Dr. Yanping (Judy) Chen, Recent Publications:

Chen, Y. P., and Vinson, S. B. (1999). Queen attractiveness to workers as a mechanism of polygynous ant, *Solenopsis invicta.* Annuals of Entomological Society of America Vol. 92: 579-586.

Zheng, M., K. Tong, Chen,Y. P. Weintraub, B. D. and Szkudlinski, M. W. (2000). Activation mechanism of thyroid hormone receptor. Endocrinology Vol.141: 3514-3517.

Chen, Y. P., and Vinson, S. B. (2002).The effects of queen attractiveness to workers on the queen nutritional status and egg production in the polygynous *Solenopsis invicta*. Annuals of Entomological Society of America Vol. 93: 295-302.

Chen, Y. P., Lu, L. Y., Skow L. C. and Vinson, S. B. (2003). Relatedness among co-existing queens within polygyne colonies of a Texas population of the fire ant, *Solenopsis invicta*, estimated using microsatellite markers. Southwestern Entomologist Vol. 28(1): 27-36

Chen, Y. P., Gundersen-Rindal, D. E., Taylor, P. B., and Shapiro, M. (2003) Quantitative expression analysis of a *Glyptapanteles indiensis* polydnavirus gene in its natural lepidopteran host, *Lymantria dispar.* Insect Molecular Biolgoy Vol. 12 (3): 271-280..

Chen, Y. P. and Gundersen-Rindal, D. E. (2003). Morphological and molecular characterization of the polydnavirus in the parasitoid wasp *Glyptapanteles indiensis* (Hymenoptera: Braconidae). Journal of General Virology Vol. 84: 2051-2060. 2003.

Chen,Y.P.,Higgins, J.A.,and Gundersen-Rindal, D. E. (2003). Quantification of a *Glyptapanteles indiensis* polydnavirus gene expression in its parasitized host, *Lymantria dispar* by real-time quantitative RT-PCR. Journal of Virological Methods Vol. 114:125-133.

Chen, Y. P., Pettis, J. S., Evans, J. D., Kramer, M., and Feldlaufer, M. F. (2004). Molecular evidence for transmission of Kashmir bee virus in honey bee colonies by ectoparasitic mite, *Varroa destructor*. Apidologie (in press).

Chen, Y. P., Smith, B., Collins, A. M., Pettis, J. S. and Feldlaufer, M. F. (2004). Detection of Deformed Wing Virus Infection in Honey Bees, Apis mellifera L., in the United States. American Bee Journal (in press).