

Curriculum Vitae

Lieutenant Commander Peter Joseph Obenauer

Medical Service Corps, United States Navy

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Education

Master of Science, August 1998, *The University of Tennessee, Knoxville*

Major Entomology and Plant Pathology

Thesis Biological Mechanisms of Resistance in Selected of Lines of
Nicotiana tabacum L. to *Myzus nicotianae* Blackman

Bachelor of Science, May 1996, *Longwood University, Farmville, Virginia*

Major Biology and Secondary Education

Minor Earth Science

Certification Collegiate professional teaching license

Work Experience

Aug 2006 – Aug 2009

Position: Ph.D. Candidate (Duty Under Instruction), Department of Entomology
and Nematology, University of Florida, Gainesville.

Duties:

Nov 2003 – July 2006

Position: Entomologist, Department of Fleet Support
Navy Environmental and Preventive Medicine Unit 6
Pearl Harbor, HI

Duties: Coordinates all entomology and pest management matters, including
training, intelligence gathering and pesticide applicator certification and
field operations to afloat and shore Pacific commands. Head instructor for
shipboard pest management classes and DOD category 8 pesticide
certification.

June 2003 – October 2003

Position: Company Commander of Headquarters and Services Company, 1st
Medical Battalion, 1st Force Service Support Group, I Marine
Expeditionary Force (IMEF), Camp Pendleton, CA

Duties: Company commander responsible for 262 Marines and Sailors.
Responsible for all administrative, legal, and operational tasking to
support over 20 battalion programs, field exercises, and training sessions.
Realigned departments in preparation for Operation Iraqi Freedom II

deployment. Acted as the Executive Officer on numerous occasions during vacancy shortfalls.

February 2003 – May 2003

Position: Officer-in-Charge, Preventive Medicine Unit, Combat Service Support Group 16, 1st Force Service Support Group, IMEF, Camp Pendleton, CA

Duties: Officer in Charge of deployable preventive medicine units tasked with providing specialized preventive medicine services to 70,000 personnel during Operation Enduring Freedom and Operation Iraqi Freedom. Covered 3 vacant officer billets during wartime operations. Provided arthropod and vector control to 7 Forward Operating bases in Kuwait. Initiated a mosquito control program at Ali al Salem Airbase, resulting in over 14 acres of mosquito infested marshland being treated. Provided critical guidance on infectious diseases carrying insects in Iraq to units responsible for the care of over 6,000 EPW's.

August 2001 – January 2003

Position: Section Head, Preventive Medicine Unit, 1st Medical Battalion, 1st Force Service Support Group, I MEF, Camp Pendleton, CA

Duties: Led 1 officer and 12 preventive medicine technicians. Provided medical Entomology / pest control consultative services to IMEF. Implemented a cooperative mosquito surveillance project resulting in documenting over 10,000 specimens. Developed the preventive medicine appendix for the 1003V OPLAN. Drafted guidance on uniform spray operations for the MEF, procured funding, equipment, and supplies to support the spraying of over 50,000 uniforms with permethrin. Served as the coordinator for 1st Force Service Support Group subject matter expert for resumption of the anthrax program. Battalion safety officer, presented safety briefs, implemented safety initiatives resulting in a 20% reduction in class D mishaps.

September 2000 – July 2001

Position: Assistant Section Head, Preventive Medicine Unit 1st Medical Battalion, 1st Force Service Support Group, I MEF, Camp Pendleton, CA

Duties: Provided health services support to the operating units of IMEF. Assisted the department head in implementing base-wide food service inspections.

September 1998 – August 2000

Position: Medical Entomologist, Operations Department
US Navy Disease Vector Ecology Control Center, Bangor, WA

Duties: Led three preventive medicine technicians, and one civilian small engine mechanic. Provided disease vector identification, survey, and control assistance for Navy assets in the western U.S., Pacific and Asia. Specific programs overseen include: Center's facility pest management review programs and shipboard pest control assistance programs for US Navy and Coast Guard facilities and ships in the Pacific Northwest, North Eastern California, and Gulf Coast Texas; Plague and hanta virus abatement program at USMC Mountain Warfare Training Center in Bridgeport, CA; Operational Entomology Training program at Pearl Harbor HI, and Okinawa Japan. Responsible for training, equipping, and deploying Center's mobile vector control team. Acted as Center's HAZMAT officer, dealing with storage and transportation issues for a diverse array of pesticides. Assisted with instruction duties for disease vector control phase of Naval School Health Science's Preventive Medicine Technician school.

