

DONNELL BONEY JR



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donbone@udel.edu

OBJECTIVE

Aspiring animal bioscientist with a bachelor's degree in Animal Biosciences from the University of Delaware. Currently pursuing a master's degree in Veterinary Biosciences at the University of Delaware while participating in graduate project research. Looking to pursue a career in animal (poultry, swine, ruminant, and pets) focused scientific research.

EDUCATION

Master of Science in Veterinary Biosciences

University of Delaware
Aug 2024 – Current

Bachelor of Science in Animal Bioscience

University of Delaware
Aug 2016 – May 2022

Middletown High School

Aug 2012 – May 2016

RESEARCH EXPERIENCE

Project Research

University of Delaware
Mar 2025 – Current

- Care and handling of poultry
- Serum isolation, processing, and data analysis
- Gut permeability assay using FITC-dextran
- Feed additive testing and research in poultry
- Tissue sampling, processing, for qRT-PCR for gene expression
- Poultry production and nutrition

RESEARCH PROJECTS

Feed additives in Broiler Chickens – Current

Researching the interactions of feed additive (enzymes) administration in broiler chickens and early life gut microbiome development.

PROFESSIONAL EXPERIENCE

Operations Specialist, Oil Programs

Tri-State Bird Rescue & Research, Inc.
Jun 2023 – Jul 2024

- Responded to oil spills that impacted native wildlife
- Provided care for oiled native wild birds, and other animals
- Maintained oiled wildlife response readiness
- Prepared contingency plans and projects in response to oil spills

- Provided written and oral communication with internal and external partners
- Collaborated with external stakeholders, non-governmental organizations, and government agencies
- Developed best practice strategies
- Educated the public about wildlife rehabilitation and oiled wildlife

Customer Service Specialist

Golf Galaxy

Aug 2020 – May 2023

- Provided customer assistance
- Conducted point of sale transactions
- Collaborated with coworkers regarding equipment and advancements in technology
- Certified Club Fitter

Animal Care Technician

Middletown Veterinary Hospital

Aug 2018 – Aug 2019

- Maintained clean and contaminant free boarding areas
- Provided mixed nutritional needs
- Provided basic medical care and maintenance
- Performed opening and closing procedures
- Monitored animal health and maintained health records
- Trained and coached other Animal Care Technicians

Picker

Amazon Fulfillment Center

Jun 2016 – Aug 2016, Jun 2018 – Aug 2018

- Item/product retrieval for distribution preparation
- Use of organization and time management to meet goals

Summer Intern

Brandywine Zoo

Jun 2017 – Aug 2017

- Administered basic animal care
- Educated visitors about the types of animals and their habitats
- Participated in live animal shows and encounters
- Presented various programs
- Led tours for scheduled groups
- Assisted with the special events

Dog Trainer

Petco

Jun 2017 – Aug 2017

- Customer service
- Animal care and handling
- Dog training

Parcel Pick up/Bagger

Giant Food Grocery Store

Oct 2015 – Jan 2016

- Customer service
- Parcel retrieval
- Building maintenance
- Product stocking

Counselor

Boys & Girls Clubs of Delaware

Jun 2014 – Jul 2014

- Attended to campers and their needs
- Maintained camp building facilities
- Led various basketball drills and exercises for campers
- Assisted other counselors

VOLUNTEER EXPERIENCE

Volunteer

Brandywine Zoo

Aug 2015 – 2022

- Educated zoo visitors
- Provided animal nutrition and practiced animal handling techniques
- Assisted zoo workers

Achiever

The Achievers Program Inc.

Jan 2015 – Jun 2015

- Participated in weekly educational workshops
- Completed community service
- Participated in commencement and ball room culture events
- Participated in assignments and public speaking

Volunteer Counselor

Boys & Girls Clubs of Delaware

Jun 2013 – Jul 2013

- Maintained camp building facilities
- Led various basketball drills and exercises for campers

SKILLS/TRAINING

Animal Husbandry • Animal Nutrition • Animal Welfare • Animal Behavior • Statistical Data Analysis • Statistical Modeling (Wildlife Ecology & Biology) • Survey Research

LABORATORY SKILLS

GC/MS detection of SCFA and analysis • FITC-dextran gut permeability assay • qRT-PCR of immune markers for gut inflammation • Tissue mRNA extraction

COMPUTER SKILLS

Microsoft Office • Mac programs • Flowjo • JMP pro • FASTA • BLAST

INTERPERSONAL SKILLS

Motivated • Adaptable • Resilient • Organized • Open minded • Willing to learn • Open to constructive criticism
• Communicative • Patient • Positive • Leadership

HOBBIES/TEAM EXPERIENCE

Golf (20+ years) • High School Golf Team (2 years) • Music Production (Logic Pro X)

ORGANIZATIONS

Poultry Science Association (PSA) Student Organization Member • World Poultry Science Association Member

REFERENCES

Dr. Mark S. Parcels

Professor

Dept. of Animal and Food Sciences

Dept. of Biological Sciences

Dept. of Medical & Molecular Sciences

University of Delaware

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Role: M.Sc. Advisor

Dr. Alexander Yitbarek

Assistant Professor of Avian Health Biology

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Role: M.Sc. Research Project Supervisor