

## **ABRIDGED CURRICULUM VITAE**

### **EDUCATION:**

- PhD (Entomology), Auburn University, Alabama 2006-2010  
Dissertation title: “*Ecology and management of plum curculio in Alabama peaches*”, Henry Fadamiro, advisor
- MSc. (Biology ), Western Kentucky University, Kentucky 2004-2006  
Thesis title: “*Description of a new genus and eight species of spider beetles (Coleoptera: Ptinidae) from South Africa*”, Keith Philips, advisor
- MPhil. (Entomology) University of Ghana, Accra, Ghana 1997-2000  
Thesis title: “*Management of Mediterranean fruit fly Ceratitis capitata using neem seed extract and proprietary insecticides*”
- BS (Agriculture): University of Ghana, Accra, Ghana 1992-1996  
Thesis title: “*Control of insect pests of cotton in southern Ghana*”.

### **PROFESSIONAL EXPERIENCE:**

- October 2016-date Research Associate, Rutgers University Agricultural Research and Extension Center, Rutgers University, New Jersey (*Developing IPM for peaches and apples; Target insects: Brown marmorated stink bugs, native stink bugs, plum curculio, Oriental fruit moth, and codling moth*). Supervisor: Dr. Anne Nielsen
- 2012-2016 Researcher and Lecturer, School of Agriculture, University of Ghana (*Developed IPM for pests of mango, citrus and vegetables*)
- 2010-2012 Postdoctoral Research and Extension Fellow, Auburn University (AU), Department of Entomology and Plant Pathology (*Developed IPM for plum curculio in peaches*). Supervisor: Dr. Henry Fadamiro

### **RELEVANT REFEREED ARTICLES RELATING TO WORK:**

1. **Akotsen-Mensah, C., & Fadamiro, H. Y.** (2015). Behavioral response of plum curculio, *Conotrachelus nenuphar* Herbst (Coleoptera: Curculionidae) to synthetic fruit volatiles and male-produced aggregation pheromone. *Psyche*. <http://dx.doi.org/10.1155/2015/350675>
2. **Akotsen-Mensah, C., Boozer, R., & Fadamiro, H. Y.** (2012). Influence of weed and soil management practices on soil dwelling stages of plum curculio in Alabama peaches. *Florida Entomologist*. 95 (4): 882-889
3. **Akotsen-Mensah, C., Boozer, R., & Fadamiro, H. Y.** (2011). Field evaluation of reduced insecticide spray programs for managing plum curculio, *Conotrachelus nenuphar* (Coleoptera: Curculionidae) in Alabama peaches. *Pest Management Science*. 67 (6): 626-632
4. **Akotsen-Mensah, C., Boozer, R., Appel A., & Fadamiro, H. Y.** (2011). Seasonal occurrence and development of degree-day models for predicting activity of *Conotrachelus nenuphar* (Coleoptera: Curculionidae) in Alabama peaches. *Annals of Entomological Society of America*. 104(2): 192-201
5. **Akotsen-Mensah, C., Boozer, R., & Fadamiro, H. Y.** (2010). Field evaluation of traps and lures for monitoring plum curculio (PC) *Conotrachelus nenuphar* Herbst (Coleoptera: Curculionidae) in Alabama peaches. *Journal of Economic Entomology*. 103(3): 744-753
6. Fadamiro, H. Y., **Akotsen-Mensah, C., Boozer, R., & Jacobi, J.** (2009). Crop profile for peaches in Alabama. [http://www.aces.edu/anr/ipm/old/crop\\_profiles/a\\_peaches.pdf](http://www.aces.edu/anr/ipm/old/crop_profiles/a_peaches.pdf)

### **EXTENSION UPDATES:**

7. **Akotsen-Mensah, C., & Boozer, R.** (2010). Plum curculio update from central Alabama. Alabama IPM Communicator, Alabama Cooperative Extension System. No. 4: page 5. [Online] <http://www.aces.edu/ipmcommunicator>
8. **Akotsen-Mensah, C., & Boozer, R.** (2010). Plum curculio update from central Alabama. Alabama IPM Communicator, Alabama Cooperative Extension System. No. 5: page 2. [Online] <http://www.aces.edu/ipmcommunicator>
9. **Akotsen-Mensah, C., & Boozer, R.** (2010). Peach pest update from central Alabama. Alabama IPM Communicator, Alabama Cooperative Extension System. No. 6: page 5. [Online] <http://www.aces.edu/ipmcommunicator>
10. **Akotsen-Mensah, C., & Boozer, R.** (2010). Peach pest update from Chilton Research and Extension Center. Alabama IPM Communicator, Alabama Cooperative Extension System. No. 7: page 5. [Online] <http://www.aces.edu/ipmcommunicator>

#### **SELECT MEDIA HIGHLIGHTS ON RESEARCH:**

1. My research on management of pests of peaches in Alabama was highlighted in Alabama Peach Orchard News. 2011. [http://www.aces.edu/mt/peachipm/archives/2011\\_03.php](http://www.aces.edu/mt/peachipm/archives/2011_03.php)
2. My research on management of pests of peaches in Alabama was highlighted in the AAES (Alabama Agricultural Experiment Station) Impact Newsletter, fall 2009 edition. Volume 7, No. The article was entitled "Study aims to control peach-eating weevils" <http://www.ag.auburn.edu/adm/comm/impact/documents/impact2009-fallb.pdf>
3. My work on peaches was highlighted in the IPM Practitioner: 2009. Page 12. <http://www.birc.org/JanFeb2009.pdf>
4. My work on peaches was highlighted in the Alabama Fruit and Vegetable Growers Association Newsletter in spring 2007. Vol. 1 (1): 2 [http://www.aces.edu/department/associations/afvga/AFVGA\\_ns\\_sp07.pdf](http://www.aces.edu/department/associations/afvga/AFVGA_ns_sp07.pdf)

#### **RELEVANT GRANT AWARDS/COLLABORATIONS:**

1. New Jersey Horticultural Society. Refining plum curculio predictive models in New Jersey. (PI, Dr. Anne Nielsen). **Amount awarded \$2,200.**
2. State of Alabama, Department of Agriculture and Industries-USDA Specialty Crop Block Grant-Farm Bill Program Participatory implementation of cost-effective pest management practices to enhance profitability and competitiveness of the Alabama Peach Industry 2010-2011. **PI:** Henry Fadamiro, Associate Professor of Entomology & IPM Coordinator, Auburn University; **Co-PIs:** Robert Boozer, Research & Extension Horticulturist, Auburn University; **Clement Akotsen-Mensah**, Research and Extension Associate, Entomology & IPM, Auburn University. Total amount funded is **(\$30,000).**
3. Alabama IPM Mini-grant award. - Field Evaluation of cultural management practices for the control of plum curculio *Conotrachelus nenuphar* Herbst (Coleoptera: Curculionidae) in Alabama Peach Orchards, **Clement Akotsen-Mensah**, Robert Boozer and Henry Fadamiro. Funded February 13, 2007-August 2008. Total amount funded is **\$3,500.** [http://www.aces.edu/anr/ipm/old/mini\\_grants/m\\_grant\\_07\\_08.pdf](http://www.aces.edu/anr/ipm/old/mini_grants/m_grant_07_08.pdf)