August 1996 – August 1998

Position: Graduate Research Assistant, The University of Tennessee, Knoxville, TN

Duties: Evaluated the effectiveness of soybean oil on scale insects on fruit trees. Evaluated 4 cultivars of aphid-resistant tobacco lines to determine mechanisms of resistance in aphid populations. Assisted with testing the efficacy of ivermectin-treated corn on lone-star tick populations. Perform other duties as assigned by major professor.

January 1996 – May 1996

Position: Student Teacher, Cumberland High School, Cumberland, VA

Duties: Prepared and implemented lesson plans for three biology classes, including one AP class, one college-prep class, and one general for over 60 students; organized instructional audio-visual learning stations designed for multi-ability levels, and evaluated student performance.

August 1995 – April 1996

Position: Tutor, Longwood College Learning Center, Farmville, VA

Duties: Provided individual and group tutor sessions on basic concepts of biology, botany, and zoology

June 1992 – August 1993 (Summers only)

Position: Summer Staff Employee, Central Intelligence Agency, Langley, VA

Duties: Access to records at the SECRET clearance, general clerical duties as assigned, updated personal records and documents.

June 1989 – August 1990 (Summers only)

Position: Camp Counselor, Potomac School Summer Camp, Langley, VA

Duties: Supervised 25 – 30 campers ages 9-12, organized and directed daily field trips, taught classes on flora and fauna distribution of the Virginia piedmont.

Awards

Military

Navy Marine Corps Commendation Medal w/ Gold Star
Joint Service Achievement Medal
Navy Marine Corps Achievement Medal
Presidential Unit Citation Ribbon
Joint Meritorious Unit Citation Ribbon w/ Oak Leaf Cluster
Navy Unit Commendation Ribbon
Meritorious Unit Commendation Ribbon w/ bronze star
Fleet Marine Force Ribbon
National Defense Medal
Iraq Campaign Medal w/ Marine Corps Device
Global War on Terrorism Expeditionary Medal w/ Marine Corps Device
Global War On Terrorism Medal
Humanitarian Service Medal w/ Bronze star
Sea Service Deployment Ribbon
Navy Expert Pistol Medal

Academic

1st Place Southeastern Branch Ph.D. Competition, Entomological Society of America, Jacksonville, FL, March 2008
Entomological Society of America, Honorable Mention for Student Competition for the President's Prize - 2007
1st Place Southeastern Branch M.S. Competition, Entomological Society of America, Asheville, NC March 1998
Deans List, Longwood University, VA - 1995-1996
Scholes Scholarship, Longwood University, VA - 1995
Outstanding Science Education Student Award, VA Association of Science Teachers, VA - 1996
Walton Scholarship, Longwood University, VA - 1994

Training and Certifications

Military

Malaria Prevention and Control - October 2004
USMC Martial Arts Program, Tan Belt - July 2004
Military Cooperator Training, Customs and Border Protection
Cooperative Agriculture - January 2004
DOD Pest Applicator Certification - Category 8 - January 2004
Intermediate Officer Leadership Training Course - October 2003

Management Development Course - September 2002
Wilderness Medicine Course - July 2002
DOD Hazardous Waste Handler Course - November 2001
Medical Regulating Course - October 2001
The Seven Habits of Highly Effective People Course - April 2001
USMC Operational Risk Management Application and Integration - April 2001
USMC Mishap Investigation and Prevention - November 2000
Combined Humanitarian Assistance Response Training - May 2000
Medical Management of Chemical and Biological Casualties Course - October 1999
Aerial Application of Pesticides - June 1999
DOD Pest Applicator Certification – Category 3,5,6,7,8 - June 1999
Operational Entomology Training Course - May 1999
Basic Officer Leadership Course - September 1998
Officer Indoctrination Course- September 1998

Military Deployments

Operation Unified Assistance – CSF 536, Jan 2005 – Feb 2005
Operation Iraqi Freedom II – CSSG-16/1st FSSG, Feb 2004 – Aug 2004
Operation Enduring Freedom / Iraqi Freedom – CSSG 15, Jan 2003 – May 2003
Operation Build Hope – Joint Task Force, Dec 1998 – Feb 1999

