



Winter 2009/2010
Volume 13
Issue 4

MISSOURI ENVIRONMENTAL EDUCATION ASSOCIATION

The MEEA Newsletter is published quarterly by the **Missouri Environmental Education Association**

Comments or Questions may be directed to Jan Weaver, 208 Tucker Hall, MU, Columbia MO 65211 or weaverjc@missouri.edu

Winter 2009/2010 Contents

- 1 President's View
- 2 MO EE News, MEEA 2009 Awardees, MEEA's New Board, Dave Murphy of CFM Recognized by Outdoor Life, Sustain Mizzou Featured in RMI Publication, MO Receives \$11 Million in Energy Efficiency Funds, MO Parks Association Seeks Funds for Parks
- 3 Professional Development
- 4 Grants & Awards
- 5 MEEA Board News
- 5 Events Calendar
- 7 Jobs : KC Active Transportation Coordinator, Missouri Votes Conservation Program Director, Renew Missouri Clean Energy Coordinator

President's View: Jenna Rhodes - 2009 MEEA Board President

My friends,

I can't believe that this year has come and gone so quickly. There was so much that I wanted to accomplish during my term, and I can check several things off of my list. We hired a bookkeeper to help us more adequately and precisely manage our financial resources, so that we may continue to meet the needs of our members and our state. The board also adopted board insurance, which protects us as an organization. Having board insurance will assist us in recruiting top notch board members to serve the organization as well. Beginning in 2010, Jan Weaver's position as executive manager will become a salaried position, taking us one step closer to having full time personnel working on environmental education issues at the state level. Our People Team put on one of the best conferences in Springfield at a beautiful, new location! We continue to build our relationships with the national organization, NAAEE, as well as several other statewide organizations to further our reach and effectiveness. And the board, as always, continues to search for ways to better serve our membership, stretch our resources, and improve the lives of Missourians by fighting for environmental education in a multitude of settings. So much was accomplished this year, but there is still so much to do!

But I leave MEEA in truly capable hands as I pass the presidency off to Nancy Snider. She is passionate and knowledgeable and will continue to take MEEA to bigger and better places. And I know that Mike Kromrey will do an outstanding job as president-elect as he learns the ropes of leading this organization. He has so much potential and I look forward to watching him grow in his leadership. Our finances will be watched ever-so-closely by the money savvy Fran Fry, who I met through my work with the Environmental Literacy Plan. She has continued to impress me with her never-ending drive and determination to do the work required to make whatever she does a success. And as for our new board...what can I say? Each of these professionals brings with them expertise and skills that will positively serve the vision and mission of MEEA in unique ways. I look forward to Angelette Pritchett's web skills, Andrea Putnam's enthusiasm, Carol Mahan's continuity, and Kathie May's years of experience to enhance and enliven board meetings and the work of MEEA.

I would also like to acknowledge our board members who will continue to fight the good fight in their daily careers and at the table during board meetings. John Sode keeps us up to speed in his minute-taking as Secretary. And Eric Arnold, Deb Ballin, and Doug Miller work in their respective teams as Board Members at Large to further hammer out the details of business plans, awards, conferences, and website effectiveness. Without these individuals stepping up to run for office the oh-so-important responsibility of creating an environmentally literate Missouri citizenry might happen slowly, or not even at all. So with this, my last column as President, I would like to say thank you. Thank you to the members for supporting this organization and for supporting the idea that Missouri is a beautiful state with so much potential. I have learned so much and have met so many wonderful people. And although I am moving to the next step in my journey within MEEA I will continue to work hard to move environmental education forward in our state. Won't you work with me?

Sincerely and thankfully yours,
Jenna Rhodes

Missouri EE News

Kudos! 2009 Missouri Environmental Education Association Awardees

- ◆ Organization, Agency or Business Award: Missouri Master Naturalist
- ◆ Community Award: Blue River Watershed Association
- ◆ Student Organization Award (new in 2009): Missouri State Students for a Sustainable Future
- ◆ Lifetime Service Award: Janice Greene, Bull Shoals Field Station

MEEA Welcomes New and Thanks Retiring Board Members. Following elections for 2010 Officers and Board Members, MEEA welcomes new President Elect, Mike Kromrey of the Watershed Committee of the Ozarks, Springfield area, new Treasurer Fran Fry, of Niangua High School, Springfield area, and new Board Members, Andrea Putnam, with State Parks and living the Jefferson City area, Kathie May, New Mark Middle School in the Kansas City area, Angelette Pritchett, formerly in the Jefferson City area, but starting a new job in the St. Louis area, and returning Board Member Carol Mahan with the Department of Conservation in the Rolla area. MEEA thanks retiring Past President Jill Black, with Missouri State University in Springfield, retiring Treasurer Anna-Lisa Tucker, (who is starting a new position in Indiana), and retiring Board Members Norma Neely, with Truman State and the Kirksville area, and Melvin Johnson with Springfield -Green County Parks, for their valuable service on the board. Continuing on the board are Board Members Eric Arnold, Deb Ballin, and Doug Miller, Secretary John Sode, President Nancy Snider and Past President Jenna Rhodes.

