BIOGRAPHICAL SKETCH

Provide the following information for the key personnel and other significant contributors.
Follow this format for each person. **DO NOT EXCEED FOUR PAGES.**

NAME	POSITION TITLE
George Hamilton	Extension Specialist & Professor of Entomology
eRA COMMONS USER NAME	

EDUCATION/TRAINING *(Begin with baccalaureate or other initial professional education, such as nursing, and include postdoctoral training.)*

INSTITUTION AND LOCATION	DEGREE *(if applicable)*	YEAR(s)	FIELD OF STUDY
Eastern Conn. State College, Willimantic CT	B.S.	1979	Biology
University of Missouri, Columbia, MO	M.S.	1981	Entomology
Rutgers University, New Brunswick, NJ	Ph.D.	1985	Entomology

PROFESSIONAL EXPERIENCE

7/07 – Present Department Chair – Dept. of Entomology, Rutgers University
7/06 – Present Professor – UMDJ School of Public Health, Dept. of Environmental & Occupational Health
7/03 - Present Extension Specialist, Dept. of Extension Specialists, Rutgers University

COLLABORATORS AND AFFILIATIONS

Collaborators: Jeffrey Aldridge (USDA-ARS/Beltsville), Gary Bernon (USDA-APHIS), Gary Clark (USDA-ARS/Florida), Randy Gaugler (Rutgers), Ann Gould (Rutgers), James Lashomb (Rutgers), Daniel Kline (USDA-ARS/Florida), Michael Levy (U.Penn.), Mark Robson (Rutgers), Daniel Strickman (USDA-ARS), Peter Shearer (Rutgers), Ashot Krimian (USDA-ARS/Beltsville),

Affiliations:
American Association for the Advancement of Science
American Association of Pesticide Educators
Entomology Society of America

GRANTS (Last 4 years)

2007
New Jersey Information Network for Pesticide and Alternative Strategies. $15,000. NE IPM Center Partnership Grants.
Holding a Working Group Meeting for Setting Objectives for Wireworm IPM in the Mid-Atlantic States. 2007. NE IPM Center Partnership Grants.
NJ Mosquito Light Trap: Field Evaluation of Two Traps by Different Manufacturers for County IPM Mosquito Programs & Risk Analysis Model Suitability. $49,606. EPA Pesticide Environmental Stewardship Program.
IPM to Control Vector Ticks on Public Lands. $60,000. USDA NE Reg. IPM Grants.
Impact of Imidacloprid on Disease Severity and Vector Recolonization in Oaks susceptible to Bacterial Leaf Scorch. $7,500. Tree Research and Education Endowment.

2006
Technical Assistance & staff training for the JCHA IPM Program. $7,475. Jersey City Housing Authority.
Development of Surveys, Profiles and Strategy Plans for New Jersey Vegetables. $20,000. NE IPM Center Partnership Grants.
2006. New Jersey Information Network for Pesticide and Alternative Strategies. $20,265. NE IPM Center Partnership Grants.

Conducting a Blacklight Survey for Exotic Species of Wireworms and *Copitarsia* Moths. $19,987. USDA APHIS CAPS.
Conducting a Pheromone Trap Survey for Swede Midge. $25,993. USDA APHIS CAPS.
Design and Delivery of IPM Outreach to Low-Income Urban Neighborhoods. $108,791. USDA NE IPM Competitive Grants.

2005
Supporting a County Based Mosquito Identification Program. $33,000. Somerset County Mosquito Control Commission.
Conducting a Blacklight Survey for Exotic Species of Wireworms, *Copitarsia* moths and stink bugs. $19,998. USDA APHIS CAPS.
Developing Control Strategies for the Control of Stink Bugs in Peaches and Nectarines. $7,600. Pennsylvania Department of Agriculture.
A Multi-level Approach to Facilitate Large Scale Adoption of Parasitic Honey Bee Mite IPM Practices. $134,854. USDA Crops at Risk.

2004
Education and Utilization of Volunteers in Pest Detection Programs. $22,485. USDA APHIS Cooperative Agricultural Pest Survey.
Increasing Public Awareness about the Brown Marmorated Stink Bug. $20,000. NE IPM Center – Critical Issues.
Supporting a County Based Mosquito Identification Program. $30,000. Somerset County Mosquito Control Commission.
Conducting a Blacklight Survey for Exotic Species of Wireworms, *Copitarsia* moths and stink bugs. $20,000. USDA APHIS CAPS.
Estimation of Tree Loss and Economic Impact due to Bacterial Leaf Scorch in New Jersey. $15,000. USFS Forest Health Monitoring Project.

PUBLICATIONS (Last 4 Years)

Nielsen, A.L., G.C. Hamilton and M. Matadha. *In Press*. Rate Estimation and Life Table Analysis for Halyomorpha halys (Stål) (Hemiptera: Pentatomidae). Environmental Entomology.
Khriminian, A., P.W. Shearer, A. Zhang, G.C. Hamilton, and J.A. Aldrich. 2008. Field Responses of Invasive Brown Marmorated Stink Bug, Halyomorpha halys (Stal), to Geometric Isomers of Methyl 2,4,6-Decatrienate. J. Agricultural and Food Chemistry 56: 107-203.
Borjan, M., M.G. Robson, G.C. Hamilton, C. Brown, and R. Meyer. 2006. Trends Indicated by the New Jersey Pesticide Use Survey. Outlooks on Pest Management 17(4): 157-163.
Gregory, P., G. Hamilton, M. Borjan and M. Robson. 2006. Vulnerability Assessment of New Jersey's Food Supply to Invasive Species: The New Jersey IMPORT Project. New Solutions 16(3): 273-283.
Gregory, P., G. Hamilton and M. Robson. 2005. The role of cooperative extension in homeland security. American Entomologist 51: 134-137.
Matadha, D., G.C. Hamilton and J.H. Lashomb. 2005. Ovipositional preferences and functional response of parasitoids of euonymus scale, *Unapis euonymi* (Comstock) and *Quadraspidiotus perniciosus* (Comstock) (Homoptera: Diaspidae). Biological Control 32: 337-347.
Gould, A. B., Hamilton, G., Vodak, M., Grabosky, J., and Lashomb, J. 2004. Bacterial leaf scorch of oak in New Jersey: incidence and economic impact. Phytopathology 94:S36. Publication no. P-2004-0237-AMA.
Matadha, D., G.C. Hamilton and J.H. Lashomb. 2004. Effect of temperature on development, fecundity and life table parameters of *Encarsia citrina* Craw (Hymenoptera:Aphelinidae), a parasitoid of euonymus scale, *Unaspis eunymi* (Comstock) and *Quadraspidiotus perniciosus* (Comstock) (Homoptera: Diaspidiae). Environmental Entomology 33: 1185-1191.
Shrewsbury, P.M., J.H. Lashomb, G.C. Hamilton, J. Zhang, J.M. Patt and R.A. Casagrande. 2004. The influence of flowering plants on herbivore – natural enemy populations dynamics in ornamental landscapes. International Journal of Ecology and Environmental Sciences 30: 23-33.