

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

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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

CERTIFICATIONS

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

RESEARCH INTERESTS

Medical and veterinary entomology; mosquito and biting fly ecology, surveillance, and control; insect repellents; and, trapping systems

APPOINTMENTS

Dates	Position	Employer
July, 2011 – Present	Medical/Veterinary Entomologist	Florida State University (FSU), Panama City, FL
Feb.,1992 – June, 2011	Center Director / Professor of Entomology	John A. Mulrennan Sr., Public Health Entomology Research & Education Center (PHEREC), Florida A & M University (FAMU), Panama City, FL
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

June, 1985 – June, 1991	Medical Entomologist / Contract Research Manager / Biological Administrator I	Office of Entomology Services, FHRS, Jacksonville, FL
Sept., 1983 – June, 1985	State Medical Entomologist & Vector Control Specialist	Environmental Health Division, Nebraska Department of Health, Lincoln, NE
June, 1980 – Sept., 1983	Ph.D. Graduate Research Assistant- Veterinary/Medical Entomology	Entomology Department, University of Missouri, Columbia, MO
July, 1979 – Jan., 1980	Research Assistant-Medical Entomology (Full-time)	Entomology Department, University of Arkansas, Fayetteville, AR
July, 1977 – July, 1979	M.S. Graduate Research Assistant- Medical Entomology	Entomology Department, University of Arkansas, Fayetteville, AR
July, 1974 – July, 1977	Undergraduate Lab Technician (Entomology Museum, Livestock and Forest Entomology Laboratories)	Entomology Department, University of Arkansas, Fayetteville, AR

FSU COURSE DEVELOPMENT

Graduate Certificate in Forensic Entomology (12 credits)

<u>Course Number</u>	<u>Title</u>	<u>Credits</u>	<u>Format</u>
CJE 5225	Introduction to Forensic Entomology	3	On-line
CJE 5226	Forensic Entomology: Field Collection Techniques	3	On-line
---	Forensic Entomology: Taxonomy and Post Mortem Interval	3	On-line
---	Forensic Entomology: Case Studies and Legalities	3	On-line

TEACHING EXPERIENCE

Guest Lecturer:

<u>Date</u>	<u>Location</u>	<u>Course/Area/Type</u>	<u>Topic</u>
2002	FAMU, Institute of Public Health Tallahassee, Florida	Environmental Health	Mosquito Control Research

1984	Creighton University, Omaha, Nebraska,	Medical School	Medical Entomology
1982	University of Missouri Entomology Department Columbia, Missouri	Med/Vet Entomology	Mosquitoes

Teaching Assistant:

1977-78	University of Arkansas Entomology Department Fayetteville, Arkansas	General Entomology	Lab Instruction (3 sections)
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C.E.U. Provider:

2012	Florida State University	Workshops	Mosquito Control
1992-2011	FAMU & FMCA	Seminars, Symposia, Workshops, Presentations	Mosquito Control and Medical Entomology
1985-91	FHRS & FMCA	Seminars and Short Courses	Mosquito Control & Medical Entomology
1983-84	Nebraska State Health Department	Regional Workshops	Vector Biology & Control

Special Problems Instructor:

1993, 1995	FAMU	Entomology	Mosquito Control
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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 the University of California, University-wide mosquito research review team

1983: Awarded University of Missouri PhD graduate student award for out-of-country scientific meeting travel

1984: Received recommended appointment as Adjunct Assistant Professor in Entomology Dept., University of Nebraska

1977: Nominated for Key's Award given to 5 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, 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.
2. 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.
3. 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.
4. 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.
5. Smith, J. P. & T. G. Floore. 2001. New mosquito collection records for southern Georgia. *J. Entomol. Sci.* 36(2): 114-121.
6. Smith, J. P. 1992. Lyme Disease. *J. FL. Mosq. Control Assoc.* 63(1): 35-38.
7. 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.
8. 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.
9. 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.
10. 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.
11. 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.

