



# PRESERVE!

friends OF THE LAKESHORE NATURE PRESERVE

Spring 2015

## Learning to "See" Climate Change: From Wisconsin to the World and Back Again

*Climate expert John Kutzbach to speak at annual meeting*

By John Kutzbach

You're invited to the *Friends of the Lakeshore Nature Preserve's* Annual Meeting. John Kutzbach will discuss: "Climate Change: from Wisconsin to the World and Back Again." The meeting is open to the public.

John will take us on a 'mind's eye' view of how and why climate has changed, how and why it will continue to change, and how we are beginning to do something about it.

It's easy to see the day-to-day changes of weather, but seeing climate is harder. We need to use different eyes to see the decade-to-decade or century-to-century changes of climate— the eyes of earlier observers and the insights gained from new scientific tools.

The eyes of university students, professors and townspeople help us see the dramatic decrease of ice duration on Lake Mendota that has occurred over the past 150 years. The eyes of keen Wisconsin phenologists enable us to see changes in blooming dates of plants and the migration dates of birds. Through the eyes of geologists and archeologists we see changes more distant in time. And today's physicists, ecologists, and earth scientists add new insights— lab experiments, 'environmental time-capsules' preserved in sediments, sensors on earth satellites, climate models, and computer technology. These tools provide an ever clearer picture of *how* and *why* global climate and environments change, and their likely trajectory in coming decades.

It is 'settled science,' but very 'unsettling science.'

**What:** *Friends* Annual Meeting

*Guest speaker: Prof. John Kutzbach*

**When:** Tuesday, April 7, 7:00 pm

6:30 pm for Refreshments

**Where:** Arboretum Visitor Center

**Public is Welcome.  
Please Bring a Friend.**

Stepping back from the numbers, what else do we 'see'? In our mind's eye, we all store images of our favorite Wisconsin landscapes, including those of the Lakeshore Nature Preserve, and of more distant 'scapes— glacier-capped mountains or tropical biomes. Because of changes already underway, those who follow us will see different landscapes and biomes.

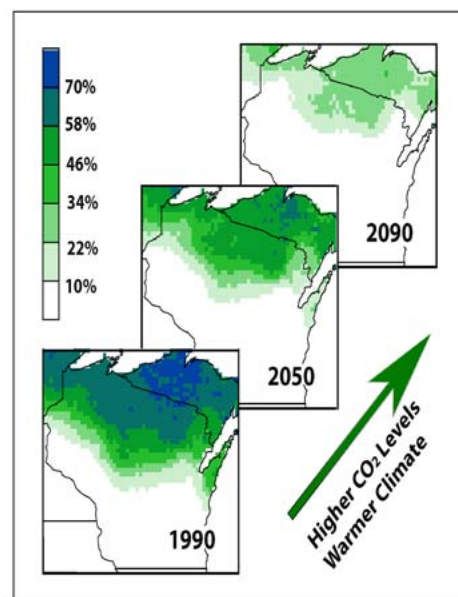
We now have the capability to see a range of potential climatic and environmental futures. Having this new time-telescope view is an amazing development: science-backed visions of alternative futures were not available to past generations. With this new knowledge, we are positioned to make informed choices that will affect the next generation.

We are *beginning* to address the challenges of climate change, both as individuals and nations, but not nearly enough in either scope or speed. Our task is to become active agents in this promising trend – to be messengers for action, neighbor-to-neighbor for starters, like the concentric circles formed by a splash of water.

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John Kutzbach has been a student of climate since 1959, when he started his first research projects on the waters and ice of Lake Mendota. He joined the UW-Madison faculty in 1965. He is professor emeritus of the Department of Atmospheric and Oceanic Sciences, and of the Nelson Institute. Now, as a Senior Scientist in the Nelson Institute's Center for Climatic Research, he is continuing computer-based research to simulate global and regional climate change. He was elected to the National Academy of Sciences in 2006.





