

CURRICULUM VITAE

PROFESSIONAL DATA

NAME: W. Keith Hartberg

EDUCATION:

Wabash College, Crawfordsville, Indiana - A.B. in Zoology (Botany minor), 1963.

University of Notre Dame, Notre Dame, Indiana - M.S. in Biology (Entomology/Genetics), 1965.

University of Notre Dame, Notre Dame, Indiana - Ph.D. in Biology (Entomology/Genetics), 1968.

POSTDOCTORAL TRAINING:

Postdoctoral Research Associate (WHO), University of Notre Dame, May-September 1968 (research on cytogenetics of Aedes aegypti with Dr. K.S. Rai).

Participant, World Health Organization Seminar on Vector Genetics, University of Notre Dame, Summer 1968.

Oak Ridge Associated Universities Mobile Radioisotope Laboratory, two-week course of study in radioisotope theory and techniques, conducted by ORAU at Georgia Southern College, 20-31 March 1972.

Human cytogenetics training session with Dr. Jeanne Beatty-DeSana, Georgia Retardation Center, Cytogenetics Services Section, Atlanta, Georgia. 9-20 July 1979.

Faculty Information Technology Course (Micro-computers). Georgia Southern College, Winter Quarter, 1983.

Recombinant DNA Technology Mini Course, Indiana University, June 1988.

BRL Recombinant DNA Techniques Workshop, Baylor University, March 1989

Multiple Sclerosis Update Series 1993 (Continuing Medical Education Activity), University of Texas Medical School at Houston, September 1993.

Multiple Sclerosis Update 1995 (Continuing Medical Education Activity), University of Texas Medical School and Baylor College of Medicine, Houston, September 1995.

Multiple Sclerosis Update 1997 (Continuing Medical Education Activity), University of Texas Medical School and Baylor College of Medicine, Houston, October 1997.

PROFESSIONAL EXPERIENCE (Positions):

Professor, 1986-present, Department of Biology, Baylor University, Waco, Texas 76798.

Chairman, 1986-2004, Department of Biology, Baylor University, Waco, Texas 76798.

Visiting Member of the Graduate Faculty (Entomology) of Texas A&M University, October 1993-present.
Appointed to Graduate Faculty, Baylor University, November 1987.

Professor of Biology, 1980-1986; Associate Professor of Biology, 1974-1980; Assistant Professor of Biology, 1970-74; and member of Institute of Arthropodology and Parasitology, Georgia Southern College, Statesboro, Georgia 30460.

Acting Head, Department of Biology, Georgia Southern College, Statesboro, Georgia 30460, 1979-80.

Appointed to Graduate Faculty, Georgia Southern College, September 1971.

Coordinator of Institute of Arthropodology and Parasitology. Georgia Southern College, Statesboro, Georgia 30460, 1971-1983.

Visiting lecturer, Faculty of Medicine, University College, Dar es Salaam, Tanzania, 1969-70.

Entomologist/Geneticist with World Health Organization at East Africa Aedes Research Unit, Dar es Salaam, Tanzania, October 1968-August 1970. Studied and collected mosquitoes in Tanzania, Kenya, and Mauritius.

Research Assistant (NIH), University of Notre Dame, Summers of 1964-65, full time 1966-68 (genetics of Aedes aegypti and Aedes mascarensis -- under Dr. G.B. Craig, Jr.)

Teaching Assistant, University of Notre Dame, 1963-66.

HONORS:

The Society of the Sigma Xi, University of Notre Dame Chapter, associate member 1965, full member 1968.

Fellow of Texas Academy of Science, elected 1989.

1998 Mortar Board Circle of Achievement for Outstanding Professors

INDEXES AND BIOGRAPHIES:

American Men and Women of Science

Who's Who in the South and Southwest

Who's Who in the World

Who's Who in Science and Engineering

Who's Who in America

PROFESSIONAL COMMITTEE AND BOARD MEMBERSHIPS:

Appointed to Craft Advisory Committee for the Medical Assistant Program at Swainsboro Area Vocational-Technical School (1982-1986)

Board of Directors of The Biological Research Institute of America, Inc. (1973-1979), Advisory Board (1979-present).

