

# ***UPEC's 2011 Celebrate the UP!***



Upper Peninsula Environmental Coalition



## ***Schedule of Presentations***

**All events are free and open to the public!**

### **Kick-Off --- Friday, March 18, 2011**

*U.J. Noblet Forestry Building Atrium, Michigan Technological University, Houghton*

7:00 – 9:00 PM

"Songs of the North Country: A concert by White Water" – Dean and Betty Premo will be joined by local musicians Emma and Carrie Dlutkowski for this lively performance.

*Building 18 just off MacInnes Drive -- See [www.mtu.edu/map](http://www.mtu.edu/map)*

### **Saturday, March 19, 2011**

*Jutila Center, Finlandia University, 200 Michigan Street, Hancock*

#### ***Room 323***

10:00 – 11:00 AM

"Journey to the Wolf's Eye: Exploring the National Park in your backyard" – Valerie Martin, NPS interpreter

11:30 – 12:30 PM

"The Trap Hills: A Hidden Gem of Upper Michigan's Backcountry" – Doug Welker, educator, geologist, wilderness ranger

1:30 – 2:30 PM

"Paddling the Waters of the Western U.P." – Dean Juntunen, paraplegic kayaker, biker, and skier

#### ***Room 104***

10:00 – 11:00 AM

"Learning the Language of Loons: an exploration into the lives of loons" – Keren Tischler, loon conservationist

11:30 – 12:30 PM

"Bats: Misunderstood Bug-eating Machines" – Dave Dillman, U.S. Forest Service Wildlife Biologist

1:30 – 2:30 PM

"Bird Migration Through the Keweenaw" – Joseph Youngman, expert birder

*Continued on Page 4 . . .*



## Celebrate the UP! Schedule of Presentations *(continued from Page 3)*

### Room 324

- 10:00 – 11:00 AM “Use it up. Wear it Out. Make it Do or Do Without: Sustainable Living Yooper Style” – Rick Loduha, Associate Prof., Finlandia University Art & Design Program and co-director of the Sustainable Keweenaw Resource Center
- 11:30 – 12:30 PM “Is there a Moose Hunt in Michigan’s Future?” – Rob Aho, retired Michigan DNRE Wildlife Biologist
- 1:30 – 2:30 PM “Sustainable Forestry and the History of Michigan’s Forests” – Marvin Roberson, Sierra Club Forest Ecologist

### Room 205

- 10:00 – 11:00 AM “Overview of the KBIC Fisheries Management Program” – Gene Mensch, Fisheries and Wildlife Biologist, Keweenaw Bay Indian Community
- 11:30 – 12:30 PM “American Indian uses of copper and minerals in centuries past” – Susan Martin, Associate Professor of Archaeology and Anthropology, Michigan Technological University
- 1:30 – 2:30 PM “Wildlife Filmmaking and Photography with George Desort” – George Desort, filmmaker, photographer

**9:30 AM – 3:00 PM** Lunch, snacks & beverages available for purchase in the Jutila Center’s Kangas Café.

### Panel Discussion with the Public

Jutila Center, Room 323

3:30 – 4:45 PM “The U.P.’s Role in our Energy Future – the pros and cons of wind power and biofuels”

Panelists: Mike McMaken, Green Energy Solutions, “Wind and solar power and how they benefit you”  
Auriel Van Der Laar, MTU Wildlife Ecology and Management Senior, “Birds & Wind Power : Why we should do the work first and construct second”  
Robert Froese, Associate Professor, MTUSchool of Forest Resources and Environmental Science, “The impacts of using forest biomass for energy production”  
Marvin Roberson, Sierra Club Forest Ecologist, “Woody Biomass – A Viable Alternative?”

Moderator: Doug Welker

### Public Reception

Jutila Center, Room 323

5:00 – 7:00 PM Join the speakers and the UPEC board for conversation, refreshments, and music by the KSO Woodwind Players.

## UPEC awards seven environmental education grants

The Upper Peninsula Environmental Coalition (UPEC) recently awarded an unprecedented amount of support for K-12 environmental education programs across the region. Seven UP projects received grants totaling almost \$4,000.

