



*Animal Scientist*  
**HİLAL YAZAR GÜNEŞ**

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### **PERSONAL INFORMATION**

**Nationality:** Turkish  
**Place of Birth:** Ağrı, Turkey  
**Date of Birth:** 10/18/1989  
**Marital Status:** Married  
**Driving License:** Nebraska Driver License

### **EDUCATION**

#### **Doctor of Philosophy:**

University of Nebraska - Lincoln  
Animal Science Department, Breeding & Genetics  
Lincoln, NE, USA  
**AUG 2022 – Present**

#### **Second Master's Degree:**

Colorado State University  
Animal Science Department, Breeding & Genetics  
Fort Collins, CO, USA  
**Date of Graduate:** 08/05/2022  
**GPA:** 4.0 / 4.0

**Master's Degree:** Ege University, Graduate Faculty of Natural and Applied Science,  
Feeds and Animal Nutrition Department - Master of Science,  
Bornova /Izmir/TURKEY  
**Date of Graduate:** 1/AUG/2019  
**GPA:** 3,75/ 4.00

#### **Bachelor's Degree:**

Ege University, Agriculture Engineering Faculty, Animal Science  
Bornova/IZMIR, TURKEY  
**Date of Graduate:** 8/JUN/2012  
**GPA:** 3,34/ 4.00 (I graduated as a highest ranking student of Animal Science Department)

**Abroad Experience:** 2009 – 2010 Slovak University Of Agriculture in Nitra,  
SLOVAKIA, 7 months - Erasmus period

AUG 2019 – DEC 2019 – the University of Texas at Arlington,  
Arlington,TX, USA , 5 Months – English Course for Academic Purposes

**High School :** Adem Tolunay Anatolian High School, ANTALYA, TURKEY  
**Date of Graduate:** 12/JUN/2008  
**GPA:** 85/100

**Language Skills:**

Turkish : Native  
English : Advanced  
Slovak : Beginner

**Computer Skills:**

R  
SPSS  
JMP  
SAS  
ABTK ( Animal Breeders Tool Kit)  
Linux  
PHYTON (Beginner)  
GALAXY(Beginner)  
AFIFARM Herd Management Program  
DAIRYPLAN Herd Management Program  
DATAFLOW II Herd Management Program  
ALPRO Herd Management Program

**INTERNSHIPS**

- **2011 Summer, Compulsory Intern – (MIGROS - TANSAS) TANET Integrated Plant (Slaughterhouse and meat processing plant) - Purchase of Raw Materials Department –** Kaynaklar, Buca/Izmir, TURKEY

**Job Definition:** Contact with the raw materials’(live beef cattle and sheep) sellers.

- **2010 Summer, Voluneeer Intern – Dairy Farms International – TAZE SÜT A.Ş.,** Foça/Izmir, TURKEY

**Job Definition:** Feeding the new born calves and selling the weaned calves, controlling the reproductive behaviours of cows, milking, Cows’ hoof maintenance, feeding, making silage, artificial insemination.etc.

- **2009 Spring, Volunteer Intern – Ege University’s Saanen Goat Trial Area–** Bornova/Izmir, TURKEY.

**Job Definition:** Helping for kidding season, and managing dairy goat’s milking process.

## WORK EXPERIENCE

**University of Nebraska- Lincoln – Graduate Research Assistant**

**Dates of Employment:** 8/15/2022 – (Present)

**Colorado State University – Graduate Research + Teaching Assistant (I assisted 3 classes):**  
Principles of Animal Breeding (1 time), Foundations in Animal Genetics (2 times)

**Dates of Employment:** 17/01/2020 – 08/05/2022

**Colorado State University- Laboratory Animal Resources (LAR) – Animal Care Technician (part-time)** – worked with different kinds of laboratory animals infected with different types of viruses (blue tongue virus, chronic wasting disease, etc.) such as: white tail deer, sheep, muntjacs, fruit bats, mice, guineapigs, rabbits, cats and dogs.

**Dates of Employment:** 15/02/2020 – 08/18/2021

**MEB Sponsorship Student – I was a Turkish government sponsored student who will be sent to the United States of America** – In order to pursue a course of study at an institution leading to a “**Master’s degree**” in the field of “**Ovine Breeding**”

**Sponsorship starting and ending dates:** 01/01/2018 – 08/05/2022

**Sponsorship includes; 6 months - for English courses in USA and 2 years for master’s degree in USA.**

**NUTRIVET A.Ş - <https://www.nutrivet.com.tr>** – Feed Additives Sale Company– Aegean regional manager (Agriculture Engineer), Bayraklı/Izmir, TURKEY.