Editor of Newsletter for the Biological Research Institute of America, Inc. (1967-77).

Resolutions committee of the American Mosquito Control Association (1973-74).

Appointed Advisor to the North American Beetle Fauna Project (28 February 1973).

Secretary of Georgia Southern College Chapter of AAUP (1972-73).

Board of Directors, Georgia Southern College Chapter of AAUP (1976-77).

Member of Faculty Senate, Georgia Southern College (1977-78), (1984-86).

Finance Chairman, Local Arrangements Committee, Association of Southeastern biologists (1974).

Nominating Committee for Section D of Entomological society of America (1974).

Chairman, board of Directors, In-As-Much Project, Inc. Statesboro, Georgia (July 1975-September 1976).

Consultant, International Center for Insect Physiology and Ecology, Mosquito Biology Unit, Mombasa, Kenya. (1970-1977).

Managing Director of the "Mosquito Biology Project" of the Biological Research Institute of America, Inc. (March 1975-1986).

Consultant, Insect Control and Research, Inc., Baltimore, MD.

Consultant, International Resources Consultants, Inc., Washington, DC (1985-present).

Editorial Consultant to: Burgess Publishing Co.; Holt, Rinehart and Winston; Wadsworth Publishing Co.; Wm. C. Brown Publishers; Macmillan Publishing Co.; John Wiley & Sons, Inc.; Worth Publishers, Inc.

Member of Editorial Board of the Journal Mosquito Systematics (1980-1983).

Secretary of Georgia southern College Club of Sigma Xi (1980-1982).

Board of Directors, Bulloch County Wildlife Club (1983-1985).

Chairman of Editorial Board of the Journal of the American Mosquito Control Association (Mosquito News) (1984-1987).

Member of Publications committee, American Mosquito Control Association (1984-1987), (1988-91). (Chairman, 1989-91).

Senior Consultant, HELP Program; TIFA, Illinois Natural History Survey (1985-present).

Member, Board of Directors, Baylor Research Institute, Dallas TX (1987-1992).

Consultant, University Research Corporation, Bethesda, MD (1989-present).

Secretary, Texas Mosquito Control Association (1991-1992).

Member, Brazos Basin Technical Advisory Committee (1991-present).

Member, Board of Directors, Texas Mosquito Control Association (1991-1999).

2nd Vice President, Texas Mosquito Control Association (1995).

1st Vice President, Texas Mosquito Control Association (1996).

President-Elect, Texas Mosquito Control Association (1997).

Member, Editorial Board of the Journal of the American Mosquito Control Association (1996-1998).

President, Texas Mosquito Control Association (1998).

Member, Board of Directors (Past President), Texas Mosquito Control Association (1999).

Member, Science & Technology Committee, American Mosquito Control Association (2000-2001)

Member, Special Publications Committee, American Mosquito Control Association (2000-2001)

Member, Special Publications Board (Subcommittee of Publications Committee), American Mosquito Control Association (2002-2003)

Member, Board of Directors, Texas Mosquito Control Association (2004-present).

2nd Vice President, Texas Mosquito Control Association (2006)

SCIENTIFIC AND PROFESSIONAL SOCIETY MEMBERSHIPS:

American Mosquito Control Association

Louisiana Mosquito Control Association

Texas Mosquito Control Association

Sigma Xi

Georgia Mosquito Control Association (charter member)

Texas Academy of Science (Fellow)

The Society for Vector Ecology

ACHIEVEMENTS IN TEACHING:

Assisted in laboratory courses (undergraduate and graduate level) in general biology, genetics, invertebrate zoology, limnology; University of Notre Dame, Notre Dame, Indiana (1963-66).

Professor of Biology, Georgia Southern College, Statesboro, Georgia. Courses taught: General Biology, General Zoology Laboratory, General Botany, Laboratory. Following taught on undergraduate and graduate level: Genetics, Cytogenetics, Advanced Genetics, Human Genetics, Evolution, Special Problems. Coordinator of General Biology courses.

Faculty Advisor, BioScience Club, Georgia Southern College (1971-74).