The grants range from \$983 to the Northern Michigan University Center for Native American Studies for indigenous environmental education to \$250 to Manistique Area Schools to build remote control rovers to sample sediment samples from that community’s river bottom and take video footage. Also receiving UPEC support are Hancock High School in partnership with Finlandia University (for a landscape and literature program), Pickford Public Schools and Rudyard Area Schools (respective projects to assess and publicize water quality assessment in the Munuscong River and St Mary’s River watersheds), the Clear Lake Education Center near Escanaba (for transporting students to the center), and NICE Community Schools (to construct a sustainable community greenhouse and garden).

“This year we received the most quality grant applications since the program began,” said UPEC President William Malmsten. “It was difficult to decide which seven to fund because all proposals had merit. UPEC salutes the area educators who help young people appreciate nature and the environment. Today’s young people will be tomorrow’s voters and leaders who will determine the destiny of our beautiful peninsula. We hope through our grant program to reach into the future to have a positive impact on how the next generation cares for the land.”

“It was really a pleasant surprise to see how many environmentally-minded educators we have out there across the UP,” added Bob Evans, another UPEC board member. “They’re all doing some really neat and innovative projects to help educate the next generation about the importance of a healthy environment. This is one of those ‘good news’ stories that are sometimes hard to find among all the gloom and doom news about the environment.”

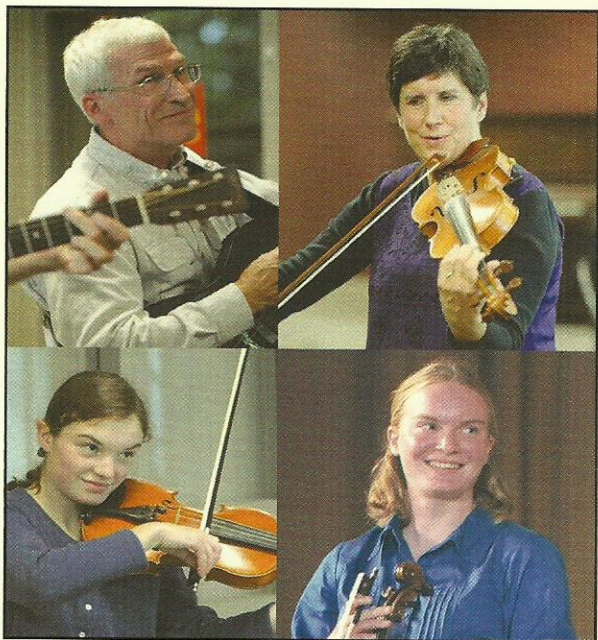


# Presenter Information and Biography

## *White Water: "Sounds of the North Country"*

Friday 7-9 p.m. Michigan Tech Forestry Building Atrium

*Just off MacInnes Drive in Houghton -- see [www.mtu.edu/map](http://www.mtu.edu/map) for Building 18*

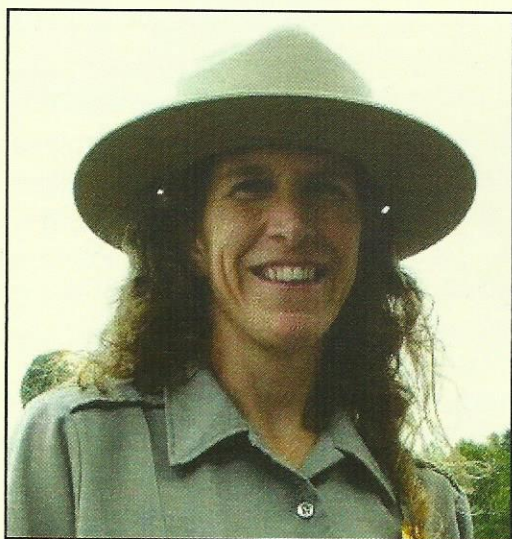


*Clockwise, upper left: Dean & Bette Premo,  
and Emma and Carrie Dlutkowski*

Since 1985, Dean and Bette Premo have made music as White Water. For much of that time, their son Evan and daughter Laurel have been part of the band. These days White Water takes on several forms (duo, trio, quartet and more). For their special concert as part of the UPEC's "Celebrate the UP," Dean and Bette will be joined by Emma and Carrie Dlutkowski.

For 25 years, Bette and Dean have organized and hosted the Second Sunday Folk Dance, the largest regular concert/dance event in the north country. They have been part of many music and cultural events in the UP and are strong advocates of involving and teaching young musicians. In 1985, Drs. Bette and Dean founded the environmental laboratory and consulting firm White Water Associates. The nationally recognized firm provides services in soil and water testing, scientific consulting, and environmental education. You can learn more about their work at [www.white-water-associates.com](http://www.white-water-associates.com).

