

ALI AFIFY

ali.aliafify@fulbrightmail.org

Tel: +201016524928

Webpage: <http://www.organismal-biology.uni-konstanz.de/faculty-students/students/afify/>

Education

- September 2014 **PhD** in Natural Sciences (Biology), University of Konstanz with the fellowship of the International Max Planck Research School for Organismal Biology.
- 2009 **M.Sc.** in Zoology and Agricultural Nematology, Faculty of Agriculture, Cairo University.
- 2001 **B.Sc.** in Plant Protection, Faculty of Agriculture, Cairo University.

Work Experience

- April 2016-Present **Postdoctoral Researcher** at the Department of Neuroscience, Johns Hopkins School of Medicine.
- April 2015- March 2016 **Postdoctoral Researcher** at the Applied Center for Entomonematodes, Cairo University.
- June 2011-July 2014 **Research assistant** at the department of Biology, University of Konstanz.
- January 2009-May 2010 **Research assistant** at the Applied Center for Entomonematodes, Cairo University.
- June 2008-January 2009 **Research assistant** at the Center for Vector Biology, Rutgers University.
- August 2007-May 2008 **Visiting scholar** at the Centre for Vector Biology, Rutgers University.
- January 2003-August 2007 **Research assistant** at the Applied Center for Entomonematodes, Cairo University.

Scholarships and Grants

- 2010 Received a **PhD scholarship** from the International Max Planck Research School (IMPRS) for Organismal Biology.
- 2007 Received a **Fulbright student grant** to join the Center for Vector Biology, Rutgers University for 9 Months as a “Visiting Scholar”.

Teaching, Presentations and Posters

- 2011–2014 Participated in **teaching** the “Animal Physiology” compact course for Bachelor students at the department of Biology, University of Konstanz.
- September 2013 Presented a **poster** at the “Grand Challenges in Communication in Social Communities” symposium at the Max Planck Institute for Ornithology in Seewiesen, Germany.
- March 2013 Presented a **poster** at the meeting of the German Neuroscience Society, Göttingen, Germany.
- September 2010 Gave a **talk** at the “Grand Challenges in Ecology and Evolution” symposium at the Max Planck Institute for Ornithology in Seewiesen, Germany.
- April 2008 Participated in organizing and gave a **talk** at the New Jersey Mosquito Biologists Working Group meeting at the Center for Vector Biology, Rutgers University.
- March 2008 Presented a **poster** at the New Jersey Mosquito Control Association meeting in Atlantic City, New Jersey
- November 2007 Gave a **talk** at the Department of Entomology, Rutgers University.
- January 2007 Participated in **teaching** at the International Graduate Workshop organized by the Applied Center for Entomonematodes, Cairo University.

Meetings and Conferences

- July 2014 Attended the **FENS forum of Neuroscience**, Milan, Italy.
- September 2013 Attended the “**Grand Challenges in Communication in Social Communities**” symposium at the Max Planck Institute for Ornithology, Seewiesen, Germany.
- March 2013 Attended the **Meeting of the German Neuroscience Society**, Göttingen, Germany.
- September 2012 Attended the “**Grand Challenges in Sexual Selection and Eco-Evolutionary Processes**” symposium at the University of Konstanz.

- September 2012 Attended and participated in organizing, the **Meeting of the German Zoological Society** at the University of Konstanz.
- October 2011 Attended the “**Grand Challenges in Behavioral Ecology and Neurobiology**” symposium at the University of Konstanz.
- March 2011 Attended the **Meeting of the German Neuroscience Society**, Göttingen, Germany.
- December 2010 Attended the **Olfaction mini symposium** at the Max Planck Institute of Biophysics, Frankfurt, Germany.
- October 2010 Attended the “**Grand Challenges in Ecology and Evolution**” symposium at the Max Planck Institute for Ornithology in Seewiesen, Germany.
- November 2009 Attended and participated in organizing Fulbright's "**Exchange inspires change: Knowledge Acquisition and Information Restructuring**" conference at the library of Alexandria, Egypt.
- March 2008 Attended the **New Jersey Mosquito Control Association Meeting** in Atlantic City, New Jersey.
- December 2007 Attended the **Entomological Society of America Meeting** in San Diego, California.
- January 2007 Attended and participated in organizing the **International graduate workshop** organized by the Applied Center for Entomonematodes, Cairo University.
- 2006 Attended the **International Conference for Scientific Research**, Cairo, Egypt.