# Spring and Summer Field Trips

**Road Salt Study of the 1918 Marsh**, March 1 (Sunday), 12:00 noon - 2:00pm - Learn about sampling salt in the inlets, open waters, and outlet of University Bay Marsh with a demonstration of how chloride concentrations from road salt are tested. We may traverse ice, snow, or a few inches of standing water. Trip may be postponed if inclement weather. Meet at Lot 130 across from Picnic Point. Leaders: Greta Helmueller and John Magnuson (jjmagnus@wisc.edu)

**Nighttime Owl Prowl in the Preserve**, March 21 (Saturday) 6:30pm - 9:00pm - Join in a search for resident great horned and barred owls, and possibly screech owls. Co-sponsored with Madison Audubon Society. Bring flashlights or headlamps; binoculars will be provided. Hike is limited to 20 people; please RSVP. Meet at entrance to Picnic Point, in Lot 129. Leader: Carolyn Byers (716-390-1554) carolyn.byers@madisonaudubon.org

**Spring Equinox Walk with UW's Science Expeditions, Destination Station Picnic Point**, March 22 (Sunday) 2:00pm - 3:30pm (normally Paul Noeldner's 4th Sunday Walk) - Learn about the geology and history of the Preserve and enjoy the sights and sounds of early spring migratory birds in Picnic Point woods, Biocore Prairie, and the Eagle Heights Community Gardens. Meet at the main gate to Picnic Point in Lot 129. Leaders: Paul Noeldner (698-0104) paul\_noeldner@hotmail.com, Sue Denholm sueatholm@ameritech.net, and Doris Dubielzig dubielzig@sbcglobe.net

**Beginning Birding** (evening), April 18 (Saturday) 6:30pm - 9:00pm - Have your bird questions answered and get help identifying those small streaky brown birds as we visit both prairie and woodland habitat. We may even hear some owls as dusk falls. Madison Audubon will provide 20 pairs of binoculars. Meet at entrance to Picnic Point, in Lot 129, and bring your whole family. Leader: Carolyn Byers (716-390-1554) carolyn.byers@madisonaudubon.org

**Restoration Ecology in the Eagle Heights Woods**, April 25 (Saturday) 1:00pm - 3:00pm - Get a behind-the-scenes spring look at restoration efforts to restore the biological health of this oak forest and woodlands. The new Eagle Heights Woods restoration project is being funded by the Friends (for updates check [www.friendslakeshorepreserve.com/](http://www.friendslakeshorepreserve.com/)). Park along Wood Lane and meet at the Shady Lane trailhead. Leader: Adam Gundlach: (220-3482) agundlach@fpm.wisc.edu

**4th Sunday of the Month Birding and Nature Walk with Paul Noeldner**, April 26 (Sunday) 1:30pm - 3:00pm, - Co-sponsored with the Madison Audubon Society (see the website for details). Meet at the Eagle Heights Community Gardens shed. Park across the street from the Community

Gardens entrance in lot 131. Leader: Paul Noeldner (698-0104) paul\_noeldner@hotmail.com

**Lakeshore Nature Preserve Spring Birding**, May 3 (Sunday) 7:30am - 10:30am - Explore Picnic Point and adjacent areas for spring migrants, including warblers, vireos, thrushes, orioles and tanagers. Bring binoculars and a field guide if you have them. Meet at Picnic Point parking lot. Co-sponsored with Madison Audubon Society. Leaders: Roma Lenehan and Peter Fissel (226-0260) peter.fissel@wisc.edu

**Warblers of Frautschi Point**, May 13 (Wednesday) 7:30am - 9:30am - We will focus on seeing warblers through the leafy foliage, and will look for other spring migrants. Meet at the Frautschi Point parking lot on Lake Mendota Drive. Leader: Roma Lenehan (238-5406) rlenehan@charter.net