Faculty Advisor, Circle K International Club, Georgia Southern College (1978-1982).

Professor of Biology, Baylor University, Waco, Texas. Courses taught: General Biology, Genetics, Cytogenetics, Human (Medical) Genetics, Genetics Seminar, Seminars in Biology, Biomedical seminar, Microbiology, Topics in Evolution.

Faculty Sponsor, Sigma Psi chapter of Lambda Chi Alpha, Baylor University (1986-1991).

Faculty Sponsor, Emergency Medical Services, Baylor University (1987-1994).

RESEARCH PROJECT PARTICIPATION:

Georgia Southern College faculty Research Fund (1970-71 academic year); "Comparative Genetics of Stegomyia mosquitoes."

Grant-in-Aid of Research from Sigma Xi (1971-72 academic year); "Comparative Genetics of Stegomyia Mosquitoes."

Georgia Southern College Faculty Research Fund (1973-74 academic year); "Transmission and biochemical genetics of the mutant white-larva (wl) in the mosquito Toxorhynchites brevipalpis."

Georgia Southern College Faculty Research Fund (1974-75 academic year); grant for publications costs.

Georgia Southern College Faculty Research Fund (1975-76 academic year); grant for publications costs.

Georgia Southern College Faculty Research Fund (1976-77 academic year); "Induction of heritable changes in mosquitoes by treatment with DNA."

Grant from Georgia Southern College Foundation, Inc. for the Mosquito Genetics Laboratory (1976-77 academic year).

Georgia Southern College Faculty Research Fund (1977-78 academic year); "Determination of chromosomal differences in two closely related mosquito species by Giemsa and quinacrine-fluorescence staining."

Georgia Southern College Faculty Research Fund (1979-80 academic year); "Reproductive Biology of Corethrella wirthi and C. brakeleyi."

Georgia Southern College Faculty Research Fund (1979-80 academic year); grant for publication costs.

Georgia Southern College Faculty Research Fund (1981-82, 1985-86 academic year); grant for publication costs.

National Science Foundation (1980-81), proposal no. CDP8017244; \$13,728. "Construction of Controlled Environment Room for Research on Genetics of Disease-Bearing Mosquitoes."

Georgia Southern College Foundation Fellowship (Summer 1982); "Genetic Characterization of Aedes aegypti Morphotypes."

National Science Foundation (1982-83), proposal no. PRM-8112911; \$7,603. "Acquisition of Densitometer."

Baylor University Research Committee (1987-88); Cytogenetic Comparison of the Mosquitoes Tx. amboinensis and Tx. brevipalpis (\$1,256).

RESEARCH INTERESTS: (past, current)

Culicidae, Chaoboridae, Corethrellidae and Simuliidae: Genetics, cytogenetics, reproductive biology, behavior, physiology, evolution, bionomics, systematics; genetic control of insects; vector-borne diseases; vector genetics.

GRADUATE FACULTY ACTIVITIES:

M.Sc Graduates: John R. Roberts, Jr. 1973. Thesis Title: Proboscipedia, a homeotic mutant in Aedes aegypti (L.) (Diptera: Culicidae).

Kim W. Johnston. 1976. Thesis Title: Polygenic inheritance of variation in scale pattern of the abdominal sterna of Eretmapodites quinquevittatus.

Cynthia K. Meeks. 1978. Thesis Title: Polygenic inheritance of abdominal tergal scale pattern in Aedes aegypti (L.) (Diptera: Culicidae).

Roger Gary Branch, Jr. 1982. Thesis Title: Morphotype and Isozyme Characterization of Selected Populations of Aedes aegypti (L.) (Diptera: Culicidae).

Adam M. Helleck. 1992. Thesis Title: Selected Bionomic Observations of Eretmapodites quinquevittatus Theobald (Diptera: Culicidae).

Katherine E. Maxey. 1993. Thesis Title: Cytogenetic Studies of the Mosquito Aedes (Howardina) bahamensis Berlin (Diptera: Culicidae) With Comparisons to Two Other Aedes Species.

