

Curriculum Vitae

Abdulaziz N. Alagaili	Assistant Professor
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Education

Bachelor degree – Zoology (King Saud University, Saudi Arabia)	1994-1998
Masters – Biological Sciences (University of Arkansas, Fayetteville, USA)	2001-2003
Ph.D – Biological Sciences (University of Arkansas, Fayetteville, USA)	2004-2008

Employment

Demonstrator, Zoology Dept., King Saud University	1998-2000
Graduate student – scholarship from KSU	2000-2008
Assistant Professor, Zoology Dept., King Saud University	2008-now
Research Chairs Program (vice director), KSU	Oct. 2008- Sep. 2010
Assistant of Vice Rector for Graduate Studies and Research (developments affairs), KSU	Sep. 2010 – Feb. 2012
Consultant – Saudi Wildlife Commission	Dec. 2008 – now
Director of KSU Mammals Research Chair	Oct. 2010-now

Research Interest

- Mammalian studies: biology, ecology, ecological physiology, conservation, biodiversity, populations dynamics, migration.
- Satellite tracking, GIS, and Remote Sensing.

Courses taught

102 Zool: Principles of Zoology	101 Zool: General Zoology
454 Zool: Field Research	326 Zool: Mammalogy
499 Zool: Special Topics in Zoology	480 Zool: Wildlife Conservation
574 Zool: Zoogeography	574 Zool: Ecology (advanced)
572 Zool: Animal Conservation	

Fieldwork

August 1999 (4 weeks)	Studies on mammalian fauna – Abha, Saudi Arabia
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Summer 2001 - 2002	Assisted a graduate student to study bats in the Ozark National Forest, Arkansas, USA
Summer 2002	Field work for my Master's thesis
February 2005	Joined Arkansas Game and Fish Commission team to evaluate 2005 deer hunting season.
May 2005 – August 2006	Field work for my PhD dissertation
August 2010- June 2011 (6 field trips)	Studies on mammalian fauna in Raydah protected area – Abha, Saudi Arabia
Summer 2009 - now	Studies on mammalian fauna – across Saudi Arabia

Department Committees

Organizer of Zool 145 exams: (2010)

Scientific Translation Committee (member): 2010

Academic Accreditation Committee (member): 2010 - now

Development and Quality Committee (member): 2011 - now

Membership

Bat Conservation International (2002 – now)

Arkansas Game and Fish Commission (2005 – now)

The American Society of Mammalogists (2006 – now)

Saudi Biological Society (2010 – now)

Saudi Wildlife Authority – consultant (2008 – now)

Scientific Committee member – Saudi Wildlife Authority

Head of Advisory committee of King Khalid Wildlife Research Center (KKWRC),

Saudi Wildlife Authority (SWA) – (2011 – now)

Head of excess gazelles sales, Saudi Wildlife Authority (SWA) – (2013 – now)

Bat Specialist Group, member (2012 – now)

IUCN Species Survival Commission (2012 – now)

Scientific Committee member – College of Science Research Center, King Saud University (2013 – now)

Training and Workshops:

Nov. 16, 2008	King Saud University	Workshop: Role of faculty members in Saudi universities to benefit from excellence rewards
Nov. 23-24, 2008	Intellectual Property and Technology Licensing (IPTL) Program - KSU	Workshop: International Symposium in University Technology Transfer & Innovation Management (Patents. IP)
Dec. 23-24, 2008	Deanship of Skills Development	Workshop: Developing and maintaining websites
Dec. 27-28, 2008	Deanship of Skills Development	Workshop: Team-based learning
March 20-22, 2009	Deanship of Skills Development	Workshop: How to write a case study
July 20 -25, 2009	Georgia Tech Unvi. Atlanta, USA	Workshop: Teaching for Learning Workshop

Feb. 28 – Mar. 1-2, 2010	Deanship of Skills Development	Workshop: Digital image processing using Adobe Photoshop
Aug. 5 – 10, 2010	Bat Conservation International, United States	Acoustic Monitoring Workshop
November 4 - 5, 2010	Safe-Capture International, United States	Chemical Immobilization of Animals
February 7 - 9, 2011	Environment and Protected Areas Authority - Sharjah	Conference on Biodiversity Conservation in the Arabian Peninsula
February 6 - 9, 2012	Environment and Protected Areas Authority - Sharjah	13th Conservation Workshop for the Biodiversity of Arabia