**Dates of Employment:** 03/01/2017 – 02/01/2019 (2 year)

**VİBA Tarım Gıda ve Hayvancılık San. Tic. Ltd. Şti.** 1400 Dairy Cattle Capacity of Dairy Farm Facility Manager – Animal Scientist (Agriculture Engineer) – Tire/Izmir, TURKEY .  
[www.viba.com.tr](http://www.viba.com.tr)

**Dates of Employment:** 10/03/2012 – 12/02/2016 (4 years)

**My job definition was:** Managing all animals feeding rations, supply all feed ingredients (barley, alfa alfa, corn, etc.), Control animals’ behaviors using the herd management programs, finding customers for milk and young calves and managing employees’ shift tables.

## **ADDITIONAL EDUCATION & CERTIFICATES**

<b>2022 – BIOCONDUCTOR FOR GENOMIC SCIENCE – COURSERA</b> <a href="https://www.coursera.org/account/accomplishments/certificate/42UFD5Q69Z2S">https://www.coursera.org/account/accomplishments/certificate/42UFD5Q69Z2S</a>
<b>2022 – WHOLE GENOME SEQUENCING OF BACTERIAL GENOMES – TOOLS AND APPLICATIONS - COURSERA</b> <a href="https://www.coursera.org/account/accomplishments/certificate/Y7LTD7JAGSV2">https://www.coursera.org/account/accomplishments/certificate/Y7LTD7JAGSV2</a>
<b>08/16/2021 – GRADUATE TEACHING ASSISTANT TRAINING</b> GRADUATE SCHOOL OF COLORADO STATE UNIVERSITY
<b>2021 - PHYTON FOR GENOMIC DATA SCIENCE – COURSERA</b> <a href="https://www.coursera.org/account/accomplishments/certificate/CJ2PRD44RX78X">https://www.coursera.org/account/accomplishments/certificate/CJ2PRD44RX78X</a>
<b>2021 - Genomic Data Science with GALAXY - COURSERA</b> <a href="https://www.coursera.org/account/accomplishments/certificate/CY5HP5KVHS3Y">https://www.coursera.org/account/accomplishments/certificate/CY5HP5KVHS3Y</a>
<b>2021 - Introduction to Genomic Technologies – COURSERA</b> <a href="https://www.coursera.org/account/accomplishments/certificate/SHU78YHH7ADZ">https://www.coursera.org/account/accomplishments/certificate/SHU78YHH7ADZ</a>
<b>2020- Introduction to Basic Research Techniques with Mice – CSU- LAR</b>
2015 – Good Farming Practices in Animal Production Controller, TSE & Republic of Turkey Ministry of Agriculture and Forestry, Kızılay / Ankara, TURKEY
2015 – ISO 9001, TSE, Kızılay / Ankara, TURKEY 2015 – ISO 22000, TSE, Kızılay / Ankara, TURKEY 2015 – ISO 18001, TSE, Kızılay / Ankara, TURKEY
24.25.26.27/06/2013 – DAIRY COW EDUCATION CENTER, AKSARAY – “Dairy Cows Management and Feeding ” – SÜTAŞ, AKSARAY, TURKEY
2013 - Animal Welfare Course While they are transporting – Ministry of Agriculture and Forestry, TURKEY
13.06.2013 – QUALITY MANAGEMENT SYSTEM- INTERNAL AUDITOR COURSE- VİBA A.Ş, TURKEY
7 May 2011 - OHSAS 18001 OCCUPATIONAL HEALTH AND SAFETY MANAGEMENT SYSTEM – EGESAN, TURKEY
8 May 2011 - ISO 14001 ENVIRONMENTAL MANAGEMENT SYSTEM – EGESAN, TURKEY
2011 - Organic Agriculture Course – ETO Place: Aegean University, Bornova/İzmir, TURKEY
2010 – Web design course – Place : Public Education Place: Bornova/İzmir, TURKEY
2009 – “Sustainable Agriculture – Instructor: Raanan Katzir Place of Course: Slovak Agriculture Universtiy, Nitra, SLOVAKIA.
2009 – Intensive Slovak Course – Insctuctor: Kosice University Place: SLOVAKIA
2009 – Beginning to Russian Place: Slovak University of Agriculture in Nitra, SLOVAKIA

## **AWARDS AND SCHOLARSHIPS**

**2008- 2009** – TOG Scholarship

**2009-2012** – VIBA LTD – Undergraduate Scholarship

**2019 – 2022** – MEB – YLSY – Master's Degree in abroad Scholarship

**2020** – Dr. H.H. Stonaker Animal Breeding and Genetics Award – CSU

**2022** – Certificate of Academic Excellence – CSU (in recognition of receiving 4.0 GPA)

**2022** – Othmer Fellowship

**2022** - Svajgr Travel Award (supported travel the American Sheep Association annual meeting (Fort Worth, Texas; Jan.)

**2023** – Larrick Graduate Student Travel Grant

**2023** - Ned S. and Esther B. Raun International Graduate Fellowship

## **CONTRIBUTIONS TO SCIENCE**

### **Undergraduate Research:**

Comparison of multi-factor experiments, and nested multi-factor experiments was my undergraduate thesis subject.