Dave Murphy of Conservation Federation of Missouri Recognized by Outdoor Life - Dave Murphy of CFM was recently recognized as one of Outdoor Life's 25 people who have changed the face of hunting and fishing. Dave was honored for "Inspiring the next generation" of conservationists. Go to the Outdoor Life website to read about Dave and to vote for him in the Reader's Choice selection (you must register for this- click on the thumbs up) <http://www.outdoorlife.com/photos/gallery/hunting/2009/11/outdoor-life-25-2010?photo=0#1001319097>

University of Missouri and Sustain Mizzou featured in RMI Publication. In 2008 the Rocky Mountain Institute set out to compile best practices in climate change initiatives on US Campuses. Only 12 institutions made the cut, and thanks to an application by Patrick Margherio and Ben Datema of Sustain Mizzou, the University of Missouri Columbia was one of them. RMI has just published "Accelerating Campus Climate Initiatives" on its website. You can download a copy at <http://www.rmi.org/rmi/Campuses>.

Missouri Receives \$11 Million in Recovery Act Funds for Energy Efficiency Programs. Gov. Jay Nixon announced the Missouri Department of Natural Resources is accepting grant applications to Energize Missouri Communities. The department will award more than \$11 million in grant funding to cities and counties throughout Missouri to implement energy efficiency projects. These projects will be funded by the American Recovery and Reinvestment Act of 2009. This infusion of grant funding will help cities and counties improve energy efficiencies within their facilities, provide cost savings and help protect the environment. More details are at http://www.dnr.mo.gov/newsrel/nr09_458.htm. Other stories are at <http://www.dnr.mo.gov/newsrel/index.html> (copied from MO DNR)

Missouri Parks Association Seeks More Funding for State Parks.

Missouri Parks Association President Susan Flader said Thursday the backlog of repairs at state parks is around \$200 million. Flader spoke a joint House and Senate committee that reviews state building projects. Flader urged lawmakers to consider using federal stimulus money to fix leaky roofs, sewage systems and other infrastructure elements. The MPA will be meeting again on Monday January 11 from 1-3 pm in Jefferson City and will follow up their meeting with visits to legislators. More details are at <http://www.connectmidmissouri.com/news/story.aspx?list=194655&id=389045> (included information from KRCCG)

2009 MEEA Officers

President: Jenna Rhodes - Grandview
President Elect: Nancy Snider - St. Louis
Past President: Jill Black - Springfield
Secretary: John Sode - Lebanon
Treasurer: Anna-Lisa Tucker - Wildwood

2009 MEEA Board

Eric Arnold - Kansas City 2009 - 2010
Deb Ballin - St. Joseph - 2009 - 2010
Melvin Johnson - Springfield 2008-2009
Mike Kromrey - Springfield 2009-2010
Carol Mahan - Rolla - 2008-2009
Retha Meier - St. Louis - 2008 - 2009
Doug Miller - Jefferson City - 2009 - 2010
Norma Neely - Kirksville 2008-2009

Staff and Liaisons

Communications: Jan Weaver - Columbia
Membership: Carol Harris - Jefferson City
DNR Liaison: Jim Lubbers - Jefferson City
MDC Liaison: Regina Knauer - Jefferson City

2010 Meetings (TBA)

Professional Development Workshops

sorted first by region - NW to SE - then by date; date, title, MEEA Category -(1), (2) or (3) - location - webpage or email
MEEA Workshop Categories - Category 1: environmental education objectives; includes at least three activities; furnishes background information; supplies resources or references; incorporates a glossary; and includes an evaluation. These workshops must be approved by MEEA. **Workshops already approved for college credit are automatically approved for Category 1 Workshops.** Category 2: structured outdoor experiences. Category 3 : EE resources. Some workshops may have fees. College credit courses will have tuition fees. Some workshops have pre-registration deadlines, act quickly if you would like to attend. Additional workshops at <http://www.meea.org/profdevcalendar.shtml>. Certification Program information at <http://www.meea.org/certification.shtml>

