

CURRICULUM VITAE

Spring 2008

Jerry L. Cook

Associate Professor of Invertebrate Zoology and Interim Chair
Department of Biological Sciences
College of Arts and Sciences
Sam Houston State University
Huntsville, Texas 77341-2116
(936) 294-1538
E-mail: jcook@shsu.edu

Education

Bachelor of Science, Geology major, Chemistry minor, University of Southern Colorado, Pueblo, CO, 1986

Master of Science, Biology (advisor Scott J. Herrmann), University of Southern Colorado, Pueblo, CO, 1992

Doctor of Philosophy, Entomology (advisor Roger Gold), Texas A&M University, College Station, TX, 1996

Peer-Review Publications

Articles

Cook, J. L. 200_. New host association, distribution, and morphological variation in *Caenocholax fenyesi* (Strepsiptera: Myrmecoolacidae). *Entomological News*, *in review*.

Clopton, R. E., T. J. Cook, and **J. L. Cook**. 2008. *Trichurispora wellgundis* n. g., n. sp. (Apicomplexa: Eugregarinida: Hirmocystidae) parasitizing adult water scavenger beetles, *Tripisternus collaris* (Coleoptera: Hydrophilidae) in the Texas Big Thicket. *Comparative Parasitology*, 75(1): 82-91.

Realzola, E., **J. L. Cook**, T. J. Cook, and R. E. Clopton. 2007. Composition of gyrenid aggregations in the east Texas primitive Big Thicket. *Coleopterists Bulletin*, 61(4): 495-502.

Clopton, R. E., T. J. Cook, and **J. L. Cook**. 2007. Revision of *Geneiorhynchus* Schneider, 1875 (Apicomplexa: Eugregarinida: Actinocephalidae: Acanthosporinae) with recognition of four new species of *Geneiorhynchus* and description of *Geneiorhynchus manifestus* n. sp. parasitizing naiads of the green darner, *Anax junius* (Odonata: Aeshnidae) in the Texas Big Thicket. *Comparative Parasitology*, 74(2): 273-285.

Hays, J. J., R. E. Clopton, T. J. Cook, and **J. L. Cook**. 2007. Revision of the genus *Nubenocephalus* and description of *Nubenocephalus secundus* n. sp. (Apicomplexa: Actinocephalidae) parasitizing adults of *Argia sedula* (Odonata: Zygoptera: Coenagrionidae) in the primitive Texas Big Thicket, U.S.A. *Comparative Parasitology*, 74(2): 286-293.

- Nicolai, N., **J. L. Cook**, and F. E. Smeins. 2007. Interaction between grassland composition and season on seed preference by *Pogonomyrmex barbatus* (Hymenoptera, Myrmicinae) on the Edwards Plateau, Texas, U.S.A. *Environmental Entomology*, 36(2): 433-440.
- Cook, J. L.** 2007. Review of the genus *Mengenilla* Hofeneder 1910 (Strepsiptera: Mengenillidae), with description of a new species from Madagascar. *Proceedings of the Entomological Society of Washington* 109(1):223-239.
- Derr, D. P. and **J. L. Cook**. 2005. Morphology of the antennae of *Caenocholax fenyessi* Pierce (Strepsiptera: Myrmecolacidae) based on scanning electron microscopy. *Proceedings of the Entomological Society of Washington*, 107(4): 762-769.
- Reeves, W. K. and **J. L. Cook**. 2005. First record of *Triozocera vernalis* Kifune and Brailovsky (Strepsiptera: Corioxenidae) from the United States, with additional records for Strepsiptera in South Carolina. *Entomological News*, 116(3):191-192.
- Cook, J. L.**, L. A. Calcaterra, and L. Nuñez. 2004. First record of *Caenocholax fenyessi* (Strepsiptera: Myrmecolacidae) parasitizing *Solenopsis invicta* (Hymenoptera: Formicidae) in Argentina with a discussion on its distribution and host range. *Entomological News*, 115(2): 61-66.
- Puckett, R. T. and **J. L. Cook**. 2004. Physiological tolerance ranges of larval *Caenis latipennis* (Ephemeroptera: Caenidae) in response to fluctuations in dissolved oxygen concentration, pH, and temperature. *Texas Journal of Science*, 2: 123-130.
- Brain, M. S., **J. L. Cook**, and T. J. Cook. 2004. *Thelohania solenopsae* (Microsporidia) infection in *Solenopsis invicta* correlated with increased arthropod diversity. *Southwestern Entomologist*, 29(1): 77-79.
- Clopton, R. E., T. J. Cook, and **J. L. Cook**. 2004. *Naidocystis phykoterion* n. gen., n. sp. (Apicomplexa: Eugregarinida: Hirmocystidae) from the Mexican pygmy grasshopper *Paratettix mexicanus* (Orthoptera: Tetrigidae) in the Texas Big Thicket with recognition of three previously described members of *Naidocystis*. *Journal of Parasitology*, 90(2): 301-307.
- Cook, J. L.** 2003. Conservation and biodiversity in an area impacted by the red imported fire ant, *Solenopsis invicta* (Hymenoptera: Formicidae). *Biodiversity and Conservation*, 12(2): 187-195.
- Cook, J. L.** 2001. Evaluation of chemical management of fire ants. *Red Imported Fire Ant Management Applied Research and Demonstration Reports 1997-2001*: 69-74.
- Cook, J. L.** 2001. Release and attempts to document establishment of natural enemies of the red imported fire ant. *Red Imported Fire Ant Management Applied Research and Demonstration Reports 1997-2001*: 75-80.
- Cook, J. L.** 2001. Target-specific fire ant suppression for preservation of native species and non-target organisms such as the horned lizard. *Red Imported Fire Ant Management Applied Research and Demonstration Reports 1997-2001*: 81-90.

