

Member - Triple 'S' Pest Services Entomology Team

Timothy J. McGonegal

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Experience:

July 2016 – Present
Scientific Coordination, Inc.
Warrenton, VA

Consultant

- Assist clients with contracts and operational needs.
- Board Certified Entomologist by The Entomological Society of America
- Expert pest identification with quick turn-around.
- “Ask the Expert” e-mail consults.
- Contract management entomologist support for commercial contracting, Federal and other.
- Major contract bid development with technical description of proposed IPM plans.
- Curriculum development and participation in annual certification training.
- Development of handouts appropriate for marketing various pest services.
- Initial training of new pest management technicians.
- Review and development of pest management protocols.

April 2010 – July 2016
Prince William County Public Works – Mosquito and Forest Pest Management,
Manassas, VA

Branch Chief

- Coordinate and manage all aspects of the forest pest surveillance and mosquito control programs. This includes public education efforts, adult and larval surveillance, mosquito control techniques and citizen complaint investigations.
- Prepare and manage the budget.
- Purchase the proper control products and equipment.
- Implemented an IPM approach to the mosquito control program which included development of a better, more focused larvicide program.
- Designed and implemented a mobile field data management system which allows better data collection and management. This system has increased the efficiency of our field work and customer service.
- Provide presentations to civic groups and home owner associations.
- Supervise 12 full time staff members
- Hold a VA Public Health Pesticide applicators license.

May 2008 – April 2010
Alexandria Health Department, Alexandria, VA

Environmental Health Biologist – 2008 – 2009

Vector Control and Prevention Program Supervisor – 2009-2010

- As the Biologist I assisted in everyday mosquito control operations, including complaint investigations, surveillance, and larval control.
- As the Supervisor I managed the vector control program which dealt with mosquito control, indoor air quality, rabies and bed bug issues.
- Implemented a catch basin surveillance and treatment plan that utilized GIS to mark catch basins that were mosquito habitat.
- Conducted mosquito identification and West Nile Virus testing on the RAMP system.
- Attended public outreach events to educate the public on mosquitoes, bed bugs, ticks and rabies.
- Responded to indoor air quality complaints that dealt with mold issues and advised tenants and landlords on proper clean up and prevention techniques.
- Responded to bed bug complaints and advised tenants and landlords on proper prevention and control techniques.
- Managed rabies submissions from Animal Control and advised and educated the public on rabies prevention.

Jan. 2006 – Jan. 2007

Adapco, Inc.

- Sales Representative in VA, NC and SC.
- Sold mosquito control chemicals and equipment.
- Calibrated and repaired equipment, set flow rates and tested droplet size.
- Conducted workshops on mosquito biology and control.
- Consulted with mosquito control programs on proper product use and application methods.

August 2002 – Jan. 2006 & Feb. 2007 – May 2008
Dare County Public Works, Manteo, NC

Vector Control Manager

- Coordinated and managed all aspects of the program. This included public education efforts, adult and larval mosquito surveillance, complaint investigations and adult and larval mosquito control techniques.
- Developed an IPM based program which included developing a County wide mosquito surveillance and larvicide program.
- Conducted mosquito field surveillance and larval control.
- Implemented the use of GPS monitoring systems for adult mosquito control applications.
- Responsible for record keeping and preparing the budget.
- Presented to civic groups and City and County Commissioners.
- Held Public Health Pesticide Applicator and Structural Pest Control licenses.
- Conducted monthly and quarterly structural pest control treatments for 28 county buildings.
- Supervised 2 full time and 11 part time employees.

Education:

August 1993 – May 1997 Bowling Green State University, Bowling Green, Ohio
BS in Biology

August 2000 – May 2005 Bowling Green State University, Bowling Green, Ohio
Master of Science with a specialization in Entomology

Awards:

National Association of Counties Achievement Award – 2012 “Data Management in the Cloud”

Governor’s Technology Award – 2012 “Innovative Use of Technology in Local Government”

Professional Memberships:

American Mosquito Control Association
Virginia Mosquito Control Association
Virginia Association of Forest Health Professionals
Entomological Society of America