CURRICULUM VITAE

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Academic qualifications

MSc: Plant Protection (1992-1996) Ferdowsii University of Mashhad.

BSc: Agricultural Entomology (2000-2002) Shahid Chamran Univesity of Ahvaz

PhD: Agricultural Entomology (2009-2013) Shahid Chamran Univesity of Ahvaz

Research interests:

Chemical Ecology of Insect

Selected research projects:

- Chemical ecology of date palm fruit stalk borer, Oryctes elegans
- Chemical ecology of red palm weevil, Rhynchophorus ferrugineus.
- Chemical ecology of melon weevil, Acythopeus curvirostris persicus**.**

Selected publications:

Journals papers:

-Ebrahim, E. Tavakoli, Gh. Mianbandi, K. Mahmoodi,H. Mohammadipour, K. & Noyes, J. 2014. *Ooencyrtus ferdowsii* sp. n.(Hymenoptera: Encyrtidae), an egg

parasitoid of *Osphranteria coerulescens*(Coleoptera: Cerambycidae) in Iran.. Zoology in middle east. P: 1-5.

-Sepasi, N. Jahani, M. Mirzaee, MR. and Mohammadpour, K. 2015.First Record of *Cunninghamella echinulata Var. Nodosa* as a New Entomopathogenic Fungus Infecting Melon Weevil (*Acytopeus curvirostris persicus*,(Col.: Curculionidae). International Journal of Agriculture and Bioscience. 4(1): 27-29.

-Mohammadpour, K.Shishehbor, P. Avandfaghih, A and Mosadegh, M.S. 2012. Study on daily and reproduction activity of melon weevil, *Acytopeus curvirostris persicus* (Col.: Curculionidae), in Birjand. Journal of Entomological Society of Iran. No. 33(1):33-47.

-Mohammadpour, K.Shishehbor, P. Avandfaghih, A and Mosadegh, M.S. 2013. Sexual attraction behavior of melon weevil, *Acytopeus curvirostris persicus*. Journal of Applied Entomology and Phytopathology. No. 82(2):91-101.

-Rochat, D., Mohammadpour, k., Malosse, C., Avand-Faghih, A.,Lettere, M.,Beauhaire, J., Morin, J.P., Pezier, A.,Renou, M.,and Gh.A. Abdollahi. 2004. Male aggregation pheromone of date palm fruit stalk borer, *Oryctes elegans*. Journal of chemical ecology.30 (2): 387-407.

Mohammdpour, k.: Effect of plant baits, shape and place of trap on the efficiency improvement of pheromone traps for red palm weevil, Rhynchophorus ferrugineus Oliv. (Col., Dryophthoridae).

-Ghayourfar, R., Mohammadpour, k., and M. Asgari. 2005. Taxonomic study and an appraisal of worker and solider castes proporation for subterranean termites in date palm, of Minab and Saravan. Iranian journal of forest and range protection research. 3 (2):145-158.

-Ghayourfar, R. and k. Mohammadpour. 2007. An Investigation on the subterranean termite control in date palm of Saravan region using baiting system. Applied entomology and phyto pathology. 87:1-17.

-Tabrizian, M. and Mohammadpour, k. 2007. Synthesis and investigation on efficacy of synthetic aggregation pheromone of Oryctes elegans in comparison with forien compound. Applied entomology and phyto pathology.87:30-42.

-Mohammadpour, k., and A. Avand-Faghih. 2007. Investigation on the possibility of co- mass trapping the populations of red palm weevil, *Rhynchophorus ferrugineus* and date palm fruit stalk borer, *Oryctes elegans* using pheromone traps. Applied entomology and phyto pathology. 75, 39–53.

Conference papers:

-Farazmand, H., Rassoulian, Gh.R., and K. Mohammadpour. 2000. Study on larval feeding of red palm weevil, *Rhynchophorus ferrugineus* Oliv. , on date palm varieties in Saravan region. Proceedings of the 14th Iranian Plant Protection Congress (Isfahan, Iran), P: 114.

-Rochat, D., Avand-Faghih, A., Farazmand, H., and k. Mohammadpour. 2001. Effect of red palm weevil mass trapping with synthetic pheromone in traditional iranian date palm grooves. Second Asia-pacific conference in Chemical Ecology. Penang, Malasia. P50.

-Mohammadpour, K., Rochat, D., and A. Avand-Faghih.2002. Preliminary studies on the semiochemicals of *Oryctes elegans* (Col.: Scarabaeidae) in iran. Proceedings of the 15th Iranian Plant Protection Congress (Kermanshah, Iran).