Despite their young ages, the Houghton-based "fiddlers" Emma and Carrie Dlutkowski are long-time members of the UP classical music scene. Both are members of the Keweenaw Symphony Orchestra and chamber groups. Both started playing violin at age six. Emma has attended music camps at Blue Lake and the American Suzuki Institute and is a Suzuki violin teacher in the Copper Country. Carrie has attended the Blue Lake Suzuki Family Camp. In 2010 she attended the Swannanoa Gathering in North Carolina to learn various fiddling styles. Both Emma and Carrie add mandolins to the instrumental mix with White Water. Working with Dean Premo, Carrie built a hammered dulcimer in 2010 and has quickly developed into a fine player.



## Valerie Martin

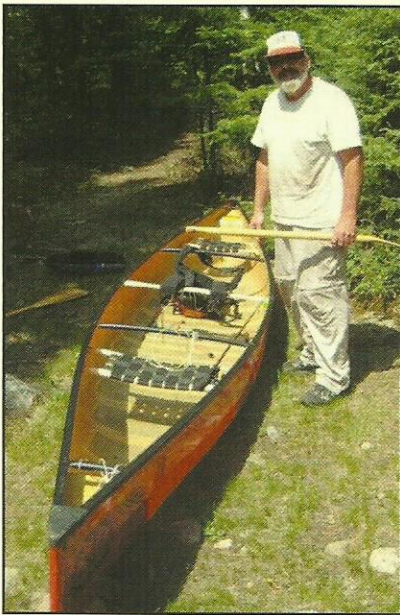
*"Journey to the Wolf's Eye:*

*Exploring the National Park in Your Backyard"*

Amidst a vast inland sea lies a remote archipelago. Travel to Isle Royale and discover why these islands and adjoining Lake Superior waters were designated as a national park.

Valerie Martin has worked for the National Park Service as an interpretive park ranger at eleven park service sites, stretching from Hawaii to Maine. Captivated by the beauty and spirit of the remote archipelago of Isle Royale, she has spent the last thirteen summers working and playing there.





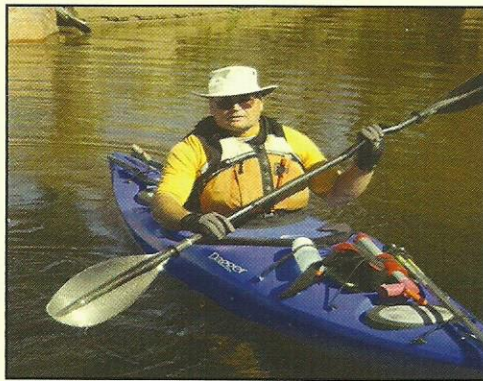
## Doug Welker

### *"The Trap Hills: A Hidden Gem of Upper Michigan's Backcountry"*

The Trap Hills of Ontonagon County are a wild, spectacular place, rich in history and recreational opportunities. Through photos, maps, and stories, Doug will argue why the Trap Hills are a great candidate for a designated National Recreation Area.

Doug is a long-time UPEC board member who has lived in the UP with his wife Marjory Johnston for the past 25 years. He has worked as a geologist, educator, and Forest Service Wilderness Ranger, to name a few.

Over the years Doug has been an active hiker, backpacker, paddler, cross-country skier, and caver, and loves to work on hiking trails and go fishing! Doug is the president of the Peter Wolfe Chapter of the North Country Trail Association.



## Dean Juntunen

### *"Paddling the Waters of the Western UP"*

Dean Juntunen is an enthusiastic paraplegic paddler from the boonies back of Mass City who enjoys kayaking on all types of water.

Dean's presentation will focus on the rivers of the Western UP, particularly Ontonagon County, and the Western UP's Lake Superior shoreline.



## Keren Tischler

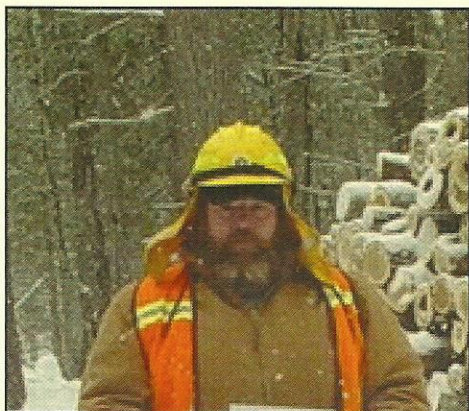
### *"Learning the Language of Loons: An Exploration into the Lives of Loons"*

Admiration of loons pervades cultures far and wide, yet much of their behavior remains an enigma to loon enthusiasts. Through images, sounds and stories, this presentation will explore what careful observation has taught us about loons at various sites in the mainland UP and on Isle Royale. Through a lens of understanding, it is my hope that we can transform our enthusiasm for loons into action that results in their protection and stewardship of the "coast" that is common between us.

