

**Charles Pyung-Chul Suh**  
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### **Education**

Ph.D., Entomology; minor in Crop Science, North Carolina State University, 1999  
M.S., Entomology; minor in Interdisciplinary Studies, North Carolina State University, 1993  
B.A., Biology, University of North Carolina at Chapel Hill, 1990

### **Research Experience**

2000-present, Research Entomologist, USDA-ARS, College Station, TX  
1999-2000, Research Associate, USDA-ARS, College Station, TX  
1994-1999, Graduate Research Assistant, North Carolina State University, Raleigh, NC  
1994, Research Assistant, North Carolina State University, Raleigh, NC  
1990-1993, Graduate Research Assistant, North Carolina State University, Raleigh, NC

### **Assigned Responsibility at USDA-ARS:**

Incumbent is a Research Entomologist with the Insect Control and Cotton Disease Research Unit, Southern Plains Agricultural Research Center, College Station, Texas. The Unit's mission is to develop, evaluate, and integrate biologically- and ecologically-based technologies and strategies for the areawide management of boll weevils, bollworms, cotton fleahoppers, stink bugs, and other field crop insect pests; and to develop new strategies and technologies for managing diseases and nematodes that attack cotton. Incumbent is responsible for developing information and technology to enhance boll weevil eradication and management of post-eradication insect pests of cotton. Specifically, incumbent develops novel or refines existing sampling technologies for insect pests, defines physiological and biological parameters associated with pheromone production and overwinter survival of boll weevils, and develops control technologies and methodologies for advancing boll weevil eradication and management of post-eradication pests. Incumbent serves as a member of the International Technical Advisory Committee to the National Cotton Council and as a member of the Technical Advisory Committee to the Texas Boll Weevil Eradication Foundation, and is responsible for identifying research priorities, initiating research programs, establishing research agreements, and maintaining liaisons with State and Federal agencies, and Boll Weevil Eradication Programs.

### **Awarded Grants**

- Relative abundance and population genomics of cotton fleahoppers in cotton and weed hosts, Monsanto Company, 2015-2017, \$60K (PI)
- Influence of (+)- to (-)-Gossypol Ratio on Insect Pest Abundance and Feeding Damage, Cotton Inc., 2015-2016, \$46K (PI)

- Using Next Generation DNA Sequencing Techniques to Determine Geographic Sources of Potential Boll Weevil Reinfestations in the United States, USDA-APHIS, 2015, \$5K (PI)
- Establishing genetic markers to differentiate geographically-distinct boll weevil population, Cotton Foundation, 2015-2016, \$10K (PI)
- Monitoring *Heliothis virescens* and *Helicoverpa zea* Populations for *Bt* Resistance, Monsanto Company, 2014-2016, \$30K (PI)
- Monitoring *Bt*-resistance in *Heliothis virescens* and *Helicoverpa zea* Populations, Bayer CropScience, 2014-2015, \$10K (PI)
- Remote Sensing of Volunteer and Regrowth Cotton Plants, Cotton Inc., 2013-2015, \$33K (PI).
- Lure Formulation for Green Stink Bug, Trece, Inc., 2013-2015, \$5K (CRADA, Co-PI)
- Identification of Plant Compounds to Enhance Attraction of Stink Bugs to Traps, Cotton Inc., 2013-2014, \$9K (PI).
- Ecologically Based Management of Boll Weevils and Other Row Crop Pests Under Transition to Boll Weevil Eradication in Temperate Regions, Scentry Biologicals, Inc., 2012-2015, \$5.5K (CRADA, PI).
- Monitoring Field Populations of Cotton Bollworms and Tobacco Budworms for *Bt* Resistance, Bayer CropScience, 2013, \$5K (PI).
- Field Collections of *Heliothis virescens* and *Helicoverpa zea* for Monitoring *Bt* Resistance, Monsanto Company, 2012-2013, \$20K (PI).
- Locating Volunteer and Re-growth Cotton Using Airborne Multispectral Imagery, Cotton Foundation, 2011-2012, \$20K (Co-PI).
- Improving Detection of Boll Weevil Populations and Volunteer Cotton Plants, Cotton, Inc., 2010-2012, \$41K (PI).
- Evaluation of a New Pheromone Lure for Boll Weevils, 2010, USDA-APHIS \$5K (PI).
- Investigations into the Movement and Management of Cotton Fleahopper, Texas State Support Committee, 2007-2010, \$127K (Co-PI).
- Potential of Using Multispectral Imaging Technology to Detect Re-growth and Volunteer Plants, Cotton Inc., 2009, \$8K (PI).
- Population Dynamics and Within Plant Distribution of Cotton Fleahoppers in Cotton, Cotton Inc., 2007-2008, \$15K (PI).
- Sampling Efficiency of the Keep-It-Simple-Sampler and Cotton Fleahopper Population Dynamics in Cotton, Cotton Inc., 2005-2006, \$18K (PI).
- Development of a Monitoring System to Detect Early-season Migration of Cotton Fleahoppers into Cotton Fields, Cotton Inc., 2002-2004, \$24K (PI).
- Seasonal Characterization of Field- and Trap-captured Boll Weevils, Cotton Inc., 2001, \$12K (PI).

