

CURRICULUM VITAE

Roy C. Vogtsberger

EDUCATION:

Ph.D., Entomology, Texas A&M University, 1999
Dissertation title - "Aquatic invertebrates and natural control of *Culex salinarius* Coquillett (Diptera: Culicidae) in the coastal marshlands of southeast Texas"
M.S., Biology, Midwestern State University, 1990
Thesis title - "The Neuroptera of north-central Texas, with keys for the identification of species"
B.S., Biology, Midwestern State University, 1986
Diploma, Archer City High School, 1981

PROFESSIONAL EXPERIENCE:

Associate Professor, Dept. of Biology, Midwestern State University, 2010-present
Assistant Professor, Dept. of Biology, Midwestern State University, 2005-2010
Department Head, Dept. of Biology, Hardin-Simmons University, 2004-2005
Assistant Professor, Dept. of Biology, Hardin-Simmons University, 2000-2005
Technician I, Mosquito Research Lab, Dept. of Entomology, Texas A&M Univ., 1999-2000
Research Assistant, Dept. of Entomology, Texas A&M University, 1998-1999
Teaching Assistant/Research Assistant, Dept. of Entomology, Texas A&M Univ., 1990-1998
Adjunct Faculty, Dept. of Biology, Midwestern State University, 1989
Teaching Assistant, Dept. of Biology, Midwestern State University, 1986-1990
Glass Processor/Tank Laborer (Summer Help), PPG Industries Inc., Wichita Falls, TX, 1982, 1985, 1986, 1987
Registration Worker, Dept. of Registrar, Midwestern State Univ., Wichita Falls, TX, 1982-1986
Fork Truck Operator (Summer Help), Cryovac Division of W.R. Grace & Co., Iowa Park, TX, 1984

TEACHING RESPONSIBILITIES:

Lecture Courses:

BIOL 1134 Anatomy and Physiology I, Midwestern State University, 2006-2026
BIOL 1144 General Zoology, Midwestern State University, 2005-2018
BIOL 1144 Honors General Zoology, Midwestern State University, 2007
BIOL 2114 Life III: The Diversity of Life (team taught), Midwestern State University, 2018-2022
BIOL 3064 Principles of Biology II, Midwestern State University, 2006-2018
BIOL 3114 Zoology: Animal Life, Midwestern State University, 2019-2026
BIOL 3434 Entomology, Midwestern State University, 2005-2025
BIOL 3644 Invertebrate Zoology, Midwestern State University, 2006-2024
BIOL 4001 Seminar in Biology, Midwestern State University, 2006-2026
BIOL 4693/5693 Tropical Rainforest Ecology, Midwestern State University, 2006
BIOL 5001 Discussions in Biology, Midwestern State University, 2005

TEACHING RESPONSIBILITIES (cont.):

BIOL 5002 Discussions in Biology, Midwestern State University, 2022-2024
BIOL 5743 Araneology, Midwestern State University, 2009-2025
BIOL 6113 Scientific Literature and Research, Midwestern State University, 2023-2024
BIOL 1320 General Zoology, Hardin-Simmons University, 2002-2004
BIOL 1401 Life Science, Hardin-Simmons University, 2000-2004
BIOL 1411 General Biology II, Hardin-Simmons University, 2001-2002
BIOL 2410 Essentials of Human Anatomy and Physiology, Hardin-Simmons Univ., 2000-2004
BIOL 4104 Seminar in Biology (Biology), Hardin-Simmons University, 2003-2004
BIOL 4104 Seminar in Biology (Entomology), Hardin-Simmons University, 2003
BIOL 4104 Seminar in Biology (Parasitology), Hardin-Simmons University, 2001
BIOL 4104 Seminar in Biology (Forensic Entomology), Hardin-Simmons University, 2001
BIOL 4299 Advanced Topics in Invertebrate Zoology, Hardin-Simmons University, 2001
BIOL 4422 Advanced Environmental Biology (General Entomology), Hardin-Simmons University, 2002
BIOL 1144 General Zoology, Midwestern State University, 1989

Laboratory Courses:

BIOL 1144 Honors General Zoology Lab, Midwestern State University, 2007
BIOL 2114 Life III: The Diversity of Life (team taught), Midwestern State University, 2018-2022
BIOL 3114 Zoology: Animal Life, Midwestern State University, 2019-2026
BIOL 3434 Entomology Lab, Midwestern State University, 2005-2025
BIOL 3644 Invertebrate Zoology Lab, Midwestern State University, 2006-2024
BIOL 5743 Araneology Lab, Midwestern State University, 2009-2025
BIOL 1001 Life Science Lab, Hardin-Simmons University, 2000-2003
BIOL 1010 General Biology I Lab, Hardin-Simmons University, 2000-2001
BIOL 1011 General Biology II Lab, Hardin-Simmons University, 2001-2002
BIOL 1120 General Zoology Lab, Hardin-Simmons University, 2003-2004
BIOL 2010 Essentials of Human Anatomy and Physiology Lab, Hardin-Simmons Univ., 2000-2004
BIOL 4299 Special Topics (Spider Taxonomy), Hardin-Simmons University, 2004
BIOL 4422 Advanced Environmental Biology Lab (General Entomology), Hardin-Simmons University, 2002
ENTO 208 Veterinary Entomology Lab, Texas A&M University, 1990-1991, 1995-1997
ENTO 201 General Entomology Lab, Texas A&M Univ., 1990-1996
ENTO 313 Biology of Insects Lab, Texas A&M Univ., 1997
ENTO 423 Medical Entomology Lab, Texas A&M Univ., 1993-1995
ENTO 426 Arthropods Affecting Urban Life and Public Health Lab, Texas A&M Univ., 1996
ENTO 618 Medical and Veterinary Entomology Lab, Texas A&M Univ., 1994, 1996, 2000
BIOL 1144 General Zoology Lab, Midwestern State Univ., 1986-1990
BIOL 3434 Entomology Lab, Midwestern State Univ., 1987
BIOL 1344 Human Biology Lab, Midwestern State Univ., 1986

