

Saad Gharaibeh

Education and Credentials

- 2002. **Diplomate American College of Poultry Veterinarians (ACPV)**
- 2001. **PhD**, Veterinary Pathology and Avian Medicine, University of Georgia, Athens, GA, USA
- 1998-2001. **Veterinary Pathology Residency**, University of Georgia, Athens GA, USA
- 1996. **Bachelor of Veterinary Medicine**, Jordan University of Science and Technology

Current position

Associate professor of avian diseases and veterinary pathology, Department of Pathology and Public Health, Faculty of Veterinary Medicine, Jordan University of Science and Technology

Current administrative position

Vice director, The Consultative Center for Science and Technology

Previous positions

1. 2009-2011: Assistant Professor, Poultry Diagnostic and Research Center, Department of Population Health, College of Veterinary Medicine, University of Georgia. Athens, GA.
2. 2002-2009: Associate Professor (promoted on 9/2008) of Pathology and Avian Medicine, Pathology and Public Health Department, Faculty of Veterinary Medicine, Jordan University of Science and Technology. Irbid, Jordan.
3. 2001-2002: **Lecturer**. Clemson University, Columbia, SC, USA.
 - a) 100 % Service duty in Livestock and Poultry Health Diagnostic center
 - b) Representative of the State of South Carolina in the South Central Avian Disease Conference Scientific Committee. 2001-2002
 - c) Member of the South Carolina Avian Influenza Task Force. 2001-2002

- Technology. JD 5900 (\$8700). 2008.
8. Infectivity and tissue distribution of *Mycoplasma gallisepticum* in chickens, sparrows, and pigeons. Deanship of Research – Jordan University of Science and Technology. JD 6500 (\$9800). 2008.
 9. Determination of minimum inhibitory concentration of commonly used antibiotics against *Mycoplasma gallisepticum* isolated from Jordan. Deanship of Research – Jordan University of Science and Technology. JD 6300 (\$9450).
 10. H5N1 avian influenza virus surveillance in wild and domestic birds. Deanship of Research – Jordan University of Science and Technology. JD 12750 (\$19000). 2006. Isolation and characterization of *Clostridium perfringens* from broiler chicken flocks in Northern Jordan. Deanship of Research – Jordan University of Science and Technology. JD 5900 (\$9000). 2006.
 11. Isolation and serological study on *Mycoplasma gallisepticum* infection in commercial chickens in Jordan. Deanship of Research – Jordan University of Science and Technology. JD 3000 (\$4500). 2005.
 12. Investigating avian pneumovirus as an etiology for swollen head syndrome in chickens in Jordan. 2004. Deanship of Research – Jordan University of Science and Technology. JD 2000 (\$3000). 2004.
 - 13. Isolation and Molecular Identification of Infectious Bronchitis Virus Serotypes from Commercial Chickens in Jordan. Higher Council for Science and Technology-The Royal Scientific Society-Jordan Bioindustries Center JOVAC. JD 65000 (\$97000). 2004.**
 14. Serological identification and isolation of infectious bronchitis viruses from commercial chickens in Jordan. 2003. Deanship of Research – Jordan University of Science and Technology. JD 5000 (\$7500). 2003

Publications

1. **S. Gharaibeh**, and M. Shamoun. (2012) Avian metapneumovirus (type B) experimental infection and tissue distribution in chickens, sparrows and pigeons. *Veterinary Pathology*. 49:705-710.
2. Ehab Abu-Basha, **Saad Gharaibeh**, and Ahmed Thabet. (2012). *In-vitro* susceptibility of resistant *Escherichia coli* field isolates to antimicrobial combinations. *Journal of Applied Poultry Research*. In press.
3. Ehab Abu-Basha, Ronette Gehring, Ahmad Al-Shunnaq, and **Saad Gharaibeh**. (2012). Pharmacokinetics and bioequivalence of florfenicol oral solution formulations (Flonicol® and Veterin®10%) in broiler chickens. *Journal of bioequivalence & bioavailability*. 4:1-5.
4. **Saad Gharaibeh**, and Mohammad Al-Rashdan. (2011). Change in antimicrobial susceptibility of *Mycoplasma gallisepticum* field isolates. *Veterinary Microbiology*.150:379-383.
5. **Saad Gharaibeh** and Alaa Hailat. (2011) *Mycoplasma gallisepticum* experimental infection and tissue distribution in chickens, sparrows and pigeons. *Avian Pathology*. 40:349-354.
6. **Saad Gharaibeh**, Victoria Laibinis, Ruth Wooten, Lisa Stabler, and Naola Ferguson-Noel. (2011). Molecular Characterization of *Mycoplasma gallisepticum* isolates from Jordan. *Avian Diseases*. 55:212-216.
7. **Saad Gharaibeh**, Rami Al Rifai, and Ahmad Al-Majali. (2010).Molecular