12. 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.
13. 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.
14. 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.
15. 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.
16. Smith, J. P. 1984. The status of head lice in Nebraska public schools. *West Cent. Mosq. Vector Contr. Assoc. Proc.* 9:11-14.
17. 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.
18. 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.
19. 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.
20. Smith, J. P., R. D. Hall and L. M. English. 1981. Residual barn treatments using Atroban permethrin for the control of house flies. *Ins. Acar. Tests.* 6:205.
21. 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. 2009. Chapter on 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.
2. Smith, J. P. 2004. Human Scabies. **In** Encyclopedia of Entomology. Kluwer Academic Publishers. Capinera Ed. Vol. 2. pp 1138-1139.
3. 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.
4. 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.

5. 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.
6. 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.
7. 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.
8. 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.

SELECT INVITED PRESENTATIONS

1. Smith, J. P. and E. Enan. 2005. Natural Product Chemistry and Testing for Mosquito Repellents. Entomol. Soc. of America Ann. Conf. Ft. Lauderdale, FL.
2. Smith, J. P. 2002. Mosquito Repellents: What Really Works? Alabama Vector Mngmt. Society. Mountain Brook, AL.
3. Smith, J. P. 1992. Review of the Encephalitis Outbreaks in Florida. Alabama Vector Mngmt. Society. Mobile, AL.
4. Smith, J. P. 1992. Epidemiology of Arthropod-Borne Diseases - Lyme Disease. Florida Mosquito Control Association Short Courses. Daytona Beach, FL.
5. Smith, J. P. 1991. *Keynote Address* - Encephalitis in Florida. Nebraska Mosquito and Vector Control Assoc. Ann. Mtg. Lincoln, NE.
6. 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.
7. Smith, J. P. 1988. Principles of Entomology in Florida. Univ. South Florida Environ. Hlth. Spec. Training Prog., Vero Beach and Tallahassee, Florida.
8. Smith, J. P. 1988. Factors Controlling Stable Fly Abundance. Entomology Dept. Seminar, New Mexico State University, Las Cruces, New Mexico.
9. Smith, J. P. 1988. *Symposium* - *Aedes albopictus* in Florida. Am. Mosq. Control Assoc. Ann. Mtg. Denver, Colorado.
10. 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.

11. Smith, J. P. 1987. Parasites of the Stable Fly and Associated Diptera. *Symposium* - Entomol. Soc. Am. Ann. Mtg, Boston, Massachusetts.
12. Smith, J. P. 1987. Overview of Entomology and New Directions in Pest Control. Univ. South Florida Environ. Hlth. Spec. Training Prog., Daytona Beach, Florida.
13. Smith, J. P. 1987. Life Tables for the Stable Fly in Missouri. *Symposium* - FL. Ent. Soc. Ann. Mtg. Daytona Beach, Florida.
14. Smith, J. P. 1987. HRS Perspective on the New State Surveillance Rule. *Symposium* - Florida Anti-Mosq. Assoc. Ann. Mtg. Palm Beach, Florida.
15. Smith, J. P. 1984. Medical Entomology. Creighton Univ. Med. Sch. Omaha, Nebraska.
16. Smith, J. P. 1984. Medically Important Arthropods. Nat. Exec. Housekeepers Assoc. Inc. Omaha, Nebraska.

SELECT SUBMITTED PRESENTATIONS

1. 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.
2. 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.
3. 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.
4. 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.
5. 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.
6. 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.
7. 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.
8. 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.

9. 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.
10. 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.
11. 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.
12. 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.
13. 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.
14. 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.
15. 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.
16. 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.
17. 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.
18. 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.
19. 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
20. 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.
21. 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.