RESEARCH and SCHOLARLY ACTIVITY:

Publications

Duran, D.P., J.A. Shetterly and R.C. Vogtsberger. 2024. Redescription of the tiger beetle *Cicindelidia aeneicollis* (Bates 1881) (Coleoptera: Cicindelidae) and discovery of new morphological variants from the Pacific Slope of Mexico. *Zootaxa* 5406(2):383-389.

Thibodeau, M., R. Vogtsberger and C.M. Watson. 2017. *Phrynosoma cornutum* (Texas Horned Lizard) Prey. *Herpetological Review* 48(2):440.

Moophayak, K., S. Sanit, T. Chaiwong, K. Sukontason, H. Kurahashi, K.L. Sukontason, R.C. Vogtsberger and N. Bunchu. 2017. Morphological characteristics of terminalia of the wasp-mimicking fly, *Stomorhina discolor* (Fabricius). *Insects* 8(1), 11.

Moophayak, K., K.L. Sukontason, H. Kurahashi, R.C. Vogtsberger and K. Sukontason. 2013. Evaluation of an I-box wind tunnel model for assessment of behavioral responses of blow flies. *Parasitology Research* 112(11):3789-3798.

Shipley, M.M., K. Wellington, A. Rao, T. Ritchie and R.C. Vogtsberger. 2012. Fatty acid composition of a burrowing mayfly, *Hexagenia limbata* (Ephemeroptera: Ephemeridae), from a North Central Texas lake. *Journal of the Kansas Entomological Society* 85(3):245-258.

Chaiwong, T., K. Sukontason, U. Chaisri, B. Kuntalue, R.C. Vogtsberger and K.L. Sukontason. 2012. Ovarian ultrastructure and development of the blow fly, *Chrysomya megacephala* (Diptera: Calliphoridae). *International Journal of Parasitology Research* 4(1):65-70.

Boonsriwong, W., K.L. Sukontason, T. Chaiwong, U. Chaisri, R.C. Vogtsberger and K. Sukontason. 2012. Alimentary canal of the adult blow fly, *Chrysomya megacephala* (F.) (Diptera: Calliphoridae) – Part I: Ultrastructure of salivary glands. *Journal of Parasitology Research*, vol. 2012, article ID 382917, 7 pp., doi:10.1155/2012/382917.

Moophayak, K., S. Sa-nit, K. Sukontason, R.C. Vogtsberger and K.L. Sukontason. 2011. Morphological descriptions for the identification of *Hypopygiopsis tumrasvini* Kurahashi (Diptera: Calliphoridae). *Parasitology Research* 109(5):1323-1328.

Boonsriwong, W., K. Sukontason, R.C. Vogtsberger and K.L. Sukontason. 2011. Alimentary canal of the blow fly, *Chrysomya megacephala* (F.) (Diptera: Calliphoridae): An emphasis on dissection and morphometry. *Journal of Vector Ecology* 36(1):2-10.

Sukontason, K.L., T. Chaiwong, U. Chaisri, R.C. Vogtsberger and K. Sukontason. 2009. Ultrastructure of male accessory glands of *Chrysomya megacephala* (Fabricius) (Diptera: Calliphoridae). *Journal of Vector Ecology* 34(2):294-303.

Lee, T.E., Jr., A.J. Patel, B.W. Johnson and R.C. Vogtsberger. 2009. Noteworthy records of dragonflies (Odonata: Anisoptera) from Jones and Taylor counties of Central Texas. *Texas Journal of Science* 61(2):157-160.

Sukontason, K.L., P. Sribanditmongkol, T. Chaiwong, R.C. Vogtsberger, S. Piangjai and K. Sukontason. 2008. Morphology of immature stages of *Hemipyrellia ligurriens* (Wiedemann) (Diptera: Calliphoridae) for use in forensic entomology applications. *Parasitology Research* 103(4):877-887.

Publications (cont.)

Sukontason, K., R. Methanitikorn, H. Kurahashi, R.C. Vogtsberger and K.L. Sukontason. 2008. External morphology of *Chrysomya pinguis* (Walker) (Diptera: Calliphoridae) revealed by scanning electron microscopy. *Micron* 39(2):190-197.

Sukontason, K., P. Narongchai, C. Kanchai, K. Vichairat, P. Sribanditmongkol, T. Bhoopat, H. Kurahashi, M. Chockjamsai, S. Piangjai, N. Bunchu, S. Vongvivach, W. Samai, T. Chaiwong, R. Methanitikorn, R. Ngern-Klun, D. Sripakdee, W. Boonsriwong, S. Siriwananarungsee, C. Srimuangwong, B. Hanterdsith, K. Chaiwan, C. Srisuwan, S. Upakut, K. Moopayak, R.C. Vogtsberger, J.K. Olson and K.L. Sukontason. 2007. Forensic entomology cases in Thailand: a review of cases from 2000 to 2006. *Parasitology Research* 101(5):1417-1423.