4. Oral Presentation: **Saad Gharaibeh**, Interesting and mystery cases. Georgia Veterinary Medical Association 2010 Summer Convention. **Destin, FL, USA**. May 31 – June 3, 2010.
5. Multiple lectures instructor: **Saad Gharaibeh**. Avian Diseases Workshop. Food and Agriculture Organization (FAO) of the United Nations – Istanbul, Turkey. April 19-23, 2010.
6. Oral Presentation: **Saad Gharaibeh** and Alaa Hailat. Infectivity and tissue distribution of *Mycoplasma gallisepticum* in chickens, pigeons, and sparrows. 51st Southern Conference on Avian Diseases, **Atlanta, GA, USA**. January 25-26, 2010.
7. Oral Presentation: **Saad Gharaibeh**. The role of veterinarians in the control of avian influenza on the veterinary side. 2nd avian and pandemic influenza training workshop. World Health Organization (WHO). Riyadh, Saudi Arabia Jan 5-9, 2008.
8. Poster presentation: **Saad Gharaibeh**. Determination of Pathogenicity of Jordanian Local Isolate of Avian Influenza (H9N2) in Broiler-Chickens. 144th Meeting of the American Veterinary Medical Association. **Washington DC, USA**. July 14-18, 2007.
9. Oral Presentation: **Saad Gharaibeh**. Control of Highly Pathogenic Avian Influenza (HPAI) in Poultry, “Third subregional workshop on rapid response for avian and pandemic influenza” World Health Organization (WHO). **Lahore, Pakistan**, 18–22/6/2007.
10. “1st Consultation Workshop for Team of Experts on Avian and Pandemic Influenza in the Eastern Mediterranean Region” **Cairo Egypt** 3-7/6/2007.
11. Oral Presentation: **Saad Gharaibeh** and Dirgam Al-Rousan. Isolation and Molecular Characterization of *Mycoplasma gallisepticum* from Commercial Chickens in Northern Jordan. Third International Poultry Conference. **Hamah, Syria**. 22-25/4/2006.
12. Regional Pandemic Influenza Preparedness conference, **Istanbul, Turkey**. December 2005.
13. Oral presentation: **Saad Gharaibeh**. The Common Infectious Bronchitis Virus Serotypes in Jordan. 139th Meeting of the American Veterinary Medical Association. **Philadelphia PA, USA**. July 24-28, 2004.
14. Oral presentation: **Saad Gharaibeh**. Avian Influenza and Risk to Humans. Jordanian Medical Association & Jordanian Veterinary Medical Association. **Amman, Jordan**, March 2nd 2004.
15. Fourth Jordanian Quality Conference. **Amman, Jordan**. 8-10/9/2003
16. "Jordan Intellectual Property Week" workshop. **Amman, Jordan**. 11-14/8/2003.
17. Oral presentation: **Saad M. Gharaibeh**, and Tom P. Brown. Effects of Injecting ALV-J Antiserum in Embryonating Broiler Eggs on Localization of ALV-J in the Tissues of Broiler Chickens Infected in ovo. 139th Meeting of the American Veterinary Medical Association. **Nashville, TN, USA**, July 13-17, 2002.
18. Oral presentation: **Saad M. Gharaibeh**, Tom Brown, Mary Pantin, and Yongbaek Kim. Effects of Maternal Antibodies on ALV-J Infection in Broiler Chickens: Exposed to Hatchmates Shedding Virus. 138th Meeting of the American Veterinary Medical Association. **Boston, MA, USA**. July 14-18, 2001.