India Ann Coleman. 1997. Thesis Title: Gregarine Parasitism of the Mosquito Eretmapodites quinquevittatus Theobald (Diptera: Culicidae).

Ph.D. Graduates: Adam M. Helleck. 1997. Thesis Title: Photosensitization of Eretmapodites quinquevittatus Theobald (Diptera: Culicidae) with Photofrin II®.

PRESENTED PAPERS: (Submitted)

Hartberg, W. K., and G. B. Craig, Jr. Gene-controlled morphological differences in male genitalia of Aedes aegypti and Aedes mascarensis. Entomological Society of America, New Orleans 1965.

Hartberg, W. K. Sexual isolation in Aedes aegypti and Aedes mascarensis. Entomological Society of America, Portland 1966.

Hartberg, W. K. Hybrid breakdown between Aedes aegypti and Aedes mascarensis. American Mosquito Control Association, New Orleans 1968.

- Gerberg, E. J., W. K. Hartberg, and M. Trpis. Anthropophily in Aedes aegypti (L.) from Tanzania, East Africa. American Mosquito Control Association, Portland 1970.
- Hartberg, W. K. Palp-extended, a new sex-linked mutant in Aedes aegypti. American Mosquito Control Association, Miami Beach 1972.
- Hartberg, W. K., and E. F. Beckemeyer. Polygenic inheritance of variation in scale pattern of the abdominal sternum of Eretmapodites quinquevittatus (Diptera: Culicidae). Southeastern Branch of Entomological Society of America, Savannah 1973.
- Roberts, John R., Jr., and W. Keith Hartberg. Genetic analysis of the homeotic mutant proboscipedia in Aedes aegypti (L.) (Diptera: Culicidae). Southeastern Branch of Entomological Society of America, Savannah 1973.
- Hartberg, W. K., E. J. Gerberg, and T. M. Hopkins. White larva, a mutant in Toxorhynchites brevivalpis (Diptera: Culicidae). Entomological Society of America, Dallas 1973.
- Hartberg, W. K., and K. W. Johnston. Red-eye, a sex-linked recessive mutant in Eretmapodites quinquevittatus (Diptera: Culicidae). Southeastern Branch of Entomological Society of America, Charleston 1977.
- Johnston, K. W., and W. K. Hartberg. Polygenic inheritance of variation in scale pattern of the abdominal sterna of Eretmapodites quinquevittatus (Diptera: Culicidae). Southeastern Branch of Entomological Society of America Charleston 1977.
- McKeever, S. and W. K. Hartberg. The female reproductive system of Corethrella brakeleyi and C. wirthi. American Mosquito Control Association, Salt Lake City 1980.
- Hartberg, W. K., and K. L. Godley. Small-antenna, a sex-linked recessive mutant in Eretmapodites quinquevittatus (Diptera: Culicidae). Entomological Society of America, Atlanta 1980.
- Hartberg, W. K., and S. McKeever. Preliminary observations on the mitotic chromosomes of Corethrella appendiculata (Diptera: Culicidae). American Mosquito Control Association, San Antonio 1981.
- Branch, R. G., Jr., W. K. Hartberg and R. J. Novak. Morphotype and Isozyme characterization of selected populations of Aedes aegypti. American Mosquito Control Association, Lake Buena Vista 1983.
- Hartberg, W. K. and J. H. Williams. The microcomputer alternative to genetics laboratories at Georgia Southern College. Georgia University System Microcomputer Conference, Athens, Georgia 1983.
- Novak, R. J., D. J. Gubler, W. K. Hartberg and J. Fowler. Genetic analysis of 3 urban populations of Aedes aegypti and relationship to dengue virus susceptibility. The American Society of Tropical Medicine and Hygiene and The American Society of Parasitologists, San Antonio 1983.
- Hunter, R. D., W. K. Hartberg and R. L. Osburn. Spermatogenesis in the mosquito Eretmapodites quinquevittatus. American Mosquito Control Association, Seattle 1987.
- Duhrkopf, R.E., W.K. Hartberg and R. Novak. Determination of equilibrium frequencies for a polygenic trait in Aedes aegypti. American Mosquito Control Association, Denver 1988.
- Duhrkopf, R.E., W. K. Hartberg. Differences in male mating response to sound in Aedes aegypti and Aedes albopictus. Louisiana and Texas Mosquito Control Association, Shreveport 1989, and Texas Academy of

Science, San Marcos 1990.

