - Final Report. American Biophysics Corporation, Inc. 12 pp.
49. Smith, J. P., T. G. Floore, K. R. Shaffer, and B. Grimes. 1998. Aerosol Application of *Bacillus thuringiensis israelensis* (*B.t.i.*) for Residential Mosquito Control. FL. Dept. Ag. & Cons. Serv. Final Report. 4pp.
50. Smith, J. P. 1990. Final Report - Year II. - Survival of *Aedes albopictus* Eggs in Waste Tire Shreds. Integrated Waste System, Inc., Buffalo, NY. 3 pp.
51. Smith, J. P. 1988. Final Report - Year I - Survival of *Aedes albopictus* eggs in Waste Tire Shreds. Oxford Tire of New York. 25 pp.

ANNUAL REPORTS / STRATEGIC PLANS / MISC. ADMINISTRATIVE PUBLICATIONS

1. Smith, J. P. (editor and co-author), J. E. Cilek, H. Zhong, J. Petersen, J. Bonds. 2010. PHEREC RESUME: Honors, Grants, Patents, Teaching, and Publications – 2001-2010. FAMU-CESTA Report. 24 pp.
2. Smith, J. P. (editor and co-author), J. E. Cilek, H. Zhong, J. Petersen, J. Bonds. 2010. PHEREC IMPACT & VALUE: 2001-2010. FAMU-CESTA Report. 7 pp.

3. Smith, J. P. (editor and co-author), J. E. Cilek, H. Zhong, J. Petersen, J. Bonds. PHEREC 2007/2008 Annual Report. 94 pp.
4. Smith, J. P. (editor and co-author), J. E. Cilek, H. Zhong, J. Petersen, J. Bonds. 2003 & revised 2006. PHEREC Brochure. 8 pp.
5. Smith, J. P. (editor and co-author), Cilek, J. E., Zhong H. Petersen, J. Barber, J.A.S., Park, H-W, and Floore, T. F. 2008. FY 2007/08 Annual Report of the FAMU/CESTA, John A. Mulrennan Sr., Public Health Entomology Research & Education Center. 94 pp.
6. Smith, J. P. (editor and co-author), Cilek, J. E., Zhong H., Petersen, J., Barber, J.A.S., Park, H-W, and Floore, T. F. 2007. FY 2006/2007 Annual Report of the FAMU/CESTA, John A. Mulrennan Sr., Public Health Entomology Research & Education Center. 51 pp.
7. Smith, J. P. (editor and co-author), J. E. Cilek, H. Zhong, J. Petersen, J. Bonds. 2001 (editor and co-author). 2000 PHEREC Annual Report & 2001 Plan of Work (composed Administration, Mosquito Biological & Alternative Control & Special Project Section reports). FAMU Misc. Pub. 71 pp.
8. Smith, J. P. et al. 2000 (editor and co-author). PHEREC 5-Year Program Plan. 28 pp.
9. Smith, J. P. et al. 2000 (editor and co-author). 1999 PHEREC Annual Report. 75 pp.
10. Smith, J. P. 2000 (editor and co-author). Center (PHEREC) Plan of Work & Achievement. Misc. CESTA publication. 6 pp.
11. Smith, J. P. 2000 (editor and co-author). Annual Faculty Plan of Work & Achievement. Misc. CESTA publication. 6 pp.
12. Smith, J. P. 1999 (editor and co-author). 1997-1999 Activity Report for the John A. Mulrennan, Sr., Public Health Entomology Research & Education Center. FAMU Misc. Pub. 27 pp.
13. Smith, J. P. 1996 (editor and co-author). JAMSARL 1996-2001 Strategic Plan. FAMU/CESTA Misc. Publ. 2 pp.
14. Smith, J. P. 1996 (editor and co-author). 1995/1996 Annual Activity Report of the John A. Mulrennan, Sr. Arthropod Research Laboratory, Florida A & M University. Misc. Publ. 8 pp.
15. Smith, J. P. 1995 (editor and co-author). 1994 Annual Report - John A. Mulrennan, Sr. Arthropod Research Laboratory, Florida A & M University. Misc. Publ. 38 pp.
16. Smith, J. P. 1994 (editor and co-author). 1993 Annual Report - John A. Mulrennan, Sr. Arthropod Research Laboratory, Florida A & M University. Misc. Publ. 38 pp.
17. Smith, J. P. 1993 (editor and co-author). 1992 Annual Report - John A. Mulrennan, Sr. Arthropod Research Laboratory, Florida A & M University. Misc. Publ. 29 pp.

NEWSLETTERS

1. Smith, J. P. 1992-1998. Editor/chief author; 6.5 years- *JAMSARL News Briefs*, monthly newsletter of the Panama City, Public Health Entomology Research & Education Center.
2. Smith, J. P. 1984-85. Editor and chief author; 2 years - *Nebraska Skeeter*, quarterly newsletter of the Nebraska Mosquito and Vector Control Association.

MISCELLANEOUS PUBLICATIONS

1. Taylor, T. J., J. P. Smith, C. I. Adams. 2009-2011. Weekly Panhandle Mosquito, Arbovirus, Precipitation, and River Reports; <http://mosquitoresearchlab.com>. 6-8 pp.
2. Smith, J.P. 2002-2016. Weekly Panhandle Mosquito, Arbovirus, Precipitation, and River Reports; <http://pherec.org>. 6-8 pp.
3. Smith, J. P., E. H. Cope, J. D. Walsh, J. A. Kozak III, and R. A. Tennant, Jr. (Abstract). 2007. Mosquito-borne disease surveillance, repellent, and trapping systems research. Proc. FAMU/CESTA 2007 Research Forum. pp 42-43.
4. Smith, J. P. 2007. Is Chikungunya the next big thing? PHEREC News: 8:(1) 2.
5. Smith, J. P. 2000-2011. Submitted articles and served as reviewer for *BuzzWords*, FMCA newsletter and *PHEREC News*, PHEREC newsletter.
6. Smith, J. P. 1999. History of the John A. Mulrennan, Sr., Public Health Entomology Research & Education Center. PHEREC web site at: <http://pherec.org>. 7 pp.
7. Smith, J. P. 1993-1995. Designed and developed PHEREC *EntGuide* extension publications, original PHEREC website, PHEREC logo, and S.E. Public Health Pest & Vector Management Conference program brochure.

INVITED PRESENTATIONS

1. Smith, J. P. 2015. Career Day – Entomology – 4th/5th Grades. Waller Elementary School. Fountain, FL. May 21.
2. Smith, J. P. 2015. STEM TASTIC Day – Mosquitoes. Rosenwald High School. Panama City, FL. Jan. 30.
3. Smith, J. P. 2014. Butterflies and Moths. 3rd Grade Class. Rising Leader Academy. Panama City, FL. May 6.
4. Smith, J. P. 2013. Earthworms and Insects. 2nd & 3rd Grade Classes. Rising Leader Academy. Panama City, FL. March 21.
5. Smith, J. P. 2011. PHEREC Research Data Gaps. Florida Coordinating Council on Mosquito Control. Alachua, FL. February.
6. Smith, J. P. 2010. PHEREC Research Data Gaps. Florida Coordinating Council on Mosquito Control. Alachua, FL. February.
7. Smith, J. P. 2009. PHEREC Research Data Gaps. Florida Coordinating Council on Mosquito Control. Alachua, FL. February.
8. Smith, J. P. 2009. Mosquitoes, Biting Gnats, Yellow Flies, and Dog Flies. Bay Co. Public Library. Panama City, FL. April 24.

9. Smith, J.P. 2008. Repellent Research and Technology. 36th Annual Meeting South Carolina Mosquito Control Association. Myrtle Beach, SC; November 5-7.
10. Smith, J. P. 2008. Florida Mosquito Research Group Symposium: Research and Outreach Programs at FAMU-PHEREC. 80th Annual Meeting Florida Mosquito Control Association. Panama City, FL; November 16-19.
11. Smith, J. P. 2008. PHEREC Research Data Gaps. Florida Coordinating Council on Mosquito Control. February.
12. Smith, J. P. 2008. Mosquito Control Research at FL A&M Univ., Public Health Entomology Research & Education Center in Panama City, FL. 74th Annual Meeting American Mosquito Control Association, Sparks, NV.
13. Smith, J. P. PHEREC Research Data Gaps. 2007. Florida Coordinating Council on Mosquito Control. Alachua, FL. February.
14. Smith, J. P. 2007. A Scientist's Perspective on Being a Commissioner. Commissioners Session. FL Mosquito Control Dodd Plenary Short Courses. Ocala, FL.
15. Smith, J. P. 2006. PHEREC Research Data Gaps. Florida Coordinating Council on Mosquito Control. Alachua, FL. February.
16. Smith, J. P. 2005. PHEREC Research Data Gaps. Florida Coordinating Council on Mosquito Control. Alachua, FL. February.
17. Smith, J. P. 2004. PHEREC Research Data Gaps. Florida Coordinating Council on Mosquito Control. Gainesville, FL.
18. Smith, J. P. 2004. Report on S. Walton Co. Vector Identification Study. South Walton County Mosquito Control District Commission Mtg. Santa Rosa Beach, FL.
19. Smith, J. P. 2004. What Kind of Help & Resource Can FAMU/PHEREC Provide? Northeastern FL Collaborative Meeting for Prevention & Control of West Nile Virus. Anastasia Mosquito Control District, St. Augustine, FL 32085.
20. Smith, J. P., and E. Enan. 2005. Natural Product Chemistry and Testing for Mosquito Repellents. Entomol. Soc. of America Ann. Conf. Ft. Lauderdale, FL.
21. Smith, J. P. 2003. (Organizer & Speaker). Panhandle Arbovirus Workshop. FL Dept. of Health. Santa Rosa Beach, FL.
22. Smith, J. P. 2002. Mosquito Repellents: What Really Works? Alabama Vector Mngmt. Society. Mountain Brook, AL.
23. Smith, J. P. 2001. Symposium: Florida's Response to West Nile Virus in 2001: The Role of the John A. Mulrennan Sr., Public Health Entomology Research and Education Center. FL. Mosquito Control Association Fall Mtg. Ft. Myers, FL.
24. Smith, J. P. 2001. Florida Agricultural & Mechanical University, Public Health Entomology Research & Education Center. Sarasota Mosquito Control District. Sarasota, FL.
25. Smith, J. P. 1999. Faculty Performance Evaluation Proposal. CESTA Spring Faculty Mtg. CESTA, Tallahassee, FL.