- Cook, J. L.** 2001. The strepsipteran genus *Corioxenos* (Strepsiptera: Corioxenidae). Proceedings of the Entomological Society of Washington, 103(2): 396-402.
- O'Keefe, S., **J. L. Cook**, T. Dudek, D. F. Wunneburger, M. D. Guzman, R. N. Coulson, and S. B. Vinson. 2000. Distribution of ants in Texas. Southwestern Entomologist, 22(supplement): 1-93.
- Cook, J. L.** 2000. Size relationship between adult male *Caenocholax fenyessi* (Strepsiptera: Myrmecolacidae) and its host, *Solenopsis invicta* (Hymenoptera: Formicidae). Texas Journal of Science, 52(2): 145-152.
- Summerlin, B., R. Gold, H. Howell, and **J. Cook**. 1999. Rate of knockdown for Deltamethrin (DTM) S and Deltamethrin (DTM) Aerosol against pest ants, 1997. Arthropod Management Tests, 24: J3, 1-2.
- Summerlin, B., R. Gold, and **J. Cook**. 1999. Field evaluation of Gard Star[®] (Permethrin 40% EC) on red imported fire ant (RIFA), 1995. Arthropod Management Tests, 24: J4, 1-2.
- Turner, C. R. and **J. L. Cook**. 1998. The ants (Hymenoptera: Formicidae) of the Caddo Lake region of northern Texas. The Texas Journal of Science, 50(2): 171-173.
- Cook, J. L.**, S. B. Vinson, and R. E. Gold. 1998. Developmental stages of *Caenocholax fenyessi* Pierce (Strepsiptera: Myrmecolacidae): Descriptions and significance to the higher taxonomy of Strepsiptera. International Journal of Insect Morphology and Embryology, 27(1): 21-26.
- Cook, J. L.**, J. S. Johnston, S. B. Vinson, and R. E. Gold. 1997. Distribution of *Caenocholax fenyessi* (Strepsiptera: Myrmecolacidae) and the habitats most likely to contain its stylopized host, *Solenopsis invicta* (Hymenoptera: Formicidae). Environmental Entomology, 26(6): 1258-1262.
- Cook, J. L.** and B. Mathison. 1997. A new *Xenos* species (Strepsiptera: Stylopidae), parasitizing *Polistes comanchus navajo* (Hymenoptera: Vespidae) from Arizona. Entomological News, 108(4): 245-252.
- Cook, J. L.** and S. J. Herrmann. 1997. New record of *Prostoma graecense* (Nemertea: Hoplonemertea) from Southern Colorado with observations on its feeding. Southwest. Nat., Southwestern Naturalist, 42: 162-169.
- Summerlin B., R. Gold, and **J. Cook**. 1996. Laboratory evaluation of two new formulations of Ascend[®] against the red imported fire ant, 1994. Arthropod Management Tests, 21: 388.
- Summerlin, B., R. Gold, H. Howell, and **J. Cook**. 1996. Field test to determine the feasibility of using microwave technology to control fire ants, 1994. Arthropod Management Tests, 21: 389.
- Summerlin, B., R. Gold, H. Howell, and **J. Cook**. 1996. Laboratory evaluations of five new formulations of Ascend PT370 (AI abemectin) against the red imported fire ant, 1993. Arthropod Management Tests, 21: 389-390.
- Cook, J. L.**, J. B. Martin, and R. E. Gold. 1994. First record of *Tapinoma melanocephalum* (Hymenoptera: Formicidae) in Texas. Southwest. Entomol., 19(4): 409-410.