- Hartberg, W. K. and M. M. Judy. Photosensitization of Mosquito Larvae with DHE. South Central Regional Mosquito Control Conference, Beaumont 1990.
- Helleck, A.M., W.K. Hartberg and D.S. Vodopich. Eretmapodites quinquevittatus: Development Times, Adult Life Span, Survivorship, and Mortality. Texas Mosquito Control Association, Houston 1991.
- Duhrkopf, R.E. and W.K. Hartberg. An Electrophoretic Comparison of Aedes bahamensis, Aedes aegypti, Aedes albopictus, and Eretmapodites quinquevittatus. American Mosquito Control Association, Corpus Christi 1992.
- Helleck, A.M. and W.K. Hartberg. Selected Bionomic Observations of Eretmapodites quinquevittatus Theobald. Texas Mosquito Control Association, San Antonio 1992.
- Helleck, A.M. and W.K. Hartberg. Comparison of Autogenous and Anautogenous Eggs of Eretmapodites quinquevittatus Theobald. Texas Mosquito Control Association, San Antonio 1992.
- Maxey, K.E. and W.K. Hartberg. Comparison of the Mitotic Metaphase Chromosomes of Aedes bahamensis Berlin to Aedes aegypti (Linnaeus) and Aedes albopictus (Skuse). Texas Mosquito Control Association, San Antonio 1992.
- Helleck, A.M. and W. K. Hartberg. Preliminary Observations on the Effect of Non-lethal Concentrations of DHE on Mosquito Larvae. Texas Mosquito Control Association, Dallas 1993.
- Helleck, A.M., W.K. Hartberg and R.S. Baldrige. Photosensitization of Eretmapodites quinquevittatus (Theobald) (Diptera: Culicidae) Eggs and Larvae with Dihematoporphyrin Ether (DHE). South Central Regional Mosquito Control Conference, Galveston 1995.
- Coleman, India Ann, W.K. Hartberg and A.M. Helleck. Gregarine Parasitism of the Mosquito, Eretmapodites quinquevittatus. South Central Regional Mosquito Control Conference, Galveston 1995.
- Helleck, A.M., W.K. Hartberg. Homeostatic Disruption in Mosquitoes by Photofrin II. Texas Mosquito Control Association annual meeting. Abilene, October 1996.
- Coleman, I.A., W.K. Hartberg and A.M. Helleck. A New Species of Gregarine Parasite in of Eretmapodites quinquevittatus or Cross-infection? Texas Mosquito Control Association annual meeting. Abilene, October 1996.
- Likitvong, K., J.K. Olson, W.K. Hartberg and R. Duhrkopf. Colonization of Two Geographically Different Strains of Culex salinarius. Texas Mosquito Control Association annual meeting. Abilene, October 1996.
- Likitvong, K., S.K. Olson, W.K. Hartberg and R. Duhrkopf. Hybridization Studies of Geographically Different Strains of Culex salinarius. Texas Mosquito Control Association annual meeting. Abilene, October 1996.
- Helleck, A.M., W.K. Hartberg. Adult Photosensitization of Eretmapodites quinquevittatus Theobald (Diptera: Culicidae) with Photofrin II. Texas Mosquito Control Association annual meeting. Beaumont, October 1997.
- Helleck, A.M. and W.K. Hartberg. Site of Photofrin II Photosensitization in Larvae of Eretmapodites quinquevittatus Theobald (Diptera: Culicidae). Texas Mosquito Control Association annual meeting. Beaumont, October 1997.

Rapier, Michelle, Lori Pfaff, Michael Barker, David Litke, Richard E. Duhrkopf and W. Keith Hartberg. Development of a County-wide Mosquito Surveillance Program for McLennan County, Texas. Texas Mosquito Control Association annual meeting. Waco, October 2003.