Ngern-klun, R., K. Sukontason, R. Methanitikorn, R.C. Vogtsberger and K.L. Sukontason. 2007. Fine structure of *Chrysomya nigripes* (Diptera: Calliphoridae), a fly species of medical importance. *Parasitology Research* 100(5):993-1002.

Sukontason, K., R. Methanitikorn, T. Chaiwong, H. Kurahashi, R.C. Vogtsberger and K.L. Sukontason. 2007. Sensilla of the antenna and palp of *Hydrotaea chalcogaster* (Diptera: Muscidae). *Micron* 38(3):218-223.

Middleton, S.M., G.H. Broussard, M.M. Shipley and R.C. Vogtsberger. 2007. Inventory of three beetle species assemblages (Coleoptera: Carabidae, Scarabaeoidea, Tenebrionoidea) from the Chihuahuan Desert of West Texas. *Texas Journal of Science* 59(1):39-50.

Boonsriwong, W., K. Sukontason, J.K. Olson, R.C. Vogtsberger, U. Chaithong, B. Kuntalue, R. Ngern-klun, S. Upakut and K.L. Sukontason. 2007. Fine structure of the alimentary canal of the larval blow fly *Chrysomya megacephala* (Diptera: Calliphoridae). *Parasitology Research* 100(3):561-574.

Sukontason, K.L., R. Methanitikorn, W. Boonsriwong, S. Piangjai, H. Kurahashi, R.C. Vogtsberger and K. Sukontason. 2006. Ultrastructure of spiracles of *Musca domestica* and *Hydrotaea chalcogaster* (Diptera: Muscidae). *Parasitology Research* 100(1):19-23.

Sukontason, K.L., S. Piangjai, W. Boonsriwong, N. Bunchu, R. Ngern-klun, R.C. Vogtsberger and K. Sukontason. 2006. Observations of the third instar larva and puparium of *Chrysomya bezziana* (Diptera: Calliphoridae). *Parasitology Research* 99(6):669-674.

Sukontason, K.L., S. Piangjai, N. Bunchu, T. Chaiwong, D. Sripakdee, W. Boonsriwong, R.C. Vogtsberger and K. Sukontason. 2006. Surface ultrastructure of the puparia of the blow fly, *Lucilia cuprina* (Diptera: Calliphoridae), and flesh fly, *Liosarcophaga dux* (Diptera: Sarcophagidae). *Parasitology Research* 98(5):482-487.

Sukontason, K.L., K. Sukontason, S. Piangjai and R.C. Vogtsberger. 2006. Ultrastructure of eggs of *Paracapillaria (Crossicapillaria) philippinensis* and evidence related to its life cycle. *Micron* 37(1):87-90.

Publications (cont.)

Grieco, J.P., R.C. Vogtsberger, N.L. Achee, E. Vanzie, R.G. Andre, D.R. Roberts and E. Rejmankova. 2005. Evaluation of habitat management strategies for the reduction of malaria vectors in northern Belize. *Journal of Vector Ecology* 30(2):235-243.

Sukontason, K.L., R.C. Vogtsberger, N. Boonchu, T. Chaiwong, D. Sripakdee, R. Ngern-klun, S. Piangjai and K. Sukontason. 2005. Larval morphology of *Chrysomya nigripes* (Diptera: Calliphoridae), a fly species of forensic importance. *Journal of Medical Entomology* 42(3):233-240.

Sukontason, K.L., K. Sukontason, R.C. Vogtsberger, S. Piangjai, N. Boonchu and T. Chaiwong. 2005. Ultramorphology of eggshell of flesh fly *Liosarcophaga dux* (Diptera:Sarcophagidae). *Journal of Medical Entomology* 42(1):86-88.

Sukontason, K., K.L. Sukontason, R.C. Vogtsberger, N. Boonchu, T. Chaiwong, S. Piangjai and H. Disney. 2005. Ultrastructure of coeloconic sensilla on postpedicel and maxillary palp of *Megaselia scalaris* (Diptera:Phoridae). *Annals of the Entomological Society of America* 98(1):113-118.

Sukontason, K., K.L. Sukontason, S. Piangjai, W. Choochote and R. C. Vogtsberger. 2005. Ultrastructure of the ommatichia in *Megaselia scalaris* (Loew) (Diptera: Phoridae). *Micron* 36(2):191-194.

Sukontason, K., K.L. Sukontason, S. Piangjai, N. Boonchu, T. Chaiwong, R. Ngern-klun, D. Sripakdee, R.C. Vogtsberger and J.K. Olson. 2004. Antennal sensilla of some forensically important flies in families Calliphoridae, Sarcophagidae and Muscidae. *Micron* 35(8):671-679.

Boonchu, N., K. Sukontason, K.L. Sukontason, T. Chaiwong, S. Piangjai and R.C. Vogtsberger. 2004. Observations on first and second-instar larvae of *Megaselia scalaris* (Loew) (Diptera: Phoridae). *Journal of Vector Ecology* 29(1):79-83.

Sukontason, K., K.L. Sukontason, R.C. Vogtsberger, N. Boonchu, T. Chaiwong and S. Piangjai. 2003. Prestomal teeth of some flies of medical importance. *Micron* 34(8):449-452.