-Tabrizian, M., and K. Mohammadpour. 2004. Synthesis of aggregation pheromone of red palm weevil, *Rhynchophorus ferrugineus* Oliv. and investigation

about its efficiency in iran Proceedings of the 3th National Conference On Optimum Utilization of Chemical Fertilizers & Pesticides in Agriculture (Karadje, Iran), P: 63.

-Mohammadpour, K., Soleyman Nejadian, E., Avand-Faghih, A., and D. Rochat. 2004.Extraction and identification of volatile compounds produced by date palm fruit stalk borer, *Oryctes elegans* Prell.Proceedings of the 16th Iranian Plant Protection Congress (Tabriz, Iran)), P: 190.

-Mohammadpour, K., Soleyman Nejadian, E., Avand-Faghih, A., and D. Rochat. 2004. Investigation on efficiency of male-produced volatile compounds for catching of adults of date palm fruit stalk borer, *Oryctes elegans* Prell.Proceedings of the 16th Iranian Plant Protection Congress (Tabriz, Iran)), P: 191.

-Mohammadpour, K., Avand-Faghih, A., and D.Rochat.Investigation on population fluctuations of date palm fruit stalk borer, *Oryctes elegans* Prell. using pheromone traps in Saravan region.2005.Proceedings of the 1th National Date Palm Festtival & Congress (Bandar Abbas, Iran), P: 37.

-Avand-Faghih, A., Mohammadpour, K., and D.Rochat. 2005. Chemical ecology of date palm harmful coleopteran.Proceedings of the 1th National Date Palm Festtival & Congress (Bandar Abbas, Iran)), P: 48.

-Mohammadpour, K., Avand-Faghih, A., and D.Rochat. Study on the effect of trap shap and different plant bait s on the attraction and trapping of Red palm weevil, *Rhynchophorous ferrugineus* Oliv.(Col.;Curculionidae). 2006. Proceedings of the 17th Iranian Plant Protection Congress (Karadje, Iran), P: 91.

-Mohammadpour, K., Avand-Faghih, A., and M.Karaminejad. Investigation on the possibility mass trapping of two beetle , red palm weevil, *Rhynchophorous ferrugineus* and date palm fruit stalk borer, *Oryctes elegans* Prell.using their pheromone traps. 2006. Proceedings of the 17th Iranian Plant Protection Congress (Karadje, Iran), P: 92.

-Mohammadpour, k., and A. Avand-Faghih. 2008. Investigation on synergy effect of different parts of host plant on trapping of red palm weevil, *Rhynchophorous ferrugineus* and date palm fruit stalk borer, *Oryctes elegans* Prell.using their pheromone traps. Proceedings of the 18th Iranian Plant Protection Congress (Hamadan, Iran).

-Mohammadpour, k., and A. Avand-Faghih. 2008. Investigation on place of trap on trapping of red palm weevil, *Rhynchophorous ferrugineus* using their pheromone traps. Proceedings of the 18th Iranian Plant Protection Congress (Hamadan, Iran).

-Mohammadpour, K.Shishehbor, P. Avandfaghih, A and Mosadegh, M.S. 2014. Study on chemical ecology of melon weevil, *Acythopeus curvirostris persicus.* Proceedings of the 21th Iranian Plant Protection Congress (Uromia, Iran).

-Mohammadpour, K.Shishehbor, P. Avandfaghih, A and Mosadegh, M.S. 2014. Extraction and identification of male produced volatile compounds of melon weevil, *Acythopeus curvirostris persicus.* Proceedings of the 21th Iranian Plant Protection Congress (Uromia, Iran).

-Mohammadpour, K. Dehghani, M. Kani, A. and Avandfaghih, A. 2015. Olfactory response of unmated melon weevil, *Acytopeus curvirostris persicus* (Col.: Curculionidae) to host plants under laboratory conditions. Proceedings of 1st Entomology Congress of Iran.168-173.

Books:

Book Chapters

-G. O. Bedford, M. A. Al-Deeb, M. Z. Khalaf, K. Mohammadpour, R. Soltani: *Dynastid beetle pest*. Sustainable Pest Management in Date Palm: Current Status and Emerging Challenges, 1 edited by Waqas Wakil, Jose Romeno Faleiro, Thomas A. Miller, 01/2016: chapter Dynastid beetle pests: pages 73-108; Springer., ISBN: 978-3-319-24395-5

Theses supervised:

- Msc. Thesis (University of Zabol): Study on population fluctuations and lethal effect of two medicine plants on melon fly in Birjand.
- Msc. Thesis (University of Birjand): Investigation on possibility extraction fungi pathogens of melon weevil.
- Msc. Thesis (University of Zabol): Study on behavioral responses of melon weevil to host plant volatiles in laboratory condition.