Books and Book Chapters

- Cook, J. L.** 2000. Carpenter Ants and Ants: Ghost Ant. in R. E. Gold and S. Jones, eds. *The Handbook of Household and Structural Insect Pests*. Entomological Society of America Publications, 154 pp.
- Cook, T. J., **J. L. Cook**, and R. E. Gold. 1998. Termite Biology and Control. Texas Agriculture Station Publications, 177 pp.

Proceedings

- Cook, J. L.** and P. Powell. 1999. Integrated Pest Management of the red imported fire ant. Proceedings of the Integrated Training Area Management Workshop 1999.
- Cook, J. L.**, S. B. Vinson, and R. E. Gold. 1998. Parasitization of the red imported fire ant by *Caenocholax fenyessi*: host size selection and the utilization of alates. Proceedings of the 1998 Imported Fire Ant Conference, 1998: 140.
- Cook, J. L.**, S. B. Vinson, and R. E. Gold. 1997. Factors affecting the use of *Caenocholax fenyessi* as a biological control agent of *Solenopsis invicta*. Proceedings of the 1997 Imported Fire Ant Conference, 1997: 87-90.
- Cook, J. L.**, S. B. Vinson, and R. E. Gold. 1996. Systematics of North American Strepsisptera, with notes on the biology of *Caenocholax fenyessi*. XX International Congress of Entomology Proceedings, 1996: 40.
- Cook, J. L.**, R. E. Gold, and S. B. Vinson. 1996. The relationship between *Caenocholax fenyessi* (Strepsiptera: Myrmecolacidae) and its host *Solenopsis invicta* (Hymenoptera: Formicidae). Proceedings of the 1996 Imported Fire Ant Conference, 1996: 145-147.
- Cook, J. L.**, R. E. Gold, and S. B. Vinson. 1995. Prevalence of the strepsipteran, *Caenocholax fenyessi*, stylopizing *Solenopsis invicta* colonies in Brazos County, Texas. Proceedings of the 1995 Imported Fire Ant Conference, 1995: 96-101.

Research Monographs and Technical Reports

- Vinson, S. B., S. T. O'Keefe, and **J. L. Cook**. 2003. The common ant genera of Texas. Agricultural Communications, 41pp.
- O'Keefe, S. T., **J. L. Cook**, and S. B. Vinson. 1999. Texas fire ant identification: an illustrated key. Fire Ant Management Fact Sheet #013.
- Cook, J. L.** and B. M. Drees. 1998. Developing a community-wide red imported fire ant management program: selecting a strategy and contracting a commercial pest control service. Fire Ant Management Fact Sheet #001.

Cook, J. L., B. M. Drees, M. E. Merchant, and R. E. Gold. 1998. Community pest control operator involvement in community-wide fire ant management programs. Fire Ant Management Fact Sheet #002.

Cook, J. L. and B. M. Drees. 1998. Texas Pest ant identification: an illustrated key. Fire Ant Management Fact Sheet #010.

Stevenson, D. E., P. Baumann, and J. A. Jackman (written under contract by **J. L. Cook**). 1997. Pesticide properties that affect water quality. Texas Agricultural Extension Service, B-6050.

Funded External Grants

Big Thicket Association. Arthropod Biodiversity Survey. 2007. \$7,000.

Whitmire Micro-Gen. Efficacy of a Dinotefuran ant gel bait against the Argentine and Pavement ants. 2007. \$4,000.

Whitmire Micro-Gen. Efficacy of an experimental bait against pest ant species. 2007. \$5,000.

Whitmire Micro-Gen. Efficacy of Three Concentrations of Gel Baits with Dinotefuran Against the Argentine Ant in Laboratory Experiments. 2006. \$4000.

BASF. Evaluation of the efficacy of a metaflumizone ant bait against the red imported fire ant, *Solenopsis invicta*. 2006. \$8,000.

National Forest Service. Short-term impacts of prescribed fire and wildlife on populations of the red imported fire ants in loblolly pine ecosystems. 2006. \$14,000.