Sukontason, K., K.L. Sukontason, S. Piangjai, T. Chaiwong, N. Boonchu, H. Kurahashi and R.C. Vogtsberger. 2003. Larval ultrastructure of *Parasarcophaga dux* (Thomson) (Diptera: Sarcophagidae). *Micron* 34(8):359-364.

Sukontason, K., K.L. Sukontason, S. Piangjai, N. Boonchu, T. Chaiwong and R.C. Vogtsberger. 2003. Mouthparts of *Megaselia scalaris* (Loew) (Diptera: Phoridae). *Micron* 34(8):345-350.

Sukontason, K., K.L. Sukontason, S. Piangjai, J. Tippanun, S. Lertthamnongtham, R.C. Vogtsberger and J.K. Olson. 2003. Survey of forensically-relevant fly species in Chiang Mai, northern Thailand. *Journal of Vector Ecology* 28(1):135-138.

Sukontason, K.L., K. Sukontason, S. Piangjai, N. Boonchu, T. Chaiwong, R.C. Vogtsberger, B. Kuntalue, N. Thijuk and J.K. Olson. 2003. Larval morphology of *Chrysomya megacephala* (Fabricius) (Diptera: Calliphoridae) using scanning electron microscopy. *Journal of Vector Ecology* 28(1):47-52.

Publications (cont.)

Sukontason, K.L., K. Sukontason, S. Lertthamnongtham, B. Kuntalue, N. Thijuk, R.C. Vogtsberger and J.K. Olson. 2003. Surface ultrastructure of *Chrysomya rufifacies* (Macquart) larvae (Diptera: Calliphoridae). *Journal of Medical Entomology* 40(3):259-267.

Lertthamnongtham, S., K.L. Sukontason, K. Sukontason, S. Piangjai, W. Choochote, R.C. Vogtsberger and J.K. Olson. 2003. Seasonal fluctuations in populations of the two most forensically important fly species in northern Thailand. *Annals of Tropical Medicine & Parasitology* 97(1):87-91.

Sukontason, K., K.L. Sukontason, S. Piangjai, C. Kanchai, R.C. Vogtsberger and J.K. Olson. 2002. Forensic entomology case of two burned corpses in Thailand. *Proceedings of the 5th International Congress of DipteroLOGY* 5:233.

Sukontason, K.L., R.C. Vogtsberger, K. Sukontason, J.K. Olson, S. Lertthamnongtham and S. Piangjai. 2001. Surface ultrastructure of the third-instar larvae of *Hydrotaea spinigera* Stein (Diptera: Muscidae), a fly species of forensic importance. *Journal of Vector Ecology* 26(2):191-195.

Sukontason, K.L., K. Sukontason, S. Piangjai, W. Choochote, R.C. Vogtsberger and J. K. Olson. 2001. Scanning electron microscopy of the third-instar *Piophila casei* (Diptera: Piophilidae), a fly species of forensic importance. *Journal of Medical Entomology* 38(5):756-759.

Sukontason, K.L., K. Sukontason, K. Vichairat, S. Piangjai, S. Lertthamnongtham, R.C. Vogtsberger and J.K. Olson. 2001. The first documented forensic entomology case in Thailand. *Journal of Medical Entomology* 38(5):746-748.

Jasper, S.K. and R.C. Vogtsberger. 1996. First Texas records of five genera of aquatic beetles (Coleoptera: Noteridae, Dytiscidae, Hydrophilidae) with habitat notes. *Entomological News* 107(1):49-60.

Vogtsberger, R.C. 1990. First United States record of *Ascalobyas* (Neuroptera: Ascalaphidae), a range extension from north-eastern Mexico to Texas. *Entomological News* 101(3):158-160.

Works in Progress

Working to find the undescribed female of *Terralonus shaferi* female spiders from the DDRS with Tim Manolis (associated with California Academy of Sciences), initiated 2023.

Work to describe and publish the currently undescribed male of the zebra jumping spider, *Salticus austiniensis*, with Dr. Norman Horner, initiated 2020.

Began the process to digitize the spider collection of MSU, 2020.

Long term research to eventually characterize the spider and insect fauna present at the Dalquest Research Site by examining pitfall trap samples collected from 1999-present.

Research on the biodiversity of aquatic insects and effects of varying water salinity on the aquatic insect fauna of the Wichita River west of Wichita Falls, TX.

Works in Progress (cont.)

Began preliminary work to eventually characterize the insect and spider fauna present at the Holliday Field Site of MSU during the MSU BioBlitz! event starting in April, 2016.

New faunal surveys of insects and spiders with TPWD have begun at Inks Lake State Park (2013), Davis Mountains State Park (2015), and Copper Breaks State Park (2017).

Continuous collaborative research (primarily on the ultrastructural morphology of fly species of forensic importance) with colleagues in the Department of Parasitology, Faculty of Medicine at Chiang Mai University in Thailand.

Ongoing research as part of a multi-million dollar NIH grant entitled, "Environmental Determinants of Malaria in Belize, C.A." in which I have been employed to be used for my taxonomic expertise in this project. Continual project involves investigators consisting of numerous scientists at multiple universities including University of California-Davis and the Uniformed Services University of Health Sciences in Bethesda, Maryland, as well as the Ministry of Health in Belize and GeoEcoArc Research Co. in Washington. D.C.

Continued joint research project with fellow faculty member, Dr. Michael Shipley, to collect and look at the lipid content and profile of cochineal scale insects.