### **Office and Committee Assignments**

- USDA-ARS, Southern Plains Agricultural Research Center Safety Committee, 2015-present
- Texas A&M Graduate Faculty Member, Department of Entomology, 2015-present
- Membership Committee (Plant-Insect Ecosystems Representative), Entomological Society of America, 2013-2015
- International Technical Advisory Committee to the National Cotton Council, 2011-present

- Technical Advisory Committee to the Texas Boll Weevil Eradication Foundation, 2009-present
- Chair, M.S. and Ph.D. Student Oral Presentation Competition, Beltwide Cotton Conferences, 2013
- Membership Committee, 2009-2013; Southwestern Branch, Entomological Society of America
- Nominated, President-elect, 2009 (declined due to other major commitments)
- Co-chair, Plant Bug Symposium, SWESA Branch Meeting, 2006
- Student Paper and Poster Presentation Award Committee, 2002

### **Graduate Student Committee Assignments**

- Cody Gale, Ph.D., Texas A&M University, 2015-present
- Apurba Barman, Ph.D., Texas A&M University, 2008-2011

### **Peer-Reviewed Journal Articles**

**Suh, C. P.-C.**, Perez, J., Berg, A., and Westbrook, J. K. Quantification of dichlorvos released from kill strips used in boll weevil eradication programs. *Journal of Cotton Science* (in press).

Westbrook, J. K., Eyster, R., Yang, C., and **Suh, C. P.-C.** Airborne multispectral identification of individual cotton plants using consumer-grade cameras. *Remote Sensing Applications: Society and Environment* (in press).

Westbrook, J. K., **Suh, C. P.-C.**, Yang, C., and Eyster, R. 2015. Airborne multispectral detection of regrowth cotton fields. *J. Appl. Remote Sens.* 9(1), 096081 (Feb 17, 2015). doi:10.1117/1.JRS.9.096081.

**Suh, C. P.-C.**, Medrano, E. G. and Lan, Y. 2014. Using an electronic nose to detect cotton boll rot. *J. Cotton Sci.* 18: 435-443.

Yang, C., Westbrook, J. K., **Suh, C. P.-C.**, Martin, D. E., Hoffmann, W. C., Lan, Y., Fritz, B. K. and Goolsby, J. A. 2014. An airborne multispectral imaging system based on two consumer-grade cameras for agricultural remote sensing. *Remote Sens.* 6: 5257-5278.

**Suh, C. P.-C.**, Westbrook, J. K. and Esquivel, J. F. 2013. Species of stink bugs in cotton and other row crops in Brazos River Bottom of Texas. *Southwest. Entomol.* 38: 561-569.

**Suh, C. P.-C.** and Westbrook, J. K. 2013. Failure of pheromone traps in detecting incipient populations of boll weevils (Coleoptera: Curculionidae): Investigation of two potential contributing factors. *J. Entomol. Sci.* 49: 211-214.

**Suh, C. P.-C.**, Westbrook, J. K., Boratynski, T. N., Rios, P. C., Armstrong, J. S., Escarcega, J. A. and Ruelas, C. C. 2013. Evaluation of a new formulation of grandlure for the boll weevil (Coleoptera: Curculionidae). *J. Entomol. Sci.* 48: 75-78.

