

**APPLICATION FORM**  
**Return completed form to: [steve.keto@wmich.edu](mailto:steve.keto@wmich.edu)**

The Review Panel established under the Governance Charter will approve, seek clarification and/or modifications, or reject proposals based on its judgement as to whether or not the proposed activities are fully consistent with the above goals and use restrictions. An appeal process is available. If your activity or project is approved, you will be expected to provide a brief report each year on the progress of your educational, research and/or restoration activities and a final report when you complete the research. These reports will be posted on the Asylum Lake website.

This application form has two main purposes. One is educational: to encourage you to consider the various dimensions of your project as they relate to the overall goals and restrictions on the use of the Preserve. The other is to help the Review Panel identify potential problems. If problems are identified, the Panel will seek to work with the proposer to resolve them in an expeditious manner.

Some of the questions included in the form may not apply to your project. Simply indicate N/A (not applicable) if that is the case. In responding to questions that do apply, a brief response with your best estimate of the actions/impacts involved will be fine. If additional information is needed, the Review Panel will ask for it.

Information on management plans/policies adopted by the Asylum Lake Policy & Management Council, other ongoing research and restoration efforts at the Preserve, and the basic documents establishing the Preserve and its governance structure are available on the Asylum Lake Web Page: [www.wmich.edu/asylumlake](http://www.wmich.edu/asylumlake).

**Application to use Asylum Lake Preserve for Research, Restoration, Teaching, and/or other Educational Activities**

**Project Leaders:**

Principal Investigator(s)/Instructor  
Ben Giese

Department or Institutional Affiliation:  
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Co-Investigator(s) and/or student researcher(s):

Department or Institutional Affiliation:

Phone:

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**Project Summary and Relationship (if any) to Other Projects:**

Title of Course/Project/Activity:

Student Wildlife Survey

This project is focused primarily on:

☐ Teaching    ☒ Research    ☐ Other (describe)

Brief description of project/course:

Place camera traps on game trails to support local ecological research.

What part of the property do you wish to use? What access/egress will be needed?

I would like to place 5-7 cameras in the meadow area, on the water's edge, and in the woods.

Dates you expect to begin and complete your field work/activity:

One month from time of funding, it will take me one day to install and I will go once or twice a month to collect data and check batteries (depending on how many triggers occur).

How will your project be funded?

WMU's Student Sustainability Grant

What percentage of the necessary funding for your project is assured?

At this point, 0%, but if my proposal is accepted it would be 100% funded.

Does your requested activity relate to other projects that have taken or are taking place on the Asylum Lake Preserve? (Refer to [www.wmich.edu/asylumlake/research](http://www.wmich.edu/asylumlake/research)) If so, describe them and how they relate to your project.

Not to my knowledge.

Will your project have any potential impacts on nearby habitats, facilities or projects? If so, please describe

Potential impacts include boosting student interest in Asylum Lake Preserve and improvement of our understanding and subsequent management of Asylum Lake Preserve ecology.

**Project Support Needs, Equipment Required, and Numbers of People Involved:**

Will you require support from Landscape Services, e.g., mowing a path or clearing some underbrush? If so, please describe.

No.

Will you need to bring motorized vehicles onto the property? If so, what kind, for what purpose, and how often? Which entrances will you use? Will you need to go off of existing roads and/or paths?

No.

What are your parking needs, if any?

None which aren't already provided for.

Will you need to bring any mobile power sources onto the property? If so, describe them, their noise levels, and when, where, and how long they will be used.

The cameras will be outfitted with rechargeable AA batteries, and they don't make much noise.

Will you need to bring any chemicals, solvents, or toxic materials onto the property? If so, describe them and the protective measures planned.

The batteries will be in the cameras and they will be properly disposed of if they no longer function.

How many people will be entering the property at once? What time of day? For how long? Which entrance will you use?

One, possibly two if someone would like to take a walk with me. It would be during the daytime, and I am guessing it will take me a maximum of 3-4 hours to mount and test the cameras.

Will they be staying on the trails or dispersing?

I will need to leave the human trails, but I step lightly and have a terrible habit of picking up litter whenever I see it.

Will they be collecting specimens and/or taking samples?

Photographic samples and specimen only.

What is the nature of the collection and/or sampling?

High definition.

Have you defined the minimum and maximum number of specimens/samples necessary? If so, please describe.

n/a

Will your collection/sampling leave a visible sign? If it is feasible to return specimens/samples will you do so?

The cameras will be mounted with straps and once removed will leave no trace.

**Project Impacts and Potential Impacts on the Preserve:**

Does your research necessitate a change or disturbance of the landscape, the construction of any structures, or the installation of posts, well heads or pipes, fences, plastic covers or barriers, or markers? If so, please describe.

I will be placing signs at all Preserve entrances stating the possibility of surveillance and giving a brief description of the project.

What is the size or area and the visibility of the change, disturbance, structure, or other objects?

n/a

Is the change, disturbance, structure, or object relatively permanent? (lasting 5 or more years)

n/a

If the change or disturbance is temporary, will it be removed, decompose or regrow? Please describe how and by when.

The cameras may move around, but when the Survey is complete they will be removed.

Will there be a cost for the removal of the structure or object and/or restoration of the site?

No.

Is that cost included in your proposal?

n/a

Please describe how your research or educational activities help maintain and/or support the enhancement of the preserve as defined in the Protective Agreement and the Management plans adopted for the Preserve. (Refer to: [www.wmich.edu/asylumlake/Asylum Lake Management Council.htm](http://www.wmich.edu/asylumlake/AsylumLakeManagementCouncil.htm))

Accumulating population and behavioral data on the wildlife which call Asylum Lake Preserve home will develop our understanding of the ecosystem and our impact on it. Students will more easily be able to appreciate local wildlife if they can see pictures of them, and the research projects facilitated by the data will be very useful and interesting.