Texas Army National Guard, Environmental Resources Management Branch. Management and Monitoring of *Pogonomyrmex comanche* at Camp Swift and Camp Maxey, Texas; and Continued Monitoring of Phorid Flies for the Control of Fire Ants at Camp Maxey. 2006-2007. \$25,000.

BASF. Evaluation of the efficacy of a new ant bait, with a novel active ingredient, against the red imported fire ant, *Solenopsis invicta* in field applications. 2006. \$10,000.

Whitmire Micro-Gen. Evaluation of new aerosol spray insecticides to control pest ant species. 2006. \$4,000.

Moody Gardens. Native Butterfly Captive Breeding Program. 2006. \$1920.00.

Whitmire Micro-Gen. Unrestricted Grant to the Research Program of Jerry Cook. 2005. \$5,000.

Whitmire Micro-Gen. Efficacy and Comparison of Bait Formulations in Controlling *Solenopsis invicta* and *Monomorium pharaonis*. 2005. \$14,000.

National Science Foundation. ROA supplement to RUI Collaborative Research: Microbial Survey and

Inventory of gregarines parasitizing aquatic and riparian insects of the Texas Big Thicket. 2004-2007. \$24,172.00.

BASF. Evaluation of the efficacy of a new ant bait, with a novel active ingredient, against the red imported fire ant, *Solenopsis invicta*. 2005. \$8,000.

Moody Gardens. Native Butterfly Captive Breeding Program. 2005. \$6675.00.

National Forest Service. Short-term impacts of prescribed fire and wildlife on populations of the red imported fire ants in loblolly pine ecosystems. 2003-2005. \$14,000.

Texas Army National Guard, Environmental Resources Management Branch. Management of *Pogonomyrmex comanche* at Camp Swift, Texas. 2005-2006. \$40,000.

Texas Army National Guard, Environmental Resources Management Branch. Release and attempt to establish Natural Enemies of the Red Imported Fire Ant. 2004-2006. \$100,000.

Whitmire Micro-Gen. Unrestricted Grant to the Research Program of Jerry Cook. 2004. \$5,000.

Moody Gardens. Native Butterfly Captive Breeding Program. 2004. \$3654.00.

Federal Appropriation of the Department of Homeland Security. Detection, testing, mapping and movement of carriers of deadly disease: disease vector studies along the US-Mexico border and their potential threat to Homeland Security. 2004-2005. \$257,000.

National Science Foundation. RUI Collaborative Research: Microbial Survey and Inventory of gregarines parasitizing aquatic and riparian insects of the Texas Big Thicket. 2004-2007. \$232,584.

BASF. Transfer of Materials Between Individual Ants Within a Colony. 2004-2005. \$20,000.

Moody Gardens. Beneficial Insect Research at Moody Gardens. 2004. \$5,000.

Whitmire Micro-Gen. Unrestricted Grant to the Research Program of Jerry Cook. 2004. \$5,000.

Whitmire Micro-Gen. Efficacy of a Four Formulations of Boric Acid Bait and a Dual Choice Ant Bait. 2004. \$5,000.

Whitmire Micro-Gen. Unrestricted Grant to the Research Program of Jerry Cook. 2003. \$5,000.

Castor Oil Incorporated. Activity of Castor Oil Products for Control of the Red Imported Fire Ant, *Solenopsis invicta*. 2003. \$12,000.

Moody Gardens. Biological control of pests in an enclosed environment. 2003. \$5,000.

Texas Army National Guard, Environmental Resources Management Branch. Selective Application of Chemical Baits for the Management of *Solenopsis invicta* at TXARNG Training Sites. 2003-2004. \$22,000.

Texas Army National Guard, Environmental Resources Management Branch. Management of *Pogonomyrmex comanche* at Camp Swift, Texas. 2003-2004. \$20,000.

National Forest Service. Short-term impacts of prescribed fire and wildlife on populations of the red imported fire ants in loblolly pine ecosystems. 2003-2005. \$18,000.

Whitmire Micro-Gen. Efficacy testing of red imported fire ant bait formulations containing spinosad and methoprene. 2003, \$5,000.

BASF Professional Pest Control. Evaluation of Termidor SC for the Control of Nuisance Ant Species. 2003. \$5,000.

City of Huntsville. Mosquito surveillance for West Nile Virus (with Diane Neudorf). 2003. \$805.