- Zhang, H., Lan, Y., **Suh, C. P.-C.**, Westbrook, J., Hoffmann, C., Yang, C., and Huang, Y. 2013. Fusion of remotely sensed data from airborne and ground-based sensors to enhance detection of cotton plants. *Comput. Electron. Agric.* 93: 55-59.
- Barman, A. K., Parajulee, M. N., Sansone, C. G., **Suh, C. P.** and Medina, R. F. 2012. Geographic pattern of host-associated differentiation in *Pseudatomoscelis seriatus* (Reuter). *Entomol. Exp. App.* 43: 31-41.
- Predel, R., Russell, W. K., Russell, D. H., **Suh, C. P.** and Nachman, R. J. 2012. Neuropeptides of the cotton fleahopper, *Pseudatomoscelis seriatus* (Reuter). *Peptides* 34: 39-43.
- Zhang, H., Lan, Y., **Suh, C. P.**, Westbrook, J. K., Lacey, R. and Hoffmann, W. C. 2012. Differentiation of cotton from other crops at different growth stages using spectral properties and discriminant analysis. *Trans. ASABE* 55: 1-8.
- Suh, C. P.-C.** and Westbrook, J. K. 2011. Attraction of milkweed stem weevils, *Rhyssomatus* spp. (Coleoptera: Curculionidae), to grandlure. *Southwest. Entomol.* 36: 375-376.
- Suh, C. P.-C.** and Westbrook, J. K. 2011. Influence of an insect rearing tent on cotton development and canopy temperature. *J. Entomol. Sci.* 46: 165-168.
- Suh, C. P.-C.**, Ding, N. and Lan, Y. 2011. Using an electronic nose to rapidly assess grandlure content in boll weevil pheromone lures. *J. Bionic Eng.* 8: 449-454.
- Suh, C. P.-C.** and Westbrook, J. K. 2010. Relationship between population estimates of cotton fleahoppers (Hemiptera: Miridae) obtained by terminal and whole plant examinations. *J. Entomol. Sci.* 45: 204-210.
- Spurgeon, D. W. and **Suh, C. P.-C.** 2009. Pheromone production by the boll weevil (Coleoptera: Curculionidae) fed cotton squares and bolls. *J. Entomol. Sci.* 44:209-221.
- Suh, C. P.-C.**, Armstrong, J. S., Spurgeon, D. W. and Duke, S. 2009. Comparisons of boll weevil (Coleoptera: Curculionidae) pheromone traps with and without kill strips. *J. Econ. Entomol.* 102: 183-186.
- Suh, C. P.-C.** 2008. Relative collection efficiency of the Keep-It-Simple-Sampler for cotton fleahoppers (Hemiptera: Miridae) in cotton. *J. Entomol. Sci.* 43: 431-434.
- Spurgeon, D. W. and **Suh, C. P.-C.** 2007. Diel patterns of pheromone production in the boll weevil (Coleoptera: Curculionidae). *J. Entomol. Sci.* 42: 250-260.
- Suh, C. P.-C.** 2007. Head capsule widths of nymphal instars of the cotton fleahopper. *Southwest. Entomol.* 32: 127-130.

- Suh, C. P.-C.** and Spurgeon, D. W. 2007. Supercooling in the adult boll weevil (Coleoptera: Curculionidae) relative to physiological condition and diet. *J. Entomol. Sci.* 42: 320-328.
- Armstrong, J. S., Spurgeon, D. W. and **Suh, C. P.-C.** 2006. Comparisons of standard and extended-life boll weevil (Coleoptera: Curculionidae) pheromone lures. *J. Econ. Entomol.* 99: 323-330.
- Suh, C. P.-C.** and Spurgeon, D. W. 2006. Host-free survival of boll weevils (Coleoptera: Curculionidae) previously fed vegetative-stage regrowth cotton. *J. Entomol. Sci.* 41: 277-284.
- Esquivel, J. F., Spurgeon, D. W. and **Suh, C. P.-C.** 2004. Longevity of overwintered boll weevils (Coleoptera: Curculionidae) on pre-fruiting cotton. *J. Cotton Sci.* 8: 13-16.
- Spurgeon, D. W., Esquivel, J. F. and **Suh, C. P.-C.** 2004. Population patterns of Mexican corn rootworm (Coleoptera: Chrysomelidae) adults indicated by different sampling methods. *J. Econ. Entomol.* 97: 687-694.
- Spurgeon, D. W., Sappington, T. W. and **Suh, C. P.-C.** 2003. A system for characterizing reproductive and diapause morphology in the boll weevil (Coleoptera: Curculionidae). *Ann. Entomol. Soc. Am.* 96: 1-11.
- Suh, C. P.-C.**, Spurgeon, D. W. and Hagood, S. 2003. Evaluation of kill strips on boll weevil (Coleoptera: Curculionidae) mortality in pheromone traps and impact on weevil escape. *Environ. Entomol.* 96: 348-351.
- Reardon, B. R., **Suh, C. P.-C.** and Spurgeon, D. W. Head capsule widths of larval instars of the boll weevil. 2002. *Southwest. Entomol.* 27: 291-292.
- Suh, C. P.-C.**, Orr, D. B. and Van Duyn, J. W. 2002. Influence of cotton microhabitat on temperature and survival of *Trichogramma exiguum* (Hymenoptera: Trichogrammatidae) within cardboard capsules. *Environ. Entomol.* 31: 361-366.
- Suh, C. P.-C.**, Spurgeon, D. W. and Westbrook, J. K. 2002. Influence of feeding status and physiological condition on supercooling points of adult boll weevils (Coleoptera: Curculionidae). *Environ. Entomol.* 31: 754-758.
- Orr, D. B., **Suh, C. P.-C.**, McCravy, K. W., Berisford, C. W. and DeBarr, G. L. 2000. Evaluation of inundative releases of *Trichogramma exiguum* (Hymenoptera: Trichogrammatidae) for suppression of Nantucket pine tip moth (Lepidoptera: Tortricidae) in pine (Pinaceae) plantations. *Can. Entomol.* 132: 373-386.
- Suh, C. P.-C.**, Orr, D. B. and Van Duyn, J. W. 2000. Effect of insecticides on *Trichogramma exiguum* (Hymenoptera: Trichogrammatidae) preimaginal development and adult survival. *J. Econ. Entomol.* 93: 577-583.

