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EDUCATION

- 2003 – 2008: Ph.D. in Ecology and Evolutionary Biology. University of Arkansas, Fayetteville, AR, USA. Dissertation: Causes for sexual isolation in the *Drosophila buzzatii* species cluster. Advisor: Dr. William J. Etges. GPA 3.86.
- 2001 – 2003: M.S. in Genetics. São Paulo State University, São José do Rio Preto, SP, Brazil. Thesis: Morphological and structural changes related to programmed cell death in *Drosophila saltans* salivary glands. Advisor: Dr. Hermione E. M. C. Bicudo. GPA 4.0.
- 1997 – 2000: B.S. in Biological Sciences. São Paulo State University, São José do Rio Preto, SP Brazil. GPA 3.2.

EMPLOYMENT

- 09/2008 to present: NSF Postdoctoral Fellow. Department of Biological Sciences. University of Arkansas, Fayetteville, AR, USA.
- 08/2003 – 12/2005: NSF Graduate Research Assistant. Department of Biological Sciences. University of Arkansas, Fayetteville, AR, USA.
- 01/2008 – 08/2008: NSF Graduate Research Assistant. Department of Biological Sciences. University of Arkansas, Fayetteville, AR, USA.
- 08/2007 – 12/2007: Teaching Assistant. Evolutionary Biology Drill (3 sections). Course Instructor: Dr. Cynthia L. Sagers. University of Arkansas, Fayetteville, AR, USA.
- 05/2007 – 06/2007: Teaching Assistant. Principles of Biology (1 section). University of Arkansas, Fayetteville, AR, USA.
- 01/2007 – 05/2007: Teaching Assistant. Evolutionary Biology Drill (4 sections). Course Instructor: Dr. Jeffrey Silberman. University of Arkansas, Fayetteville, AR, USA.
- 08/2006 – 12/2006: Teaching Assistant. Evolutionary Biology Drill (3 sections). Course Instructor: Dr. Cynthia L. Sagers. University of Arkansas, Fayetteville, AR, USA.
- 01/2006 – 05/2006: Teaching Assistant. Evolutionary Biology Drill (3 sections). Course Instructor: Dr. William J. Etges. University of Arkansas, Fayetteville, AR, USA.
- 02/2001 – 02/2003: CAPES Graduate Research Assistant. Department of Biology. São Paulo State University, São José do Rio Preto, SP, Brazil.
- 01/1999 – 12/2000: CNPq Undergraduate Researcher (Scientific Initiation). Department of Biology. São Paulo State University, São José do Rio Preto, SP, Brazil.
- 08/2001– 12/2001: Teaching Assistant. Evolution (1 section). Course Instructor: Dr. Lilian M. Ravazzi. São Paulo State University, São José do Rio Preto, SP, Brazil.

AWARDS AND HONORS

Professor Delbert Swartz Endowed Graduate Fellowship for Outstanding Graduate Student. Department of Biological Sciences, University of Arkansas, Fayetteville, AR, USA. 2007. (\$1,000.00).

Graduate Dissertation Research Award. J. William Fulbright College of Arts & Sciences. University of Arkansas, Fayetteville, AR, USA. 2007. (US\$ 5,000.00).

Honorable Mention. Best undergraduate project in science. XII Scientific Initiation Conference (CIC), São Paulo State University. São José do Rio Preto, SP, Brazil. 2000.

PUBLICATIONS

Etges, W. J., **C. C. de Oliveira**, M. G. Ritchie, and M. A. F. Noor. 2009. Genetics of incipient speciation in *Drosophila mojavensis*. II. Host plants and mating status influence cuticular hydrocarbon QTL expression and G x E interactions. *Evolution* 63:1712-1730.

Etges, W. J., **C. C. de Oliveira**, E. Gragg, D. Ortiz-Barrientos, M. A. F. Noor and M. G. Ritchie. 2007. Genetics of incipient speciation in *Drosophila mojavensis*. I. Male courtship song, mating success and genotype x environment interactions. *Evolution* 61:1106-1119.

Etges, W. J., K. Over, **C. C. de Oliveira**, and M. G. Ritchie. 2006. Inheritance of courtship song variation among geographically isolated populations of *Drosophila mojavensis*. *Animal Behaviour* 71:1205-1214.

Oliveira, C. C., and Bicudo, H. E. M. C. 2006. A new nucleolar body appears in *Drosophila saltans* salivary gland cells before histolysis, in programmed cell death. *Journal of Insect Science* 6(44):1-7.

Dias, M. V., **Oliveira, C. C.**, and Bicudo, H. E. M. C. 2003. Morphometric changes of the *Drosophila saltans* salivary glands prior to and during apoptosis. *Drosophila Information Service* 86:95-97.

Oliveira, C. C., Bicudo, H. E. M. C., and Gaspar, J. O. 2000. Study of alterations in the polytene chromosomes and nucleoli in *Drosophila saltans* salivary glands related to programmed cell death using transmission electron microscopy. *Revista de Iniciação Científica*. São Paulo, v. 2, p. 15-20.