26. Smith, J. P. 1998. CESTA Fall Convocation. Faculty Performance Evaluation Proposal Committee Report. CESTA, Tallahassee, FL.
27. Smith, J. P. 1995. Entomology for Elementary School Children. Patronis Elementary 125 2nd and 3rd graders. Panama City Beach, FL.
28. Smith, J. P. 1995. Commissioner's Session: Recent Developments at the JAMSARL. FL. Mosq. Contr. Assoc. Ann. Mtg. Key West, FL.
29. Smith, J. P. 1995. Activities of JAMSARL. Mosq. Control Commissioners Workshop. Vero Beach, FL.
30. Smith, J. P. and J. Cilek. 1994. Public Health Entomology. 18th Ann. Pest Control Field Day and Workshop, Florida A & M University. Tallahassee, FL.
31. Smith, J. P. 1994. What is JAMSARL and What Can We Do For You? Cooperative Extension Serv. Master Gardeners. Panama City, FL.
32. Smith, J. P. 1994. Entomology. 1st and 3rd grade classes. Hutchinson Beach Elementary School. Panama City Beach, FL.
33. Smith, J. P. 1993. Spiders. Tyndall AFB Elementary Quest Classes. Tyndall AFB, FL.
34. Smith, J. P. 1993. Highlights of Past Year JAMSARL Activities and Future Year Objectives. FL. A & M Univ. Faculty and Staff Pre-Planning Mtg. Tallahassee, FL.
35. Smith, J. P. 1993. General Entomology for Kindergartners and 2nd-graders. Hutchinson Beach Elementary School. Panama City Beach, FL.
36. Smith, J. P. 1993. An Overview of the John A. Mulrennan, Sr. Arthropod Research Laboratory Programs. Workshop for Elected Mosquito Control Commissioners. Hillsborough Mosq. Control Dist. Tampa, FL.
37. Smith, J. P. 1992. General Entomology. Covenant Christian Elementary School. Panama City, FL.
38. Smith, J. P. 1992. Recent Developments at the John A. Mulrennan, Sr. Arthropod Research Laboratory. Commissioners' Session - FL. Mosq. Control Assoc. Ann. Mtg. Cocoa Beach, FL.
39. Smith, J. P. 1992. Review of the Encephalitis Outbreaks in Florida. Alabama Vector Mngmt. Society. Mobile, AL.
40. Smith, J. P. 1992. Epidemiology of Arthropod-Borne Diseases - Lyme Disease. Florida Mosquito Control Association Short Courses. Daytona Beach, FL.
41. Smith, J. P. 1991. Future Direction of the John A. Mulrennan, Sr. Arthropod Research Laboratory. FL. Mosq. Control Assoc. Fall Conf. Gainesville, FL.
42. Smith, J. P. 1991. A Proposal to Move the John A. Mulrennan, Sr. Arthropod Research Laboratory to Florida A&M University. FL. Mosq. Control Assoc. Fall Conf. Gainesville, FL.

43. Smith, J. P. 1991. Current Status of the John A. Mulrennan, Sr. Arthropod Research Laboratory. FL. Mosq. Control Assoc. Northwest Regional Director's Mtg. Santa Rosa Beach, FL.
44. Smith, J. P. 1991. *Keynote Address* - Encephalitis in Florida. Nebraska Mosquito and Vector Control Assoc. Ann. Mtg. Lincoln, NE.
45. Smith, J. P. 1991. Entomology. Environmental Health Basic Training Courses. HRS Environmental Health Division. Gainesville, FL.
46. Smith, J. P. 1991. Lyme Disease. Society of Vector Ecologists *Symposium* - The Threat of Arthropod-borne Disease in the Southeast United States. FL. Mosq. Control Assoc. Ann. Mtg. Clearwater, FL.
47. Smith, J. P. 1990. Lyme Disease. HRS Laboratory Services Lunch Bag Seminar. Jacksonville, FL.
48. Smith, J. P. 1990. Lyme Disease. Jacksonville Area Microbiology Society Mtg. Jacksonville, FL.
49. Smith, J. P. 1989. *Aedes albopictus* and *Aedes aegypti*. Florida Anti-Mosq. Assoc. Short Courses. Tampa, Florida.
50. Smith, J. P. 1989. Basic Computer Skills. Florida Anti-Mosq. Assoc. Short Courses. Tampa, Florida.
51. Smith, J. P. 1988. HRS Research Review. Florida Anti-Mosq. Assoc. Fall Conference. Ocala, Florida.
52. Smith, J. P. 1988. Principles of Entomology in Florida. Univ. South Florida Environ. Hlth. Spec. Training Prog., Vero Beach and Tallahassee, Florida.
53. Smith, J. P. 1988. Factors Controlling Stable Fly Abundance or Why Livestock Are Not Up To Their Eyeballs in Stable Flies. Entomology Dept. Seminar, New Mexico State University, Las Cruces, New Mexico.
54. Smith, J. P. 1988. *Symposium* - *Aedes albopictus* in Florida. Am. Mosq. Control Assoc. Ann. Mtg. Denver, Colorado.
55. Smith, J. P. 1988. Insects and Other Arthropods of Medical Importance in Florida. Florida A&M Univ. Household Pests Field Day and Workshop. Tallahassee, Florida.
56. Smith, J. P. 1988. HRS Surveillance Requirements, Surveillance Evaluations and Record Keeping. Florida Anti-Mosq. Assoc. Short Courses, Tampa, Florida.
57. Smith, J. P. 1988. *Aedes albopictus* and *Aedes aegypti*. Florida Anti-Mosq. Assoc. Short Courses, Tampa, Florida.
58. Smith, J. P. 1987. Parasites of the Stable Fly and Associated Diptera. *Symposium* - Entomol. Soc. Am. Ann. Mtg, Boston, Massachusetts.
59. Smith, J. P. 1987. Overview of Entomology and New Directions in Pest Control. Univ. South Florida Environ. Hlth. Spec. Training Prog., Daytona Beach, Florida.

60. Smith, J. P. 1987. Life Tables for the Stable Fly in Missouri. *Symposium* - FL. Ent. Soc. Ann. Mtg. Daytona Beach, Florida.
61. Smith, J. P. 1987. HRS Perspective on the New State Surveillance Rule. *Symposium* - Florida Anti-Mosq. Assoc. Ann. Mtg. Palm Beach, Florida.
62. Smith, J. P. 1986. Head Lice and Their Control. Lee Co. Hlth. Dept. Fort Myers, Florida.
63. Smith, J. P. 1985. Public Health Entomology. Midland College; Blair, Nebraska.
64. Smith, J. P. 1984. Fly Control in Restaurants. Neb. Env. Hlth. Assoc. Lincoln, Nebraska.
65. Smith, J. P. 1984. Pediculosis. Papillion Pub. Sch. Nursing Staff. Papillion, Nebraska.
66. Smith, J. P. 1984. Pediculosis. Lincoln Pub. Sch. Nursing Staff. Lincoln, Nebraska.
67. Smith, J. P. 1984. Biology and Control of Head Lice. Neb. Env. Hlth. Assoc. Lincoln, Nebraska.
68. Smith, J. P. 1984. Insects of Public Health Concern. Beatrice Good Samaritan Home. Beatrice, Nebraska.
69. Smith, J. P. 1984. Scabies Control. Douglas Co. Hosp. Omaha, Nebraska.
70. Smith, J. P. 1984. Biology and Control of Domestic Animal Pests. Lincoln/Lancaster Co. Hlth. Dept. Anim. Contr. Div. Lincoln, Nebraska.
71. Smith, J. P. 1984. Communicable Human Ectoparasites. Joint Mtg. Omaha Dept. Hlth. and Neb. St. Hlth. Dept. Dis. Contr. Divs. Lincoln, Nebraska.
72. Smith, J. P. 1984. Medical Entomology. Creighton Univ. Med. Sch. Omaha, Nebraska.
73. Smith, J. P. 1984. Medically Important Arthropods. Nat. Exec. Housekeepers Assoc. Inc. Omaha, Nebraska.
74. Smith, J. P. 1984. Fly Control in Food Handling Facilities. Hall Co. Dept. Publ. Hlth. Grand Island, Nebraska.

SUBMITTED PRESENTATIONS

1. Smith, J.P., T.J. Taylor, and C.I. Adams. 2019. Protocol for Field and Laboratory Evaluating Acute Toxicity of Aerial Naled on *Danaus plexippus* (Monarch butterflies) and *Aedes taeniorhynchus* (Black Salt Marsh Mosquitoes). 85th Annual Meeting American Mosquito Control Association, Orlando, FL. Feb. 25 – March 1.
2. Riles, M.T., J. P. Smith, N. Burkett-Cadena, R. Connelly, G.W. Morse Jr., and B. D. Byrd. 2019. First Record of *Aedes japonicus* in Florida. 85th Annual Meeting American Mosquito Control Association, Orlando, FL. Feb. 25 – March 1.
3. Smith, J.P., T.J. Taylor, and C. I. Adams. 2018. Attraction and Effectiveness of Four Commercial Ovitrap for *Aedes aegypti* and *Aedes albopictus*. Joint Annual Mtg. Entomological Society of America, Entomological Society of Canada, and Entomological Society of British Columbia. Vancouver, B.C., Canada. Nov. 11-14.

