

CURRICULUM VITAE

PERSONAL DATA:

Name: Tawfiq Froukh
E-mail: tfroukh@philadelphia.edu.jo

Date of birth: March 04, 1977
Marital status: Married (2 kids)

EDUCATION:

- Ph. D. in Molecular Ecology and Molecular Evolution (Biotechnology & Molecular Genetics) /University of Bremen/Germany, (2007).
- M.Sc. in Biology/University of Jordan, Jordan (2001)
- B.Sc. in Animal Production/University of Jordan, Jordan (1998)

TEACHING EXPERIENCE

(1) Assistant Professor at the department of biotechnology & genetic engineering, Philadelphia University. May 2008 up to now.

(2) Part time lecturer at the Dept. of Biotechnology/Faculty of Agriculture, Al-Balga Applied University, Salt/Jordan September 2007 – February 2008. I taught “Animal Biotechnology” to undergraduate level and “Biotechnology” to postgraduate level.

TRAINING:

- Participant in: 1st International Workshop in Marine Molecular Phylogenetics, Horta, Azores/Portugal. 01-07 September 2004.
- Participant in: The Course in Identification of Red Sea Organisms, Marine Science Station, Aqaba/Jordan 29 May – 08 June 2000.
- Participant in: Junior Course in Marine Sciences, Marine Science Station, Aqaba/Jordan 27 February - 08 March 2000.

PRESENTATIONS, POSTERS & CONFERENCES:

- Presentation in the First Middle Eastern Biodiversity Congress, Aqaba/Jordan 20-23 October 2008. “Genetic diversity of selected ornamental fish in the Red Sea”.
- Presentation in the International Conference on Rapid Urbanization and Land Use Conflicts in Coastal Cities, Aqaba/Jordan 30 October to 01 November 2007. “Conservation genetics of selected ornamental fish in the Red Sea”.

- Poster at the European Coral Reef Meeting, Bremen/Germany 19-22 September 2006. “Genetic population structure of the endemic Fourline Wrasse (*Larabicus quadrilineatus*) suggests limited dispersal distances in the Red Sea”
- Presentation in 7th Indo-pacific Fish Conference, Taipei/Taiwan 16-20 May 2005. “Gene flow and population genetic structure of the endemic fourline wrasse (*Larabicus quadrilineatus*) in Red Sea”
- Presentation in 6th Indo-pacific Fish Conference, Durban/South Africa 20-25 May 2001. “Larval development of *Spratelloides delicatulus* from the Gulf of Aqaba/Red Sea”
- Poster at 9th International Coral Reef Symposium, Bali/Indonesia 23-27 October 2000. “Fish Larvae from the Jordanian Coast of Gulf of Aqaba/ Red Sea”
- Presentation at the Center for Tropical Marine Ecology (ZMT) Colloquium, Bremen/Germany 19 July 2000. “Fish Larvae from the Gulf of Aqaba/ Red Sea”
- Lecture in the Course in Identification of Red Sea Organisms, Marine Science Station Aqaba/Jordan 29 May - 08th June 2000. “Identification of Fish Larvae”
- Attended the 3rd World Water Forum, Kyoto, Osaka and Shiga/Japan. 16-23 March 2003.
- Attended the Middle East Frontiers of Science and Engineering, Seville, Spain. 19-21 March 2007.

AWARDS & GRANTS

- Study award for my Bachelor from Ministry of Higher Education and Scientific Research/Jordan.
- Study award for my Master research from the German Ministry of Education and under the umbrella of the Red Sea program which was conducted in close cooperation between the Centre for Tropical Marine Ecology (ZMT) in Bremen, Germany and the Marine Science Station in Aqaba, Jordan.
- Travel grant for the 6th Indo-Pacific Fish Conference in Durban, South Africa, given by: The Royal Hashemite Court, Jordan.
- Study grant for my PhD from the German Academic Exchange Service (DAAD).

PUBLICATIONS

- **Froukh T.** & Kochzius M. 2007. Genetic population structure of the endemic fourline wrasse (*Larabicus quadrilineatus*) suggests limited larval dispersal distances in the Red Sea. *Molecular Ecology*, **16**: 1359-1367.
- **Froukh T.** & Kochzius M. Species boundaries and evolutionary lineages in the blue green damselfishes *Chromis viridis* and *C. atripectoralis* (Pomacentridae). *Journal of Fish Biology*, **72**: 451-457.

- **Froukh T.** & Kochzius M. Comparative genetic population structure of two reef fishes at different geographic scales in the Red Sea and Indo-Malay Archipelago: biological, physical and historical factors. *Submitted*
- Kochzius M. **Froukh T.** Timm J. Khalaf M. Molecular systematics of Indo-Pacific butterflyfishes (Chaetodontidae). *In preparation*
- **Froukh T.** 2007. Genetic population structure, gene flow, and evolutionary history of selected ornamental fish in the Red Sea, Ph. D. thesis, University of Bremen, Bremen, Germany.
- **Froukh T.** 2001. Studies on Taxonomy and Ecology of some fish Larvae from the Gulf of Aqaba. Master thesis, University of Jordan, Amman, Jordan.

Additional skills

- Computer skills: bioinformatics skills in ecology, population genetics and phylogeny programs
- Languages: Arabic, English, and German.
- Others: PADI Rescue Diver.