Pfaff, Lori, Michelle Rapier, Michael Barker, David Litke, W.Keith Hartberg and Richard E. Durhkopf. Surveillance, Species Diversity, and Arbovirus Activity in McLennan County, Texas, 2003-. Texas Mosquito Control Association annual meeting. Waco, October 2003.

Cuellar, Victoria, Richard E. Duhrkopf and W. Keith Hartberg. Habitat and Arboviral Trends in McLennan County, Texas. Texas Mosquito Control Association annual meeting. Laredo, October 2005.

Invited:

Hartberg, W. K. Observations on the mating behavior of Aedes aegypti in nature. Symposium on reproductive behavior of mosquitoes. Entomological Society of America, Miami Beach 1970.

Hartberg, W. K. Reproductive isolation in mosquitoes. Symposium on contributions of genetics to systematics. Eastern Branch of Entomological Society of America, Atlantic City 1972.

Moderator of symposium: Genetics of Mosquito Populations. Entomological Society of America, Minneapolis 1974.

Hartberg, W. K. Working paper on Reproductive Isolation and Phylogeny of Mosquitoes of the Genus Aedes. Conference on African Mosquitoes, Smithsonian Institution, Washington, D.C., July 1975.

Convener and Moderator of Symposium: Hybrid Sterility. XV International Congress of Entomology, Washington, D.C. August 1976.

Hartberg, W. K. Mosquito Genetics, Past, Present, Future. South Carolina Mosquito Control Association, Wampee, S.C., November 1980.

Gubler, D. J., R. J. Novak and W. K. Hartberg. Geographic variation in vector competence of Aedes aegypti for dengue viruses. XI International Congress for Tropical Medicine and Malaria, Calgary, September 1984.

Hartberg, W. K. Mosquito-borne diseases. Texas Mosquito Control Association Spring Workshop, Texarkana, April, 1987.

Hartberg, W.K. Why Mosquitoes? Talk presented to Baylor University Trustee Wives, Baylor University, March 1988.

Hartberg, W.K. Mosquito-borne diseases. Texas Mosquito Control Association Spring Workshop, Waco, March 1988.

Hartberg, W.K. Mosquito-borne Diseases. Urban Pest Control Workshop, Weslaco, TX, May 1988.

Hartberg, W.K. Future Trends in Mosquito-borne Diseases. Texas Public Health Association Gulf Coast Regional Meeting, Houston, October, 1988.

Hartberg, W.K. Why Mosquitoes? Ulysean Society, Baylor University, October 1988.

Hartberg, W.K. Current Research Projects at the Medical Entomology Laboratory at Baylor University. Louisiana Mosquito Control Association, Lake Charles, November 1988.

- Hartberg, W.K. Introduction to the Texas Mosquito Research Symposium. Texas Academy of Science, Beaumont, March 1989.
- Hartberg, W.K. Mosquitoes: The Wonder and the Worry. Conference for the Advancement of Science Teaching, Baylor University, Waco, TX, November 1989.
- Hartberg, W. K. Mosquito-borne diseases. Texas Mosquito Control Association Spring Workshop, Fort Worth, March 1990.
- Hartberg, W. K. Mosquito-borne diseases. Texas Mosquito Control Association Spring Workshop, Austin, March 1991.
- Hartberg, W. K. Mosquito-borne diseases. Texas Mosquito Control Association Spring Workshop, San Angelo, March 1993.
- Sohocki, M. M. and W. K. Hartberg. Molecular Evolution of Aedes albopictus (Skuse): A Review. Texas Mosquito Control Association, Dallas Oct. 1993.
- Hartberg, W.K. Mosquito-borne diseases. Texas Mosquito Control Association Spring Workshop, Brownsville, February 1994.
- Hartberg, W.K. Biology, Ecology and Public Health Importance of the Mosquito Aedes aegypti. Chapala Ecology Station, Ajijic, Jalisco, Mexico. August 1994.
- Hartberg, W.K. Mosquito-borne diseases. Texas Mosquito Control Association Spring Workshop, Amarillo, April 1995.
- Hartberg, W.K. Mosquito-borne diseases. Texas Mosquito Control Association Spring Workshop, Conroe, March 1996.
- Hartberg, W.K. Management and Control of Invading pests: Houseflies and their Relatives, Texas Mosquito Control Association Spring Workshop, Conroe, March 1996.
- Hartberg, W.K. Management and Control of Vertebrate pests: House mouse. Texas Mosquito Control Association Spring Workshop, Conroe, March 1996.
- Hartberg, W.K. Mosquito-borne diseases. Texas Mosquito Control Association Spring Workshop, Weslaco, February 1997.
- Coleman, India Ann and W.K. Hartberg. Gregarine Parasitism of the Mosquito: Eretmapodites quinquevittatus Theobald (Diptera: Culicidae). Texas Mosquito Control Association. Beaumont, October 1997.
- Hartberg, W.K. Mosquito-borne diseases. Texas Mosquito Control Association Spring Workshop, El Paso, February 1998.
- Hartberg, W.K. Members of the Genus, Corethrella (Diptera: Chaoboridae); Are They "Mosquitoes" or Not?!?. Texas Mosquito Control Association. Ft. Worth, October 1998.
- Hartberg, W.K. Mosquito-borne diseases. Texas Mosquito Control Association Spring Workshop, Kerrville, March 1999.