22. 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.
23. Smith, J. P. 2003. Arbovirus, Repellent and Trapping Systems Research. FL. Mosq. Control Assoc. Spring Mtg. Ft. Pierce/Vero Beach, FL.
24. Smith, J.P. 2003. Mosquito Repellents: What Really Works? (II). AL Vector Mngmt Soc. 14th Ann. Mtg.; March 19-20, Mobile, AL.
25. Smith, J. P. and J. Walsh. 2003. Evaluation of Seven Commercial Mosquito Control Traps. Entomol. Soc. of America Ann. Conf. Cincinnati, OH.
26. Smith, J. P. & J. Barber. 2003. Palm Beach County Aerial Spray Validation Study. FL. Mosq. Control Assoc. Fall Mtg. Miami, FL.
27. Smith, J.P., C. Mulla, & J. Walsh. 2003. DEET-alternative Repellent Studies. Amer. Mosquito Control Assoc. 69th Ann. Mtg.; March 1-6, Minneapolis, MN.
28. 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
29. Smith, J. P. 2003. Simple, Low-Cost Arbovirus Data Handling System. AL. Vector Mngmt. Society. Mobile, AL.
30. 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.
31. 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.
32. Smith, J. P. 2002. Arbovirus Ecology and Control in the Northwest Panhandle of Florida. FL. Mosq. Control Assoc. Spring Mtg. Cocoa Beach, FL.
33. Smith, J. P. 2002. Comparative Mosquito-Capturing Prowess of Several Commercial Traps. Entomol. Soc. of America Ann. Conf. Ft. Lauderdale, FL.
34. 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.
35. Smith, J. P. 2001. Repellent Research at PHEREC. FL Mosquito Control Association Spring Conference. Winter Haven, FL.
36. 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.
37. 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.

38. 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.
39. 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.
40. Smith, J. P. 1999. Evaluation of Two CO₂ Enhanced Mosquito Trapping Systems. Entomol. Soc. of America Ann. Conf., Atlanta, GA.
41. 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.
42. 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.
43. 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.
44. 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
45. 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.
46. 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.
47. Smith, J. P. 1996. 1994-1996 Arbovirus Surveillance in the Central Panhandle Flood-Disaster Region. 68th Ann. Mtg. FL. Mosq. Contr. Assoc. Kissimmee, FL.
48. 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.
49. Smith, J. P. 1995. Central Panhandle Flood Disaster Arbovirus Surveillance Program. FL. Mosq. Contr. Assoc. Ann. Mtg. Key West, FL.
50. Smith, J. P. 1995. Arbovirus Surveillance in Conjunction with Tropical Storm Alberto in the Florida Panhandle. Amer. Mosq. Contr. Assoc. Ann. Mtg. Portland, OR.
51. Smith, J. P. 1994. Mosquito-borne Disease Surveillance Associated with Tropical Storm Alberto in Northwest Florida. Annual Mtg. Entomol. Soc. of Amer., Dallas, TX.
52. Smith, J. P. 1990. *Aedes albopictus* and Tire Shreds. FL. Mosq. Control. Assoc. Ann. Mtg. Ocala, FL.

53. Smith, J. P. 1989. An Update on *Aedes albopictus* in Florida. Florida Anti-Mosq. Contr. Assoc. Ann. Mtg. Orlando, Florida.
54. Smith, J. P. 1989. Tire Shreds: A Potentially Hazardous Waste Product. Amer. Mosq. Contr. Assoc. Ann. Mtg. Cambridge, Massachusetts.
55. Smith, J. P. 1988. *Aedes albopictus* in Florida. Florida Anti-Mosq. Assoc. Ann. Mtg. Pensacola, Florida.
56. 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.
57. Smith, J. P. and W. F. Rapp. 1985. Black flies in Nebraska. Amer. Mosq. Contr. Assoc. Ann. Mtg. Atlantic City, New Jersey.
58. 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.
59. Smith, J. P. 1984. The Status of Head Lice in Nebraska Public Schools. West Cent. Mosq. Vect. Contr. Assoc. Ann. Mtg. Ft. Collins, Colorado.
60. 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.
61. Smith, J. P. 1983. Field Mortality of Immature Stages of the Stable Fly. MO. Ento. Dept. Seminar. Columbia, Missouri.
62. 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.
63. 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.
64. 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.
65. 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.
66. 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.
67. 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.
68. 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.