Northwest (Cameron, St. Joseph, Maryville, Trenton)

- January 12 - Master Naturalist Spring Training Orientation (1)- Tuesdays 6 to 9 pm, February 16 thru May 16, plus 3 Saturday sessions, \$ tba MDC Office St. Joseph, contact Tom Fowler, fowlert@missouri.edu- <http://extension.missouri.edu/masternaturalist/>

Northeast (Hannibal, Kirksville, Macon, Mexico, Moberly)

- Nothing at this time - check the neighboring regions

Kansas City (Blue Springs, Excelsior Sprngs, Grandview, Gladstone, KC, Lee's Summit, Liberty, Sedalia, Warrensburg)

- January 12-15 - Certified Interpretive Guide Training (1) - Burr Oak Woods, Blue Springs. contact Lisa LaCombe at lisa.lacombe@mdc.mo.gov for details

Central (Columbia, Rocheport, Jefferson City, Marshall)

- January 4 - 12 - Wilderness First Response Training (2) - deadline December 18, Columbia - <http://ventureout.missouri.edu/>
- January 13-14 -Wilderness First Aid (2) - deadline December 18, Columbia - <http://ventureout.missouri.edu/>
- January 22-24 -Projects WET, WILD and Learning Tree Faciliator Training (1) - Country Club Hotel, Lake of the Ozarks - contact Erica Cox at ericacox@missouristate.edu or call 417-836-4337, http://www.projectwet.missouristate.edu/Upcoming_Eventsi_project_wetwater_educat.htm
- February 4 - Master Naturalist Spring Training Orientation (1)- Thursdays 6 to 9 m March 4 thru May 27 with 3 Saturday field trips,MDC office, Camdenton, \$100 contact Jackie Rasmussen, rasmussenj@missouri.edu - <http://extension.missouri.edu/masternaturalist/>
- February 8 - Spring Master Naturalist Training Orientation (1)- classes Mondays 6 to 9 pm, March 1 thru May 10, at the Boone Co Extension Ctr, Columbia with 3 Saturday field trips \$75, contact Kent Shannon, shannond@missouri.edu- <http://extension.missouri.edu/masternaturalist/>

St. Louis (St. Louis, St. Louis Co Cities, Sullivan, Washington)

- January 9 - Journey Through the Seasons: Winter Ecology (1) - Shaw Nature Reserve, Gray Summit - <http://mdc.mo.gov/teacher/workshops/>
- January 9 - Level 2 Volunteer Water Quality Monitoring Workshop (1) - 8:30 am to 5:00 pm, Powder Valley Nature Center, 11715 Cragwold Rd, must have completed Level 1 and submitted data - http://mostreamteam.org/whats_happening_stl.asp
- January 14 - Native Plant School (3) - Shaw Nature Reserve, Gray Summit - https://www.mobot.org/iebms/coe/coe_p1_all.aspx?&oc=10&cc=educlasses&rankid=S
- January 23 to 24 - Discover Nature Women: Columbia Bottom Camp-In (3)- 5 pm Saturday to 12:30 pm Sunday, Columbia Bottom Conservation Area - <http://www.mdc.mo.gov/areas/areas/bottom/>

Southwest (Bolivar, Branson, Carthage, Joplin, Lebanon, Marshfield, Monett, Nixa, Ozark, Springfield)

- January 9 - Cold Weather Canoeing Clinic (2) - James River Water Trail, Springfield Parks - <http://www.parkboard.org/info/outdoor/index.htm> January 25 - Master Naturalist Spring Training Orientation (1)- Mondays 6 to 9 pm February 15 through May 3, Walter Woods Conservation Area, Joplin, contact Ed Browning, browningc@missouri.edu - <http://extension.missouri.edu/masternaturalist/>

Ozark (Cabool, Huston, Mountain Grove, Rolla, Saint James, Salem, Waynesville, West Plains, Willow Springs, Winona)

- January 29 & 30 - Landscape Design with Missouri in Mind (2) - 8 am to 4 pm, 500 Forum Drive, Rolla - <http://www.grownative.org/about/events.asp?sr=1&id=103>

Southeast (Cape Girardeau, Doniphan, Farmington, Hayti, Ironton, Jackson, Kennet, New Madrid, Poplar Bluff, Sikeston)