Hartberg, W.K. Mosquito-borne diseases. Texas Mosquito Control Association Spring Workshop, Corpus Christi, February 2000.

Hartberg, W.K. Mosquito-borne diseases. Texas Mosquito Control Association Spring Workshop, Jefferson, March 2002.

SEMINARS:

Hartberg, W. K. "A Mosquito Safari." Seminar presented to Alpha Epsilon Entomology Society, Department of Entomology, University of Georgia, October 1971.

Hartberg, W. K. "Reproductive Isolation in Mosquitoes." Seminar presented to Entomology Department, Virginia Polytechnic Institute and State University, October 1972.

Hartberg, W. K. "A Mosquito Safari." Seminar presented to Biology Department, Wabash College, March 1973.

Hartberg, W. K. "Reproductive isolation and phylogeny of Stegomyia mosquitoes." Seminar presented to Biology Department, University of Notre Dame, March 1973.

Hartberg, W. K. "An African Safari." Seminar presented to Governor's Honors Program, Wesleyan College, Macon, Georgia, July 1976.

Hartberg, W. K. "Mosquito Research." Seminar presented to Governor's Honors Program, Wesleyan College, Macon, Georgia, July 1977.

Hartberg, W. K. "Comparative Mosquito Genetics." Seminar presented to Agricultural Research Service, U.S. Department of Agriculture, U.S. Livestock Insects Laboratory, Kerrville, Texas, March 1981.

Hartberg, W. K. "Aedes aegypti morphotypes and disease transmission." Seminar presented to Biology Department, East Texas State University, August 1983.

Hartberg, W. K. "Current research projects at the Mosquito Genetics Laboratory, Georgia Southern College." Seminar presented to Biology Department, Baylor University, March 1986.

MEETINGS ATTENDED BY INVITATION:

Tall Timbers Conference on the Ecological Animal Control by Habitat Management, Tallahassee, Florida 1973.

Georgia Council on Entomology, Athens, Georgia 1973.

Conference on African Mosquitoes, Smithsonian Institution, Washington, D.C., 9-11 July 1975.

First International Seminar on Dengue Hemorrhagic Fever in the Americas, San Juan, Puerto Rico, 14-15 June 1985.

Texas Mosquito Control Association Spring Workshop, Texarkana, 15-16 April 1987.

Texas Mosquito Control Association Spring Workshop, Waco, March 21-24, 1988.

Urban Pest Control Workshop, Weslaco, TX, May 12-14, 1988.

Texas Public Health Association Gulf Coast Regional Meeting, Houston, Oct. 6, 1988.

Louisiana Mosquito Control Association, Lake Charles, Oct. 31-Nov. 2, 1988.

Conference for the Advancement of Science Teaching, Baylor University, Waco, TX, November 1989.