4. Smith, J.P. and T.J. Thrall. 2018. *Aedes aegypti* Response to Four Popular Ovitrap in Outdoor Screen Enclosures. 84th Annual Meeting American Mosquito Control Association, Kansas City, MO. March 5-8.
5. Smith, J.P. and T.J. Thrall. 2017. Phase I Laboratory Evaluation of New Minimum Risk Mosquito Repellent Products. 64th Annual Meeting Entomological Society of America, Denver, CO. Nov. 5-8.
6. Smith, J.P. 2016. Mosquito Repellent Research at Florida State University. In Global Research and Development of Insect Repellents Symposium. 25th International Congress of Entomology, Orlando, FL. Sept. 25-30.
7. Smith, J.P. 2016. Symposium Moderator/Presenter. Exploiting the K&D *In Vitro* Bioassay System for Evaluating New Mosquito Control Products. 82nd Annual Meeting American Mosquito Control Association, Savannah, GA. Feb. 7-11.
8. Smith, J.P. 2015. Comparative Repellency of Commercial Products Against *Aedes aegypti* Utilizing the K&D *In Vitro* Bioassay System. 63rd Annual Meeting Entomological Society of America, Minneapolis, MN. Nov. 15-18.
9. Smith, J.P. 2014. Outdoor Evaluation of EverSafe, a Feeding Deterrent for Small Area Mosquito Control. 62nd Annual Meeting Entomological Society of America, Portland, OR. Nov. 16-19.
10. Smith, J.P. 2014. *In Vitro* Bioassay of a New Florida “Green” Product Registered for Adult Mosquito Control. 80th Annual Meeting American Mosquito Control Association, Seattle, WA. Feb. 2-6.
11. Smith, J.P. 2013. Utilization of the *In Vitro* K&D Bioassay System with a Blood Substitute for Screening Feeding Deterrents against *Aedes aegypti*. 61st Annual Meeting Entomological Society of America, Austin, TX. Nov. 10-13.
12. Smith, J.P. 2013. Florida State University is now in the Mosquito Control Research, Training, and Technical Service Business. 79th Annual Meeting American Mosquito Control Association, Atlantic City, NJ. Feb. 24-28.
13. Smith, J. P. 2012. Mosquito Control Services at Florida State University. 84th Annual Meeting Florida Mosquito Control Association, Miramar Beach, FL. Nov. 11-14.
14. Smith, J. P. 2012. Basic Components of a Mosquito Control Program. Workshop I: Integrated Mosquito Control, FSU Mosquito Control Workshop; Panama City, FL. Mar. 20-22.
15. Smith, J. P. 2012. Commissioner’s Workshop, FSU Mosquito Control Workshop; Panama City, FL. Mar. 20-22.
16. Smith, J. P. 2012. So What Happened to PHEREC and Its Services? 78th Annual Meeting American Mosquito Control Association, Austin, TX. Feb. 26-Mar. 1.
17. Smith, J. P., E. Cope, and J. Walsh. 2011. Field Evaluation of the Next Generation of BG Sentinel[®] Trap: The Mosquitito[®]. 83rd Annual Meeting Florida Mosquito Control Association, Jacksonville, FL. November 13-16.

18. Smith, J. P., J. Walsh, E. Cope. 2011. K&D *In Vitro* Assays of Commercially Available Repellents Against *Aedes aegypti*. 77th Annual Meeting American Mosquito Control Association. Anaheim, CA. March 20-24.
19. Smith, J. P., J. Walsh, E. Cope. 2011. Workshop A: Mosquito and Arbovirus Surveillance 101. Southeast Regional Public Health Pest & Vector Management Conference. Panama City Beach, FL. February 22-24.
20. Smith, J. P., E. Cope, J. Walsh, R. Tennant, J. Kozak. 2010. Patterns of Mosquito Abundance in Northwest Florida from 2002-2010. 58th Annual Meeting Entomological Society of America. San Diego, CA. December 12-15.
21. Smith, J. P. 2010. Legislative Plans for Supporting the John A. Mulrennan Sr., Public Health Entomology Research & Education Center. 82nd Annual Meeting Florida Mosquito Control Association. Duck Key, FL November 14-17.
22. Smith, J. P. 2010. Status and Plans for PHEREC. NPDES & PHEREC Meeting. Gainesville, FL, June.
23. Smith, J. P., E. Cope, J. Walsh. 2010. Comparative Species and Numbers Captured by B&G Sentinel, NZI, Mosquito Magnet X, and Stinger MK-100 Mosquito Trap Configurations. 76th Annual Meeting American Mosquito Control Association. Lexington, KE. March 28-April 1.
24. Smith, J. P. 2010. Workshop A: Electronic Mosquito Arbovirus Information Systems. Southeast Regional Public Health Pest & Vector Management Conference. Panama City Beach, FL. February 23-25.
25. Smith, J. P. 2009. Comparative *In Vivo* and *In Vitro* Evaluation of Commercial Repellents with the K&D Module. 57th Annual Meeting Entomological Society of America. Indianapolis, IN. December 13-16.
26. Smith, J. P., R. Tennant, J. Kozak, E. Cope, J. Walsh. 2009. Wild Bird and Mosquito Surveillance for Eastern Equine Encephalitis. 81st Meeting Florida Mosquito Control Association Meeting. Tampa, FL. November 8-11.
27. Smith, J. P., R. Tennant, J. Kozak, J. Walsh, E. Cope. 2009. EEE & WNV Surveillance in NW Florida. West Nile Virus: Ten Years Later. American Mosquito Control Association and Centers for Disease Control and Prevention. Savannah, GA. February 19-20.
28. Smith, J. P., E. Cope, J. Walsh. 2009. Effectiveness of Mass Trapping for Mosquito Control at St. Andrews State Park, Panama City Beach, Florida. 75th Annual Meeting American Mosquito Control Association. New Orleans, April 5-9.
29. Smith, J. P., J. Walsh, E. Cope. 2009. Advanced Mosquito and Arbovirus Surveillance. Southeast Regional Public Health Pest & Vector Management Conference. Panama City Beach, FL. February 24-26.
30. Smith, J. P. 2008. Disease Ecology and Surveillance. 80th Annual Meeting Florida Mosquito Control Association. Panama City, FL; November 16-19.
31. Smith, J. P., J. D. Walsh, and E. H. Cope. 2008. Comparative Evaluation of Several Mosquito Trap Configurations. 74th Annual Meeting American Mosquito Control Association. Reno, NV; March 2-6.

32. Smith, J. P., E. H. Cope, J. D. Walsh. 2007. Insect Repellent Trials Employing a Modified K&K Module Technique. 55th Annual Meeting Entomological Society of America. San Diego, CA; December 9-12.
33. Smith, J. P. 2007. Efficacy and Duration of Picaridin and Oil of Lemon Eucalyptus Compared to DEET Against the Southern House Mosquito, *Culex quinquefasciatus*. 73rd Annual Meeting American Mosquito Control Association. Orlando, FL; April 1-5.
34. Smith, J. P. 2007. Comparison of Wild Bird and Sentinel Chicken Serology in Monitoring EEE Activity in Walton County, FL. 73rd Annual Meeting American Mosquito Control Association. Orlando, FL; April 1-5.
35. Smith, J. P. 2007. Trapping and Bleeding Live Wild Birds for Arbovirus Surveillance. 4th Arbovirus Surveillance & Mosquito Control Workshop. Anastasia Mosquito Control District. St. Augustine, FL; March 27-29.
36. Smith, J. P., J. D. Walsh, and E. H. Cope. 2006. Laboratory Efficacy and Duration of Two New, CDC-recommended Repellents Compared to DEET Against the Southern House Mosquito, *Culex quinquefasciatus*. 54th Annual Meeting Entomological Society of America. Indianapolis, IN; December 10-13.
37. Smith, J. P. 2006. Wild Bird Serology & Mosquito Populations as Related to EEE in the Florida Panhandle. Florida Interagency Arbovirus Task Force Annual Meeting. Tampa, FL. January 31.
38. Smith, J. P. 2005. Comparison of Species and Numbers Caught in Several Commercial and Conventional Mosquito Traps. American Mosquito Control Association Conference. Detroit, MI. February 26 – March 2.
39. Smith, J. P., J. Walsh, and E. Cope. 2005. Natural Product Chemistry and Testing for Mosquito Repellents. Entomol. Soc. Of America Ann. Conf. Ft. Lauderdale, FL
40. Smith, J. P., J. Walsh, and E. Cope. 2005. Laboratory Comparison of Several Repellents against *Culex quinquefasciatus*. Amer. Mosq. Control Assoc. Ann. Mtg. Vancouver, British Columbia, Canada.
41. Smith, J. P., J. Walsh, and E. Cope. 2004. Modification of the K&D Module Technique for Efficacy and Duration Evaluation of Commercial Repellents. Entomol. Soc. of America Ann. Conf. Salt Lake City, UT.
42. Smith, J. P., and J. L. Petersen. 2004. PHEREC Research & Extension Programs: Disease Ecology & Control Section. Florida Mosquito Control Association Meeting. Kissimmee, FL.
43. Smith, J. P. 2004. (Organizer & Speaker). Workshop: Arbovirus Surveillance in the Florida Panhandle. S. E. Reg. Public Health Pest & Vector Mngmt. Conf. Panama City Beach, FL.
44. Smith, J. P. 2003. Arbovirus, Repellent and Trapping Systems Research. FL. Mosq. Control Assoc. Spring Mtg. Ft. Pierce/Vero Beach, FL.
45. Smith, J.P. 2003. Mosquito Repellents: What Really Works? (II). AL Vector Mngmt Soc. 14th Ann. Mtg.; March 19-20, Mobile, AL.