Conferences

- * 8th Annual Meeting of the Southeastern Bat Diversity Network, Starkville, MS. 2003.
- * 13th Annual Meeting Colloquium on Conservation of Mammals in the Southeastern United States, Starkville, MS. 2003.
- * 33rd North American Symposium on Bat Research, Lincoln, Nebraska. October 8 - 11, 2003.
- * 87th Meeting of the American Society of Mammalogists, Albuquerque, New Mexico, June 6-10, 2007.
- * 38th North American Symposium on Bat Research, Scranton, PA, October 22 - 25, 2008.
- * 1ST International Symposium on Bat Migration, Berlin, Germany, January 16-18, 2009.
- * 39th North American Symposium on Bat Research, Portland, OR, November 4 – 7, 2009.
- * The International Symposium on *Neglected Influenza* Viruses, Amelia Island Florida, February 3-5, 2010.
- * 40th North American Symposium on Bat Research, Denver, CO, October 27 – 30, 2010.
- * 91th Annual Meeting of the American Society of Mammalogists, Portland, OR, June 24-29, 2011

- * 41st North American Symposium on Bat Research, Toronto, Canada, October 26–29, 2011.
- * 2012 American Association for the Advancement of Science Annual Meeting, Vancouver, Canada, February 16-20, 2012.
- * 17th Advisory Committee Meeting to EUROBATS (invited), Dublin, Ireland, May 15 – 17, 2012.
- * The 13th international conference on Systems Biology, Toronto, Canada, August 19 - 23, 2012.
- * 11th ASM Biodefense and Emerging Diseases Research Meeting, Washington DC, USA, February 25-27, 2013.
- * 18th Advisory Committee Meeting to EUROBATS (invited), Sophia, Bulgaria, April 14 – 18, 2013.
- * The 88th Annual Meeting of the American Society of Parasitologists and the 13th Annual Quebec Molecular Parasitology Meeting, Quebec City, Canada, June 26-29, 2013.

Publications:

- 1- **Alagaili, A. N.**, Mohammed, O. B. and Omer, S. A. 2011. Gastrointestinal parasites and their prevalence in the Arabian red fox (*Vulpes vulpes arabica*) from the Kingdom of Saudi Arabia. ***Veterinary Parasitology***, 180: 336-339.
- 2- Sawsan A. Omer., Wafa A. I. Al-Megrin., William V. Macasero., **Abdulaziz N. Alagaili** and Osama B. Mohammed. 2011. A new protocol for the treatment of *Brucella melitensis* Infection in Neumann's gazelle (*Gazella erlangeri*) from Saudi Arabia using oxytetracycline and streptomycin. ***African Journal of Biotechnology***, Vol. 10 (53), pp. 11075-11080.
- 3- Mohammed S. Al Saggaf, Sawsan A. Omer, Abdulla S. Khaliel, **Abdulaziz N. Alagaili** and Osama B. Mohammed. 2011. Normal bacterial flora from idmi (*Gazella gazella*) and reem gazelles (*Gazella subgutturosa marica*) in Saudi Arabia. ***African Journal of Microbiology Research***, Vol. 5(28), pp. 5090-5096.
- 4- **Abdulaziz N. Alagaili**, Douglas A. James and Osama B. Mohammed. 2011. Timing and pattern of molt in Kuhl's bat, *Pipistrellus kuhlii* in Saudi Arabia. ***Acta Chiropterologica***, 13(2):465-470.