Texas Mosquito Control Association Spring Workshop, Fort Worth, March 1990.

Texas Mosquito Control Association Spring Workshop, Austin, March 1991.

Texas Mosquito Control Association Spring Workshop, San Angelo, March 1993.

Texas Mosquito Control Association Spring Workshop, Brownsville, Feb. 1994.

Texas Mosquito Control Association Spring Workshop, Amarillo, April 1995.

Texas Mosquito Control Association Spring Workshop, Conroe, March 1996.

Texas Mosquito Control Association Spring Workshop, Weslaco, February 1997.

Texas Mosquito Control Association Spring Workshop, El Paso, February 1998.

Texas Mosquito Control Association Spring Workshop, Kerrville, March 1999.

Texas Mosquito Control Association Spring Workshop, Corpus Christi, February 2000.

LANGUAGES:

Reading Knowledge: French

Some Speaking Knowledge: Swahili

REVIEWER FOR THE FOLLOWING JOURNALS:

Journal of the American Mosquito Control Association, Science, Journal of Medical Entomology, Evolution, Environmental Entomology, Canadian Journal of Genetics and Cytology, Mosquito Systematics, Journal of Economic Entomology.

Bulletin of the Society of Vector Ecologists.

PUBLICATIONS:

Hartberg, W. K. 1965. A new method for preserving adult mosquitoes. *Mosquito News* 25: 483.

Hartberg, W. K., and G. B. Craig, Jr. 1965. Gene-controlled morphological differences in male genitalia of Aedes aegypti and A. mascarensis. (Abstract). *Bulletin of the Entomological Society of America* 11: 171.

Hartberg, W. K. 1966. Sexual isolation in Aedes aegypti and Aedes mascarensis. (Abstract). *Bulletin of the Entomological Society of America* 12: 301.

- Hartberg, W. K., and G. B. Craig, Jr. 1966. Arthropods and disease. *Medical Technologists Digest* 2: 159-162.
- Hartberg, W. K., and J. G. Gilbey. 1967. Malaria I. *Medical Technologists Digest* 3: 61-66.
- Gilbey, J.G., and Hartberg, W.K. 1967. Malaria II. *Medical Technologists Digest* 3: 83-86.
- Hartberg, W. K., and G. B. Craig, Jr. 1968. Reproductive isolation in *Stegomyia* mosquitoes. I. Sexual isolation between *Aedes aegypti* and *A. mascarensis*. *Annals of the Entomological Society of America* 61(4): 865-870.
- Hartberg, W. K. 1969. Genetical assessment of taxonomic characters of *Aedes aegypti* (L.) in Tanzania. WHO/VBC/69.152.
- Hartberg, W. K. 1970. Hybridization between *Aedes simpsoni* and *Aedes woodi* with observations on the genetic basis of morphological differences. WHO/VBC/70.216.
- Hartberg, W. K. 1970. Observations on the mating behavior of *Aedes aegypti* in nature. WHO/VBC/70.217.
- Hartberg, W.K., and E.J. Gerberg. 1970. Laboratory Colonization of *Aedes simpsoni* (Theobald) and *Eretmapodites quinquevittatus* Theobald. WHO/VBC/70.210.
- Hartberg, W. K., and G. B. Craig, Jr. 1970. Reproductive isolation in *Stegomyia* mosquitoes. II. Hybrid breakdown between *Aedes aegypti* and *A. mascarensis*. *Evolution* 24(4): 692-703.
- Hartberg, W. K., and E. J. Gerberg. 1971. Laboratory colonization of *Aedes simpsoni* (Theobald) and *Eretmapodites quinquevittatus* Theobald. *Bulletin of the World Health Organization* 45: 850-852.
- Trpis, M., W. K. Hartberg, C. Teesdale, and G. A. H. McClelland. 1971. *Aedes aegypti* and *Aedes simpsoni* breeding in coral rockholes on the coast of Tanzania. *Bulletin of the world Health Organization* 45(4): 529-531.
- Hartberg, W. K. 1971. Observations on the mating behavior of *Aedes aegypti* in nature. *Bulletin of the World Health Organization* 45: 847-850.
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