I encourage you to come prepared to sketch or write during this presentation if you are so inspired. A graduate of Northland College and Michigan Tech, where I received a MS in Forest Ecology under Rolf

Peterson, I have had the privilege to observe and engage in loon studies in the Midwest, Canada and Florida for over 15 years. My current post is at Common Coast Research & Conservation, a Hancock-based non-profit organization dedicated to loon protection in Michigan.



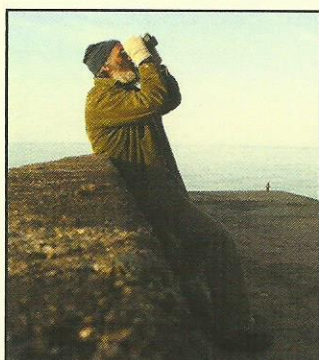


## Dave Dillman

### *"Bats: Misunderstood Bug-eating Machines"*

Bats are misunderstood and often vilified wonders of nature. This program will explore myths and facts surrounding bats, their basic biology, their roles in the ecosystem, research efforts, and threats to their survival.

I grew up in northern Indiana and graduated from Purdue University with a Bachelor of Science in Wildlife Biology. I served for four years in the U.S. Army as a Military Policeman in Germany and during the Gulf War. My work experience includes environmental consulting for an international environmental firm, assistant property manager on a state tree nursery, and as a wildlife biologist for the U.S. Forest Service. My wife (an author and reviewer) and I are proud parents of our daughter and we also have a beautiful granddaughter. We enjoy hiking, movies, and our pets.

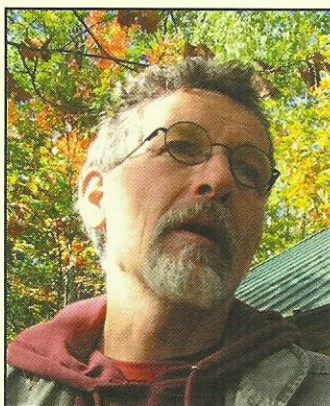


## Joseph Youngman

### *"Bird Migration Through the Keweenaw"*

An overview of bird migration through the Keweenaw and central Lake Superior with special emphasis on raptors and waterbirds.

I'm 55 years old, lived in UP since 1977. Married and work in Chassell Township. I do lots of work on breeding birds and bird migration in the UP and Lake Superior.



## Rick Loduha

### *"Use it Up. Wear it Out. Make it Do or Do Without: Sustainable Living, Yooper Style"*

If we want to address the question: "What is Sustainable Keweenaw?", we can expect answers as diverse as the many challenges. Achieving global sustainability will necessarily be a bioregional accomplishment. We will be one of a vast mosaic of sustainable communities, and in the Keweenaw we will use a local focus that honors the rich quality of our natural environment and the unique spirit of our regional culture.

Rick Loduha's professional experience includes production design, exhibit design, modular furniture design, modular architecture, architectural renovation and sustainable design education. Rick presently leads the Integrated Design program at Finlandia University – International School of Art + Design, a unique program that spans product design, interior architecture and sustainable design systems with emphasis on achieving sustainable community. Rick is also co-director of Finlandia's Sustainable Keweenaw Resource Center (SKRC), an online/on-the-ground resource library addressing: "What is Sustainable Keweenaw?"



**Celebrate the UP!**



UPEC is pleased to print this newsletter on process chlorine-free, Forest Stewardship Council-certified, 100% post-consumer recycled paper produced by Mohawk Papers. This company purchases verified emissions reduction credits and supports emissions-free wind power in its effort to be carbon-neutral.