**Workshops
Attended As A
Trainer**

1. Avian Diseases Workshop. Food and Agriculture Organization (FAO) of the United Nations – Istanbul, Turkey. April 19-23, 2010.
2. “Capacity building for the avian influenza through technology transfer and training” Technical Workshop for Veterinarians in the Middle East. Supported by ConFlu Tech EU-FP6. Irbid, Jordan. 18-22/1/2009.
3. 2nd avian and pandemic influenza training workshop. World Health Organization (WHO)/Saudi National Guard. Riyadh, Saudi Arabia Jan 5-9, 2008.
4. Control of Highly Pathogenic Avian Influenza (HPAI) in Poultry, “Third subregional workshop on rapid response for avian and pandemic influenza” World Health Organization (WHO). Lahore, Pakistan, 18–22/6/2007.

**Workshops
Attended As A
Trainee**

1. Patents in Biotechnology. Ministry of Industry and Trade. Amman Jordan 28-29/11/2011
2. “1st Consultation Workshop for Team of Experts on Avian and Pandemic Influenza in the Eastern Mediterranean Region” Cairo Egypt 3-7/6/2007.
3. Regional Pandemic Influenza Preparedness conference, Istanbul, Turkey. December 2005.
4. Fourth Jordanian Quality Conference. Amman, Jordan. 8-10/9/2003
5. "Jordan Intellectual Property Week" workshop. Amman, Jordan. 11-14/8/2003.

Advisor for:

**Supervised
Master Students**

1. Dirgam A Al-Roussan, 2005, BVM, MS, Thesis title: **Isolation and Molecular Characterization of *Mycoplasma gallisepticum* from Commercial Chicken Flocks with Respiratory Symptoms in Northern Jordan**. Current Employment: Supervising Veterinary Diagnostician in Provimi Co, Amman, Jordan.
2. Gaith R. Al Gharaibeh, BVM, MS, 2006, Thesis title: **Investigating avian pneumovirus as a cause of respiratory disease in commercial chickens in Jordan**. Current Employment: Jordan Food and Drug Administration, Amman, Jordan.
3. Rami Hani Al-Rifai, 2007, BVM, MS, Thesis title: **Isolation, Characterization and Antimicrobial Susceptibility of *Clostridium perfringens* from Broiler Chicken Flocks in Northern Jordan**. Current Employment: Jordanian Ministry of Health.
4. Mohammad Al-Rashdan. 2009, BVM, MS, Thesis title: **Determination of minimum inhibitory concentration of commonly used antibiotics against *Mycoplasma gallisepticum* isolated from Jordan**. Current Employment: ELANCO Animal Health-Country Representative
5. Alaa Hailat. 2009, BVM, MS, Thesis title: **Infectivity and tissue distribution of *Mycoplasma gallisepticum* in chickens, pigeons, and sparrows**. Current Employment: Veterinary Supervisor, Al-Etehad Poultry Company.
6. Maria Shamoun. 2009, BVM, MS, Thesis title: **Infectivity and tissue distribution of avian pneumovirus in chickens, pigeons, and sparrows**.
7. Nasr Jalboush. 2011, BVM, MS, Thesis title: **Presence of *Gallibacterium anatis* in respiratory tract of chicken flocks in Jordan**. Current Employment: Al-Najah University, West Bank. .

- c. Provimi Company
 - d. Hamoudeh Chemical Company
 - e. Al-Jazeera Company
3. Educational lectures about different poultry diseases especially avian influenza to different national agencies and public gatherings: Jordan University of Science and Technology (students and staff), Agricultural Engineers Association (Amman and Irbid), Veterinarians Association (Amman and Irbid), Medical Association (Amman and Irbid), Jordanian Food and Drug Association, National Center for Agricultural Research and Technology Transfer (Amman and Der Alla), Irbid National University, Yarmouk University, Al-Albayet University, Al-Hashemiah University, Hartha Association, Women Union, and Greater Amman Municipality.

Awards received

1. Hisham Hijjawi Award for Applied Sciences 2011
2. Outstanding Graduate Teaching Award, 2001, University of Georgia
3. First in Class Award, 1996, Jordan University of Science and Technology