**Bird Banding at Biocore Prairie**, May 16 (Saturday) 8:00am - 12:00 noon - Come by any time between the listed hours and learn about bird banding (hands on if you wish), the contributions of banding to our knowledge of birds, and our efforts towards conservation. Co-sponsored with the Madison Audubon Society. Park at the Picnic Point parking lot and walk up to the Biocore Prairie above the Eagle Heights Gardens. Leader: Mara McDonald (274-2534) mamcdona@wisc.edu

**4th Sunday of the Month Birding and Nature Walk with Paul Noeldner**, May 24 (Sunday) 1:30pm - 3:00pm - co-sponsored with the Madison Audubon Society (see the website for details). Meet at the Eagle Heights Community Gardens shed. Park across the street from the Community Gardens entrance in lot 131. Leader: Paul Noeldner (698-0104) paul\_noeldner@hotmail.com

**Lake Mendota Boat Trip**, June 2 (Tuesday) 10:00am - 12:00 noon (weather date, Friday, June 5, 10:00am - 12:00 noon) - Learn about Lake Mendota and the shoreline of the Preserve from aboard LIMNOS, the Center for Limnology research vessel for teaching, research, and outreach. Group size is limited to 12. Reserve your place for this always-popular field trip by email to the leader. Meet at Hasler Limnology Laboratory one block west of Memorial Union. Leader: John Magnuson (jjmagnus@wisc.edu).

**Effigy Mounds of the Preserve**, June 13 (Saturday) 1:00pm - 3:00pm - Visit effigy mounds dating from 700 AD to 1200 AD. Learn about the mounds themselves, the life-ways of their builders, and how we honor these sites today. Meet at the Picnic Point parking lot. Leader: Paul Borowski (886-6777) paborows@wisc.edu

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**4th Sunday of the Month Birding and Nature Walk with Paul Noeldner**, June 28 (Sunday) 1:30pm – 3:00pm, co-sponsored with the Madison Audubon Society (see the website for details). Meet at the Eagle Heights Community Gardens shed. Park across the street from the Community Gardens entrance in lot 131. Leader: Paul Noeldner (698-0104) paul\_noeldner@hotmail.com

**Pretty Things with Wings**, July 11 (Saturday) 10:00am - 12:00 noon - Join in a search for butterflies, dragonflies, and an occasional bird. Bring your binoculars. Co-sponsored with the Madison Audubon Society and the Southern Wisconsin Butterfly Association. Meet at the Picnic Point parking lot. Leader: Edgar Spalding (265-5294) spalding@wisc.edu

**Native Pollinators in the Preserve**, July 19 (Sunday) 9:00am - 11:00am - Join us in searching for pollinators in the Preserve while learning about diversity, lifestyles, and the importance of pollinators. Meet at the Picnic Point parking lot. Leader: Susan Carpenter (886-7504) susan.carpenter@wisc.edu

**4th Sunday of the Month Birding and Nature Walk with Paul Noeldner**, July 26 (Sunday) 1:30pm – 3:00pm - Co-sponsored with the Madison Audubon Society (see the website for details). Meet at the Eagle Heights Community Gardens shed. Park across the street from the Community Gardens entrance in lot 131. Leader: Paul Noeldner (698-0104) paul\_noeldner@hotmail.com

**Restoration Ecology in the Eagle Heights Woods**, August 8 (Saturday) 1:00pm - 3:00pm - Get a summer perspective on restoration efforts to restore the biological health of this oak forest and woodlands. The new Eagle Heights Woods restoration project is being funded by the Friends (for updates check [www.friendslakeshorepreserve.com/](http://www.friendslakeshorepreserve.com/)). Park along Wood Lane, and meet at the Shady Lane trailhead. Leader: Adam Gundlach: (220-3482) agundlach@fpm.wisc.edu

**Introduction to Trees in the Nature Preserve**, August 15 (Saturday) 1:00pm - 3:00pm - Take a walk through the Preserve to identify the wonderful variety of trees along the paths. This hike is good for young and old; families are encouraged to attend. Meet at the Picnic Point parking lot. Leader: Laura Wyatt (265-9275) wyatt@fpm.wisc.edu