MANUSCRIPTS IN PREPARATION:

Oliveira, C. C., M. H. Manfrin, F. M. Sene, L. L. Jackson and W. J. Etges. Variation in epicuticular hydrocarbons among *Drosophila buzzatii* cluster species.

Oliveira, C. C., M. H. Manfrin, F. M. Sene and W. J. Etges. Evolution of courtship song variation among *Drosophila buzzatii* cluster species.

PRESENTATIONS AT SCIENTIFIC MEETINGS

Oliveira, C. C., Rajpurohit, S., Gibbs, A. G, and Etges, W. J. Ecological genomics of host plant adaptation and stress in desert *Drosophila*. Gordon Research Conference: Evolutionary and Ecological Functional Genomics. Tilton, NH. USA. 2009. Presenter: C. C. Oliveira.

Oliveira, C. C., Manfrin, M. H., Sene, F. M., and Etges, W. J. Phylogenetic analysis of cuticular hydrocarbon variation in cactophilic *Drosophila*. Annual Meeting of the Society for the Study of Evolution, Moscow, ID, USA. 2009. Presenter: C. C. Oliveira.

Oliveira, C. C., Manfrin, M. H., Sene, F. M., Jackson, L. L. and Etges, W. J. Comparative analysis of epicuticular hydrocarbons in the *Drosophila buzzatii* species cluster. American Genetics Association, Annual Symposium, Raleigh, NC, USA. 2008. Presenter: C. C. Oliveira.

- Etges, W. J., **C. C. de Oliveira**, E. Gragg, D. Ortiz-Barrientos, M. G. Ritchie and M. A. F. Noor. Ecological genetics of speciation in *Drosophila mojavensis*. Genetics of Speciation. American Genetics Association, Annual Symposium, Vancouver, Canada. 2006. Presenter: W. J. Etges.
- Etges, W. J., **C. C. de Oliveira**, E. Gragg, D. Ortiz-Barrientos, M. G. Ritchie and M. A. F. Noor. Ecological genetics of speciation in *Drosophila mojavensis*. Annual Meeting of the Society for the Study of Evolution, New York, NY, USA. 2006. Presenter: C. C. Oliveira.
- Etges, W., **Oliveira, C. C.**, Ortiz-Barrientos, D., and Noor, M.A.F. Genetics of sexual isolation in *Drosophila mojavensis*: QTL analysis. Annual meeting of the society for the study of evolution, Fairbanks, AK, USA. 2005. Presenter: W. J. Etges.
- Over, K., **C. C. de Oliveira**, M. G. Ritchie, and W. J. Etges. Genetic variation in courtship songs among geographically isolated populations of *Drosophila mojavensis*. 25th Midwest Ecology & Evolution Conference. Southern Illinois University, Carbondale, IL, USA. 2005. Presenter: C. C. Oliveira.
- Oliveira, C. C.**, and Bicudo, H. E. M. C. Study of puffs in *Drosophila saltans* salivary glands for analysis of chromosomal alterations related to programmed cell death. 48th National Genetics Conference, Águas de Lindóia, SP, Brazil. 2002. Presenter: C. C. Oliveira.
- Oliveira, C. C.**, Dias, M. V., Bicudo, H. E. M. C. and Gaspar, J. O. Analysis of chromosomal and nucleolar alterations in *Drosophila saltans* salivary glands related to programmed cell death using light and transmission electron microscopy. 47th National Genetics Conference, Águas de Lindóia, SP, Brazil. 2001. Presenter: C. C. Oliveira.
- Oliveira, C. C.**, and Bicudo, H. E. M. C. Alterations of the nuclear ultrastructure in *Drosophila saltans* salivary glands related to programmed cell death. 46th National Genetics Conference, Águas de Lindóia, SP, Brazil. 2000. Presenter: C. C. Oliveira.
- Oliveira, C. C.**, Bicudo, H. E. M. C. and Gaspar, J. O. Study of alterations in the polytene chromosomes and nucleoli in *Drosophila saltans* salivary glands related to programmed cell death using transmission electron microscopy. XII Scientific Initiation Conference (CIC), S. J. do Rio Preto, SP, Brazil. 2000. Presenter: C. C. Oliveira.
- Oliveira, C. C.**, and Bicudo, H. E. M. C. Morphological changes in the polytene chromosomes and nucleoli during programmed cell death in *Drosophila saltans* salivary glands. XI Scientific Initiation Conference (CIC), Botucatu, SP-Brazil. 1999. Presenter: C. C. Oliveira.
- Oliveira, C. C.**, Laranja, A. T., and Bicudo, H. E. M. C. Study of chromosomal and nucleolar alterations in *Drosophila saltans* salivary glands undergoing programmed cell death process. 45th National Genetics Conference, Gramado, RS, Brazil. 1999. Presenter: C. C. Oliveira.