Publications

- Afify, A.**, and C.G. Galizia. 2015. Chemosensory cues for mosquito oviposition site selection. *Journal of Medical Entomology*. DOI: 10.1093/jme/tju024.
- Afify, A.**, B. Horlacher, J. Roller, and C. G. Galizia. 2014. Different repellents for *Aedes aegypti* against blood-feeding and oviposition. *PLoS One* 9: e103765.
- Afify, A.**, and C. G. Galizia. 2014. Gravid females of the mosquito *Aedes aegypti* avoid oviposition on *m*-cresol in the presence of the deterrent isomer *p*-cresol. *Parasites & Vectors* 7: 315.
- Kesavaraju, B., **A. Afify**, and R. Gaugler. 2012. Strain specific differences in intraspecific competition in *Aedes albopictus* (Diptera: Culicidae). *Journal of Medical Entomology*. 49(5):988-92.

Kesavaraju, B., B. Alto, **A. Afify**, and R. Gaugler. 2010. Malathion influences competition between *Aedes albopictus* and *Aedes japonicus*. *Journal of Medical Entomology*. 47(6):1011: 1018.

El-Bishlawy, SH.M.O., **A.F.A. Afify** and M. M. Shamseldean. 2009. Description and factors affecting activities of the *Gammarus* sp., a crustacean predator of *Culex pipiens* mosquito larvae in Egypt. *Egyptian Journal of Biological Pest Control*, 19 (2): 99-104.

Kesavaraju, B., **A. Afify**, and R. Gaugler. 2009. Growth and survival of the invasive *Aedes albopictus* larvae on *Diospyros virginiana* (American persimmon) leaves. *Journal of Medical Entomology*. 46(3): 465-470.

Memberships

2007-Present Entomological Society of America

2014 German Neuroscience Society

Skills

Language skills Fluent in **Arabic** and **English**. Basic understanding of **German**.

Graphics software Good experience in working with **Photoshop** and **GIMP**.

Data analysis Working experience with **R** and **KNIME**.

Activities, Outreach and Volunteer Work

December 2014 **Attended** the “Product Innovation” workshop organized by GESR initiative, Cairo.

December 2014 **Attended** the “Commercialization & Technology Valuation” workshop organized by the Academy of Scientific Research and Technology, Cairo.

June 2013 Participated in **teaching** at the “Science goes public” and “Kids go science” programs, organized by the Max Planck institute of ornithology, Radolfzell, Germany.

June 2013 Did an **interview** with the German newspaper Südkurier: (<http://www.suedkurier.de/region/kreis-konstanz/radolfzell/Ali-Afifi-Der-Herr-der-Muecken;art372455,6134848.>)

February 2009 Did an **interview** with the Egyptian TV station OTV.

- November 2008 Did an **interview** with the Egyptian national radio.
- May 2008 Participated in **organizing** the Fulbright awards event in New York.
- 2007-2008 Participated in **teaching** to New York public school students in the Global Classroom program organized by "One to World".
- March 2008 Participated in **teaching** at the Opportunity Network workshop as a mentor for selected New York high school students.
- 2005 Participated in **teaching** at a program designed for orphans from my neighborhood in Cairo.

References

Prof. Dr. C. Giovanni Galizia
Professor of Neurobiology
Director of the Zukunftskolleg
University of Konstanz
D-78457 Konstanz, Germany
Email: giovanni.galizia@uni-konstanz.de

Prof. Dr. Randy Gaugler
Director
Center for Vector Biology
180 Jones Avenues
Rutgers University - School of
Environmental & Biological Sciences
New Brunswick, NJ 08901
Email: gaugler@rci.rutgers.edu

Prof. Dr. Muhammad Shamseldean
Director
Applied Center for Entomonematodes
Faculty of Agriculture
Cairo University
Email: mshams1954@yahoo.com

Dr. Christopher Potter
Johns Hopkins University School of Medicine
Solomon H. Snyder Dept of Neuroscience
Center for Sensory Biology
855 N. Wolfe Street
434 Rangos Building
Baltimore, MD 21205
Email: cpotter@jhmi.edu