**Suh, C. P.-C.**, Orr, D. B. and Van Duyn, J. W. *Trichogramma* releases in North Carolina cotton: Why releases fail to suppress heliothine pests. 2000. J. Econ. Entomol. 93: 1137-1145.

**Suh, C. P. - C.**, Orr, D. B., Van Duyn, J. W. and Borchert, D. M. 2000. *Trichogramma exiguum* (Hymenoptera: Trichogrammatidae) releases in North Carolina cotton: Evaluation of heliothine pest suppression. J. Econ. Entomol. 93: 1127-1136.

**Suh, C. P.** and Axtell, R. C. *Lagenidium giganteum* zoospores: Effects of concentration, movement, light, and temperature on infection of mosquito larvae. 1999. Biol. Cont. 15: 33-38.

**Additional Publications (Book Chapters, Proceedings, and Technical Reports):**

Knutson, A. and **Suh, C. P.-C.** The role of replaceable and density-dependent mortality in assessing augmentative releases of *Trichogramma* in U.S. cotton, In Vinson, B. and Greenberg, S. (eds.), *Augmentative Biological Control Using Trichogramma spp.: Current Status and Perspectives*, China University Press (in press).

Perez, J. L., **Suh, C. P.-C.**, Hall, D., and Berg, A. 2015. Rate of dichlorvos released from kill strips used in boll weevil eradication programs. Proc. Beltwide Cotton Conf., pp. 257-259.

Yang, C., **Suh, C. P.-C.**, Westbrook, J. K., and Eyster, R. S. 2015. Early identification of cotton fields using mosaicked aerial imagery. Proc. Beltwide Cotton Conf., pp. 901-906.

**Suh, C. P.-C.**, Ramsey, A., Bohmfalk, G. T., and Westbrook, J. K. 2014. Development of a new extended-release pheromone lure for the boll weevil. Proc. Beltwide Cotton Conf., p. 762.

Westbrook, J. K., **Suh, C. P.-C.** and Eyster, R. S. 2014. Attraction of dispersing boll weevils from surrounding habitats relative to simulated pheromone diffusion from traps. Proc. Beltwide Cotton Conf., pp. 858-862.

Westbrook, J. K., **Suh, C. P.-C.**, Eyster, R. S. and Yang, C. 2014. Temporal variability of spectral reflectance and estimated canopy cover of cotton plants supports early detection of potential boll weevil infestations. Proc. Beltwide Cotton Conf., pp. 863-868.

Yang, C., **Suh, C. P.-C.**, Westbrook, J. K. and Eyster, R. S. 2014. Remote sensing vegetative cotton to assist boll weevil eradication. Proc. Beltwide Cotton Conf., pp. 766-770.

**Suh, C. P.-C.**, Westbrook, J. K., Esquivel, J. F. and Jones, G. D. 2013. Species composition and relative abundance of stink bugs in the Brazos River Bottom – second year results. Proc. Beltwide Cotton Conf., pp. 212-214.

Westbrook, J. K., **Suh, C. P.**, Yang, C., and Eyster, R. S. 2013. Remote identification of potential boll weevil host plants: airborne multispectral detection of regrowth cotton. Proc. Beltwide Cotton Conf., pp. 1178-1184.