Began work on the ultrastructural morphology of *Platypsyllus castoris* Ritsema (Coleoptera: Leiodidae) with Dr. Mills and former MSU biology graduate student, Sam Kelly. This study will involve extensive scanning electron microscopy.

A delusory parasitosis case that I worked with led to the discovery of some sort of human parasitic organism that we have yet to be able to identify. A collaborative effort with Dr. Jon Scales to conduct a DNA analysis of this unknown organism in an attempt to determine its identity is currently at a standstill.

Work with Dr. Ed Ross concerning his describing of the new undescribed species of webspinner from the DDRS that was sent to him.

Long term research on the "Hebridae of Texas" that I had been working on collaboratively with notorious researcher in aquatic hemipterans, Dr. John T. Polhemus, for many years is now in limbo with the unexpected passing of Dr. Polhemus at age 84. Manuscript preparation was well underway with this project, but Dr. Polhemus was still working on part of his aspects of this research when he passed. I don't know what will happen with this project now.

In collaboration with Texas Parks and Wildlife Department (TPWD), a long-term venture was begun to help them in biodiversity studies of Lake Tawakoni State Park by working to catalogue the spider fauna that resides in the park, incorporating graduate students from each of my Araneology classes into this research. Work has begun with results from spiders collected from the park by the spring 2009 class on our April 3-5 field trip. A list of species was compiled and submitted to David Riskind, TPWD Natural Resources Program Director and Donna Garde, Superintendent of Lake Tawakoni State Park. This work has continued every two years since then.

Works in Progress (cont.)

Long-term project of developing and organizing the MWSU Collection of Invertebrates.

Still awaiting time to transfer and arrange curated specimens from the old means of storage into our new holding equipment. This is all part of an ongoing collection conversion that was started in 2005 for our insect holdings. Specimen transfer is currently at a standstill after completion of fumigation/ pest removal of damaged portions of the collection.

Oral/Poster Presentations

Skinner, A., B. Ramon, and R. Vogtsberger. 2015. A survey of aquatic insect diversity along the Wichita River. MSU EURECA Celebration of Scholarship Forum. (received 1st place poster presentation award)

Vogtsberger, R.C. 2015. The good guys: beneficial insects and spiders. Wichita Falls Home and Garden Show, Wichita Falls Multi-Purpose Event Center, Wichita Falls, Texas. (invited speaker - 2 hour oral presentation)

Mahabir, S. and R.C. Vogtsberger. 2013. A qualitative taxonomic insect survey and similarity analysis of streams in the Chihuahuan Desert of west Texas. 61st Annual Meeting of the Entomological Society of America, Austin Convention Center, Austin, Texas.

Adams, J.H., J.P. Grieco, N.V. Horner and R.C. Vogtsberger. 2013. Taxa richness study and similarity analysis of the aquatic insects cohabiting with culicid larvae in two Belizean river systems. North Texas Life Science Research Symposium, University of North Texas, Denton, Texas.

Mahabir, S. and R.C. Vogtsberger. 2012. Preliminary taxonomic results of a completed survey of stream inhabiting insects in the Chihuahuan Desert of West Texas. 115th Annual Meeting of the Texas Academy of Science, Sul Ross State University, Alpine, Texas.

Mahabir, S. and R.C. Vogtsberger. 2010. Preliminary results of an aquatic insect biodiversity study in the Chihuahuan Desert of West Texas. Summer Joint Meeting of ASLO (Advancing the Science of Limnology and Oceanography) and NABS (North American Benthological Society), poster session, Santa Fe, New Mexico.

Sukontason, K.L., P. Sribanditmongkol, T. Chaiwong, R.C. Vogtsberger, S. Piangjai and K. Sukontason. 2008. Morphology of immature stages of *Hemipyrellia ligurriens* (Wiedemann) (Diptera: Calliphoridae) for use in forensic entomology applications. 16th European Society for Vector Ecology Conference, poster session, Fitzwilliam College, University of Cambridge, Cambridge, England.

Wellington, K.M., R.C. Vogtsberger and M.M. Shipley. 2007. Fatty acid composition in mayfly (*Hexagenia limbata*) naiads and adults from Lake Arrowhead, Texas. 110th Annual Meeting of the Texas Academy of Science, Baylor University, Waco, Texas.

Todd, J.R., R.C. Vogtsberger and M.M. Shipley. 2007. Light trap survey of the family Psychodidae (Diptera) in Wichita Falls, Texas. 110th Annual Meeting of the Texas Academy of Science, Baylor University, Waco, Texas.

Oral/Poster Presentations (cont.)

Sukontason, K., P. Narongchai, C. Kanchai, K. Vichairat, W. Samai, M. Chockjamsai, S. Piangjai, C. Srimuangwong, B. Hanterdsith, N. Bunchu, T. Chaiwong, R. Ngernklun, D. Sripakdee, R. Methanitikorn, N. Boonsriwong, S. Siriwattanarungsee, K. Chaiwan, C. Srisuwan, S. Upakut, J.K. Olson, H. Kurahashi, R.C. Vogtsberger and K.L. Sukontason. 2006. Forensic entomology cases in northern Thailand in 2000-2006. 6th International Congress of Dipterology, poster session, Fukuoka International Congress Center, Fukuoka, Japan.