46. Smith, J. P. and J. Walsh. 2003. Evaluation of Seven Commercial Mosquito Control Traps. Entomol. Soc. of America Ann. Conf. Cincinnati, OH.
47. Smith, J. P. & J. Barber. 2003. Palm Beach County Aerial Spray Validation Study. FL. Mosq. Control Assoc. Fall Mtg. Miami, FL.
48. Smith, J.P., C. Mulla, & J. Walsh. 2003. DEET-alternative Repellent Studies. Amer. Mosquito Control Assoc. 69th Ann. Mtg.; March 1-6, Minneapolis, MN.
49. Smith, J.P., J. Walsh, R. Huss. 2003. Comparison of Mosquito Species and Numbers Caught in 8 Commercial Mosquito Traps. Amer. Mosquito Control Assoc. 69th Ann. Mtg.; March 1-6, Minneapolis, MN
50. Smith, J. P. 2003. Simple, Low-Cost Arbovirus Data Handling System. AL. Vector Mngmt. Society. Mobile, AL.
51. Smith, J. P. 2003. (Organizer & Speaker). Panhandle Arbovirus Workshop. FL Dept. of Health. Santa Rosa Beach, FL.
52. Smith, J. P. 2003. Workshop: The West Nile Virus Experience in Florida, 2002. S. E. Reg. Public Health Pest & Vector Mngmt. Conf. Panama City Beach, FL.
53. Smith, J. P. 2003. Arbovirus Research Programs at PHEREC. FL Interagency Arbovirus Task Force Mtg. Tallahassee, FL.
54. Smith, J. P. 2003. (Organizer & Speaker). PHEREC Symposium: Research, Extension & Education Programs. FL. Mosq. Control Assoc. Fall Mtg. Miami, FL.
55. Smith, J. P. 2002. DEET Alternative Mosquito Repellent Evaluations. FL A&M Univ. College of Engineering Sciences, Technology & Agriculture Research Forum. Tallahassee, FL.
56. Smith, J. P., J. Petersen, and T. Floore 2002. Evaluation of DEET-Alternative Repellents Against *Culex quinquefasciatus* and *Culex nigripalpus*. American Mosq. Control Assoc. Ann. Mtg. Denver, CO.
57. Smith, J. P. 2002. Field Evaluation of the Flowtron Mosquito Powertrap, American Biophysics Corporation Mosquito Magnet Residential, Pro and X Traps. S. E. Branch Entomol. Soc. of America Mtg. Little Rock, AR.
58. Smith, J. P. 2002. Arbovirus Ecology and Control in the Northwest Panhandle of Florida. FL. Mosq. Control Assoc. Spring Mtg. Cocoa Beach, FL.
59. Smith, J. P. 2002. (Organizer & Speaker). PHEREC 2002 Research, Extension & Education Programs. Disease Ecology & Control Research. Florida Mosquito Control Association Fall Meeting. Amelia Island, FL.
60. Smith, J. P. 2002. Comparative Mosquito-Capturing Prowess of Several Commercial Traps. Entomol. Soc. of America Ann. Conf. Ft. Lauderdale, FL.
61. Smith, J. P., T. Floore, J. Petersen and K. Shaffer. 2001. DEET-Alternative Mosquito Repellent Evaluations. Entomol. Soc. of America Ann. Conf. San Diego, CA.

62. Smith, J. P. 2001. (Organizer & speaker) Symposium: PHEREC 2001 Research, Extension and Education Programs: Administrative Update and Disease Ecology & Control Research Highlights. FL Mosquito Control Association Fall Mtg. Ft. Myers, FL.
63. Smith, J. P. 2001. Repellent Research at PHEREC. FL Mosquito Control Association Spring Conference. Winter Haven, FL.
64. Smith, J. P. 2001. Outdoor Evaluation of Several Commercial Mosquito Repellents – Poster Presentation. Joint Mtg. American Mosquito Control Association & Texas Mosquito Control Association. Dallas, TX.
65. Smith, J. P. 2001. Arbovirus Surveillance Techniques Workshop. S.E. Regional Public Health Pest & Vector Management Conference. Panama City Beach, FL.
66. Smith, J. P. 2001. PHEREC Administrative Program & Special Projects Section Review. PHEREC Research Advisory Committee Mtg. Orlando, FL.
67. Smith, J. P. 2000. An Update on Activities at PHEREC. 72nd Annual Mtg Florida Mosquito Control Association. Panama City Beach, FL.
68. Smith, J. P., and K. R. Shaffer. 2000. A Better Trap for Arbovirus Surveillance: 1999 & 2000 Studies. Florida Mosquito Control Association Spring Conference. Safety Harbor, FL.
69. Smith, J. P. 2000. Public Health Entomology. USDA – CESTA Program Review. Tallahassee, FL.
70. Smith, J. P., and K. R. Shaffer. 2000. Season-long Field Evaluation of American Biophysics Corporation Light Traps. Joint Mtg of the 66th Annual Mtg. American Mosquito Control Association & 87th Annual Mtg. New Jersey Mosquito Association, Inc. Atlantic City, NJ.
71. Smith, J. P. 2000. Special Awards Presentation - Three-Rivers Science Fair Awards Ceremony. Martin Theater - Panama City, FL.
72. Smith, J. P. 2000. Mosquito Trapping, Surveillance and Data Analysis Workshop. S.E. Regional Public Health Pest & Vector Management Conference. Panama City Beach, FL.
73. Smith, J. P. 2000. Administrative and Special Project Section Review. PHEREC Research Advisory Committee Meeting. Panama City, FL.
74. Smith, J. P., T. G. Floore, J. Petersen and K. R. Shaffer. 2000. Outdoor Evaluation of Several Commercial Mosquito Repellents-Poster Presentation. 2000 Joint Mtg Entomological Society of Canada & Entomological Society of America. Montreal, Quebec, Canada.
75. Smith, J. P. (Organizer, moderator & presenter). 2000. Symposium-Research, Extension & Educational Programs at PHEREC. Special Project Section. 72nd Annual Mtg Florida Mosquito Control Association. Panama City Beach, FL.
76. Smith, J. P. An Update on Activities at PHEREC. 2000. 72nd Annual Mtg Florida Mosquito Control Association. Panama City Beach, FL.
77. Smith, J. P. 1999. Evaluation of Two CO₂ Enhanced Mosquito Trapping Systems. Entomol. Soc. of America Ann. Conf., Atlanta, GA.

78. Smith, J. P. Organizer & Presenter. 1999. Symposium & Panel Discussion: History, Future Direction and Proposal for Mosquito Resistance Testing in Florida. FL Mosquito Control Association Mtg. Crystal River, FL.
79. Smith, J. P. 1999. Poster presentation—Efficacy of Ground-applied ULV *B.t.i.* on the Control of *Aedes albopictus* & *Culex quinquefasciatus* in a Residential Setting. 65th Annual Mtg. of the American Mosquito Control Association. St. Louis, MO.
80. Smith, J. P. 1999. PHEREC Program Highlights. CESTA Research Faculty Mtg. Extension Teleconference Center. Tallahassee, FL.
81. Smith, J. P., T. G. Floore, K. R. Shaffer and B. Grimes. 1998. Evaluation of Ground-based ULV Applications of *B.t.i.* FL Mosquito Control Association 70th Annual Mtg. Clearwater, FL.
82. Smith, J. P. Organizer & Presenter. 1998. Symposium: PHEREC Programs: 1998 in Review. Introduction and Administrative Activities. FL. Mosquito Control Association 70th Annual Mtg. Clearwater, FL.
83. Smith, J. P., T. G. Floore, K. R. Shaffer and B. Grimes. 1998. Poster display—Aerosol Application of *Bacillus thuringiensis israelensis* for Residential Mosquito Control. Joint Annual Mtg. Of the Entomological Society of America & American Phytopathological Society. Las Vegas, NV.
84. Floore, T. G. and J. P. Smith. 1997. Mosquito Larvicide Section. John A. Mulrennan, Sr. Arthropod Research Laboratory. Presented at the Annual Florida Mosquito Control Association Meeting. St. Augustine, FL.
85. Smith, J. P., Thomas Floore, Kenneth Shaffer, and Brooke Grimes. 1997. Evaluation of Ground Based ULV *B.t.i.* FMCA 70th Annual Meeting, Clearwater, FL.
86. Floore, T. G. and J. P. Smith. 1997. Mosquito Larvicide Section Activities. FMCA 70th Annual Meeting, Clearwater, FL.
87. Smith, J. P. and T. G. Floore. 1997. Efficacy of Ground Applied ULV *B.t.i.* Against Domestic Mosquitoes in a Residential Setting. AMCA 64th Annual Meeting, Sparks, NV
88. Smith, J. P. (Conference Co-coordinator & Speaker). 1998. Mosquito-borne Encephalitis and Mosquito & Tick Surveillance Techniques. Southeast Regional Public Health Pest and Vector Management Conference. Panama City Beach, FL.
89. Smith, J. P. 1997. Mosquito and Arbovirus Surveillance Activities During 1997. 69th Ann. Mtg. FL. Mosq. Contr. Assoc. Ann. Mtg. St. Augustine, FL.
90. Smith, J. P. (Organizer & Speaker). 1997. Research, Education and Extension Programs at the Arthropod Research Laboratory Benefiting Florida Mosquito Control Agencies during 1997. Overview, Geographic Coverage Area and New Administrative Directions & Mosquito Larvicide Programs. 69th Ann. Mtg. FL. Mosq. Contr. Assoc. Ann. Mtg. St. Augustine, FL.
91. Smith, J. P. 1997. Arbovirus Surveillance in the Tropical Storm Alberto/Hurricane Opal Impacted Region of Florida. 63rd Ann. Mtg. Amer. Mosq. Contr. Assoc. Salt Lake City, UT.

