

## CURRICULUM VITAE

### PERSONAL INFORMATION

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Home Address	<b>10A, DIOGENOUS STR, 38445, VOLOS, GREECE</b>
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Date of birth	APRIL 21 <sup>ST</sup> 1980

### SCIENTIFIC WORK EXPERIENCE

July 2008 – Today	PhD Dissertation "Effects of age and other factors on the behavior of adult Mediterranean fruit flies", Laboratory of Entomology and Agricultural Zoology, Department of Agriculture, Crop Production and Rural Development, School of Agricultural Sciences, University of Thessaly, Volos, Greece.
May – December 2013	Conduction of bioassays for evaluating the attractiveness and effectiveness of insecticidal formulations using adult medflies.
September 2009 – December 2010	Scientific project: "Evolutionary demography of the Mediterranean fruit fly", funded by the National Institute of Aging (NIA) and the National Institute of Health (NIH).
July – December 2010	Scientific project: "The bio-demographic determinants of lifespan" funded by the National Institute of Aging (NIA) and the National Institute of Health (NIH).
2008 – January 2009 and October 2009 – January 2010	Teaching assistant of the courses "Agricultural Zoology" and "Stored product pests"
October 2008 – June 2012	Contribution and research assistance during the elaboration of 1 MSc and 4 undergraduate theses at the Laboratory of Entomology and Agricultural Zoology, University of Thessaly.

### EDUCATION AND TRAINING

September 2008 – June 2009	Acquisition of pedagogical training, General Department of Education, School of Pedagogical and Technological Education, Volos, Greece.
September 2005 – November 2007	Master of Science in "Novel systems of agricultural production in the Mediterranean area with emphasis on sustainable crop production and use of new technology", University of Thessaly, Volos, Greece. Master thesis entitled "Study of the diapause of a highland and a coastal population of the cherry fruit fly <i>Rhagoletis cerasi</i> (Diptera: Tephritidae)".
September 1999 – September 2004	Bachelor degree in Agriculture, Faculty of Agriculture, Aristotle University of Thessaloniki, Greece.
September 2003 – February 2004	Studies at the Universidad Politecnica de Valencia, Spain as an Erasmus student.

October 2002 – September 2003	Bachelor thesis entitled "Selection of mild isolates of Potato Virus Y (PVY) for their use in Cross Protection", Laboratory of Plant Pathology, Aristotle University of Thessaloniki.
July – August 2003	Practical training, Laboratory of Plant Pathology, Aristotle University of Thessaloniki. Detection of plant viruses using serological methods (ELISA).

## PUBLICATIONS

Physiological and biological patterns of a highland and a coastal population of the European cherry fruit fly during diapause. **Stella A. Papanastasiou**, David Nestel, Alexandros D. Diamantidis, Christos T. Nakas, Nikos T. Papadopoulos, *Journal of Insect Physiology* 57 (2011) 83-93.

Dual reproductive cost of aging in male medflies: Dramatic decrease in mating competitiveness and gradual reduction in mating performance. **Stella A. Papanastasiou**, Alexandros D. Diamantidis, Christos T. Nakas, James R. Carey, Nikos T. Papadopoulos, *Journal of Insect Physiology* 57 (2011) 1368-1374.

Effects of *Wolbachia* on fitness of the Mediterranean fruit fly (Diptera: Tephritidae). A. Sarakatsanou, A. D. Diamantidis, **S. A. Papanastasiou**, K. Bourtzis, N. T. Papadopoulos, *Journal of Applied Entomology* 135 (2011) 554-563.

Dietary effects on sex-specific health dynamics of medfly: Support for the dynamic equilibrium model of aging. Nikos T. Papadopoulos, **Stella Papanastasiou**, Hans-Georg Müller, Jane-Ling Wang, Wenjing Yang, James R. Carey, *Experimental Gerontology* 46 (2011) 1026-1030.

Estimating changes in mean population age using the death distributions of live-captured medflies. J. R. Carey, N. T. Papadopoulos, **S. A. Papanastasiou**, A. Diamantidis, C. T. Nakas, *Ecological Entomology* 37 (2012) 359-369.

Condition-dependent effects of mating on longevity and fecundity of female medflies: the interplay between nutrition and age of mating. **Stella A. Papanastasiou**, Christos T. Nakas, James R. Carey & Nikos T. Papadopoulos, *Plos One* 8(7) (2013): e70181

Description of *Rhagoletis cerasi* pupal developmental stages; Indications of prolonged diapause. **Stella A. Papanastasiou** and Nikos T. Papadopoulos, *Journal of Insect Science* (In Press).

## PARTICIPATION IN INTERNATIONAL MEETINGS

Effects of mating on reproduction and longevity of female medflies: the interplay between nutrition and age of mating. **Stella A. Papanastasiou**, Christos T. Nakas, James R. Carey and N. T. Papadopoulos. 1st Meeting of the Evolutionary Demography Society, Odense, Denmark. October 2013.

Age of mating and food affect the sexual receptivity and fitness of female Mediterranean fruit flies. **S. A. Papanastasiou** and N. T. Papadopoulos. 2nd International Symposium of TEAM (Tephritid Workers of Europe Africa and the Middle East), Kolymbari, Crete, Greece. July 2012.

Age affects the mating competitiveness of male Mediterranean fruit flies. **S. Papanastasiou**, A. Diamantidis, J. Carey and N. T. Papadopoulos. 8th International Symposium on Fruit Flies of Economic Importance, Valencia, Spain. September 2010.

Geographical distribution and population dynamics of the European cherry fruit fly, *Rhagoletis cerasi* (Diptera: Tephritidae) in Greece. K. Moraiti, **S. Papanastasiou**, A. Diamantidis, I. Kounatidis, P. Mavragani, K. Bourtzis, B. I. Katsoyannos, and N. T. Papadopoulos. IOBC meeting, Avignon, France. October 2008.

Population dynamics of the European cherry fruit fly (Diptera: Tephritidae) in a highland and a coastal area of Greece". Papadopoulos N. T., S. Andreou, A. Diamantidis and **S. Papanastasiou**. 7<sup>th</sup> International Symposium on Fruit Flies of Economic Importance, Salvador, Bahia, Brazil. September, 2006.

**PERSONAL SKILLS  
AND COMPETENCES**

OTHER LANGUAGES

English	PROFICIENCY OF MICHIGAN
Spanish	DIPLOMA SUPERIOR DE ESPANOL
French	CERTIFICAT DE LANGUE FRANCAISE

HOBBIES

Apiculture	AMATEUR BEEKEEPER: PRODUCTION OF HONEY AND OTHER BEE PRODUCTS
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**ADDITIONAL INFORMATION**

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