Sukontason, K., R. Methanitikorn, S. Piangjai, H. Kurahashi, R.C. Vogtsberger and K.L. Sukontason. 2005. Sensilla of the antenna and maxillary palp of *Hydrotaea chalcogaster* (Diptera: Muscidae), a fly species of forensic importance. 5th Asia-Pacific Congress of Entomology, poster session, Jeju, South Korea.

Sukontason, K.L., R. Methanitikorn, N. Boonsriwong, B. Kuntalue, S. Piangjai, H. Kurahashi, R.C. Vogtsberger and K. Sukontason. 2005. Ultrastructure of spiracles of the adult flies *Musca domestica* and *Hydrotaea chalcogaster* (Diptera: Muscidae). 5th Asia-Pacific Congress of Entomology, poster session, Jeju, South Korea.

Sukontason, K., K.L. Sukontason, S. Piangjai, N. Boonchu, T. Chaiwong and R.C. Vogtsberger. 2003. Mouthparts of *Megaselia scalaris* (Loew) (Diptera: Phoridae). 14th European Conference of the Society for Vector Ecology, poster session, Bellinzona, Switzerland.

Sukontason, K., K.L. Sukontason, S. Piangjai, C. Kanchai, R.C. Vogtsberger and J.K. Olson. 2002. Forensic entomology case of two burned corpses in Thailand. 5th International Congress of Dipterology, poster session, The University of Queensland, Brisbane, Australia.

Vogtsberger, R.C. and J.K.Olson. 1999. Aquatic invertebrates and natural control of *Culex salinarius* in the coastal marshlands of southeast Texas. 42nd Annual Meeting of the Louisiana Mosquito Control Association, general session, Baton Rouge, Louisiana.

Vogtsberger, R.C. and J.K.Olson. 1999. Pictorial presentation of aquatic invertebrates from the coastal marshlands of southeast Texas. 42nd Annual Meeting of the Louisiana Mosquito Control Association, general session, Baton Rouge, Louisiana.

Vogtsberger, R.C. and J.K.Olson. 1999. A pictorial presentation of aquatic invertebrates found in association with the coastal marshlands of southeast Texas. 43rd Annual Meeting of the Texas Mosquito Control Association, general session, Lubbock, Texas.

Vogtsberger, R.C. 1998. Aquatic invertebrates and natural control of *Culex salinarius* Coquillett in the coastal marshlands of southeast Texas. 1st Annual Entomology Graduate Student Forum, Texas A&M University, College Station, Texas.

Vogtsberger, R.C. and J.K.Olson. 1998. Aquatic invertebrates and natural control of *Culex salinarius* Coquillett in the coastal marshlands of southeast Texas. 42nd Annual Meeting of the Texas Mosquito Control Association, general session, Fort Worth, Texas.

Oral/Poster Presentations (cont.)

Vogtsberger, R.C. 1995. Unconventional natural control agents of mosquito larvae: Believe 'em or not! 1995 Proceedings of the South Central Regional Mosquito Control Conference (hosted jointly by TMCA/LMCA), invited paper, 1994 James Gus Foyle Memorial Scholarship Recipient Presentation, Galveston, Texas.

Vogtsberger, R.C. and J.K. Olson. 1994. Preliminary results of an aquatic insect survey and mosquito predator study being conducted in the coastal marshlands of southeast Texas. 1994 Proceedings of the South Central Regional Mosquito Control Conference (hosted jointly by LMCA/TMCA), general session, Lake Charles, Louisiana.

Professional involvements

Society/Organization Affiliations:

- American Entomological Society
- Entomological Society of America
- Texas Mosquito Control Association
- Board Certified Entomologist Intern
- Beta Beta Beta Biological Honor Society
- Gamma Sigma Delta Honor Society of Agriculture
- Texas A&M University Entomology Graduate Student Organization
- Tau Kappa Epsilon International Fraternity

Continuing Education:

Participation in the ESA Forensic Entomology Seminar series for continuing education at the national ESA annual meeting in Dallas, 1994.

Consultations

Numerous professional consultations (too many to list or keep track of) are usually performed on an annual basis. Consultations are with private companies/businesses, the media, and the general public (most). Subject of consultations vary from identifications of unknown invertebrate specimens to medical issues such as envenomization and delusory parasitosis cases.

SERVICE:

University

Committee Responsibilities:

- University Core Curriculum Committee (Midwestern State Univ.), 2023-
- University Student Conduct Committee (Midwestern State Univ.), 2019-2022
- Campus Carry Task Force Committee (Midwestern State Univ.), 2015-2016
- Faculty Grievance Committee (Midwestern State Univ.), 2015-2022
- University Rank and Tenure Committee (Midwestern State Univ.), 2012-2014

Committee Responsibilities (cont.):

Academic Appeals Committee (Midwestern State Univ.), 2012-2016 (chair proxy, 2014)

Core Course Development/Maintenance Committee (Midwestern State Univ.), 2012-2014

Biology Graduate Admissions Committee (Midwestern State Univ.), 2014-

Biology Scholarship Committee (Midwestern State Univ.), 2012-

Biology Graduate Merit Scholarship Committee (Midwestern State Univ.), 2016-

Biology Equipment Maintenance Committee (Midwestern State Univ.), 2015

Institutional Animal Care and Use Committee (Midwestern State Univ.), 2015

Outstanding Student Committee (Midwestern State Univ.), 2012-2015.

