

# CURRICULUM VITAE OF JAMES H. TROSPER

## Education.

**A. B., Indiana University**, Bloomington, IN Major: Zoology

**M. S., University of Georgia**, Athens, GA Major: Entomology. Thesis: The effect of free amino acids and para-amino benzoic acid on the development of *Plasmodium gallinaceum* Brumpt in *Aedes aegypti* and *Culex pipiens pipiens* with studies on the longevity and fecundity of *A. aegypti* infected with *P. gallinaceum*.

**Ph.D., University of Georgia**, Major: Entomology. Dissertation: The effects of exposure to the mosquito hemocoel on exoerythrocytic *Plasmodium fallax* grown in vitro and on gametogenesis in *P. fallax* and *P. lophurae*. .

## Professional Societies.

Entomological Society of America

American Mosquito Control Association

Maryland Entomological Society

## Honor Societies.

Phi Beta Kappa

Sigma Xi

Phi Kappa Phi

**Professional Positions** as a commissioned officer in the Medical Service Corps of the United States Navy.

**Title:** Head, Training Department

**Duty station:** Navy Disease Vector Ecology and Control Center

**Location:** Alameda, CA

**Dates:** July 1974 to June 1976

### Duties:

--Managed and supervised training programs in medical entomology and pest management for Navy preventive medicine technicians, hospital corpsmen, Department of Defense civilian pest control operators, and military reserve personnel.

**Title:** Head, Entomology Department

**Duty station:** Naval Medical Research Unit No. Two

**Location:** Taipei, Taiwan **Dates:** July 1976 to April 1979

### Duties:

--Supervised 2 military and 3 civilian staff.

--Conducted laboratory and field research on mosquito-borne viruses prevalent in the Philippines.

--Conducted field and laboratory research on the control of scrub typhus vectors in Taiwan.

--Consulted with Taiwanese and Philippine national health agencies.

**Title:** Head, Operations Department

**Duty station:** Navy Disease Vector Ecology and Control Center

**Location:** Alameda, CA

**Dates:** May 1979 to September 1981

**Duties:**

--Supervised 3 military and 2 civilian staff.

--Provided technical assistance and consultation on vector control, pest management and pesticide safety

to Navy, Marine Corps and Coast Guard Commands in western states and Alaska.

--Coordinated pest management activities at Navy and Marine Corps Commands with state mosquito abatement districts and health departments.

--Directed Center's applied entomological research program in the field evaluation of vector control equipment, and the testing of materials for cockroach control aboard naval vessels.

--Edited periodic newsletter on pest management to Navy Commands.

--As Center's safety officer implemented safety program to comply with OSHA, EPA and other safety regulations.

**Title:** Navy Representative.

**Duty station:** Defense Pest Management Information Analysis Center

**Location:** Forest Glen, MD

**Dates:** October 1981 to March 1983 and March 1987 to June 1991

**Duties:**

--Abstracted and coded scientific articles for retrieval from computer data base.

--Conducted computer literature searches on numerous technical data bases upon request.

--Provided technical consultation on pest management, vector control to the DoD and other federal agencies.

--Edited bimonthly technical information bulletin which was distributed throughout the DoD.

--Edited risk assessment documents on vector-borne diseases in countries worldwide.

--Edited technical manuals on vector control and pest management.

**Title:** Research Investigator.

**Duty station:** Naval Medical Research Institute, Malaria Branch

**Location:** Bethesda, MD

**Dates:** April 1983 to February 1987

**Duties:**

--Supervised one military and 4 civilian technical staff

--Managed a cell culture laboratory for the production of various life stages of human malaria parasites as part of a malaria vaccine program.

--Managed two insectary facilities including a high security insectary for the containment of mosquitoes infected with human and rodent malaria.

- Participated in human trials of a malaria vaccine.
- Coordinated research activities with laboratories in the U.S. Army, National Institutes of Health, national and international academic institutions.
- Served on committees for entomological research and arthropod repellent development for the Armed Forces Pest Management Board.
- Served as adjunct faculty member at the Uniformed Services University of the Health Sciences.

**Title:** Head, Entomology Department, Assistant Officer in Charge.

**Duty station:** Navy Environmental Preventive Medicine Unit No. Six

**Location:** Pearl Harbor, HI

**Dates:** July 1991 to July 1994

**Duties:**

- Provided technical consultation and training on vector control, pest management and pesticide safety to Navy and Marine Corps Commands throughout the Pacific.
- Directed an applied research program which included a study of the population dynamics of *Aedes albopictus*, and the monitoring of airborne concentrations of chlorpyrifos in food service areas of naval vessels after application for cockroach control.
- Authored articles for Unit's technical newsletter and a monthly column on pest management for the military housing newsletter.
- Acted as leader of Unit's Mobile Medical Augmentation Readiness Team which provided emergency preventive medicine assistance during disaster relief and military operations worldwide.
- Periodically assumed all responsibilities for the command of EPMU No. Six which employed 51 military and civilian personnel.

**Adjunct faculty.**

Uniformed Services University of the Health Sciences

Bethesda, MD

1986 to 1999

**Employer:** Scientific Coordination Inc.

**Location:** Rockville, MD

**Dates:** 1996-present.

**Duties:**

- Provide entomological consultation to private companies and government agencies.