**4th Sunday of the Month Birding and Nature Walk with Paul Noeldner**, August 23 (Sunday) 1:30pm - 3:00pm, co-sponsored with the Madison Audubon Society (see the website for details). Meet at the Eagle Heights Community Gardens shed. Park across the street from the Community Gardens entrance in lot 131. Leader: Paul Noeldner (698-0104) paul\_noeldner@hotmail.com

**Lakeshore Preserve Birding**, August 29 (Saturday) 8:00am - 11:00am - We will look for early fall migrants, including “confusing fall warblers”, vireos, flycatchers, and others. Bring binoculars and a field guide if you have them. Co-sponsored with the Madison Audubon Society. Meet at Lot 130 at Picnic Point. Leaders: Roma Lenehan (238-5406) rlenehan@charter.net and Marty Evanson (mtevanson@gmail.com)

## Please Join the *Friends* for these Special Volunteer Days

Meet up with old Friends and new. These special Friends volunteer work events are also open to the public.

We're hoping many hands will make light work. We'll also celebrate spring with seasonal treats.

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**Garlic Mustard Pull**  
**Saturday, May 2, 1:30- 3:30 pm**  
**Meet at Frautschi Point parking lot.**

Bring friends and neighbors to pull. You'll be amazed how many bags can be filled in two hours. Finish off with a special treat- Garlic mustard and spinach quiche!

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**Spring Festival**  
**Planting with the Friends**  
**Sunday, May 17th, 9 am – noon**  
**Meet at Frautschi Point parking lot.**

Join the *Friends* as we plant flowers in open spaces at the Frautschi Point trail junction. We'll plant Wild Columbine, Jacobs Ladder, Shooting Star, Wild Geranium, Early Meadow-rue, Poke Milkweed, False RueAnemone, and more. Imagine the beauty. Or come to watch, take photographs, or help with documentation of planting locations. Be sure to enjoy our Spring Festival Celebration, at 11:00am, with lemonade, fruits of spring, pastries and cake.





# *Eagle Heights Woods*

## A rich past and bright future

By **Daniel Einstein**, Historic and Cultural Resources  
Manager, Facilities Planning & Management

UW-Madison is fortunate to have more extant Native American burial mounds than any other university in the world. With this distinction comes the responsibility to carefully and respectfully steward these sacred places.

At one time, 58 burial mounds were recorded as having been located on UW-Madison properties. Today only 35 mounds are visible above ground. (Since mounds have both above ground and below ground features it is not always easy to say that a mound has been “destroyed,” just because we are no longer able to see the earthwork feature on the landscape.)

On the main campus there are three visible mound groups (with 14 individual mounds) under the direct stewardship of the Lakeshore Nature Preserve: Picnic Point, Willow Drive, and Eagle Heights.

Three mounds, each distinctively shaped, are apparent in the Eagle Heights group: a dome shape, a straight linear shape, and a linear with an angled extension (or “tail”). Archaeologists have offered differ-

ent ideas on the possible meaning of these shapes, based on anthropological research, or perhaps, just educated hunches.

Traditionally, these three mounds have been referenced in the literature as simply “a conical and two linears.” This is to say, not fitting the traditional interpretation of “effigy” shapes—forms that are recognizable to us today as representing animal, or spirits.

However, some researchers are now wondering if conical/dome shapes might represent celestial bodies, like planets and stars, and the linear shapes might suggest snake-like creatures, or directional references.

Regardless of our current understanding of what the builders of the mounds were trying to express about their culture, we can all agree that these mound sites are part of the fascinating heritage of this region. To preserve this ancient story of Native American occupation of this land, special mound care is needed to prevent soil erosion and compaction.

Specifically, there are two major

goals for mound site management: vegetation must be managed to encourage establishment of grasses and forbs that can secure the soil; and walking paths should be aligned appropriately to provide a buffer around the mound group.