- Yang, C., Westbrook, J. K., **Suh, C. P.**, Lan, Y., and Eyster, R. S. 2013. Effects of image spatial and radiometric resolutions on the detection of cotton plants. Proc. Beltwide Cotton Conf., pp. 500-506.
- Suh, C. P.-C.**, Westbrook, J. K., Esquivel, J. F. and Jones, G. D. 2012. Species composition and relative abundance of stink bugs in cotton and other row crops in the Brazos River Bottom production area of Texas. Proc. Beltwide Cotton Conf., pp. 880-882.
- Lan, Y., Zhang, H., **Suh, C. P.**, Westbrook, J. K., Hoffmann, W. C., Yang, C. and Huang, Y. 2011. Fusion of remotely sensed data from airborne and ground-based sensors for cotton regrowth study. Proc. ASA-CSSA-SSSA Ann. Meet. CD-ROM.
- Lan, Y., Zhang, H., **Suh, C. P.**, Westbrook, J. K., Hoffmann, W. C., Yang, C. and Huang, Y. 2011. Fusion of remotely sensed data from airborne and ground-based sensors to enhance detection of cotton plants. Proc. ASABE Ann. Inter. Meet. Paper No. A11-10522.
- Suh, C. P.-C.**, Medrano, E. G., Lan, Y. and Hall, D. L. 2010. Detecting boll rot of cotton with an electronic nose. Proc. Beltwide Cotton Conf., pp. 215-218.
- Suh, C. P.-C.**, Parker, R. D. and Lopez, J. D. 2010. Evaluation of insecticides on cotton fleahopper and beneficial arthropod populations. Proc. Beltwide Cotton Conf., pp. 951-955.
- Westbrook, J. K. and **Suh, C. P.-C.** 2010. Investigation of pheromone-based factors that may reduce capture of boll weevils in traps. Proc. Beltwide Cotton Conf., pp. 994-998.
- Zhang, H., Lan, Y., **Suh, C. P.**, Westbrook, J. K., Lacey, R. and Hoffmann, W. C. 2010. Spectral properties of crops at different growth stages. Proc. ASABE Ann. Inter. Meet., Paper No. A10-9038.
- Zhang, H., Lan, Y., **Suh, C. P.-C.**, Westbrook, J. K. and Hoffmann, W. C. 2010. Fusion of remotely sensed data from airborne and ground-based sensors for cotton regrowth study. Proc. ASABE Ann. Inter. Meet., Paper No. A10-005.
- Suh, C. P.-C.** and Westbrook, J. K. 2009. Within-plant distribution patterns of the cotton fleahopper (Hemiptera: Miridae). Proc. Beltwide Cotton Conf., pp. 708-711.
- Sansone, C. G., Parajulee, M., Minzenmayer, R. R., **Suh, C.**, Barman, A. and Medina, R. M. 2009. Investigations into timing and frequency of insecticide applications for cotton fleahopper. Proc. Beltwide Cotton Conf., pp. 1133-1138.
- Barman, A. K., Medina, R. F., Parajulee, M. N., **Suh, C.** and Sansone, C. 2008. Developing AFLP markers to study genetic differentiation of the cotton fleahopper, *Pseudatomoscelis seriatus* (Reuter) (Hemiptera: Miridae). Proc. 4<sup>th</sup> World Cotton Research Conference. CD-ROM.