### **Former Graduate Research:**

Genetic relationship between ewe longevity and structural foot and leg traits in sheep (Second M.S. Degree Thesis Subject – CSU) Mountain Scholar, Aug 29, 2022, <https://mountainscholar.org/handle/10217/235633?show=full>

**Yazar Gunes, H., González-Murray, R. A., Sánchez-Castro, M. A., L. Passafaro, T., L. Bernal-Rubio, Y., J. Andersen, K., ... & Enns, R. M. (2021).** New approach to sustained cow fertility trait. *Translational Animal Science*, 5(Supplement\_S1), S195-S198.

**González-Murray, R. A., Martínez, P. G., Vigíl, V., Yazar-Gunes, H., Sánchez-Castro, M. A., Enns, R. M., ... & Thomas, M. G. (2021).** Heterosis effects on age at first calving in a multibreed beef cattle herd in Panama. *Translational Animal Science*, 5(Supplement\_S1), S185-S188.

**GUNES H. Y. (2020).** Effects of Hatching Supplement (Hydrated Nutritional Supplement) with Symbiotic Usage on Performance, Nutrient Digestibility, Immune System and Slaughter Characteristics in Broiler Production (First M.S. degree thesis subject)

**GÜNEŞ, H. Y., & AÇIKGÖZ, Z. 2020.** Etlik Piliç Üretiminde Simbiyotik İlaveli Cıvcıv Maması (Sulandırılmış Besin Takviyesi) Kullanımının Performans, Besin Madde Sindirilebilirliği, Bağışıklık Sistemi ve Kesim Özellikleri Üzerine Etkileri. *Ege Üniversitesi Ziraat Fakültesi Dergisi*, 57(4), 479-491. DOI: 10.20289/zfdergi.644058

**AÇIKGÖZ, Z., & GUNES, H. Y. (2019).** Problem and Control of Poultry Red Mite (*Dermanyssus gallinae*) in Layer Production. *Ege Üniversitesi Ziraat Fakültesi Dergisi*, 56(4), 553-560. DOI: 10.20289/zfdergi.610474

## **CAREER GOAL**

My long-term career goal is to increase my knowledge and expertise in ovine breeding and genetics and learn how to evaluate and improve the native breeds for producing milk and meat through traditional quantitative genetics approaches and genomics. In addition to that being able to create and select the breeds which are resistant to climate change and serve the small ruminant industry as an animal geneticist.

## **VOLUNTEERING**

- **Community Volunteers Foundation** - <https://www.tog.org.tr/en/> - JAN 2008 – JAN 2009 - Teaching math to the children in the countryside
- **Turkish Student Organization at UNL** – Primary Coordinator JAN 2023 - Present

## **REFERENCES**

1-) <b>Dr. Zümrüt AÇIKGÖZ</b> – Ege University – Feeds and Animal Nutrition Department- ( <b>First Master’s degree thesis advisor</b> ) +90 505 825 26 95 – <a href="mailto:zumrut.acikgoz@ege.edu.tr">zumrut.acikgoz@ege.edu.tr</a>
2-) <b>Dr. Figen KIRKPINAR</b> - Ege University- Feeds and Animal Nutrition Department – ( <b>Academic advisor</b> ) + 90 532 371 20 42 – <a href="mailto:figen.kirkpinar@ege.edu.tr">figen.kirkpinar@ege.edu.tr</a>
3-) <b>Dr. Çiğdem TAKMA</b> – Ege University - Biometry and Genetics Department– ( <b>Bachelor’s degree thesis advisor</b> ) + 90 536 448 94 03 – <a href="mailto:cigdem.takma@ege.edu.tr">cigdem.takma@ege.edu.tr</a>
4-) <b>Dr. Mark Enns</b> - Colorado State University – Breeding and Genetics Department – ( <b>Second master’s degree thesis advisor</b> ) – <a href="mailto:Mark.Enns@colostate.edu">Mark.Enns@colostate.edu</a>
5-) <b>Dr. Milt Thomas</b> – Colorado State University – Breeding and Genetics Department – <a href="mailto:Milt.Thomas@colostate.edu">Milt.Thomas@colostate.edu</a>
6-) <b>Dr. Scott Speidel</b> – Colorado State University – Breeding and Genetics Department – ( <b>Second Master’s degree co-advisor</b> ) <a href="mailto:Scott.Speidel@colostate.edu">Scott.Speidel@colostate.edu</a>
7-) <b>Dr. Ron Lewis</b> – University of Nebraska -Lincoln –Breeding and Genetics Department – ( <b>Ph.D. advisor</b> ) – <a href="mailto:ron.lewis@unl.edu">ron.lewis@unl.edu</a>