CONFERENCES, MEETINGS AND SYMPOSIA ATTENDED

- Gordon Research Conference: Evolutionary and Ecological Functional Genomics, Tilton, NH, USA. 2009
- Annual Meeting of the Society for the Study of Evolution, Moscow, ID, USA. 2009.
- American Genetics Association, Annual Symposium, Raleigh, NC, USA. 2008.
- Annual Meeting of the Society for the Study of Evolution, New York, NY, USA. 2006.
- Annual Meeting of the Society for the Study of Evolution, Fairbanks, AK, USA. 2005.
- 25th Midwest Ecology & Evolution Conference, Carbondale, IL, USA. 2005.
- 48th National Genetics Conference, Águas de Lindóia, SP, Brazil. 2002.
- I IBILCE-UNESP Graduate Meeting, S. J. do Rio Preto, SP, Brazil. 2002.

- Real-Time PCR Symposium, S. J. do Rio Preto, SP, Brazil. 2002.
- V Genetics Symposium, S. J. do Rio Preto, SP, Brazil. 2002.
- 28th Colóquio de Incentivo a Pesquisa (CIP), S. J. do Rio Preto, SP, Brazil. 2001.
- II Symposium of Ecology, Genetics and Evolution of *Drosophila*, S. J. do Rio Preto, SP, Brazil. 2001.
- 47th National Genetics Conference, Águas de Lindóia, SP, Brazil. 2001.
- Neurogenetics Symposium, S. J. do Rio Preto, SP, Brazil. 2001.
- XVII Biology Week, S. J. do Rio Preto, SP, Brazil. 2001.
- 46th National Genetics Conference, Águas de Lindóia, SP, Brazil. 2000.
- XII Scientific Initiation Conference (CIC), S. J. do Rio Preto, SP, Brazil. 2000.
- XVI Biology Week, S. J. do Rio Preto, SP, Brazil. 2000.
- 10th Biologist Meeting, São Carlos, SP, Brazil. 1999.
- 26th Colóquio de Incentivo a Pesquisa (CIP), S. J. do Rio Preto, SP, Brazil. 1999.
- 45th National Genetics Conference, Gramado, RS, Brazil. 1999.
- Meeting of the Brazilian Genetics Society, Piracicaba, SP, Brazil. 1999.
- III Genetics Symposium, S. J. do Rio Preto, SP, Brazil. 1999.
- Satellite Symposium – Cancer prevention based on genetics and molecular epidemiology, S. J. do Rio Preto, SP, Brazil. 1999.
- XI Scientific Initiation Conference (CIC), S. J. do Rio Preto, SP, Brazil. 1999.
- XV Biology Week, S. J. do Rio Preto, SP, Brazil. 1999.
- 25th Colóquio de Incentivo a Pesquisa (CIP), S. J. do Rio Preto, SP, Brazil. 1998.
- II Genetics Symposium, S. J. do Rio Preto, SP, Brazil. 1998.
- XIV Biology Week, S. J. do Rio Preto, SP, Brazil. 1998.
- 24th Colóquio de Incentivo a Pesquisa (CIP), S. J. do Rio Preto, SP, Brazil. 1997.
- XIII Biology Week, S. J. do Rio Preto, SP, Brazil. 1997.

ADDITIONAL EDUCATION

- Principles of Quantitative Genetics. Summer Institute in Statistical Genetics. North Carolina State University, Raleigh, NC, USA. 16 hours. 2005.
- Quantitative Trait Locus Mapping I. Summer Institute in Statistical Genetics. North Carolina State University, Raleigh, NC, USA. 16 hours. 2005.
- Apoptosis. Graduate Program in Genetics. São José do Rio Preto, SP, Brazil. 16 hours. 2002.
- Chemistry Safety and Manipulation of Laboratory Residues. São Paulo State University, São José do Rio Preto, SP, Brazil. 16 hours. 2001.
- Ethics and Bioethics. São Paulo State University, São José do Rio Preto, SP, Brazil. 30 hours. 2000.
- Scanning Electron Microscopy. São Paulo State University, São José do Rio Preto, SP, Brazil. 16 hours. 2000.
- Physical Basis and Ecosystems of Bonito Regions. Pantanal Matogrossense, MS, Brazil. 40 hours. 2000.

Cytogenetics and Molecular Biology Techniques. São Paulo State University, São José do Rio Preto, SP, Brazil. 80 hours. 1998.

AFFILIATIONS

2007 – Present: The American Society of Naturalists.

2005 – Present: The Society for the Study of Evolution.

REFERENCES

Dr. William J. Etges. Department of Biological Sciences, SCEN 632. University of Arkansas, Fayetteville, AR 72701 USA. E-mail: wetges@uark.edu. Phone: (479) 575-6358.

Dr. Cynthia L. Sagers. Department of Biological Sciences, SCEN 632. University of Arkansas, Fayetteville, AR 72701 USA. E-mail: csagers@uark.edu. Phone: (479) 575-6349.

Dr. Hermione E. M. C. Bicudo. Departamento de Biologia, Universidade Estadual Paulista, 15054-000 São José do Rio Preto, SP, Brazil. E-mail: bicudo@ibilce.unesp.br. Phone: 55-17-3221-2377.