92. Smith, J. P. (Conference Co-coordinator & Speaker). 1998. Mosquito-borne Diseases: 1995/96 Tri-State Flood Disaster Surveillance Project. Southeast Regional Public Health Pest and Vector Management Conference. Panama City Beach, FL.
93. Smith, J. P. (Organizer & Speaker). 1996. Symposium- Panama City Arthropod Research Laboratory Research, Education and Extension Activities Benefiting Florida Mosquito Control Agencies During 1996: Administration. 68th Ann. Mtg. FL. Mosq. Contr. Assoc. Ann. Mtg.
94. Smith, J. P. 1996. 1994-1996 Arbovirus Surveillance in the Central Panhandle Flood-Disaster Region. 68th Ann. Mtg. FL. Mosq. Contr. Assoc. Kissimmee, FL.
95. Smith, J. P. 1995. Emergency Arbovirus Surveillance in Flood-Disaster Areas of the Florida Panhandle (Display). Entomol. Soc. of Amer. Ann. Mtg. Las Vegas, NV.
96. Smith, J. P. 1995. Central Panhandle Flood Disaster Arbovirus Surveillance Program. FL. Mosq. Contr. Assoc. Ann. Mtg. Key West, FL.
97. Smith, J. P. (Organizer & Speaker) 1995. Symposium- Progress at JAMSARL During 1995: Operational Changes and Programs. FL. Mosq. Contr. Assoc. Ann. Mtg. Key West, FL.
98. Smith, J. P. 1995. Arbovirus Surveillance in Conjunction with Tropical Storm Alberto in the Florida Panhandle. Amer. Mosq. Contr. Assoc. Ann. Mtg. Portland, OR.
99. Smith, J. P. 1995. Panhandle Regional Mosquito Control Workshop: Mosquito-borne Disease Surveillance Techniques Lab. Panama City, FL.
100. Smith, J. P. 1995. Panhandle Regional Mosquito Control Workshop: Mosquito-borne Diseases. Panama City, FL.
101. Smith, J. P. 1995. Panhandle Regional Mosquito Control Workshop: Mosquito Surveillance. Panama City, FL.
102. Smith, J. P. 1994. Symposium organizer. 1994 In Review: Contribution of JAMSARL Staff to Florida Mosquito Control. Administrative and Extension Activities. FL Mosq. Contr. Assoc. Ann. Mtg. Sandestin, FL.
103. Smith, J. P. 1994. State of the John A. Mulrennan, Sr. Arthropod Research Laboratory. Faculty and Staff Pre-Planning College Mtg. Florida A & M University. Tallahassee, FL.
104. Smith, J. P. 1994. Mosquito-borne Disease Surveillance Associated with Tropical Storm Alberto in Northwest Florida. Annual Mtg. Entomol. Soc. of Amer., Dallas, TX.
105. Smith, J. P. and J. E. Cilek. 1994. Lyme Disease Ecology and Control. John A. Mulrennan, Sr. Arthropod Research Laboratory Seminar Series. Panama City, FL.
106. Smith, J. P. 1994. New Research, Extension and Educational Initiatives at the John A. Mulrennan, Sr. Arthropod Research Laboratory. Combined Ann. Mtg. of the Amer. Mosq. Control Assoc. and the CA Mosq. Control Assoc. San Diego, CA.
107. Smith, J. P. 1994. JAMSARL Exhibit. Health and The-Sea Day. Gulf Coast Community College and National Marine Fisheries Service. Panama City, FL.

108. Smith, J. P. 1994. Lyme Disease. FL. Mosq. Control Association Dodd Short Courses. Ocala, FL.
109. Smith, J. P. 1994. Setting Up a Mosquito Control Program. FL. Mosq. Control Association Dodd Short Courses. Ocala, FL.
110. Smith, J. P. 1993. General Entomology and JAMSARL Programs. FAMU High School Environmental Science Tour. Panama City, FL.
111. Smith, J. P. 1993. JAMSARL Research and Educational Activities. FL. Mosq. Control Association Fall Conference. Ocala, FL.
112. Smith, J. P. 1993. Symposium -- John A. Mulrennan, Sr. Arthropod Research Laboratory Update. (Organizer, moderator and speaker). Paper given on highlights of JAMSARL administrative accomplishments. Combined Ann. Mtg. of the Amer. Mosq. Control Assoc. and the FL. Mosq. Control Assoc. Ft. Myers, FL.
113. Smith, J. P. 1993. Mosquito Larviciding. FL. Mosq. Control Assoc. Annual Dodd Short Courses. Gainesville, FL.
114. Smith, J. P. 1992. The John A. Mulrennan, Sr., Research Laboratory. FL. Mosq. Control Assoc. Ann. Mtg. Cocoa Beach, FL.
115. Smith, J. P. 1992. *Symposium* -- Status of the Panama City John A. Mulrennan, Sr. Arthropod Research Laboratory & Dog Fly Control Programs. (Moderator and speaker). FL. Mosq. Control Assoc. Ann. Mtg. Cocoa Beach, FL.
116. Smith, J. P. 1992. Highlights of the Contract Research Program. FL. Mosq. Control Assoc. Mtg. Cocoa Beach, FL.
117. Smith, J. P. 1992. *Symposium* -- HRS 1990/91 Contract Research Reports; (organizer, moderator, and speaker). FL. Mosq. Control Assoc. Ann. Mtg. Cocoa Beach, FL.
118. Smith, J. P. 1992. The John A. Mulrennan, Sr. Arthropod Research Laboratory. Amer. Mosq. Control Association Ann. Mtg. Corpus Christi, TX.
119. Smith, J. P. 1991. HRS Proposal to Eliminate the John A. Mulrennan, Sr. Arthropod Research Laboratory. FL. Mosq. Control Assoc. Director's Section Mtg. Orlando, FL.
120. Smith, J. P. 1991. The Florida Contract Mosquito Research Program. FL. Mosq. Control Assoc. Ann. Mtg. Clearwater, FL.
121. Smith, J. P. 1991. Reports on DHRS Mosquito Control Contracts Symposium. (Organizer, moderator and speaker). FL. Mosq. Control Assoc. Ann. Mtg. Clearwater, FL.
122. Smith, J. P. 1991. Status on SLE, *Aedes albopictus*, Lyme Disease and Contract Mosquito Control Research During 1990 in Florida. Amer. Mosq. Control Assoc. Ann. Mtg. New Orleans, LA.
123. Smith, J. P. 1990. Public Interest Topics: Asian Tiger Mosquito and Lyme Disease. FL. Anti-Mosq. Assoc. Short Courses. Ocala, FL
Smith, J. P. 1990. Basic Computer Skills Part I & II. FL. Anti-Mosq. Assoc. Short Courses. Ocala, FL.

124. Smith, J. P. 1990. The Florida Contract Mosquito Control Research Program. Amer. Mosq. Control Assoc. Ann. Mtg. Lexington, Kentucky.
125. Smith, J. P. 1990. *Aedes albopictus* and Tire Shreds. FL. Mosq. Control. Assoc. Ann. Mtg. Ocala, FL.
126. Smith, J. P. 1990. HRS Contract Research Report Symposium. (Organizer, moderator and speaker). FL. Mosq. Control. Assoc. Ann. Mtg. Ocala, FL.
127. Smith, J. P. 1990. Contract Research Programs. FL. Mosq. Control Assoc. Fall Conf. Vero Beach, FL.
128. Smith, J. P. 1989. HRS Contact Research Report *Symposium* (Organizer, moderator, and speaker). Florida Anti-Mosq. Assoc. Ann. Mtg. Orlando, Florida.
129. Smith, J. P. 1989. An Update on *Aedes albopictus* in Florida. Florida Anti-Mosq. Contr. Assoc. Ann. Mtg. Orlando, Florida.
130. Smith, J. P. 1989. Tire Shreds: A Potentially Hazardous Waste Product. Amer. Mosq. Contr. Assoc. Ann. Mtg. Cambridge, Massachusetts.
131. Smith, J. P. 1988. HRS Contract Research Report *Symposium* (Organizer, moderator, and speaker). Florida Anti-Mosq. Assoc. Ann. Mtg. Pensacola, Florida.
132. Smith, J. P. 1988. *Aedes albopictus* in Florida. Florida Anti-Mosq. Assoc. Ann. Mtg. Pensacola, Florida.
133. Smith, J. P. 1987. Research Grant Reports - HRS Research Program (Organizer, moderator, and speaker) Florida Anti-Mosq. Assoc. Fall Conf. Daytona Beach, Florida.
134. Smith, J. P. 1987. HRS Contract Research Report *Symposium* (Organizer, moderator, and speaker). Florida Anti-Mosq. Assoc. Ann. Mtg. West Palm Beach, Florida.
135. Hall, R. D., J. P. Smith, G. D. Thomas. 1986. Status of Predators and Competitors of the Stable Fly. *Symposium* - ESA Nat. Conf. Reno, Nevada.
136. Smith, J. P. 1986. HRS Contract Research Report *Symposium* (Organizer, moderator, and speaker). Florida Anti-Mosq. Assoc. Ann. Mtg. Jacksonville, Florida.
137. Smith, J. P., and W. F. Rapp. 1985. Black flies in Nebraska. Amer. Mosq. Contr. Assoc. Ann. Mtg. Atlantic City, New Jersey.
138. Smith, J. P. 1985. The Prevalence, Severity and Control of Head Lice and Scabies in Nebraska Public Schools and Day Care Centers. West Cent. Mosq. Vect. Contr. Assoc. Ann Mtg. Albuquerque, New Mexico.
139. Smith, J. P. 1984. Head Lice and Their Control. Nebr. Mosq. and Vect. Contr. Assoc. Ann. Mtg., York, Nebraska.
140. Smith, J. P. 1984. Black Flies--A Spring Pest in Nebraska. Nebr. Mosq. Vect. Contr. Assoc. Ann. Mtg. York, Nebraska.
141. Smith, J. P. 1984. The Status of Head Lice in Nebraska Public Schools. West Cent. Mosq. Vect. Contr. Assoc. Ann. Mtg. Ft. Collins, Colorado.

