

MacKenzie “Lulu” Hoffman

College Station, TX | 512-653-3926 | LinkedIn: www.linkedin.com/in/LuHoffman | lulu.mg.hoffman@gmail.com

EDUCATION

BS – Wildlife & Fisheries Sciences

Dept. Rangeland, Fisheries & Wildlife Management

GPA: 3.39 | Hours: 113

Texas A&M University,
College Station, TX
May 2023

RELEVANT EXPERIENCE

Schubot Exotic Avian Health Center

Undergraduate Avian Caretaker

College Station, TX
3/2021 – Present

- Performed daily SOP for Cockatiels, Macaws, Quaker Parrots, and House Sparrows.
- Assisted in Veterinary teaching opportunities involving handling, capturing, releasing, nail-clipping, beak-trimming, and medicating of on-sight residents including Avian Bornavirus patients.
- Performed necessary facility care involving cleaning, organization and functionality of the Aviary, species-specific rooms and BLS2 research rooms.
- Assisting Dr. Sharman Hoppes, DVM, ABVP-avian with her Fellow’s blind study thesis work investigating the effects of standard anesthesia drugs on Quaker Parrots.
- Assisting Dr. Jill Heatley, DVM MS DABVP (Avian, Reptilian & Amphibian) DACZM with animal handling during teaching opportunities for nail and beak-trimming, as well as monitoring patients.
- Assisting Dr. Scott, mentor to Veterinary student Emily Halsmer, in subject handling for their research: “Clinical ophthalmic parameters of the Quaker Parrot”.

Austin Aquarium

Mammal & Avian Husbandry Specialist

Austin, TX
3/2019 – 1/2020

- Responsible for the day-to-day husbandry of small mammals and avian species.
- Performed daily feeding schedules, as well as followed daily enrichment, training, and interactive activities for mammals and avian species.
- Provided supervised educational interactive experiences with mammals, birds, and guests while maintaining responsible care and safety for animals and individuals and educating guests on the importance of conservation for select species.

RESEARCH & PROJECTS

Activity & Interaction Among Ungulates

Undergraduate Researcher | Dept. of Rangeland, Wildlife and Fisheries Management

Dr. Stephen Webb | Dr. Ty Werdel

Texas A&M University,
College Station, TX
10/2022 – Present

- Analyzing camera trap data to correlate species interactions of White-tailed deer, domestic cattle, and wild pigs.
- Manipulating data in Excel and formatting data into R to analyze overlap of species at two rangeland sites.
- Presented data findings at Student Research Week.

March 2023

Grace Lab

Undergraduate Assistant | Dept. of Ecology & Conservation Biology

Viridiana Martinez | PhD Student

Texas A&M University,
College Station, TX
(2/2021 – 5/2021)

Avian Malaria Prevalence in North American Waterfowl

- Performed data analysis by extracting DNA from avian tissue and blood samples as well as running polymerase chain reactions (PCRs) to amplify DNA for the presence of three genera of avian malaria parasites.
- Employed Microsoft Excel data entry and organization for Viridiana’s genetic sexing data.

Schubot Grant

Undergraduate Assistant

- Investigated the effects of chronic and acute stress on the immune response of House Sparrows.
- Performed netting protocol of House Sparrows in College Station, collected, recorded, and analyzed data using with DNA extractions and PCRs.

Schubot Grant

PRESENTATIONS

Ecological Integration Symposium (EIS)

Animal Activity & Overlap of Ungulates

Undergraduate Research Presentation

- Developed and presented undergraduate research project analyzing species activity and overlap of ungulates.

Texas A&M University,

College Station, TX

March 2023

Student Research Week (SRW)

Animal Activity & Overlap of Ungulates

Undergraduate Research Presentation

- Same as above.

Texas A&M University,

College Station, TX

March 2023

Honey Hole Hangout | Episode 133

Aggie Fly Talk | Interview & Collaboration | Sports Podcast

- Collaborated with Joseph Lopez and spoke about the development of a student organization.

