

# Waterfowl Research at the Hiram College James H. Barrow Field Station

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Barrow Field Station



## Topics

IACUC's

Facilities

Grants

Work Study

Partnerships

Projects

Challenges





# IACUC's

- ▶ **Institutional Animal Care and Use Committee**
- ▶ **Standard committee at most Universities**
- ▶ **Made up of faculty researchers, administrators, staff, contracted vet, members of the community and students**
- ▶ **Established rules that must be followed for research to be conducted**
- ▶ **Institutional forms have to be filled out in advance and approved by the entire committee**
- ▶ **Advanced planning suggested**
- ▶ **Administrators, community members, and students can delay process because of the lack of understanding**
- ▶ **Must maintain open door policy for safety of researchers, students and animals**

# Hiram College JHB Field Station Waterfowl Conservation Facility

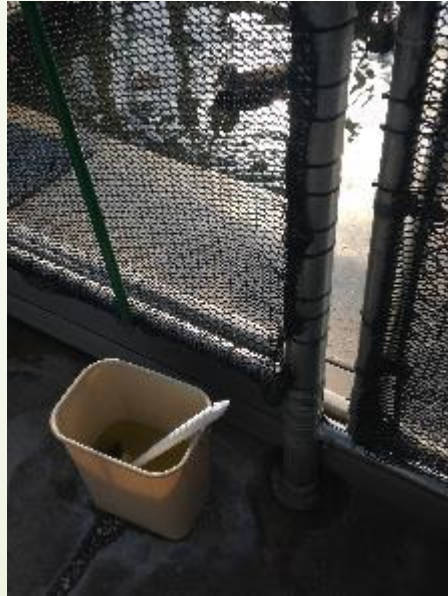


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# Waterfowl Conservation Greenhouse

Bio secure

Students provide daily care

Seasonal: sides up in summer  
with access to outside pens

Maintain temp at 55

Hiram maintains facility and  
provides daily care to the  
birds as per AZP animal care  
standards

AZP maintains food, health  
needs and any supplies  
needed for cleaning and  
disinfection of the space





# Grants and Funding

- ▶ OEEF
  - ▶ Grants up to \$25,000
  - ▶ Offered twice a year
  - ▶ Accountability and Prep time
  - ▶ Great for graphics and teaching materials
- ▶ Private donors
  - ▶ Provide yearly or quarterly updates
  - ▶ Use pictures, emails and cards around the holidays
  - ▶ Invite them out to see progress
- ▶ OWRA
  - ▶ Scholarships for student training
- ▶ Ohio EPA
- ▶ Ohio Division of Forestry

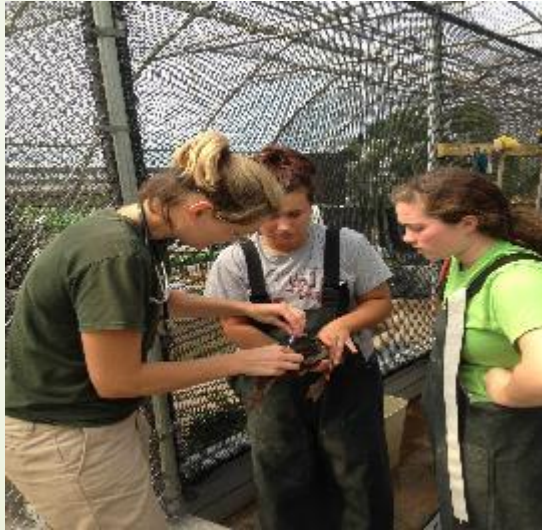


# Federal Work Study

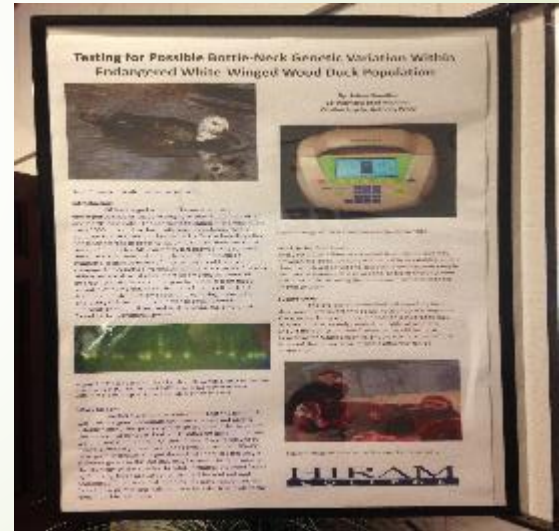
- ▶ These funds alone could fund all student labor for the entire year at the JHBFS
- ▶ Rules about what the students are doing and where they are doing it
- ▶ Need to work with College Administration to highlight use of funds for work being completed by the students
- ▶ Not all students are eligible to receive work study funds
- ▶ Need to find other funding for students not eligible for FWS funds
- ▶ Students not getting FWS are offered volunteer positions to test their commitment to the JHBFS. If they stay and continue to work as expected they are offered non-work study funds which come from private donors

# Projects

AZP Avian TB  
Research



HC Genetic  
update on WWWD  
Relatedness





# Projects

Use of bio filters in  
WWWD water  
systems



## Winter bio filters



# Projects

## Water Conservation



Water  
Conservation with  
bio filters in wild  
birds



# Partnerships

AZP



Medina Raptor  
Center



# Partnerships

Pen Glen Rehab  
Center



SHW





# Partnerships

Portage Soil and  
Water District



Western Reserve  
Land Conservancy



# Partnerships

Crestwood  
Schools



Local Community  
and Neighbors



# Challenges

- Constant search for funding
- Every 3-4 years new group of students
- Young freshman with NO experience
- Transporting students to and from campus to Field Station
- Class schedules/availability
- Weather/Snow load
- Students being students
- Communicating with younger generation
- Open to the public from Dawn until Dusk
- Lack of Full time staff
- 550+ acres to monitor



# Questions?