- Suh, C. P.-C.** 2008. Using wing pad characteristics and head capsule widths to distinguish nymphal instars of the cotton fleahopper (Hemiptera: Miridae). Proc. 4<sup>th</sup> World Cotton Research Conference. CD-ROM.
- Pfannenstiel, R. S., Greenburg, S., Coleman, R. and **Suh C.** 2007. Stage specific suitability of two mirid pests of cotton for predation by the cursorial spider *Hibana futilis* (Arachnida: Anyphaenidae) under laboratory conditions. Proc. Beltwide Cotton Conf., pp. 370-374.
- Armstrong, J. S., Spurgeon, D. W. and **Suh, C. P.-C.** 2005. Trapping comparisons of standard grandlure with the super formulation for boll weevils in the Rio Grande Valley of Texas. Proc. Beltwide Cotton Conf., pp.1187-1191.
- Suh, Charles P.-C.** 2005. Sampling efficiency of the Keep-It-Simple-Sampler and cotton fleahopper population dynamics in cotton. Cotton Inc. Agricultural Research Projects, Summary Reports 2005, Cary, NC, p. 246.
- Spurgeon, D. W. and **Suh, C. P.-C.** 2004. Preliminary observations on the daily pattern of pheromone production by individual boll weevils. Proc. Beltwide Cotton Conf., pp. 1864-1868.
- Suh, C. P.-C.** and Spurgeon, D. W. 2004. Continuation of pheromone production by boll weevils following host removal. Proc. Beltwide Cotton Conf., pp. 1717-1719.
- Suh, C. P.-C.**, Spurgeon, D. W. and Knutson, A. E. 2004. Detecting cotton fleahopper movement into fields with sticky traps. Proc. Beltwide Cotton Conf., pp. 1748-1754.
- Esquivel, J. E., Spurgeon, D. W. and **Suh, C. P.-C.** 2003. Sampling efficiency of the Keep-It-Simple-Sampler for adult boll weevils. Proc. Beltwide Cotton Conf., pp. 1572-1574.
- Spurgeon, D. W. and **Suh, C. P.-C.** 2003. Diet-mediated termination of boll weevil dormancy. Proc. Beltwide Cotton Conf., pp. 1511-1514.
- Suh, C. P.-C.**, Spurgeon, D. W. and Knutson, A. E. 2003. Evaluation of sticky traps for monitoring cotton fleahopper movement into cotton. Proc. Beltwide Cotton Conf., pp. 1444-1447.
- Suh, C. P.**, Spurgeon, D. W. and Knutson, A. E. 2002. Development of a monitoring system to detect early-season migration of cotton fleahoppers into cotton fields. Cotton Inc. Agricultural Research Projects, Summary Reports 2002, Cary, NC, pp. 250-251.
- Esquivel, J. F., Spurgeon, D. W. and **Suh, C. P.-C.** 2002. Longevity of overwintered boll weevils on pre-fruiting cotton. Proc. Beltwide Cotton Conf. CD-ROM.
- Orr, D. B., **Suh, C. P.-C.**, Philip, M., McCravy, K. W. and Debarr, G. L. 2002. The potential for *Trichogramma* releases to suppress tip moth populations in pine plantations. The Nantucket Pine Tip Moth: Old Problems, New Research, pp. 34-44.



- Suh, C. P.-C.** and Spurgeon, D. W. 2002. Reproductive development of overwintered female boll weevils fed vegetative stage cotton. Proc. Beltwide Cotton Conf. CD-ROM.
- Westbrook, J. K., **Suh, C.**, Eyster, R. S. and Spurgeon, D. W. 2002. Seasonal distribution of boll weevils captured in pheromone traps near cotton and uncultivated habitats in central Texas. Proc. Beltwide Cotton Conf. CD-ROM.
- Suh, C. P.-C.** and Spurgeon, D. W. 2001. Rate of food passage through the boll weevil gut. Proc. Beltwide Cotton Conf., pp. 1147-1149.
- Suh, C. P.**, Westbrook, J. K., Spurgeon, D. W. and Esquivel, J. F. 2001. Seasonal characterization of field and trap-captured boll weevils. Cotton Inc. Agricultural Research Projects, Summary Reports 2001, Cary, NC, p. 216.
- Suh, C. P.-C.** 1999. Reevaluation of *Trichogramma* releases for suppression of heliothine pests in North Carolina cotton. North Carolina State Univ. 147 pp. (Dissertation)
- Orr, D. B. and **Suh, C. P.-C.** 1998. Parasitoids and Predators, pp. 3-34. In Rechcigl, J. E. and Rechcigl, N. A. (eds.) Biological and Biotechnological Control of Insect Pests, CRC Press, Boca Raton, FL. 374 pp.
- Suh, C. P.-C.**, Orr, D. B. and Van Duyn, J. W. 1998. Reevaluation of *Trichogramma* releases for suppression of heliothine pests in cotton. Proc. Beltwide Cotton Conf., pp. 1098-1101.
- Van Duyn, J. W., Bradley, J. R., Jr., Lambert, A. L., **Suh, C. P.-C.** and Faircloth, J. 1998. Thrips management with Gaucho® seed treatment in North Carolina cotton. Proc. Beltwide Cotton Conf., pp. 1183-1187.
- Suh, C. P.-C.** 1993. Behavior and survival of zoospores of *Lagenidium giganteum* (Oomycetes: Lagenidiales), a fungal pathogen of mosquito larvae. North Carolina State Univ. 91 pp. (Thesis)