

11/10 Guest Speaker notes - Tim Van Deelen

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- Academic background and Experience
 - Studied whitetailed deer in Michigan's upper peninsula
 - Put radio collars on them to study migration patterns
 - BS in Biology, MS & Ph.D in Wildlife Ecology
 - Professional scientist/adjunct faculty - University of Illinois
 - Natural Resource Research Scientist - WI Department of Natural Resources
 - Assistant/Associate/Full Professor at UW's Department of Forest and Wildlife Ecology - for over 15 years
 - Nelson Institute Faculty Affiliate
 - Faculty Director - GreenHouse Learning Community
 - Faculty - Au Sable Institute of Environmental Studies
- Training professional conservationists
 - Scientific approach: applied population dynamics of terrestrial wildlife
 - Teaching approach: Canon, History, & Service
 - Mentoring approach - grad school not the best format currently
- Importance of sustainability of nature
- Some of the topics in his lab:
 - Threatened and Endangered species
 - Hunted and exploited
 - Community structure
 - Humans and wildlife
 - Modeling - to understand complex data sets with statistical analysis

Q & A:

- Graduate research fellowships
 - Some options: TA or RA, may include stipend depending on program
 - Take advantage of undergrad opportunities!!
 - More mobile
 - Expand networks
- How to get experience
 - Job/technician boards
 - Local & federal government
 - Texas A&M
 - <https://wfscjobs.tamu.edu/job-board/>
 - Apply for related scholarships
 - Lab mentorships
 - (Entry level) Environmental jobs can be hard to get into → Persistence!!

- Academics: Getting into grad school
 - Usually require Masters degree before Ph. D
- Do you need to have a clear goal of what you want to get into specifically before grad school and applying for jobs?
 - Cold-call professors
 - Read up on their work beforehand and ask for opportunities
 - Get experience in whatever opportunity you can get, rather than waiting for your exact specific interest
- Chronic Wasting disease - deers
 - Bryan Richards expert