Preserve staff are now implementing the Eagle Heights Management Woods Plan, designed to accomplish these, and other, goals. It is important to note that this plan is consistent with recently approved university vegetation management policies for archaeological sites. These policies were developed after extensive consultation with archaeologists, ecological restoration experts, landscape historians and tribal representatives.

Completing the plan will take several years of hard work by staff and volunteers, as well as the financial resources of the university and our supporters. When the plan is fully implemented we can look forward to an archaeological site that is structurally stable, and a research and teaching resource that is ecologically diverse.





## ***Your support of the Eagle Heights Woods project will bring positive, lasting results:***

- Removal of hazard trees along trails and over mounds to protect visitors and burial sites
- Enhancement of views to Lake Mendota
- Encouragement of the growth of native trees and wildflowers by removing invasive plants
- Increasing plant diversity and improve wildlife habitat by planting grasses, wildflowers, and shrubs
- Refurbishing trails with carefully planned, mulched footpaths
- Realigning steep, eroded trails to reduce washouts and improve footing
- Providing ongoing monitoring and management of vegetation to promote biological health of the area.

Photo: Gisela Kutzbach

Check out these resources to learn more about Eagle Heights and American Indian mounds:

1. For a general overview of Native American presence in the Preserve explore: [http://lakeshorepreserve.wisc.edu/landscape/nativeamericans\\_1.htm](http://lakeshorepreserve.wisc.edu/landscape/nativeamericans_1.htm)
2. Spirits of Earth: The effigy mound landscape of Madison and the Four Lakes, Robert A. Birmingham, 2010.

Photo: Arlene Koziol



### **See what's happening:**

Preserve staff's Adam Gundlach will highlight the Eagle Heights Woods project on April 25th and August 8th field trips. Please see "Field Trips" on page 2 for details.

### **For more details on the area and to view the 5 year plan:**

[www.friendslakeshorepreserve.com/eagle-heights-woods](http://www.friendslakeshorepreserve.com/eagle-heights-woods).

## **The Friends Fundraising Effort: *Keeping the Story Of Eagle Heights Woods Alive***

-By Peter Fisher, Sue Denholm, Gisela Kutzbach

You may have a favorite spot somewhere in the 300-acre UW Lakeshore Nature Preserve. Maybe it's at the tip of Picnic Point where you enjoy the view on your run, or a shady place in the woods where you listen for birds. Maybe it is walking along Lakeshore Path toward the university. Or have you been drawn through the dry prairie, past Frautschi Point, and on up to the tallest hilltop to which Preserve trails can take you? This westernmost jewel of the Preserve, the Eagle Heights Woods, is the site of the *Friends'* newest project.

In these woods, you can visit three mounds built by early Native Americans. With luck, you may glimpse eagles soaring on thermals, foxes crossing a footpath, and in the earliest days of spring, carpets of ephemerals. This special spot has attracted visitors for more than a thousand years. It still does. But, unfortunately, the mounds and other unique features of Eagle Heights Woods are being degraded by invasive species, neglect, and erosion.

Since its formation by a group of visionaries, the *Friends* has been a staunch advocate for the Preserve. Over time, we have forged a close working relationship with the UW Management Staff, which now proposes a \$135,000, 5-year management plan to protect and revitalize the 27-acre Eagle Heights Woods area.

The *Friends* Board of Directors has seized the opportunity to sponsor the Preserve's ambitious revitalization project with a yearlong fundraiser. Together, we can achieve this goal and keep the story of Eagle Heights Woods alive and well for future generations.

With 100% financial participation by the *Friends* Board members and generous contributions by lead donors, we already have raised significant funds. We are committed to work with our partners, the UW Preserve staff and the University of Wisconsin Foundation, to raise the balance for this far-reaching project. We invite you to help. Please see the Eagle Heights Woods Fundraiser mailer being sent to every member (mid-March) with information on how to contribute, or visit our website at [www.FriendsLakeshorePreserve.com](http://www.FriendsLakeshorePreserve.com).