Texas Army National Guard, Environmental Resources Management Branch. Chemical Control of Red Imported Fire Ants at TXARNG Training Sites. 2003. \$10,000.

Whitmire Micro-Gen. 2003. Unrestricted Grant to the Research Program of Jerry Cook. \$5,000.

Houston Museum of Natural Science. Entomology Collections Management. 2003. \$1,907.

Texas Excellence Fund. Aquatic Insects and their Cephaline Gregarines (Protista: Apicomplexa) Parasites in the Big Thicket Region of East Texas (with T. J. Cook). 2003. \$20,000.

Wellmark International. Determination of Efficacy of a Cockroach Bait Against Two Pest Ant Species. 2002. \$3,000.

Wellmark International. Determination of Efficacy of a Two Active Ingredient Baits Against Common Household Pest Ant Species. 2002. \$8,000.

Texas Army National Guard, Environmental Resources Management Branch. Selective Application of Chemical Baits for the Management of *Solenopsis invicta* at TXARNG Training Sites. 2002-2003. \$30,000.

Texas Army National Guard, Environmental Resources Management Branch. Management of *Pogonomyrmex comanche* at Camp Swift, Texas. 2002-2003. \$20,000.

Whitmire-Micro-Gen. Evaluation of liquid baits for control of *Tetramorium bicarinatum*. 2002. \$2,000.

Texas Excellence Fund. Aquatic Insects and their Cephaline Gregarines (Protista: Apicomplexa) Parasites in the Big Thicket Region of East Texas (with T. J. Cook). 2002. \$20,000.

Texas Army National Guard, Environmental Resources Management Branch. The Distributional Status and Prey Base of the Texas Horned Lizard (*Phrynosoma cornutum*) on Camp Bowie, Brown County, Texas. 2002. \$6,395.

PathBug, Ltd. Evaluation of new baits for the control of pest ants. 2001. \$2125.

Texas Army National Guard, Environmental Resources Management Branch. Selective Application of Chemical Baits for the Management of *Solenopsis invicta* at TXARNG Training Sites. 2001-2002. \$30,000.

Texas Army National Guard, Environmental Resources Management Branch. Management of *Pogonomyrmex comanche* at Camp Swift, Texas. 2001-2002. \$20,000.

Moody Gardens. Biological control of pests in an enclosed environment. 2001. \$5,000.

Whitmire-Micro-Gen. Efficacy Testing of a New Experimental Ant Bait to Control Sweet Feeding Ants. 2001. \$2,000.

Wellmark International. Determination of the Efficacy of Methoprene and Boric Acid Baits for Sweet Feeding Ants. 2001. \$1,500.

Texas Army National Guard, Environmental Resources Management Branch. Application of Phorid Flies in the Management of *Solenopsis invicta* at TXARNG Training Sites. 2000-2001. \$60,000.

Texas Army National Guard, Environmental Resources Management Branch. Selective Application of Chemical Baits for the Management of *Solenopsis invicta* at TXARNG Training Sites. 2000-2001. \$20,000.

Whitmire-Micro-Gen. Protein/Lipid Ant Bait Base Attractancy. 2000. \$3,000.

Wellmark International. Determination of efficacy of Methoprene Baits Against *Tapinoma melanocephalum* (Fabricius) and *Monomorium minimum* (Linnaeus). 2000. \$1,500.

Moody Gardens. Biological control of pests in an enclosed environment. 1999-2000. \$5,000.

Texas Army National Guard, Environmental Resources Management Branch. Release and attempt to establish natural enemies of the red imported fire ant. 1999-2000, \$60,000.

Texas Army National Guard, Environmental Resources Management Branch. Target-specific fire ant suppression for preservation of native species and non-target organisms such as the horned lizard. 1999-2000, \$20,000.

Moody Gardens. Biological control of pests in an enclosed environment. 1998-1999, \$30,000.

Texas Army National Guard, Environmental Resources Management Branch. 1998-1999; \$90,000.

Premium Compound Products and AGREVO Environmental Health. Efficacy of pyrethroid impregnated nursery containers as an imported fire ant quarantine treatment for containerized nursery stock (with R. E. Gold). 1999; \$13,000.

Orkin Pest Control. Correspondence school in termite biology and control (With T. J. Cook and R. E. Gold), 1999; \$100,000.

AGREVO Environmental Health. Efficacy of Deltamethrin Granules in the suppression of red imported fire ant colonies (with R. E. Gold). 1998; \$2,000.