### Susan Martin

#### *"American Indian Uses of Copper and Minerals in Centuries Past"*

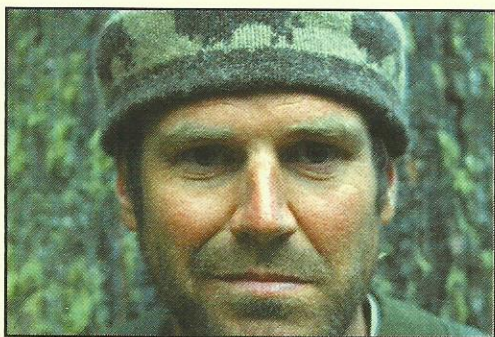


Martin tells the story of how Native Americans discovered, used, and manipulated copper and other elements and minerals for uses as tools, decorations, pigments, and more over many millennia of Upper Peninsula history.

Susan R. Martin is Associate Professor of Archaeology and Anthropology at Michigan Technological University. Her interests include resource uses and technological achievements of American Indians, and the history of anthropology in the Great Lakes region.

### George Desort

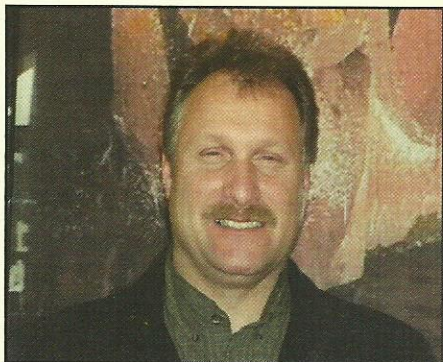
#### *"Wildlife Filmmaking and Photography with George Desort"*



Wildlife filmmaker and photographer George Desort will discuss the challenges and rewards working with nature, specifically his time on Isle Royale. He will present samples of his latest work and will have his gear on hand for demonstration. His work has appeared in *Audubon*, *National Geographic*, *Backpacker*, *The New York Times*, and PBS affiliates across the country.

### Mike McMaken

#### *"Wind and Solar Power and How They Benefit You"*



Mike McMaken, owner of Green Energy Solutions, began this company in 2008 after over 20 years in the home building industry. Mr. McMaken began researching green building for the company's new projects, realizing there was a demand for green products, but no one offered installation services. After training all over the United States and assisting townships in creating zoning for wind and solar power, he has become an expert in the site evaluation process. Now Green Energy Solutions performs residential and commercial installations in Michigan, Wisconsin, Minnesota and Ohio.

### Marvin Roberson

#### *"Sustainable Forestry and the History of Michigan's Forests"*

Michigan's forests are very different than they once were, and very different than they could be. This talk will focus on why that is, and how our current management prevents full recovery of Michigan's forests.

Born and raised in Michigan. B.S. and M.S. in Forest Ecology from University of Michigan. UP resident since 1989. 20 years with Sierra Club, at State, Regional, and National levels. Current resident of Marquette County. (Photo unavailable)



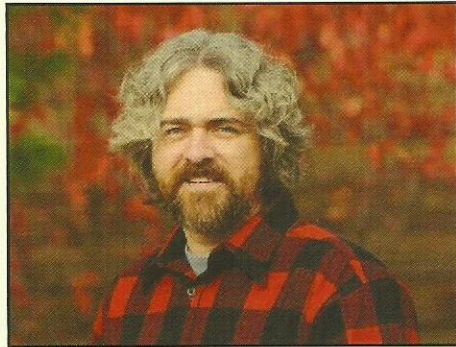


### Auriel Van Der Laar

*"Birds & Wind Power: Why We Should Do the Work First and Construct Second"*

Auriel Van Der Laar is a senior at Michigan Technological University studying Wildlife Ecology and Management. Hailing originally from Helena, Ohio she has been involved with birds and their conservation from a young age and this interest led her to Black Swamp Bird Observatory (bsbobird.org) which is currently working to understand the affect that wind energy may have on birds and their migration. Wind power has great potential to help us "go green," but what many fail to realize are the ramifications of the placement of these turbines. Auriel will talk about the efforts going on in NW Ohio to understand how turbines affect major bird migratory flyways and how what is being learning can be applied to the UP.

Auriel is also involved helping lead the Michigan Tech Birdbums, Michigan Tech's Student Chapter of The Wildlife Society and trying to find the time to enjoy the UP'S beauty between classes.



### Robert Froese, PhD, RPF

*Forest Biomass Utilization and Alternative Future Forests"*

Associate Professor, School of Forest Resources and Environmental Science Michigan Technological University.

Robert is an Associate Professor in the Michigan Tech School of Forest Resources and Environmental Science. He has a BS and MS in Forestry from the University of British Columbia, and a PhD in Forestry, Wildlife and Range Sciences from the University of

Idaho. His research program at Tech involves inventory, simulation modelling, silviculture and management of forest resources for multiple values, including biomass utilization and carbon sequestration.



