



# The Lakeshore Nature Preserve

610 Walnut Street, 9<sup>th</sup> Floor  
Madison, WI 53726

Reference material for Preserve Committee meeting November 21, 2013 Agenda item:

*Use of Academic Fund for coyote/fox monitoring collar purchase request.*

See attached project proposal: **Coyote and red fox use of the Lakeshore Nature Preserve**

## Background information Lakeshore Nature Preserve “Academic” account

1. “...*The purpose of this fund is to provide flexible funding to help implement the 1999 Master Plan for the Lakeshore Nature Preserve with particular emphasis on support of academic programs that contribute to restoration and management of the Lakeshore Nature Preserve.*” [UW Foundation fund description]
2. The Preserve Committee authorizes the use of this fund.
3. The Academic account is an endowment with an estimated annual income of \$3,340.
4. The expendable balance, from accrual of annual income, is \$28,060.
5. Prior use: The fund has been used primarily to pay Landscape Architecture students under the supervision of Professor Evelyn Howell to plan and implement vegetation monitoring and management.

**Project Proposal  
for funding or support within the  
UW-Madison Lakeshore Nature Preserve**



Today's Date: *November 6, 2013*

Title of Project Proposal: *Coyote and red fox use of the Lakeshore Nature Preserve*

Applicant Name (organization/UW unit/class/individual): *David Drake*

Project Lead (person responsible for coordination of the project/work/support):

Name: *David Drake*  
 Address: *1630 Linden Dr, Madison, WI*  
 Phone: *608-890-0445*  
 E-mail: *ddrake2@wisc.edu*

Proposed Implementation Year(s) 2014 to 2016 Has this proposal been submitted in the past? Yes or No?

1.	<p><b><u>Project Location:</u></b> In what area or program of the Preserve would you like to provide assistance?</p> <p><i>Based on home range and movement patterns of coyotes and red fox, our project location is likely to be throughout the entire Lakeshore Nature Preserve.</i></p>
2.	<p><b><u>Project/Support Description:</u></b> What type of work are you are interested in doing? Provide a <b>short 1-paragraph summary</b> of your proposal.</p> <p><i>We are proposing to live trap and radio-collar 2 coyotes and 2 red fox. The objectives of our project are to 1) document home ranges of urban coyotes and red fox; 2) measure activity patterns of urban coyotes and red fox; 3) monitor interactions between coyotes and red fox, and coyotes, red fox, and human users of the Lakeshore Preserve.</i></p>
3.	<p><b><u>Project Planning:</u></b> Does your proposal follow an existing Preserve implementation plan? Yes or No? If no, why not? (i.e. no plan exists for this area, etc.) If yes, which plan?</p> <p><i>Yes, our project is a laboratory use of the Lakeshore Nature Preserve for research and education.</i></p>
4.	<p><b><u>Funding Request:</u></b></p> <p><i>We are requesting \$500 to purchase 2 of the 4 collars. The other 2 collars are being purchased through one of David Drake's accounts.</i></p>
5.	<p><b><u>Volunteers:</u></b> Do you have volunteers that want to assist with field work? If so, how many people? Yes or No? If yes, what is the number of people who can volunteer?</p> <p><i>The Wildlife Society's UW-Madison student chapter is adopting this project as a chapter project. The student chapter's membership exceeds 150 people. While not all 150 will participate in this project, it is conceivable that as many as 50 volunteers and students will help radio track and monitor coyotes and fox over the 3-year life of the project.</i></p>
6.	<p><b><u>Project Timeline:</u></b> Is this project/support for a one-year initiative or for multi-years?                  One year _____ Multi-years <i>2014 to 2016</i></p>
7.	<p><b><u>On-Going Support:</u></b> If this is a land management project, can your group commit to volunteer field work for on-going maintenance of the area in future years? Yes or No? If no, why not?</p> <p><i>Yes, we can support the life of the project.</i></p>