Whitmire Micro-Gen. Evaluation of efficacy of a boric acid bait in an experimental bait station (With R. E. Gold), 1998; \$3,000.

Whitmire Micro-Gen. Efficacy of a new carpenter ant bait (With R. E. Gold), 1998; \$2,000.

Orkin Pest Control. Correspondence school in termite biology and control (With T. J. Cook and R. E. Gold), 1998; \$410,000.

Moody Gardens. Biological control of pests in an enclosed environment. 1997-1998, \$30,000.

Whitmire Micro-Gen Research Laboratories, Inc. Laboratory evaluation of the efficacy of liquid baits against Pharaoh ants and assessments of the attractancy of granular and gel baits to pest ants in Moody Gardens Conservatory, Galveston, Texas (with R. E. Gold and B. Summerlin), 1997; 2,500.

Orkin Pest Control. Development of text and workbook of termite biology and control (with T. J. Cook and R. E. Gold), 1997; \$50,000.

Hilton Head Laboratories. Evaluation of experimental bait HHL #244-1 (with R. E. Gold and J. W. Summerlin), 1997; \$3,000.

Entomological Society of America Competitive Travel Grant. Travel to the XX International Congress of Entomology, Florence Italy. Aug. 25-31, 1996; \$2,475.

Peer-Review Presentations/Posters

Cook, J. L. 2007. National Science Foundation Trends. Entomology Collections Hernandez, D. and **J. L. Cook**. 2007. Biology and Distribution of the Family Pleidae. Big Thicket Science Conference. Beaumont, TX March 22-25.

Realzola, E. and **J. L. Cook**. 2007. Study on the Aggregation Behavior in the Family Gyrinidae. Big Thicket Science Conference. Beaumont, TX March 22-25.

Hernandez, D. and **J. L. Cook**. 2006. Biodiversity of Hemipterans of the Texas Big Thicket. Southwestern Association of Naturalists. Colima, Mexico, April 13-16.

- Cook, J. L.** 2006. Entomology at Sam Houston State University, from grasshoppers and mosquitoes to ants, butterflies, and aquatic insects. Southwestern Branch of the Entomological Society of America and Southwestern Entomological Society (joint meeting). Austin, TX March 6-8 .
- Wendler, K. and **J. L. Cook**. 2006. Developmental studies of the green bottle fly, *Phaenicia coeruleivirdis* (Diptera, Calliphoridae). American Academy of Forensic Sciences. Seattle, WA., Feb. 14-18.
- Cook, J. L.** 2005. Hyperdiversity of velvet ant (Hymenoptera: Mutillidae) species at Camp Swift, Bastrop Co., Texas. Southwestern Association of Naturalists. Huntsville, TX.
- Nicolain, N. F. Smeins, **J. L. Cook**, and L. Koenig. 2005. Do harvester ants facilitate rangeland recovery following drought? **Society for Range Management**. Fort Worth, TX.
- Cook, J. L.** and D. Derr. 2004. Antennal morphology of *Caenocholax fenyasi* (Strepsiptera: Myrmecolacidae) based on scanning electron microscopy. Entomological Society of America. Salt Lake City, UT.
- Pace, H. P., Wunch, K. G., **J. L. Cook**, and M. F. Plishker. 2004. Extracellular enzymes of white rot fungi. American Chemical Society Southwest Regional Meeting. Fort Worth.
- Cook, J. L.** 2004. Inhabitants of the leaf-litter habitat within the forests of East Texas. East Texas Forest Entomology Seminar. Nachedoces, TX.
- Cook, J. L.** 2004. Nest maintenance of two sympatric species of *Pogonomyrmex* harvester ants (Hymenoptera: Formicidae): consequences of nesting in deep sands. Southwestern Association of Naturalists. San Antonio, TX.
- Cook, T. J., **J. L. Cook**, and R. E. Clopton. 2004. Eugregarine parasites of aquatic and riparian insects of the Big Thicket. Southwestern Association of Naturalists. San Antonio, TX.
- Lowery, B. and **J. L. Cook**. 2004. Morphological Characteristics of *Corydalus* sp. in Texas. Tri-Beta Conference. Lake Texoma, OK.
- Copeland, J., K. Wunch, **J. L. Cook**, and M. F. Plishker. 2004. The Ability of white rot fungi to attract subterranean termites. Tri-Beta Conference. Lake Texoma, OK.
- Cook, J. L.** 2003. Distribution of the harvester ant *Pogonomyrmex comanche* on a geographical and regional scale. Entomological Society of America. Cincinnati, OH.
- Lynch, L. and **J. L. Cook**. 2003. Daily activity and temperature tolerance of *Dasymutilla* spp. (Hymenoptera: Mutillidae). Entomological Society of America. Cincinnati, OH.
- Layton, M. and **J. L. Cook**. 2003. The ecology and life history of Mutillidae (Hymenoptera) species found in central Texas. Entomological Society of America. Cincinnati, OH.
- Cook, J. C.** 2003. Preliminary Survey of Leaf-Litter Ant Diversity in the Big Thicket Region of east Texas. Big Thicket Conference. Beaumont, TX.