Biology Faculty Search Committee (Midwestern State Univ.), 2011-2021

Faculty Senate (Midwestern State Univ.), 2011 (proxy)

COSM Outstanding Alumni Selection Committee (Midwestern State Univ.), chair, 2011

Academic Appeals Committee, Faculty Alternate (Midwestern State Univ.), 2010-2012

Dalquest Desert Research Station Advisory Committee (Midwestern State Univ.), 2010-

Faculty/Staff Traffic Appeals Committee (Midwestern State Univ.), 2009-2010

University Honors Program Director Search Committee (Midwestern State Univ.), 2009

Honors Program Committee (Midwestern State Univ.), 2007-2009

Biology Graduate Student Thesis Committees (Midwestern State Univ.), 2005-present

University Research Review Committee (Hardin-Simmons Univ.), 2002-2004

Honors Council Committee for development and maintenance of a new Honors Program (Hardin-Simmons Univ.), 2003-2004

Quality Enhancement Plan Committee [pre-SACS visit assessment program] (Hardin-Simmons Univ.), 2003-2004

University-related Events:

Served as Graduate Committee Chairman and guided four graduate students to completion of their Master's thesis to graduate with an MS degree.

EURECA program with Drew Skinner working on research concerning the possible effects of water salinity on the aquatic insect biodiversity along various reaches of the Wichita River.

EURECA workshop entitled, "Who are you?" on principles of microscopy, use of dichotomous keys, and identification of insects on 3-11-2015.

Instructor of biology at the Texas Governor's School at MSU, 2008.

Instructor of forensic entomology at the MSU-CSI Forensics Camp, 2006.

Working at Family Day (2005-2018), Majors Fair (2005-2012), College Day Previews (2005-2010), Mustangs Rally (2006-2020) and Spirit Days (2007-2012).

Attended Alumni Awards Ceremony, 2005-2012.

Attended Tri-Beta Induction Ceremony, 2005-2012.

Served as a faculty mentor to Dr. Jonathan Price at Midwestern State University, 2010-2011.

University-related Duties:

- Served as a faculty friend mentor to new incoming freshman students at Hardin-Simmons University, 2001-2002.
- Served as moderator at the 2nd Annual TAMU Entomology Graduate Student Forum, 1999.
- Lots of core curriculum assessment activities for both SACS and THECB.
- Directing Master's theses of students and serving on Graduate Advisory Committees.
- Academic advisor to students.
- Writing reference letters for students.
- Curator of MWSU Collection of Invertebrates
- Faculty Advisor for newly-formed student organization, Lutheran Student Fellowship, at MSU, 2008-2012.
- Faculty Advisor for Mu Gamma Chapter of Tau Kappa Epsilon International Fraternity at MSU, 2006-2020.
- Unpacking and assembling of 28 new seating stools with my araneology graduate students for Bolin 207 lab.
- Unpacking and assembling of 111 new seating stools and chairs by myself for Bolin 201, 203, 205, 214, and 217 labs in 2022.
- Unpacking and assembling of 17 new Nikon compound microscopes with Dr. Jim Masuoka for Bolin 205 lab.
- Repair and maintenance of Department microscopes and light sources in Bolin 207.

Profession

- Conduct annual insect presentations to the Rolling Plains Chapter of the Texas Master Naturalists group as part of their members training sessions.
- Interviewed by writer Tracy Vonder Brink concerning massive communal spiderwebs in Texas for content to include in her article that was published in the October 2017 issue of Highlights magazine.
- Participated in the 2017 Survey of Doctorate Recipients (SDR) conducted by NORC at the University of Chicago on behalf of the NSF and NIH.
- Assisted with content preparation for an oral presentation by a colleague and the resulting following publication concerning the death of my doctoral dissertation advisor: Sames, W.J., IV. 2017. Memorial lecture. 2017 AMCA memorial lecture honoree: Dr. Jimmy Karl Olson 1942-2015. Journal of the American Mosquito Control Association 33(2):156-165.
- A new species of aquatic insect that we discovered from thesis research that was conducted by graduate student, Hunter Adams, in the Sibun River of Belize, Central America has now been named *Ambrysus maya* Sites and Reynoso.
- Worked with high school intern, Rachel Morgan, on research of aquatic insect biodiversity along various reaches of the Wichita River. 2015-2016.
- Assisted University of Houston-Clear Lake graduate student, Bryan Alleman, with a research project concerning diet analysis of the Texas diamondback terrapin in the coastal marshes of Texas by analyzing spider remains from fecal samples.
- Insect presentation at River Bend Nature Center BugFest 2006-2012.

Profession (cont.)

Contributed to a 5-year NSF funded major collaborative research project (Global Survey and Inventory of Solifugae) of Dr. Paula Cushing, Denver Museum of Nature and Science and Dr. Bob Wharton, Texas A&M University, and numerous other solifuge specialists. I spent six weeks of summer 2009 sorting and collecting solifuge specimens from pitfall trap samples that had been previously collected from the Dalquest Research Site from 1999-present. These efforts produced approximately 235 specimens from the deserts of West Texas that will be used in this global study.

Travelled with Dr. Norman Horner to Lake Tawakoni State Park to evaluate and give professional interpretations of a giant spider web that was recently discovered there. Information concerning this event quickly spread around the globe and made international news. I was interviewed and eventually quoted in press by Reuters News. Dr. Horner and I compiled a printed list of our "Observations of the Lake Tawakoni State Park Spider Web" from our September 14, 2007 visit to the site.