San Antonio, TX

February 2023

PUBLICATIONS (IN PROGRESS)

Hoffman, M. G., Werdel, T. J., Webb, S. L., & Proctor, M. D. (2023). *Activity Patterns and Potential Interactions Among Cattle, White-tailed Deer and Wild Pigs* (abstract). Noble Resources Institute, Ardmore, OK.

CERTIFICATIONS

Biosafety Level 2 Training – Biosafety

Schubot, 7/2021

Biosafety Level 1 Training – Biosafety

Schubot, 2/2021

Laboratory Safety – EHS

Schubot, 5/2021

Animal Allergens – BOHP

Schubot, 11/2021

Hazard Communication

Schubot, 4/2021

COVID 19 Management & Guidance Plans – TAMU

Schubot, 8/2021

Information Security Awareness

Schubot, 2/2023

Creating a Discrimination-Free Workplace

Schubot, 2/2023

Ethics & Fraud

Schubot, 2/2023

EXTRACURRICULAR ACTIVITIES

TAMU Fly Fishing Club

TU Costa 5 Rivers | *Founding Research & Conservation Chair*

- Orchestrated and participated in member education, community outreach, and conservation activities.

Texas A&M University,

College Station, TX

Spring 2023

TAMU Student Chapter of the Coastal Conservation Association

Secretary & Social Media Chair

- Facilitated community outreach and social advertising for club-related activity.

Texas A&M University,

College Station, TX

Fall 2021 – Spring 2022

TAMU Student Chapter of The Wildlife Society

Member

- Participated in club-related activities and social networking events.
- BWTE capture and banding (Louisiana).

Texas A&M University,

College Station, TX

Fall 2020 – Spring 2022

March 2023

Schubot Center for Avian Health

Texas A&M School of Veterinary Medicine | *Member*

- Participated in community outreach events and educational seminars.

Texas A&M University,

College Station, TX

Spring 2021 – Present

Aggie Fly Talk

TAMU Fly Club – TU Costa 5 Rivers | Social Engagement Podcast

Co-host & Guest Speaker

- Orchestrated and participated in educational outreach and social networking for club-related activities.

Texas A&M University,

College Station, TX

Spring 2023

AWARDS

Distinguished Academics Award

- Achievement of GPA score > 3.0 with > 15 credit hours.

Texas A&M University
Spring 2022

College of Agriculture Academic Grant

- Achievement of stellar academic standing at full-time status.

Texas A&M University
Fall 2021 – Spring 2023

VOLUNTEER EXPERIENCE

Spring Blue Wing Teal Banding Season

Louisiana Department of Wildlife and Fisheries | Paul Link

University of Georgia | Department of Veterinary Pathology | Deborah Carter

University of Missouri | College of Agriculture, Food, and Natural Resources | Masters Student

Volunteer – TAMU Student Chapter of the Wildlife Society

- Collaborated with LDWF to capture and band 300+ Blue wing teals.
- Assisted with UGA Deb Carter and Masters student to swab and bleed randomly sampled ducks for avian influenza and avian coronavirus study.

Rockefeller Wildlife Refuge
Grand Chenier, LA
March 2023

Darwin Day

Volunteer – Representing Schubot

- Orchestrated and collaborated with Schubot employees to facilitate community education and outreach about animal husbandry and research.

College Station, TX
March 3, 2023

Austin Aquarium

Volunteer

- Engaged in community outreach.
- Assisted in animal care SOP.

Austin, TX
Summer 2019

SKILLS

Microsoft Excel | Data manipulation | ArcGIS | Data management | R coding software | BSL1 | BSL2 | Record Keeping | Scientific Writing | Project Management | Time Management | Research | Laboratory Safety | Field Safety | Prioritization | Coaching | Attention to detail | Punctual | Reliable | Persistent | Enthusiastic | Collaborative | Flexible | Adaptable | Leadership | Networking | Customer Service | Money Handling | Social Media | Biosecurity | Community Outreach |