- Cook, T. J. and **J. L. Cook**. 2003. Eugregarine parasites of aquatic and riparian insects of the Big Thicket. Big Thicket Conference. Beaumont, TX.
- Cook, J. L.** 2003. Change in native and diversity by an invasive ant: how different levels of *Solenopsis invicta* affect ant communities. Southwestern Association of Naturalists. Norman, OK.
- Puckett, R. and **J. L. Cook**. 2003. Bioassessment potential and water quality tolerance thresholds of larval Ephemeroptera in four southeast Texas streams. Texas Academy of Science. Nachedoces, TX.
- Puckett, R. and **J. L. Cook**. 2002. Survey of bioassessment potential of mayfly Ephemeroptera) assemblages of four Southeast Texas streams. Entomological Society of America. Fort Lauderdale, FL.
- Cook, J. L.** 2002. Task allocation of *Pogonomyrmex comanche* workers. Entomological Society of America. Fort Lauderdale, FL.
- Harrison, D. J. and **J. L. Cook**. 2002. A phylogenetic investigation of cuticular hydrocarbons in Texas harvester ants (*Pogonomyrmex* spp.) Entomological Society of America. Fort Lauderdale, FL.
- Cook, J. L.** 2002. Resource partitioning by two species of harvester ants (*Pogonomyrmex*: Formicidae: Hymenoptera) in central Texas. Southwestern Association of Naturalists. Cuernavaca, Mexico.
- Cook, J. L.** 2002. Conservation of biodiversity in an area impacted by the red imported fire ant, *Solenopsis invicta* (Hymenoptera: Formicidae). Texas Academy of Science. Laredo, Texas.
- Cook, J. L.** 2001. Larval Development of the Twisted Wing Parasites (Hexapoda: Strepsiptera). Southwestern Association of Parasitologists. University of Oklahoma Biological Field Station.
- Cook, J. L., S. O'Keefe, and S. B. Vinson.** 2001. Texas Native Ants: Identification and Distribution. Annual Imported Fire Ant Research Conference. San Antonio, Texas.
- Cook, T. J. and **J. L. Cook**. 2000. *Thelohania solenopsae* (Microsporida: Thelohaniidae) impact on imported fire ant populations at two locations in Texas Society for Invertebrate Pathology. Guanajuato, Mexico.
- Cook, J. L.** 2000. Fort Meade, Maryland. Web Based Training: Invasive Alien Species on Military Land. Non-Indigenous Species in the Mid-Altlatlc States. Fort Meade, Maryland.
- Porter, S. D., **Cook, J. L.**, et al. 1999. Successful establishment of fire ant decapitating flies in the United States. Entomological Society of America. Atlanta, Georgia.
- Cook, J. L.** 1999. Integrated pest management of the red imported fire ant. Integrated Pest Management Workshop, St. Cloud, Minnesota
- Cook, J. L.** and J. B. Martin. 1998. Seasonal change in the leaf litter ant community in the Big Thicket, Texas. Entomological Society of America, Las Vegas, Nevada