These treasured woods in the Lakeshore Preserve depend on generous and loyal friends like you.





2014 interns Madeleine Van Cleve and Lauren Bradshaw break to chat about the joys of buckthorn removal with Adam Gundlach. *Photo: Kutzbach*

**Outreach:** 2014 was an extraordinary year for the *Friends*. We opened the season with demonstrations of soil making and seed planting at the Eagle Heights Community Garden Seed Fair, an event attended by 500-600 gardeners, many with young children. We participated in two events with U.W. Hospital supporting their Wellness Program and Green Steps Challenge. We entertained young minds at the UW-Madison Science Expedition. We exhibited at the Nelson Institute Earth Day Conference, celebrated Earth Day with UW Housing, and welcomed students to campus in September with the “Party on the Path”.

**Support:** Field Trips and volunteer workdays are important aspects of our “Connect and Care” mission. The

*Friends* sponsored 19 field trips and 21 workdays. We shared field expertise in many areas: Effigy Mounds, Wildflowers, Bird Banding, Pollinators, Migrating Birds, Marsh Ecology, and Regional Geology. We toured the Community Gardens and sailed Mendota aboard the Limnos research vessel. On work days, we installed thousands of native plants, and as ever, removed loads of buckthorn and garlic mustard. We funded the Audubon intern program for its seventh season and established a bluebird trail with 14 stations. We think the birds are grateful.

**Finance:** The *Friends* finances are strong. The 2014 beginning balance below reflects our commitment to maintain a 2- year buffer for operating expenses. The ending balance includes strong support for the Eagle Heights Woods Project. Between those two numbers our main disbursements are funds for Interns and Preserve Stewardship. We are ever mindful that your money should be spent wisely.

**Membership:** Our membership is stable at approximately 300 members and is remarkably loyal. We retain over 90% of our members year-to-year. Our two biggest workdays were those that celebrated *Friends*-specific projects: the Heritage Oak restoration and the Harriet Riley Flower Installation Festival. We have a diverse and committed Board and continue to attract highly qualified individuals for Board service. This season brings the retirement of two 6-year veterans: Dave Mickelson and Evelyn Howell. We thank them for their service. We also thank Roma Lenehan and Glenda Denniston for their enormous contributions as Preserve Stewards. We thank new member Paul Noeldner for his popular monthly feathered friends excursions. And finally, a special callout to Gisela Kutzbach, who has not only given us an engaging and exciting website, but has quietly assembled a superb fund-raising team for the Eagle Heights Woods project.

**Annual Financial Report**  
*Friends of the Lakeshore Nature Preserve*

	Details	Totals
Starting balance		\$54,446.82
Income		\$59,298.16
Memberships	\$14,290.00	
Donations and memorials	\$14,615.00	
Garlic mustard Pledges	\$1,615.00	
Eagle Heights Woods funds	\$28,725.00	
Dividends and interest	\$53.16	
Expenses		\$(15,306.91)
Gifts to Preserve	-\$4,000.00	
Garlic Mustard Pledges	-\$1,615.00	
Summer Interns	-\$5,525.15	
Annual meeting	-\$565.09	
Plantings/seeds for Preserve	-\$1,506.40	
Postage, supplies and newsletter	-\$2,095.27	
Ending balance		\$98,438.07

**2015 Nominations for the Friends Board.** The *Friends* Nominating Committee, Dolly Ledin (Chair), Paul Williams, and Will Waller, recommends the candidates listed below. The *Friends* Board has endorsed this recommendation. Other candidates may be nominated by the membership at the Annual Meeting.

**Corey George** is a certified arborist and forester, with a BS in Urban Forestry from UW-Stevens Point. He has managed the parks, public gardens, and community forest in Shorewood Hills for the last 11 years, and is dedicated to protect and enhance these natural resources that so greatly contribute to the quality of life in this area - and the adjacent Preserve. Corey has experience with sustaining a continuous and diverse tree canopy, maintaining a healthy and safe urban forest, monitoring and abating disease/insect problems, invasive species removal and native plant restoration, storm water management, volunteer coordinating, and consulting.