142. Smith, J. P., R. D. Hall, and G. D. Thomas. 1984. The Stable Fly as a Human and Animal Health Pest in Urban, Suburban and Recreational Settings. Amer. Mosq. Contr. Assoc. Ann. Mtg. Toronto, Ontario, Canada.
143. Smith, J. P. 1983. Mosquito Larvicides. Nebr. Mosq. Vect. Contr. Assoc. Ann. Mtg. Hastings, Nebraska.
144. Smith, J. P. 1983. Field Mortality of Immature Stages of the Stable Fly. MO. Ento. Dept. Seminar. Columbia, Missouri.
145. Smith, J. P., R. D. Hall, and G. D. Thomas. 1983. Natural Enemies of the Stable Fly, *Stomoxys calcitrans* (L.), and Their Impact in Missouri. 59th Ann. Mtg. Cent. States (Kansas) Entomol. Soc. Columbia, Missouri.
146. Smith, J. P., R. D. Hall, and G. D. Thomas. 1982. Immature Field Mortality of the Stable Fly, *Stomoxys calcitrans* (L.), in Central Missouri. Combined Mtg. Entomol. Soc. Amer., Entomol. Soc. Can., and Entomol. Soc. Ontario, Toronto, Ontario, Canada.
147. Smith, J. P., and R. D. Hall. 1982. Mortality by Instar of Developing Stable Fly Populations. Ann. Work Conf. on Stable Fly Res., Columbia, Missouri.
148. Smith, J. P., and R. D. Hall. 1981. Impact of Natural Enemies on Developing Stable Fly Populations. Ann. Work Conf. on Stable Fly Res., Lincoln, Nebraska.
149. Smith, J. P., and R. D. Hall. 1981. Summary of 1980 and 1981 Research Conducted on the Natural Mortality of the Stable Fly in Missouri. Ann. Livestock Insect Workshop., Fayetteville, Arkansas.
150. Smith, J. P., and R. D. Hall. 1980. Highlights of 1980 Stable Fly Mortality Studies in Missouri. 1st Ann. Work Conf. on Stable Fly Res., Lincoln, Nebraska.
151. Smith, J. P., and M. V. Meisch. 1979. Incidence and Abundance of Mosquitoes from Arkansas County Rice Fields. Ark. Agr. Pest. Assoc. Ann. Tech. Mtg., Fayetteville, Arkansas.
152. Smith, J. P., and M. V. Meisch. 1979. Incidence and Abundance of Mosquito Larvae and Other Aquatic Fauna in Arkansas Rice Fields. Amer. Mosq. Contr. Assoc. Ann. Mtg., Washington, D.C.

GRANT & CONTRACT AWARDS (Total: \$4,314,604):

1. Smith, J. P. 2019. Santa Rosa County Mosquito Surveillance – October 2019 – September 2020. Santa Rosa Co. Board of Commissioners. \$66,044.
2. Smith, J. P. 2019. Santa Rosa County Mosquito Surveillance – July-September. Santa Rosa Co. Board of Commissioners. \$10,368.
3. Smith, J. P., and M. A. Smith. 2019. Penta5USA Phase I – In Vitro Repellent Bioassay. Penta5USA. \$9,000.
4. Smith, J. P. and M. A. Smith. 2019. Semi-Field Trials of Hunter's Kloak™ Bugg Off Mist Against *Aedes albopictus*. The Gyde Group, LLC. \$10,000.

5. Smith, J. P. 2018. FSU – Rural Northwest Florida Public Health Mosquito Surveillance Program. Florida Department of Health. \$578,544.
6. Smith, J. P. 2018. Impact of Aerially Applied Naled on Monarch Butterflies. FL. Dept. of Agriculture & Consumer Services. \$55,001.
7. Smith, J. P. 2018. FSU – Okaloosa County Mosquito Surveillance, Okaloosa Co. Board of Commissioners, \$38,248.
8. Smith, J. P. 2018. FSU – Santa Rosa County Mosquito Surveillance, Santa Rosa Co. Board of Commissioners, \$38,248.
9. Smith, J. P. 2017. Semi-Field Trials of Mainstays® Citronella 3 Wick Bucket Candle Against *Aedes aegypti*. Shanghai Daisy. \$10,000.
10. Smith, J. P. 2017. FSU – Rural Northwest Florida Public Health Mosquito Surveillance Program. Florida Department of Health. \$698,110.
11. Smith, J. P. 2017. FSU – Okaloosa County Mosquito Surveillance, Okaloosa Co. Board of Commissioners, \$38,248.
12. Smith, J. P. 2017. FSU – Santa Rosa County Mosquito Surveillance, Santa Rosa Co. Board of Commissioners, \$38,248.
13. Smith, J. P. 2017. Penta5USA *In Vitro* Repellent Bioassay Phase I. Penta5USA. \$7,000.
14. Smith, J. P. 2016. FSU PC STEM Support Contract. U.S. Navy. \$90,000.
15. Smith, J. P. 2016. FSU PC STEM Support Funding. U.S. Air Force. \$5,000.
16. Smith, J. P. 2016. FSU – Okaloosa County Mosquito Surveillance, Okaloosa Co. Board of Commissioners, \$38,248.
17. Smith, J. P. 2016. FSU – Santa Rosa County Mosquito Surveillance, Santa Rosa Co. Board of Commissioners, \$38,248.
18. Smith, J. P. 2016. Girls Who Code Award. Girls Who Code. \$300.
19. Smith, J. P. 2016. Efficacy Evaluation of Insecticidal Ovitrap for Control of Domestic Mosquito Vectors of Dengue, Chikungunya, and Zika Viruses. Florida Department of Agriculture and Consumer Services. \$73, 996.
20. Smith, J. P. 2016. Laboratory Efficacy of Rust-Oleum Repellent-treated Wood Stains against *Aedes aegypti* – Study 2. Rust-Oleum. \$5,000.
21. Smith, J. P. 2015. Science, Technology, Engineering and Mathematics (STEM) Summer Institute Support. Naval Surface Warfare Center. \$82,000.
22. Smith, J. P. 2015. Rust-Oleum *In Vitro* Repellent Bioassay Phase I – Laboratory Trial. Rust-Oleum. \$10,000.
23. Smith, J. P. 2015. MOSQUITO PAQ Secure NOW Proof of Concept Study Phase I – Laboratory Trial. MosquitoPq LLC. \$7,000.

24. Smith, J. P. 2015. Auburn University, Chemical Engineering Dept., Mosquito Identification Services. \$700.
25. Smith, J. P. 2012-2014. Auburn University, Chemical Engineering Dept., Mosquito Identification Services. \$2,900.
26. Smith, J. P. 2015. MosquitoPaq *In Vitro* Repellent Bioassay: Phase I – Laboratory Trial. MosquitoPaq LLC., \$7,000.
27. Smith, J. P. 2015. MosquitoPaq Secure Organic No-Bite Proof of Concept Study Phase I – Laboratory Trial, MosquitoPaq LLC., \$7,000.
28. Smith, J. P. 2015. Mosquito Identification, Data Entry/Storage, Analysis, and Reporting Service. Holmes Co., Florida Mosquito Control. \$3,240.
29. Smith, J. P. 2015. Mosquito Identification, Data Entry/Storage, Analysis, and Reporting Service. Washington Co., Florida Mosquito Control. \$1,620.
30. Smith, J. P. 2015. Mosquito Identification, Data Entry/Storage, Analysis, and Reporting Service. Liberty Co., Florida Mosquito Control. \$1,620.
31. Smith, J. P. 2015. Mosquito Identification, Data Entry/Storage, Analysis, and Reporting Service. Calhoun Co., Florida Mosquito Control. \$225.
32. Smith, J. P. 2015. Mosquito Identification, Data Entry/Storage, Analysis, and Reporting Service. Wakulla Co., Florida Mosquito Control. \$338.
33. Smith, J. P. 2015. FSU - Santa Rosa County Mosquito Surveillance, Santa Rosa Co. Board of Commissioners, \$31,540.
34. Smith, J. P. 2015. FSU – Okaloosa County Mosquito Surveillance, Okaloosa Co. Board of Commissioners, \$32,381.
35. Smith, J.P. 2014. *In vitro* Laboratory Evaluation of Natureza Repellent. Natureza, Inc. \$7,000
36. Smith, J. P. 2014. *In Vitro* Laboratory Evaluation of EverSafe Lotion Repellent. Matrix24 Laboratories. \$7,000.
37. Smith, J. P. 2014. Holmes Co. Flood Disaster Mosquito Surveillance. Holmes Co. Board of Commissioners. \$3,300.
38. Smith, J. P. 2014. Washington Co. Flood Disaster Mosquito Surveillance. Washington Co. Health Dept. \$3,200.
39. Smith, J. P. 2014. FSU - Santa Rosa County Mosquito Surveillance, Santa Rosa Co. Board of Commissioners, \$29,437.
40. Smith, J. P. 2014. FSU – Okaloosa County Mosquito Surveillance, Okaloosa Co. Board of Commissioners, \$29,437.
41. Smith, J. P. 2014. EverSafe™ Field Test – Trial#1. Matrix24 Laboratories, \$7,000.

42. Smith, J. P. 2013. Building Mosquito Research Capability at Florida State University Panama City. FL Dept. of Agric. & Consumer Services. \$82,000.
43. Smith, J. P. 2013. EverSafe™ All-Natural Mosquito Control Product Evaluation Phase I – Laboratory Trial #2; Matrix24 Laboratories. \$8,000.
44. Smith, J. P. 2013. EverSafe™ All-Natural Mosquito Control Product Evaluation Phase I – Laboratory Trial #1; Matrix24 Laboratories. \$8,000.
45. Smith, J. P. 2013. FSU – Santa Rosa County Mosquito Surveillance, Santa Rosa Co. Board of Commissioners, \$29,437.
46. Smith, J. P. 2013. Woodstream Corporation Mosquito Magnet Executive Trap Evaluation Study, \$5,500.
47. Smith, J. P. 2012. FSU - Santa Rosa County Mosquito Surveillance, Santa Rosa Co. Board of Commissioners, \$29,437.
48. Smith, J. P. 2012. FSU - Okaloosa County Mosquito Surveillance, Okaloosa Co. Board of Commissioners, \$29,437.
49. Smith, J. P. 2011. FSU - North Walton County Mosquito-borne Disease Surveillance (July-Sept). North Walton County Mosquito Control; \$9,714.
50. Smith, J. P. 2011. FSU - Santa Rosa County Mosquito-borne Disease Surveillance (July-Sept), Santa Rosa Co. Board of Commissioners, \$9,714.
51. Smith, J. P. 2011. FSU - Okaloosa County Mosquito-borne Disease Surveillance (July-Sept), Okaloosa Co. Board of Commissioners, \$9,714.
52. Smith, J. P. 2010. FAMU - North Walton County Mosquito-borne Disease Surveillance. North Walton County Mosquito Control; \$19,625.
53. Smith, J. P. 2010. FAMU - Santa Rosa County Mosquito-borne Disease Surveillance, Santa Rosa Co. Board of Commissioners, \$19,625.
54. Smith, J. P. 2010. FAMU - Okaloosa County Mosquito-borne Disease Surveillance, Okaloosa Co. Board of Commissioners, \$19,625.
55. Smith, J. P. 2009. KAZ Inc. MK100 Mosquito Trap Evaluation. KAZ Inc. \$3,000.
56. Smith, J. P. 2009. FAMU - North Walton County Mosquito-borne Disease Surveillance. North Walton County Mosquito Control; \$29,437.
57. Smith, J. P. 2009. FAMU - Santa Rosa County Mosquito-borne Disease Surveillance, Santa Rosa Co. Board of Commissioners, \$29,437.
58. Smith, J. P. 2009. FAMU - Okaloosa County Mosquito-borne Disease Surveillance, Okaloosa Co. Board of Commissioners, \$29,437.
59. Smith, J. P. 2008. FAMU - North Walton County Mosquito-borne Disease Surveillance. North Walton County Mosquito Control; \$28,846.