Memberships and Significant Positions

Society for Vector Ecology, 2007 - present
Florida Entomological Society, 2006 - present
American Mosquito Control Association, 2005 - present
U.S. Navy Entomology Steering Committee, NEPMU 6 representative,
July 2004- 2006
Entomological Society of America, 1996 – present
Gamma Sigma Delta – Honor Society of Agriculture, 1997 - 1998
Tennessee Entomological Society, 1996 – 1998
Virginia Association of Science Teachers, 1996 – 1998
Entomology Graduate Student Association, President, 1997 – 1998
Beta Beta Beta – Biological Honor Society, 1994 – 1996
Biology Club, Secretary, 1995 – 1996

Community Outreach Presentations

Insect Presentation. What are Insects? Our Savior Middle School, Gainesville, FL, June 2007
Insect Presentation. “Insects are Cool”. Kam’aina Preschool. Pearl City, Hawaii, February 2006
Insect Presentation. “Insects are Cool”. Calvary Preschool. Kaneohe Bay, Hawaii, January 2006
Insect Presentation. “How to collect and mount Insects” Pearl Harbor Christian Academy, Pearl Harbor, HI, May 2005
Insect Presentation. “Bugs in the System” Cooks Elementary School,

Chula Vista, CA, May 2002
Insect Presentation “Good vs. Bad” Alamosa Elementary School,
Oceanside, CA, April 2001
Kitsap County Surface and Storm Water Management, Bangor, WA, identified over 100
aquatic insect specimen for the county, 1999 – 2000
Insect Presentation “The Insect Zoo” Navy DVECC, Bangor, WA, May 1999
Hunting Insects. Clarkeville Youth Camp, Clarkeville, TN, June 1998
Insect Walk. Ilams Nature Center, Knoxville, TN 1998
Insects are Fun! Agriculture Day, The University of Tennessee, Knoxville, TN, 1997

Professional Presentations

- Obenauer, P.J., P. E. Kaufman and S. A. Allan. Oviposition response of *Aedes albopictus* (Diptera: Culicidae) to North-Central Florida Plants, Entomological Society of America Southeastern Branch 82nd Annual Meeting, Mar 2008, Jacksonville, FL.
- Obenauer, P. J. and P. E. Kaufman. *Aedes albopictus* (Diptera: Culicidae) trap performance at different Heights in Sylvatic and suburban locales, Entomological Society of America 55th Annual Meeting, Dec 2007, San Diego, CA.
- Obenauer, P. J. Entomology and Contingency Operations: How to Support Today’s Deployed War-Fighter, Florida Entomological Society, July 2007, Sarasota, FL.
- Obenauer, P. J. and W.W. Kanour, Jr. Operation Iraqi Freedom: Navy Entomology Supporting the Marines. Entomol. Soc. Am., Dec 2005, Fort Lauderdale, FL.
- Obenauer, P. J. Field Medical Entomology. Navy Environmental Health and Independent Duty Corpsman Conference, Mar 2002, Norfolk, VA.
- Obenauer, P. J. Entomology Experiences with the Fleet Marine Forces. (Military Symposium) Ann Meet; Entomological Society of America, Dec 2001, San Diego, CA.
- Obenauer, P. J. Field Medical Entomology. Navy Environmental Health and Independent Duty Corpsman Conference, Mar 2001, San Diego, CA
- Obenauer, P. J. The Prevalence of Hantavirus on West Coast Naval Installations. Navy Environmental Health and Independent Duty Corpsman Conference, Mar 2000, Norfolk, VA.
- Obenauer, P. J. Vector Control in Nicaragua. Preventive Medicine Conference, April 1999, Bremerton, WA.
- Obenauer, P. J. Insect Conservation. (Student Symposium) Ann Meet, Southeastern Branch, Entomol. Soc. Am., Mar 1998, Chattanooga, TN.
- Obenauer, P. J. and C. D. Pless. The Biological Mechanisms of Resistance of *Myzus nicotianae* to *Nicotiana tabacum*. Ann Meet., Southeastern Branch, Entomol. Soc. Am., Mar 1998, Chattanooga, TN.
- Obenauer, P. J. The Biological Mechanisms of Resistance of *Myzus nicotianae* to *Nicotiana tabacum*. Ann Meet., Tennessee Entomol Soc., 1997 Nashville, TN.
- Obenauer, P. J. Teaching Entomology in Tennessee High Schools. (Student Symposium) Ann Meet., Southeastern Branch, Entomol. Soc. Am., Mar 1997 Asheville, NC