69. 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: \$2,049,578):

1. Smith, J. P. 2011. FSU - Santa Rosa County Mosquito Surveillance, Walton Co. Board of Commissioners, \$29,437.
2. Smith, J. P. 2011. FSU - Okaloosa County Mosquito Surveillance, Walton Co. Board of Commissioners, \$29,437.
3. Smith, J. P. 2011. FSU - North Walton County Mosquito-borne Disease Surveillance. North Walton County Mosquito Control; \$9,714.
4. Smith, J. P. 2011. FSU - Santa Rosa County Mosquito-borne Disease Surveillance, Walton Co. Board of Commissioners, \$9,714.
5. Smith, J. P. 2011. FSU - Okaloosa County Mosquito-borne Disease Surveillance, Walton Co. Board of Commissioners, \$9,714.
6. Smith, J. P. 2010. FAMU - North Walton County Mosquito-borne Disease Surveillance. North Walton County Mosquito Control; \$19,625.
7. Smith, J. P. 2010. FAMU - Santa Rosa County Mosquito-borne Disease Surveillance, Walton Co. Board of Commissioners, \$19,625.
8. Smith, J. P. 2010. FAMU - Okaloosa County Mosquito-borne Disease Surveillance, Walton Co. Board of Commissioners, \$19,625.
9. Smith, J. P. 2009. KAZ Inc. MK100 Mosquito Trap Evaluation. KAZ Inc. \$3,000.
10. Smith, J. P. 2009. FAMU - North Walton County Mosquito-borne Disease Surveillance. North Walton County Mosquito Control; \$29,437.
11. Smith, J. P. 2009. FAMU - Santa Rosa County Mosquito-borne Disease Surveillance, Walton Co. Board of Commissioners, \$29,437.
12. Smith, J. P. 2009. FAMU - Okaloosa County Mosquito-borne Disease Surveillance, Walton Co. Board of Commissioners, \$29,437.
13. Smith, J. P. 2008. FAMU - North Walton County Mosquito-borne Disease Surveillance. North Walton County Mosquito Control; \$28,846.
14. Smith, J. P. 2008. FAMU - Santa Rosa County Mosquito-borne Disease Surveillance, Walton Co. Board of Commissioners, \$28,846.
15. Smith, J. P. 2008. FAMU - Okaloosa County Mosquito-borne Disease Surveillance, Walton Co. Board of Commissioners, \$28,846.

16. 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.
17. Smith, J. P. 2007. Non-Pesticidal Mosquito Control Pilot Study in St. Andrews State Park. Florida Department of Agriculture and Consumer Services; \$34,252.
18. Smith, J. P. 2007. FAMU - North Walton County Mosquito-borne Disease Surveillance. North Walton County Mosquito Control; \$27,565.
19. Smith, J. P. 2007. FAMU - Santa Rosa County Mosquito-borne Disease Surveillance, Walton Co. Board of Commissioners, \$27,565.
20. Smith, J. P. 2007. FAMU - Okaloosa County Mosquito-borne Disease Surveillance, Walton Co. Board of Commissioners, \$27,565.
21. Smith, J. P. 2007. KAZ Inc. Innovations Mosquito Trap Evaluation Proposal. KAZ Inc. \$6,000.
22. Smith, J. P. 2006. TyraTech Repellent Evaluation Studies-X & XI, TyraTech, LLC. \$5,000.
23. Smith, J. P. 2006. FAMU - North Walton County Mosquito-borne Disease Surveillance. North Walton County Mosquito Control; \$22,565.
24. Smith, J. P. 2006. FAMU - Santa Rosa County Mosquito-borne Disease Surveillance, Walton Co. Board of Commissioners, \$22,565.
25. Smith, J. P. 2006. FAMU - Okaloosa County Mosquito-borne Disease Surveillance, Walton Co. Board of Commissioners, \$22,565.
26. Smith, J. P. 2006. FAMU - Washington County Mosquito-borne Disease Surveillance, Washington Co. Health Dept., \$27,927.
27. Smith, J. P. 2006. Identification of Arbovirus Vectors in S. Walton County Mosquito Control District, \$8,253.
28. Smith, J. P. 2005. TyraTech Repellent Evaluation Studies-Amendments IV, V, VI & VII. TyraTech, LLC. \$17,500.
29. Smith, J. P. 2005. FAMU - North Walton County Mosquito-borne Disease Surveillance. North Walton County Mosquito Control; \$22,565.
30. Smith, J. P. 2005. FAMU - Washington County Mosquito-borne Disease Surveillance, Washington Co. Health Dept., \$29,502.
31. Smith, J. P. 2005. FAMU - Santa Rosa County Mosquito-borne Disease Surveillance, Walton Co. Board of Commissioners, \$22,565.
32. Smith, J. P. 2005. FAMU - Okaloosa County Mosquito-borne Disease Surveillance, Walton Co. Board of Commissioners, \$22,565.