Petitioned by Louisiana State University in Shreveport (10-19-2005) to serve as an outside evaluator of the scholarly work of Dr. Beverly Burden for promotional consideration to the rank of Full Professor due to me being deemed "knowledgeable in her area of specialization". This review would be used in her consideration for promotion to the rank of Full Professor. A review was written that included a critical evaluation of a promotion packet consisting of an annotated listing of her scholarly works and 7 of her publications.

Acted as a reviewer for the professional journal, *Parasitology Research*, 2017-2018.

Acted as an invited reviewer of the high profile entomology journal, *The Journal of Medical Entomology* (i.e. one of nine journals published by the Entomological Society of America and has the highest journal ranking and impact factor of them all), 2017.

Acted as a reviewer of entomologically-related articles submitted to the *Texas Journal of Science*, 2000-2001, 2006-2007.

Served as a reviewer of student submitted research proposal for competition at the Annual Meeting of the Texas Academy of Sciences, 2008-2010.

Served as a judge of high school age science projects at the Red River Regional Science and Engineering Fair, 2007-2009.

Specific identification of insects of forensic importance in a collection to be used for teaching purposes for a new course in forensic entomology at TAMU.

Participated in a survey conducted by the Texas Freedom Network Education Fund about the level of preparation of incoming college students for college level biology courses. The survey dealt specifically with their preparation for courses dealing with evolution. Results of the survey will be used in making recommendations to the Texas State Board of Education concerning Texas Essential Knowledge and Skills (TEKS) curriculum standards for Texas high school science classes, 2007.

Act as a reviewer of entomologically-related articles for various journals [ongoing].

Served as moderator at the 2nd Annual TAMU Entomology Graduate Student Forum, 1999.

Involvement in mosquito adulticide efficacy field tests and analysis, 1999.

Voucher specimen identification service for the New Orleans Mosquito Control Board, 1992-1993, 1997.

Involvement in mosquito larvicide efficacy field tests, 1996.

Profession (cont.)

Constructed live aquatic insect display at the INSECT EXPO for kids of the national ESA annual meeting in Dallas, 1994.

Collected parasitic Hymenoptera for Dr. Bob Wharton and Dr. Jim Woolley in a cooperative project in the Big Bend area of Texas during July of 1991.

Judging of elementary, junior high, and high school science fairs in Wichita Falls, TX, 1986-1990.

Community

COSM representative for the Lake Wichita Revitalization Project.

Invertebrate identification/information services to the community [ongoing].

Give consultation to both newspaper and television media concerning invertebrate issues.

Sikes Lake clean-up.

Instructor of biology at the Texas Governor's School at MSU, 2008.

Instructor of forensic entomology at the MSU-CSI Forensics Camp, 2006.

Insect presentation at River Bend Nature Center BugFest 2006-2010.

Participated in MSU Great Day of Service, 2008.

Participated in the Alzheimer Memory Walk at Sikes Lake, 2007

Adopt-A-Highway trash pickup with Our Redeemer Lutheran Church, 2010-present.

Adopt-A-Highway trash pickup with Biology Club and Pre-Professional Club, 2005.

TKE Elite Annual Festival (2006-2010) produced benefits of thousands of dollars to local Alzheimer's Association.

MSU COSM Relay For Life Team (The Jalapeno Stompers)- fundraiser for American Cancer Society, 2006, 2007, 2008, 2009.

Awarded designation as a "Bronze Leader" in the Commanders Club of Disabled American Veterans in 2008 for my ongoing support.

Constructed live aquatic insect display at the INSECT EXPO for kids of the national ESA annual meeting in Dallas, 1994.

Lifetime member of the MSU Alumni Association that promotes the university in many ways.

Member of the Abilene Aggie Club and work at the Aggie French Fry Booth (proceeds provide scholarships to area youth) at the Taylor County Fair in Abilene.

Giving tours of the Midwestern State University Biology Department to various groups of people.

Met with a home-schooled group of students (the Packrats) and gave a talk on insects and showed them both live and preserved insects on 2-2-2007.

Various community and charity services through Our Redeemer Lutheran Church, TKE, and various church affiliates.

AWARDS and HONORS:

2024-2025 MSU Favorite Biology Professor

2010-2020 Our Redeemer Lutheran Church Adopt-A-Highway group – "Superstar Litter Gitters"

2015-2016 MSU Biology Professor of the Year.

AWARDS and HONORS (cont.):

2015 Celebration of Scholarship Forum – 1st place poster presentation.

2010-2011 MSU Biology Professor of the Year.

September 2010 MSU Teacher of the Month by Gamma Phi Beta.

2009 – Entomological Society of America 20-year pin

2009, 2011, 2014 – MSU Professor Recognition Day Certificates of Appreciation from several students

2003 - selection of one of our SEM micrographs from our paper, “Surface ultrastructure of *Chrysomya rufifacies* (Macquart) larvae (Diptera: Calliphoridae)”, to serve as front cover of the May issue (No. 3) of Vol. 40 of the Journal of Medical Entomology – a major international journal published by the Entomological Society of America

1998 Entomology Graduate Student Forum Outstanding Presentation of Research Award (Texas A&M University)

1996 Graduate Program Enhancement Competitive Scholarship Award (Texas A&M Univ.)

1994 James Gus Foyle Memorial Scholarship (Texas Mosquito Control Association)

1986 Graduate Biology Scholarship (Midwestern State University)