**Galen Hasler** grew up in the Madison household of a prominent limnologist, but pursued a career in medicine at UW-Madison and post grad training in Medicine and Oncology at the University of Vermont. He practiced in Missouri, where he was deeply involved in the Missouri Prairie Foundation, participating in restoration work and serving on their board. In 1993, Galen created a 250-acre Missouri Wetland Reserve restoration project. Since returning to Madison he has served on the Board of Madison Audubon as well as the Friends Board. As downtown Madison residents, he and his wife especially enjoy walking the Lakeshore Nature Preserve while remembering those who dreamed of its creation.

**Gisela Kutzbach** has an BS degree in Atmospheric Science from the Free University of Berlin, and a PhD in the History of Science from UW-Madison, where she directed the Technical Communication Program in the College of Engineering. Gisela is a Past President of the *Friends* Board, and currently is Membership Committee chair, Webmaster, and co-chair of the Eagle Heights Woods Fundraising Committee. In collaboration with Preserve staff, she is involved in the *Friends'* educational outreach to the community. Gisela has been an avid lover of natural environments, a hiker, and a wildflower enthusiast since childhood.

**Mike Parsen** grew up exploring the Lakeshore Nature Preserve. He has a B.S. in Geological Engineering, Geology, and History from UW-Madison, earned a Masters in hydrogeology in Switzerland, and worked as an environmental consultant in France. Since 2010 he has worked as a hydrogeologist with the Wisconsin Geological and Natural History Survey. Mike's research focuses on evaluating regional response of groundwater systems to changes in pumping and groundwater recharge. He is keenly interested in water resource education and outreach due to the practical applications of groundwater models and the need to engage Wisconsin citizens in better understanding the groundwater resource issues that affect them.

**Ekatarina Mullendore** is a junior double majoring in Geography and Environmental Studies. She is actively involved in campus initiatives as an environmental educator with Badger Volunteers, a committee member for the Distinguished Lecturer Series, and currently as Social Media Coordinator for Geography Club. This past semester, she completed an internship with the Wisconsin League of Conservation Voters, tracking the organization's community impact. This will be Katya's first year as a member of Students for the Preserve, and she will serve as their Social Events Coordinator.

**Mitchell Thomas** is a zoology major and pre-veterinary student at UW Madison. As a member of both the *Friends of the Lakeshore Nature Preserve* and the Bluebird Restoration Association of Wisconsin, he was instrumental in creating the Biocore Prairie Bluebird Trail. Last summer he volunteered at Wildtracks, a manatee and primate rehabilitation center in Belize. As a member of the Board he will work towards creating and improving habitat in the Preserve for birds and other wildlife.

I'd like to make a difference by joining or making an additional contribution to-

## ***The Friends of the Lakeshore Nature Preserve***

Name \_\_\_\_\_

Street \_\_\_\_\_

City \_\_\_\_\_

State \_\_\_\_\_ Zip \_\_\_\_\_

Phone \_\_\_\_\_

Email \_\_\_\_\_

☐ I'm interested in volunteering. Please send me information by email.

☐ I'd like to go paperless & receive my newsletter by email.

### **ANNUAL MEMBERSHIP**

Student \_\_\_\_\_ \$10 ☐

Individual \_\_\_\_\_ \$20 ☐

Household \_\_\_\_\_ \$35 ☐

Steward \_\_\_\_\_ \$50 ☐

Patron \_\_\_\_\_ \$100 ☐

Other \$ \_\_\_\_\_ ☐

### **ADDITIONAL GIFT**

(If you are already a member-  
does not include membership.)