33. Smith, J. P. 2005. FAMU - Identification of Arbovirus Vectors in S. Walton County Mosquito Control District, \$8,253.
34. Smith, J. P. 2005. 2005 Sunaim Incorporated Mosquito Trap Evaluation Proposal, Sunaim Inc. \$3,000.
35. Smith, J. P. 2005. 2005 XLTG Repellent Evaluation Studies-V-VII, XL Tech Group, LLC. \$15,658.
36. Smith, J. P. 2005. KAZ Corporation Mosquito Trap Evaluation Study. KAZ, Inc; \$6,000.
37. Smith, J. P. 2005. TyraTech Repellent Evaluation Studies-VIII & IX, TyraTech, LLC. \$3,300.
38. Smith, J. P. 2004. Scotts Repellent Evaluation Study, The Scotts Company. \$5,000.
39. Smith, J. P. 2004. XLTG Repellent Evaluation Studies-III & IV, XL Tech Group, LLC. \$10,000.
40. Smith, J. P. 2004. Special Appropriation for Mosquito Control Research Infrastructure. FDACS, \$380,000.
41. Smith, J. P. 2004. FAMU - Okaloosa County Mosquito-borne Disease Surveillance, Okaloosa Co. Board of Commissioners, \$22,565.
42. Smith, J. P. 2004. FAMU - Santa Rosa County Mosquito-borne Disease Surveillance, Santa Rosa Co. Board of Commissioners, \$22,565.
43. Smith, J. P. 2004. FAMU - North Walton County Mosquito-borne Disease Surveillance, Walton Co. Board of Commissioners, \$22,565.
44. Smith, J. P. 2004. FAMU - South Walton County Mosquito-borne Disease Surveillance, South Walton County Mosquito Control District, \$8,253.
45. Smith, J. P. 2004. FAMU - Washington County Mosquito-borne Disease Surveillance, Washington Co. Health Dept., \$29,502.
46. Smith, J. P. 2004. XLTG Repellent Evaluation Study, XLTech Group, LLC, \$1,500.
47. Smith, J. P. 2004. Bio-Block Repellent Test, HOMS, LLC, \$5,000.
48. Smith, J. P. 2003. CitroLux Repellent Evaluation Study, CitroLux Corp., \$4,940.
49. Smith, J. P. 2003. Lewey's Eco-Blends Repellent Study, Lewey's Eco-Blends, Inc., \$4,630.
50. Smith, J. P. 2003. Lentek International Mosquito Trap Evaluation, Lentek International, Inc., \$5,200.
51. Smith, J. P. 2003. Efficacy of the American Biophysics Corporation Mosquito Magnet Trap for Control of Residential Mosquitoes. American Biophysics Corp., \$23,019.

52. Smith, J. P. 2003. American Biophysics Corporation Trap Comparison Study. American Biophysics Corp., \$14,672.
53. Smith, J. P. 2003. FAMU - Okaloosa County Mosquito-borne Disease Surveillance, Okaloosa Co. Board of Commissioners, \$18,325.
54. Smith, J. P. 2003. FAMU - Santa Rosa County Mosquito-borne Disease Surveillance, Santa Rosa Co. Board of Commissioners, \$18,325.
55. Smith, J. P. 2003. FAMU - North Walton County Mosquito-borne Disease Surveillance, Walton Co. Board of Commissioners, \$18,325.
56. Smith, J. P. 2003. FAMU - South Walton County Mosquito-borne Disease Surveillance, South Walton County Mosquito Control District, \$17,795.
57. Smith, J. P. 2003. FAMU - Washington County Mosquito-borne Disease Surveillance, Washington Co. Health Dept., \$18,325.
58. Smith, J. P. 2002. Dr. Homola's Repellent Evaluation, CitroLux Corp., \$4,000.
59. Smith, J. P. 2002. FAMU - Okaloosa County Mosquito-borne Disease Surveillance, Okaloosa Co. Board of Commissioners, \$11,726.
60. Smith, J. P. 2002. FAMU - Santa Rosa County Mosquito-borne Disease Surveillance, Santa Rosa Co. Board of Commissioners, \$11,726.
61. Smith, J. P. 2002. FAMU - North Walton County Mosquito-borne Disease Surveillance, Walton Co. Board of Commissioners, \$11,726.
62. Smith, J. P. 2002. FAMU - South Walton County Mosquito-borne Disease Surveillance, South Walton County Mosquito Control District, \$9,559.
63. Smith, J. P. 2002. FAMU - Washington County Mosquito-borne Disease Surveillance, Washington Co. Health Dept., \$11,726.
64. Smith, J. P. 2002. Evaluation of a Rapid Mosquito Test for West Nile Virus. Florida Dept. of Agriculture & Consumer Services. \$22,707.
65. Smith, J. P. 2002. Coleman Mosquito Trap Test. The Coleman Company, Inc., \$12,700.
66. Smith, J. P. 2002. American Biophysics Corporation Mosquito Trap Evaluation, American Biophysics Corp. \$11,816
67. Smith, J. P. 2002. Area Repellent Evaluation, Compliance Services International, \$8,000
68. 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
69. Smith, J. P., J. Petersen and T. F. Floore. 2001. Evaluation of BugOff! Mosquito Repellent Wrist Band; Chris Kanel-KAZ, Inc. \$4,545