### Gene Mensch

*"Overview of the KBIC Fisheries Management Program"*

Gene will talk about the creation of the KBIC Natural Resources Department, and how things have progressed over the years. His focus will be on KBIC coldwater fish hatchery establishments and cooperative agreements with multiple management agencies, late 1980s to present.

Fisheries and Wildlife Biologist for KBIC Natural Resources Department. B.S. Degree in Fisheries and Wildlife Management, Lake Superior State University. M.S. Degree in Biological Sciences with Fisheries Emphasis, Michigan Technological University. Baraga High School graduate.

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**The Isle Royale and Keweenaw Parks Association (IRKPA) is offering a \$250 scholarship** to a CCISD-area graduating senior or home-schooled student interested in pursuing a college education related to nature and the environment. The scholarship honors Bob Linn, former National Park Service chief scientist, who helped found UPEC in 1975. For information, visit [www.irkpa.org](http://www.irkpa.org), or contact Kristine Bradof at [irkpa@irkpa.org](mailto:irkpa@irkpa.org) or 482-7860. Deadline for applications is March 15.



## Check out UPEC environmental op-eds in MMJ and online

UPEC Board member and Past President Jon Saari has been writing monthly op-eds in the *Marquette Mining Journal* for the past year. This stint is now over, but Saari will begin a new relationship with *Headwaters News* writing environmental history pieces. All of his past op-eds and future essays soon will be available on the UPEC website at [www.upenvironment.org](http://www.upenvironment.org). An interview with Saari about his writings will be in UPEC's summer newsletter.

## Don't forget those Econo Foods slips -- a slow & steady way to support UPEC!

Thanks to you and Econo Foods, UPEC has earned several hundred dollars over the past few years by submitting grocery receipts collected by UPEC members. That amount represents 1% of total gross receipts from all the slips.

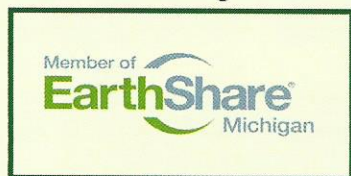
That may not seem like a lot, but when you're a non-profit organization every little bit helps. Of course, that amount could be even higher this year if more of us were to

save our slips and send them in! For a family that spends \$100/week on groceries at Econo, this would translate into \$50 of annual support for UPEC.

Either save receipts throughout the year and mail them to us, or give them to a UPEC board member -- whichever is more convenient. It's one of the easier low-cost ways you can offer your support. Thanks!

## Consider EarthShare payroll deduction to support UPEC

UPEC is a proud member of EarthShare of Michigan, an organization that allows working people to donate to environmental organizations through workplace giving campaigns. Each year EarthShare provides UPEC with critically needed funding for environmental education and program operation.



If you would like to help us earn more funding for UPEC, consider letting your employer know you want to participate in the EarthShare of Michigan giving option at your workplace through the annual payroll deduction plan. For more information, please call 1-800-386-3326 or visit [www.earthsharemichigan.org](http://www.earthsharemichigan.org)

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## Yes! I Want to Help UPEC Make a Difference!

(Please complete and give this to a UPEC board member or mail to UPEC, PO Box 673, Houghton, MI 49931)

Name: \_\_\_\_\_

I'm already a member, but I'd like to make an additional contribution to the following funds:

Email: \_\_\_\_\_

Address: \_\_\_\_\_

City, State, Zip \_\_\_\_\_

\_\_\_\_\_ UPEC Land Acquisition/Protection

\_\_\_\_\_ UPEC Environmental Education

\_\_\_\_\_ UPEC Outreach Fund

\_\_\_\_\_ UPEC Endowment Fund\*

I'd like to support the goals of UPEC by enclosing a contribution for (please check one):

\_\_\_\_\_ Regular Membership (\$20)

\_\_\_\_\_ Supporting Membership (\$50)

\_\_\_\_\_ Student/Low Income Membership (\$15)

\_\_\_\_\_ Other

\*If you make out your check to the Marquette Community Foundation and put **UPEC Fund** on the memo line, you can take a 50% tax credit on your Michigan return (up to \$200 for individuals, \$400 for couples). **OR** you can make your contribution directly to UPEC. We are a 501(c)3 nonprofit organization and your contributions are tax deductible.