- Cook, J. L.** 1998. Parasitization of the red imported fire ant by *Caenocholax fenyesei*: host size selection and the utilization of alates. Imported Fire Ant Conference, Hot Springs, Arkansas
- Cook, J. L.** 1998. Biological Control in a Protected Landscape. American Zoological Horticulturists, Galveston, Texas
- Cook, J. L.** 1997. Size relationship between adult male *Caenocholax fenyesei* (Strepsipera) and its host, *Solenopsis invicta* (Hymenoptera: Formicidae). Entomological Society of America, Nashville, Tennessee.
- Cook, J. L.** 1997. Factors affecting the use of *Caenocholax fenyesei* as a biological control agent of *Solenopsis invicta*. Imported Fire Ant Conference, Gainseville, Florida
- Cook, J. L.** 1996. Systematics of North American Strepsiptera, with notes on the biology of *Caenocholax fenyesei*. XX International Congress of Entomology, Florence, Italy Strepsiptera Symposium (invited talk).
- Cook, J. L.** and R. E. Gold. 1996. The Relationship Between *Caenocholax fenyesei* (Strepsiptera: Myrmecolacidae) and its host *Solenopsis invicta*. Imported Fire Ant Conference, New Orleans, Louisiana.
- Cook, J. L.** and R. E. Gold. 1995. Investigation of the relationship of *Caenocholax fenyesei* and *Solenopsis invicta* and its biological control potential. Entomological Society of America, Las Vegas, Nevada
- Cook, J. L.** and R. E. Gold. 1995. Prevalence of the Strepsipteran, *Caenocholax fenyesei*, stylopizing *Solenopsis invicta* colonies in Brazos County, Texas Imported Fire Ant Conference, San Antonio, Texas
- Cook, J. L.** and R. E. Gold. 1994. Behavioral effect on *Solenopsis invicta* Buren caused by a strepsipteran parasite, *Caenocholax fenyesei* Pierce. Entomological Society of America, Dallas, Texas
- Cook, J. L.** 1992. The ecology of a freshwater nemertean, *Prostoma graecense*. Colorado and Wyoming Academy of Science, Air Force Academy, CO

Work or Professional Experiences

- 2008 - Interim Chair, Department of Biological Sciences, Sam Houston State University, Huntsville, Texas
- 2007 – 2008 Program Director, National Science Foundation, Arlington, Virginia
- 2007 – 2008 Research Associate, Smithsonian Institution, Washington, D. C.
- 2005 – present Associate Professor, Department of Biological Sciences, Sam Houston State University Huntsville, Texas
- 2003- present Adjunct Graduate Faculty, Texas A&M University, College Station, Texas

- 2002 - 2007 Adjunct Curator, Houston Museum of Natural Science, Houston, Texas
- 2000 – 2005 Assistant Professor, Department of Biological Sciences, Sam Houston State University, Huntsville, Texas
- 1999 – 2000 Visiting Assistant Professor, Department of Biological Sciences, Sam Houston State University, Huntsville, Texas
- 1997 - 1999 Assistant Research Scientist, Department of Entomology, Texas A&M University, College Station, Texas
- 1998 Instructor, Texas A&M University, College Station, Texas
- 1997 - 1999 Instructor, Department of Natural Science, Blinn College, Bryan, TX 77802
- 1996 - 1997 Post Doctoral Research Associate, Department of Entomology, Texas A&M University, College Station, Texas
- 1992-1996 Graduate Research Assistant, Department of Entomology, Texas A & M University, College Station, Texas

Honors and Awards

- 2006- President, Big Thicket All Taxa Biological Inventory
- 2005- Associate Editor for Invertebrates, *The Southwestern Naturalist*
- 2005- Secretary/Treasurer, Southwestern Association of Parasitologists
- 2005-2006 Faculty Senate, Sam Houston State University
- 2005- Academic Director, Texas Academy of Science
- 2004 Special Recognition Award, College of Arts and Sciences, Sam Houston State University
- 2004 Who's Who Among America's Teachers, nominated by student
- 2003-2005 Chair, Terrestrial Ecology Section, Texas Academy of Science
- 2002 Steering Committee for the Houston Museum of Natural Science
- 2001 Special Recognition Award, College of Arts and Sciences, Sam Houston State University
- 1998 Fred Dahmer Award, Caddo Lake Institute, Karnack, Texas

- 1996 Invited Speaker, Strepsiptera Symposium, XX International Congress of Entomology, Florence, Italy
- 1996 Presidents Prize for Student Papers, Entomological Society of America, Las Vegas, Nevada

Professional Affiliations

American Entomological Society
American Microscopical Society
American Society of Ichthyologists and Herpetologists
Big Thicket Association
Coleopterists Society
Dragonfly Society of the Americas
Entomological Society of America
Entomological Society of Washington
Entomology Collections Network
International Society of Hymenopterists
Kansas Entomological Society
New York Entomological Society
North American Odonatological Society
Orthopterists Society
Society of Systematic Biologists
Sigma Xi
Southeastern Association of Naturalists
Southwestern Association of Naturalists
Southwestern Association of Parasitologists
Southwestern Entomological Society
Texas Academy of Science