Woodland \_\_\_\_\_ \$500 ☐

Savanna \_\_\_\_\_ \$250 ☐

Wetland \_\_\_\_\_ \$100 ☐

Prairie \_\_\_\_\_ \$50 ☐

Other \$ \_\_\_\_\_ ☐

Please mail this completed form and your check payable to:

***Friends of the Lakeshore Nature Preserve***  
P.O. Box 5534  
Madison, WI 53705

*Friends of the Lakeshore Nature Preserve* is a tax exempt 501(c)(3) non-profit organization.

Ideas and *Friends* announcements for our newsletter and website are welcome.

If you'd prefer to go paperless and receive your newsletter electronically, please email us at:

[preserveFriends@gmail.com](mailto:preserveFriends@gmail.com)

President: Will Waller 608-231-6260

Vice President: Galen Hasler

Secretary: David Mickelson

Treasurer: Gretel Dentine

Friends Volunteer Coordinator:

Galen Hasler 608-206-5218

[galenhasler@gmail.com](mailto:galenhasler@gmail.com)

**PRESERVE!** Vol. 14, #2, Spring 2015

*Friends of the Lakeshore Nature Preserve*  
is a 501(c)(3) non-profit organization.

Please visit our website- [www.FriendsLakeshorePreserve.com](http://www.FriendsLakeshorePreserve.com)



## Be a citizen scientist!

### Please help complete the Lakeshore Nature Preserve Breeding Bird Study 2013-2015

We need your observations. Every sighting matters. It is important to receive information on breeding activity for all birds observed in the Preserve. Our goal is to confirm as many species as possible. Include *date(s) of occurrence, location, and, if possible, breeding activity* such as presence of pair, gathering nest material, or carrying food.

Send your observations to Roma Lenahan ([rlenahan@charter.net](mailto:rlenahan@charter.net) or 238-5406). Please include *the bird species, the activity, the date, place* (as exactly as possible – for example- 1918 Marsh by the back bridge), *and your name*.

For detailed information on this important study, please see [www.friendslakeshorepreserve.com/breedingstudy2014](http://www.friendslakeshorepreserve.com/breedingstudy2014).

**Join Us-**  
**Tuesday, April 7, 2015,**  
**7 pm, at the Arboretum Visitor Center,**  
**Friends of the Lakeshore Nature Preserve**  
**Annual Meeting**

*Speaker: Professor John Kutzbach*  
*"Climate Change: from Wisconsin to*  
*the World and Back Again"*

## Volunteer in the Preserve

Volunteering is a great way to enjoy the Preserve. Tools and training provided. Dress to work outdoors, and prepare to meet new people and have fun. Youth and groups are welcome with advance notice. For more information please contact: Bryn Scriver, Preserve Outreach Specialist, [bscriver@fpm.wisc.edu](mailto:bscriver@fpm.wisc.edu), 220-5560.

\*Sun March 8, 1-3pm (*daylight savings-set clocks ahead 1 hour*)

Sat March 21, 9-Noon

Sat April 11, 9-Noon

Sun April 19, 9-Noon

Sat May 2, 9-Noon

\*Sat May 2, 1:30- 3:30, *Friends Special Event, see pg.3*

Sat May 9, 9-Noon

\*Sun May 17th, 9-Noon, *Friends Special Event, see pg. 3*

\*Above days meets at Frautchi Point parking lot

All other above days meet at Picnic Point parking lot 129

Locations of the below dates to be determined: check the *Friends* or UW Preserve websites or contact Bryn Scriver at [bscriver@fpm.wisc.edu](mailto:bscriver@fpm.wisc.edu) or 608-220-5560

Sun June 7, 9-Noon

Sat June 27, 9-Noon

Sun July 12, 9-Noon

Sat July 25, 9-Noon

Sun Aug 9, 9-Noon

Sat Aug 29, 9-Noon

**Note:** Work parties may be cancelled in case of severe weather (snow-storms, thunderstorms, temperatures lower than 10 degrees F or above 100 degrees F), or if the ground is too muddy or snowy for work.