

VITA
Michelle E. M^cClanan

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(860) 295-0056

Education

- 1999-2002 Virginia Tech, Blacksburg, VA
- Masters of Agriculture and Life Sciences
- 1998-1999 Virginia Tech, Blacksburg, VA
- Bachelors of Science, Biology
- 1989-1993 Purdue University, West Lafayette, IN
- Bachelors of Arts, Communications

Honors and Awards

2002 Kosztarab Scholarship for Systematics

Professional and Honor Societies

Entomological Society of America
Phi Kappa Phi
Sigma Epsilon

Employment

- 1999-2002 Graduate Research Assistant
- Conduct trapping studies on plum curculio using various traps and lures.
 - Conduct research on the genetic differentiation of two populations of plum curculio using molecular techniques.
 - Conduct research on the strains of *Wolbachia* infecting three populations of plum curculio using molecular techniques
 - Collect trap data for codling moth, oriental fruit moth, redbanded leafroller, variegated leafroller, peachtree borer and lesser peachtree borer.
- 2000-2001 Summer Technician, Insect Identification Laboratory
- Identify insect samples
 - Recommend control measures
 - Assist clients who called into the lab with questions
 - Collect data for Africanized Honey Bee Survey
 - Update fact sheets and website

- Design websheets for gardening123.com
(<http://www.gardening123.com>)
- Transfer grower talks to PowerPoint™ format
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Teaching Experience

Mentored other students in learning and troubleshooting molecular laboratory techniques such as DNA extraction, RAPD-PCR, gene targeted PCR, and cloning.

Technical Publications

Pfeiffer, D. G., **M. G. M^cClanan**, and M. H. Rhoades. (In Press). Mating disruption of Internal Feeders in Apple- 2001. Proceedings of the 77th Cumberland-Shenandoah Fruit Workers Conference.

fact sheets for over 20 pests on gardening123.com website

Papers Presented at Scientific Meetings

M^cClanan, M. E., S. Luckhart, and D. G. Pfeiffer. 2001. *Wolbachia* and plum curculio. Eastern Branch of the Entomological Society of America. Ocean City, MD. March 11, 2002

M^cClanan, M. E., S. Luckhart, and D. G. Pfeiffer. 2001. *Wolbachia* in plum curculio strains. Entomological Society of America. San Diego, CA. December 8-12, 2001.

M^cClanan, M. E., S. Luckhart, and D. G. Pfeiffer. 2001. RAPD-PCR and *Wolbachia* in plum curculio, *Conotrachelus nenuphar* (Herbst) (Coleoptera: Curculionidae) strains. Proceedings of the 77th Cumberland-Shenandoah Fruit Workers Conference. Winchester, VA. November 15-16, 2001

M^cClanan, M. E., D. G. Pfeiffer and J. C. Killian. 2001. Three Summers of Trapping Plum Curculio, *Conotrachelus nenuphar* (Herbst) (Coleoptera: Curculionidae) in Virginia orchards. Proceedings of the 77th Cumberland-Shenandoah Fruit Workers Conference. Winchester, VA. November 15-16, 2001.

M^cClanan, M. E., S. Luckhart, D. G. Pfeiffer. 2001. Testing an old line with a new technique. Eastern Branch of the Entomological Society of America. Harrisburg, PA. March 2001.

M^cClanan, M. E., D. G. Pfeiffer and J. C. Killian. 1999. Differences in four baits used in trapping plum curculio (Coleoptera: Curculionidae)-1999. Proceedings of the 75th Cumberland-Shenandoah Fruit Workers Conference. Winchester, VA. November 18-19, 1999.

Invited Presentations

M^cClanan, Michelle. 2002. Shooting the RAPDs and other pitfalls of molecular techniques. Eastern Branch Entomological Society of America. Ocean City, MD. March 11, 2002.

Service on Committees

1999-2000 Admissions and Standards Committee
1999-2000 Transit Advisory Committee
2000-2001 Curriculum Committee

Other Department Activities

1999-2001 assisted with tours
2001 Linnaean Games Team
2001 Debate Team