70. 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
71. Smith, J. P., J. E. Cilek and J. Petersen. 2001. Community Service Outreach Grant. Florida A&M University. \$3,000
72. Petersen, J., T. G. Floore and J. P. Smith. 2001. Mosquito Repellent Evaluations. FL Dept. of Agriculture and Consumer Services. \$9,079
73. Smith, J. P., T. G. Floore and J. Petersen. 2000. Mosquito Repellent Study. Good HouseKeeping Institute, Inc. \$7,336
74. Smith, J. P. and J. Petersen. 2000. Community Service Grant. Florida A&M University. \$2,500
75. 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
76. Smith, J. P. and T. G. Floore. 1997. Georgia Flood Recovery Mosquito Species Collection. Troup County Georgia Board of Health. \$29,526
77. Smith, J. P. 1996. Ground ULV-BTI Field Evaluation and Demonstration Project. Florida Department of Agriculture and Consumer Services. \$14,426
78. Floore, T. G. and J. P. Smith. 1996. Evaluation of BVA Botanical Larvicide in Laboratory Pan Tests. BVA, Inc. \$3,603
79. Floore, T. G. and J. P. Smith. 1996. Evaluation of Microencapsulated B.t.i. in Laboratory Pan Tests. Clarke Mosquito Control Products. \$3,630
80. Floore, T. G. and J. P. Smith. 1996. Field Plot Bioassays of Altosid Sand Granules for Larval Mosquito Control. Sandoz, Corp. \$6,148
81. Smith, J. P. 1995-96. Arbovirus Surveillance in Flood-Disaster-Declared Counties of Panhandle Florida. Florida Department of Health and Rehabilitative Services. \$364,739
82. Floore, T. G. and J. P. Smith. 1995. Field Plot Bioassays of Altosid Pellets for Larval Mosquito Control. Sandoz, Corp. \$5,913
83. Floore, T. G. and J. P. Smith. 1995. BVA Botanical Larvicide Evaluation in Field Plots. BVA, Inc. \$3,850
84. Smith, J. P. 1994. Arbovirus Surveillance in Florida Disaster Areas Affected by Tropical Storm Alberto. Florida Department of Health and Rehabilitative Services. \$42,788

SELECT PROFESSIONAL & COMMUNITY SERVICE ACTIVITIES

2007: DoD SBIR grant reviewer.

2006: Invited committee member to conduct a review of Anastasia Mosquito Control District in St. Augustine, FL.

- 2004–Present: Elected to public office; 3rd 4-year term: Commissioner-Beach Mosquito Control District, Seat #3, Panama City Beach, 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 display collection for the Park visitor center.
- 2000– Present: Member of the Florida Department of Health, Florida Arbovirus Interagency Task Force on mosquito-borne disease surveillance and control
- 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.

NEWS MEDIA EXPERIENCE

- 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 AND HONORARY SOCIETY MEMBERSHIP

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