60. Smith, J. P. 2008. FAMU - Santa Rosa County Mosquito-borne Disease Surveillance, Santa Rosa Co. Board of Commissioners, \$28,846.
61. Smith, J. P. 2008. FAMU - Okaloosa County Mosquito-borne Disease Surveillance, Okaloosa Co. Board of Commissioners, \$28,846.
62. Smith, J. P. 2007. Spread, Larval Habitat, Seasonal Abundance and Vector Status of *Culex coronator*: a new invasive vector species in Florida. Florida Department of Agriculture and Consumer Services; \$58,092.
63. Smith, J. P. 2007. Non-Pesticidal Mosquito Control Pilot Study in St. Andrews State Park. Florida Department of Agriculture and Consumer Services; \$34,252.
64. Smith, J. P. 2007. FAMU - North Walton County Mosquito-borne Disease Surveillance. North Walton County Mosquito Control; \$27,565.
65. Smith, J. P. 2007. FAMU - Santa Rosa County Mosquito-borne Disease Surveillance, Santa Rosa Co. Board of Commissioners, \$27,565.
66. Smith, J. P. 2007. FAMU - Okaloosa County Mosquito-borne Disease Surveillance, Okaloosa Co. Board of Commissioners, \$27,565.
67. Smith, J. P. 2007. KAZ Inc. Innovations Mosquito Trap Evaluation Proposal. KAZ Inc. \$6,000.
68. Smith, J. P. 2006. TyraTech Repellent Evaluation Studies-X & XI, TyraTech, LLC. \$5,000.
69. Smith, J. P. 2006. FAMU - North Walton County Mosquito-borne Disease Surveillance. North Walton County Mosquito Control; \$22,565.
70. Smith, J. P. 2006. FAMU - Santa Rosa County Mosquito-borne Disease Surveillance, Santa Rosa Co. Board of Commissioners, \$22,565.
71. Smith, J. P. 2006. FAMU - Okaloosa County Mosquito-borne Disease Surveillance, Okaloosa Co. Board of Commissioners, \$22,565.
72. Smith, J. P. 2006. FAMU - Washington County Mosquito-borne Disease Surveillance, Washington Co. Health Dept., \$27,927.
73. Smith, J. P. 2006. Identification of Arbovirus Vectors in S. Walton County Mosquito Control District, \$8,253.
74. Smith, J. P. 2005. TyraTech Repellent Evaluation Studies-Amendments IV, V, VI & VII. TyraTech, LLC. \$17,500.
75. Smith, J. P. 2005. FAMU - North Walton County Mosquito-borne Disease Surveillance. North Walton County Mosquito Control; \$22,565.
76. Smith, J. P. 2005. FAMU - Washington County Mosquito-borne Disease Surveillance, Washington Co. Health Dept., \$29,502.

77. Smith, J. P. 2005. FAMU - Santa Rosa County Mosquito-borne Disease Surveillance, Santa Rosa Co. Board of Commissioners, \$22,565.
78. Smith, J. P. 2005. FAMU - Okaloosa County Mosquito-borne Disease Surveillance, Okaloosa Co. Board of Commissioners, \$22,565.
79. Smith, J. P. 2005. FAMU - Identification of Arbovirus Vectors in S. Walton County Mosquito Control District, \$8,253.
80. Smith, J. P. 2005. 2005 Sunaim Incorporated Mosquito Trap Evaluation Proposal, Sunaim Inc. \$3,000.
81. Smith, J. P. 2005. 2005 XLTG Repellent Evaluation Studies-V-VII, XL Tech Group, LLC. \$15,658.
82. Smith, J. P. 2005. KAZ Corporation Mosquito Trap Evaluation Study. KAZ, Inc; \$6,000.
83. Smith, J. P. 2005. TyraTech Repellent Evaluation Studies-VIII & IX, TyraTech, LLC. \$3,300.
84. Smith, J. P. 2004. Scotts Repellent Evaluation Study, The Scotts Company. \$5,000.
85. Smith, J. P. 2004. XLTG Repellent Evaluation Studies-III & IV, XL Tech Group, LLC. \$10,000.
86. Smith, J. P. 2004. Special Appropriation for Mosquito Control Research Infrastructure. FDACS, \$380,000.
87. Smith, J. P. 2004. FAMU - Okaloosa County Mosquito-borne Disease Surveillance, Okaloosa Co. Board of Commissioners, \$22,565.
88. Smith, J. P. 2004. FAMU - Santa Rosa County Mosquito-borne Disease Surveillance, Santa Rosa Co. Board of Commissioners, \$22,565.
89. Smith, J. P. 2004. FAMU - North Walton County Mosquito-borne Disease Surveillance, Walton Co. Board of Commissioners, \$22,565.
90. Smith, J. P. 2004. FAMU - South Walton County Mosquito-borne Disease Surveillance, South Walton County Mosquito Control District, \$8,253.
91. Smith, J. P. 2004. FAMU - Washington County Mosquito-borne Disease Surveillance, Washington Co. Health Dept., \$29,502.
92. Smith, J. P. 2004. XLTG Repellent Evaluation Study, XLTech Group, LLC, \$1,500.
93. Smith, J. P. 2004. Bio-Block Repellent Test, HOMS, LLC, \$5,000.
94. Smith, J. P. 2003. CitroLux Repellent Evaluation Study, CitroLux Corp., \$4,940.
95. Smith, J. P. 2003. Lewey's Eco-Blends Repellent Study, Lewey's Eco-Blends, Inc., \$4,630.
96. Smith, J. P. 2003. Lentek International Mosquito Trap Evaluation, Lentek International, Inc., \$5,200.

97. Smith, J. P. 2003. Efficacy of the American Biophysics Corporation Mosquito Magnet Trap for Control of Residential Mosquitoes. American Biophysics Corp., \$23,019.
98. Smith, J. P. 2003. American Biophysics Corporation Trap Comparison Study. American Biophysics Corp., \$14,672.
99. Smith, J. P. 2003. FAMU - Okaloosa County Mosquito-borne Disease Surveillance, Okaloosa Co. Board of Commissioners, \$18,325.
100. Smith, J. P. 2003. FAMU - Santa Rosa County Mosquito-borne Disease Surveillance, Santa Rosa Co. Board of Commissioners, \$18,325.
101. Smith, J. P. 2003. FAMU - North Walton County Mosquito-borne Disease Surveillance, Walton Co. Board of Commissioners, \$18,325.
102. Smith, J. P. 2003. FAMU - South Walton County Mosquito-borne Disease Surveillance, South Walton County Mosquito Control District, \$17,795.
103. Smith, J. P. 2003. FAMU - Washington County Mosquito-borne Disease Surveillance, Washington Co. Health Dept., \$18,325.
104. Smith, J. P. 2002. Dr. Homola's Repellent Evaluation, CitroLux Corp., \$4,000.
105. Smith, J. P. 2002. FAMU - Okaloosa County Mosquito-borne Disease Surveillance, Okaloosa Co. Board of Commissioners, \$11,726.
106. Smith, J. P. 2002. FAMU - Santa Rosa County Mosquito-borne Disease Surveillance, Santa Rosa Co. Board of Commissioners, \$11,726.
107. Smith, J. P. 2002. FAMU - North Walton County Mosquito-borne Disease Surveillance, Walton Co. Board of Commissioners, \$11,726.
108. Smith, J. P. 2002. FAMU - South Walton County Mosquito-borne Disease Surveillance, South Walton County Mosquito Control District, \$9,559.
109. Smith, J. P. 2002. FAMU - Washington County Mosquito-borne Disease Surveillance, Washington Co. Health Dept., \$11,726.
110. Smith, J. P. 2002. Evaluation of a Rapid Mosquito Test for West Nile Virus. Florida Dept. of Agriculture & Consumer Services. \$22,707.
111. Smith, J. P. 2002. Coleman Mosquito Trap Test. The Coleman Company, Inc., \$12,700.
112. Smith, J. P. 2002. American Biophysics Corporation Mosquito Trap Evaluation, American Biophysics Corp. \$11,816
113. Smith, J. P. 2002. Area Repellent Evaluation, Compliance Services International, \$8,000
114. Smith, J. P. 2001. Field Evaluation of the Mosquito Magnet Industrial and Residential Model Mosquito Traps in Comparison with the Flowtron Powertrap. American Biophysics Corporation. \$5,651