- 5- Maha H. Elamin, Ebtesam M. Al-Olayan, Sawsan A. Omer, **Abdulaziz N. Alagaili** and Osama B. Mohammed. 2012. Molecular detection and prevalence of *Toxoplasma gondii* in pregnant women in Sudan. **African Journal of Microbiology Research**, Vol. 6(2), pp. 308-311.
- 6- Osama B. Mohammed, **Abdulaziz N. Alagaili** and Sawsan A. Omer. 2012. Redescription of *Eimeria dorcadis* Mantovani, 1966 (Apicomplexa: Eimeriidae) from the dorcas gazelle (*Gazella dorcas*) in Saudi Arabia. **Folia Parasitologica**, 59 (1): 27-31.
- 7- Osama B. Mohammed, **Abdulaziz N. Alagaili**, Sawsan A. Omer, and Mansour F. Hussein. 2012. Parasites of the Arabian oryx (*Oryx leucoryx*, Pallas, 1777) and their Prevalence in the Kingdom of Saudi Arabia. **Comparative Parasitology**, Jul 2012, Vol. 79, No. 2: 288-292.
- 8- **Alagaili, A.N.**, O.B. Mohammed, N.C. Bennett, and M.K. Oosthuizen. 2012. A tale of two jirds: The locomotory activity patterns of the King jird (*Meriones rex*) and Lybian jird (*Meriones libycus*) from Saudi Arabia. **Journal of Arid Environments**, Vol. 88: 102-112.
- 9- **A.N. Alagaili**, O.B. Mohammed, N.C. Bennett & M.K. Oosthuizen. 2012. Lights out, let's move about: locomotory activity patterns of Wagner's gerbil from the desert of Saudi Arabia. **African Zoology**, 47(2): 195–202.
- 10- Bray, T.C., O.B. Mohammed, & **A.N. Alagaili**. 2013. Phylogenetic and demographic insights into Kuhl's pipistrelle, *Pipistrellus kuhlii*, in the Middle East. **PLoS ONE**, 8(2):1-7.
- 11- **Abdulaziz N. Alagaili**, O.B. Mohammed, and T.C. Bray. 2013. Reference data of haematology and serum biochemistry in adult wild-caught Libyan jird (*Meriones libycus*) from central Saudi Arabia. **Journal of King Saud University (Science)** – 25, 307–311.
- 12- Osama B Mohammed, **Abdulaziz N Alagaili**, Mohamed A Sandouka, Sawsan A Omer, Maha H Elamin, and Eltyeb ME Abu Elzein. 2013. Serosurveillance for some diseases in livestock living within protected areas designated for wildlife reintroduction in Saudi Arabia. **African Journal of Microbiology Research**, Vol. 7(16), pp. 1574-1578.
- 13- Timothy C Bray, Nigel C Bennett, Osama B Mohammed and **Abdulaziz N Alagaili**. 2013. On the genetic diversity of spiny mice (genus *Acomys*) and gerbils (genus *Gerbillus*) in the Arabian Peninsula. *Zoology in the Middle East*. 59 (4): 283-288.
- 14- **Alagaili, A.N.**, Mohammed, O.B., Bennett, N.C., Oosthuizen, M.K. 2014. Down in the Wadi: the locomotory activity rhythm of the Arabian spiny mouse, *Acomys dimidiatus* from the Arabian Peninsula. *Journal of Arid Environments* 102:50-57.

15- **Alagaili, A.N.**, Mohammed, O.B., Bennett, N.C. . & Oosthuizen, M.K. Now you see me, now you don't: the locomotory activity rhythm of the Asian garden dormouse, *Eliomys melanurus* from Saudi Arabia. *Mammalian Biology* (In Press).

16- Nina Patzke, Muhammad A. Spocter, Karl Æ. Karlsson, Mads F. Bertelsen, Mark Haagensen, Richard Chawana, Sonja Streicher, Consolate Kaswera, Emmanuel Gilissen, **Abdulaziz N. Alagaili**, Osama B. Mohammed, Roger L. Reep, Nigel C. Bennett, Jerry M. Siegel, Amadi O. Ihunwo, Paul R. Manger. In contrast to many other mammals, cetaceans have relatively small hippocampi that appear to lack adult neurogenesis. *Brain Structure and Function* (In Press).

ARTICLES SUBMITTED FOR PUBLICATION

ARTICLES UNDER PREPARATION

Sarli, J., Lutermann, H. **Alagaili, A.N.** Mohammed, O.B. & Bennett, N.C. (in prep). The reproductive biology of the Arabian spiny mouse, *Acomys dimidiatus* from southwestern Saudi Arabia. *Journal of Mammalogy*.

Sarli, J., Lutermann, H. **Alagaili, A.N.** Mohammed, O.B. & Bennett, N.C. (in prep). The reproductive biology of the pygmy gerbil, *Gerbillus nanus* from southwestern Saudi Arabia. *Mammalian Biology*.

Alagaili, A.N., Bennett, N.C. & Mohammed O.B. (in prep). Body temperature rhythms in free ranging Lybian jirds, *Meriones libicus*.

Alagaili, A.N., Bennett, N.C. & Mohammed O.B. (in prep). Body temperature rhythms in free ranging Desert hedgehog, *Paraechinus aethiopicus*.

Abdulaziz Alagaili and Douglas A. James (in prep). Summer Thermoregulation of Desert Kuhl's Bat, *Pipistrellus kuhlii*.

Funded projects:

- September 2011:
Living on the edge: unravelling how Arabian Oryx (*Oryx leucoryx*) survive in the extreme deserts of the Empty Quarter (Rub Al-Khali) and Mahazat as-Sayd protected area, Saudi Arabia. (National Science, Technology and Innovation Plan, KACST, 2,000,000 Saudi Riyals).
- September 2012:

Studies in Enterotoxaemia in livestock in the Kingdom of Saudi Arabia.
(National Science, Technology and Innovation Plan, KACST, 2,000,000
Saudi Riyals).

- September 2012:
Palaeontology, Paleohabitat, Paleoecology, and Paleoclimatology of the
Oligocene Terrestrial Mammalian Faunas of the Western Al-Hijaz Region,
Western Saudi Arabia. (National Science, Technology and Innovation Plan,
KACST, 2,000,000 Saudi Riyals).
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