115. Smith, J. P., J. Petersen, and T. F. Floore. 2001. Evaluation of BugOff! Mosquito Repellent Wrist Band; Chris Kanel-KAZ, Inc. \$4,545
116. Smith, J. P., T. G. Floore, J. Petersen and K. R. Shaffer. 2001. Laboratory Evaluation of Three New IBI Mosquito Repellent Formulations Compared to DEET. Insect Biotechnology, Inc. \$7,090
117. Smith, J. P., J. E. Cilek and J. Petersen. 2001. Community Service Outreach Grant. Florida A&M University. \$3,000
118. Petersen, J., T. G. Floore and J. P. Smith. 2001. Mosquito Repellent Evaluations. FL Dept. of Agriculture and Consumer Services. \$9,079
119. Smith, J. P., T. G. Floore and J. Petersen. 2000. Mosquito Repellent Study. Good Housekeeping Institute, Inc. \$7,336
120. Smith, J. P., and J. Petersen. 2000. Community Service Grant. Florida A&M University. \$2,500
121. Smith, J. P., and K. R. Shaffer. 1999. Field Tests Comparing the ABC Pickle Jar, Flowtron Galaxie Bug Zapper and Yates Mosquito Traps. American Biophysics Corporation. \$4,000
122. Smith, J. P., and T. G. Floore. 1997. Georgia Flood Recovery Mosquito Species Collection. Troup County Georgia Board of Health. \$29,526
123. Smith, J. P. 1996. Ground ULV-BTI Field Evaluation and Demonstration Project. Florida Department of Agriculture and Consumer Services. \$14,426
124. Floore, T. G. and J. P. Smith. 1996. Evaluation of BVA Botanical Larvicide in Laboratory Pan Tests. BVA, Inc. \$3,603
125. Floore, T. G. and J. P. Smith. 1996. Evaluation of Microencapsulated *B.t.i.* in Laboratory Pan Tests. Clarke Mosquito Control Products. \$3,630
126. Floore, T. G. and J. P. Smith. 1996. Field Plot Bioassays of Altosid Sand Granules for Larval Mosquito Control. Sandoz, Corp. \$6,148
127. Smith, J. P. 1995-96. Arbovirus Surveillance in Flood-Disaster-Declared Counties of Panhandle Florida. Florida Department of Health and Rehabilitative Services. \$364,739
128. Floore, T. G. and J. P. Smith. 1995. Field Plot Bioassays of Altosid Pellets for Larval Mosquito Control. Sandoz, Corp. \$5,913
129. Floore, T. G. and J. P. Smith. 1995. BVA Botanical Larvicide Evaluation in Field Plots. BVA, Inc. \$3,850
130. Smith, J. P. 1994. Arbovirus Surveillance in Florida Disaster Areas Affected by Tropical Storm Alberto. Florida Department of Health and Rehabilitative Services. \$42,788

WORKSHOPS COORDINATED/CONDUCTED

1. Smith, J. P. 2020. Northwest Florida Mosquito Control Workshop. Beach Mosquito Control District, Panama City Beach, FL. March 11-12.

2. Smith, J. P. 2019. Northwest Florida Mosquito Control Workshop. Florida State University, Panama City, FL. March 20-21.
3. Smith, J. P. 2018. Northwest Florida Mosquito Control Workshop. Florida State University, Panama City, FL. March 13-14.
4. Smith, J. P. 2017. Northwest Florida Mosquito Control Workshop. Florida State University, Panama City, FL. April 17-18.
5. Smith, J. P. 2016. Mosquito Entomology Workshop. Florida State University, Panama City, FL. Dec. 5.
6. Smith, J. P. 2016. Northwest Florida Mosquito Control Workshop. Florida State University, Panama City, FL. March 7-8.
7. Smith, J. P. 2015. Mosquito Entomology Workshop. Florida State University, Panama City, FL. Dec. 7.
8. Smith, J. P. 2015. Southeast Regional Mosquito Control Workshop. Florida State University, Panama City, FL. March 9-10.
9. Smith, J. P. 2014. Mosquito Entomology Workshop. Florida State University, Panama City, FL. Dec. 11.
10. Smith, J. P. 2014. Southeast Regional Mosquito Control Workshop. Florida State University, Panama City, FL. March 10-11.
11. Smith, J. P. 2013. Mosquito Identification Workshop-II. Florida State University, Panama City, FL. Dec. 11.
12. Smith, J. P. 2013. Southeast Regional Mosquito Control Workshop. Panama City, FL. March 5-6.
13. Smith, J. P. 2013. Mosquito Identification Workshop. Florida State University, Panama City, FL. Jan. 10.
14. Smith, J. P. 2012. Florida State University Mosquito Control Workshop. Panama City, FL. March 20-22.

COMMUNITY SERVICE ACTIVITIES

- 2005–2016: Publicly elected Commissioner-Beach Mosquito Control District, Seat #3, Panama City Beach, FL
- 2000– Present: Member of the Florida Department of Health, Florida Arbovirus Interagency Task Force on mosquito-borne disease surveillance and control
- 2012: Breakfast Point Learning Academy Science Fair Judge, Panama City Beach, FL
- 2007: DoD SBIR grant reviewer

- 2006: Invited committee member to conduct a review of Anastasia Mosquito Control District in St. Augustine, FL
- 2001: Florida Ironman Triathlon volunteer
- 2001: Obtained state grant to equip and transport 5th grade gifted students at Patronis Elementary School in Panama City Beach, FL to St. Andrews State Park for an entomology collection trip. Lead students in preparation of a collection for display at the park visitor center.
- 2000: Obtained state grant funds to integrate entomology into the pre-K curriculum at Patronis Elementary School through purchase of age-appropriate educational materials and via on-site displays and presentation.
- 1998: Served as grand prize judge for senior-level life sciences at Three-Rivers Science and Engineering Fair, Panama City, FL.
- 1995–2009: Presented junior and senior division Bay Co. Three Rivers Science Fair awards for best entomology projects
- 1994–1995: Elected to Board of Directors and appointed Vice President, Palm Bay Homeowners Association. Panama City Beach, FL.
- 1994: Served as senior division judge in medicine and health category at the Three Rivers Science and Engineering Fair, Panama City, FL.
- 1992–1994: Assistant Cub master and Dean Leader; Pack 323, Den 2; Boy Scouts of America. Panama City Beach, FL.
- 1991–Present: Provided numerous presentations to local schools, library, and civic organizations
- 1991–2011: Provided entomology presentations and tours of Public Health Entomology Research and Education Center for primary and secondary public and private schools; approx. 6/year.
- 1985–1991: Served as a judge for the Duval Co., FL Science Fair. Jacksonville, FL.

EXPERT WITNESS

- 1992: Hilton Hotel, Panama City Beach, FL – represented defense in a multi-million-dollar brown recluse spider bite case.
- 1990: City of Jacksonville, FL – represented Florida Department of Health and Rehabilitative Services in legal case against one of the largest tire yard operators in Florida relative to the first U.S. introduction and propagation of the exotic disease vector, the Asian tiger mosquito, *Aedes albopictus*.

CONSULTING SERVICES

- 2019-2020: Entomological consultant on clothing moth product research and development. Beaumont Products, Inc. Kennesaw, GA.
- 2010 – Present: Public Health Entomology Services; <http://mosquitoresearchlab.com>; Sole Proprietor.

1988–1989: Retained by Oxford Tire of New York to conduct a study on viability of Asian tiger mosquito eggs in tires processed through the company's commercial tire shredder.

NEWS MEDIA EXPERIENCE

Smith, J. P. 2016. Zika Virus. WJHG Channel 7, Panama City, FL.

Smith, J. P. 2015. Yellow Flies and Mosquitoes. WJHG Channel 7, Panama City, FL.

Smith, J. P. 2015. Mosquito Research. WJHG Channel 7, Panama City, FL.

Smith, J. P. 2010. Mosquito Repellents. Panhandle Outdoor Show. WMBB-Channel 13, Panama City, FL.

Smith, J. P. & H-W. Park. 2008. The FAMU Public Health Entomology Center. FAMU TV Channel 20.

Smith, J. P. 2003. West Nile's Sting. Florida Crossroads. WFSU-Public Television.

Smith, J. P. 2001. Emergence of West Nile Virus. New York Times Television film for the National Geographic Society.

Smith, J. P. 2001. Multiple interviews with Channel, 7, 13 (Panama City), 4 & 18 (Dothan, AL) & 20 & 24 (Tallahassee) on West Nile Virus and Eastern Equine Encephalitis.

Smith, J. P. 2001. Multiple interviews on mosquito repellent testing. Channel 7 & 13 (Panama City).

Smith, J. P., J. Petersen, T.G. Floore. 2000. Mosquito Repellents. NBC Dateline TV (July) and Good Housekeeping Magazine (August issue).

Smith, J. P. 1997. Mid-day show. Channel 4 (Dothan). Live interview on summer insect pests.

Smith, J. P. 1992. Mid-day News. WMBB TV, Channel 13, Panama City, Florida. Live interview on yellow flies.

Smith, J. P. 1990. Mosquito-borne encephalitis. Health Source (questions and answers concerning the 1990 Florida outbreak). WJKS, Channel 17, Jacksonville, Florida.

Smith, J. P. 1987. Insects. Hot-line Science (1-hr. public television program). WJCT-TV Channel 7, Jacksonville, Florida. Broadcast live and tape-delayed

Smith, J. P. 1985-present. Provided several local television interviews on mosquitoes, mosquito control, and mosquito-borne disease

Smith, J. P. 1983-present. Numerous radio interviews on public health-related entomology topics on National Public Radio, web radio stations, and other stations across the U.S. and in Canada

Smith, J. P. 1983- present. Numerous Associated Press and local newspaper articles on topics ranging from lice, fleas, cockroaches, spiders, mosquitoes, Lyme Disease, encephalitis, and delusory parasitosis

PROFESSIONAL / HONORARY SOCIETY MEMBERSHIP AND SERVICE

Entomological Society of America
American Mosquito Control Association
Florida Mosquito Control Association
-Legislative Committee
-Research Advisory Committee
-Membership Committee
-Annual Program Committee
-Short Course Committee
Alpha Zeta
Alpha Gamma Rho

REFERENCES

Dr. Robert D. Hall, Ph.D., J.D. (retired)
Associate Vice Chancellor for
Research and Director of Compliance
Office of Research
205 Jesse Hall
University of Missouri
Columbia, Missouri 65211
Phone: (573) 882-9500
Email: HallR@missouri.edu

Dr. Max Meisch, Ph.D., (retired)
Entomology Department
University of Arkansas
11990 E. Devils Den Rd
Winslow, AR 72959
Phone: (479) 634-3460
Email: meisch@uark.edu

Dr. John A. Mulrennan, Jr., Ph.D. (retired)
Chief, Bureau of Entomology & Pest Control
Florida Department of Agriculture and Consumer Services
8523 Goldeneye Lane
Jacksonville, FL 32217
Phone: (904) 737-8013
Email: mulrennan9@aol.com