- Nothing at this time - check the neighboring regions

Statewide

- 2010 January 12-15 - Certified Interpretive Guide Training (1) - Burr Oak Woods, Blue Springs. contact Lisa LaCombe at lisa.lacombe@mdc.mo.gov for details

National

- Continuous - Habitable Planet Course - (1) - online from the Harvard Smithsonian Center for Astrophysics and the Harvard University Center for the Environment - 13 half-hour streaming video programs, online text, professional development guide, and a Web site. Graduate credit is available from participating institutions. All online materials are free of charge and hard copies of materials are available at nominal cost. <http://www.learner.org/resources/series209.html>

- January 5 registration - Online Environmental Communication for Behavior Change (1) - January 26- March 7, from Duke Environmental Leadership Program. This course provides environmental professionals with an introduction to the strategies and tools of environmental communication that effectively lead to changes in behavior - <http://www.nicholas.duke.edu/del/continuinged/envcommspg.10.html>
- January 22 - March 14 - Climate Discovery Courses (1) - Offered by the National Center for Atmospheric Research (NCAR) a series of six and seven week online courses for middle and high school teachers that combine geoscience content, information about current climate research, easy to implement hands-on activities and group discussion CD 501 Intro to Earth's Climate, CD 502 Earth System Science: A Climate Change Perspective, CD 503 Understanding Climate Change Today - <http://ecourses.ncar.ucar.edu/>
- February 1 - April 23 - Fundamentals of EE (1) - Stevens Point Environmental Education Online course - either a 3 credit college course or a non-credit workshop - http://www.uwsp.edu/natres/eetap/fee_course_page.aspx
- February 1 - April 30 - Applied EE Program Evaluation (1) - Stevens Point Environmental Education Online course - either a 3 credit college course or a non-credit workshop - http://www.uwsp.edu/natres/eetap/aepe_course_page.aspx

Grants, Awards, Scholarships and Other Opportunities

- **President's Environmental Youth Awards.** *December 31, 2009.* Recognizes youth for projects with demonstrate commitment to the environment. <http://epa.gov/enviroed/peya/index.html>
- **Monsanto Fund.** *January 1, 2010.* 501 (c) (3), H.R. 4 Compliance and audit. Average grant \$22,000, range \$250-\$1,200,000. For projects in St. Louis area or seed manufacturing areas and programs focusing on healthy environments which conserve and protect special places and teach children and families how to value them. <http://www.monsantofund.org/asp/FAQ/FAQ.asp>
- **Toyota International Teacher Program in Costa Rica.** *January 6, 2010* for June 18 - July 3 2010 Trip. For secondary classroom teachers or teacher-librarians with 3 years of consecutiv, full-tim teaching experience by the program start date. The Toyota International Teacher Program offers fully-funded, international, professional development opportunities for U.S. educators. Funded by Toyota Motor Sales, U.S.A., Inc., the program aims to advance environmental stewardship and global connectedness in U.S. schools and communities through creative, interdisciplinary, and solution-based teaching methods. <http://www.toyota4education.com/pmwiki.php?n=Main.HowToApply>
- **Richard C. Bartlett Environmental Education Award.** *January 15, 2010.* \$5,000 and a trip to Washington D.C. to be honored during National Environmental Education Week. For 5-12 grade teachers currently teaching with at least 5 years experience. Six brief essay questions, 3 letters of support (from an administrator, a fellow teacher, a student). <http://www.neefusa.org/bartlettaward.htm>
- **Toyota Tapestry Grants.** *January 18, 2010.* 50 large and 20 small grants totaling \$550,000. For K-12 science teachers for innovative projects that enhance science education in th school and/or district. <http://tapestry.nsta.org/>
- **Earth Expeditions Field Expeditions Application.** *January 28, 2010.* Open to educators from all disciplines and settings from preK-12 teachers, school administrators, university faculty, non-formal educators and naturalists, must have a bachelor's degree, internet access, be in good health and able to sustain moderate physical activity. Award is fully waived tuition at Miami University Ohio's field expeditions (7 graduate credit hours). Additional costs ar \$1150 + Airfare. <http://www.earthexpeditions.org/application/index-2010-field.php>
- **Lowe's Toolbox for Education.** *February 12, 2010* or whenever 1,500 applications have been received. \$5,000,000 distributed to 1000 schools. For schools or parents teacher groups to improve the facility, for landscaping or do a major cleanup for their school, and that involve parents and the community. Basic needs will take priority this year. <http://www.toolboxforeducation.com/>
- **Mantis Awards.** *March 1, 2010.* 25 mantis tiller/cultivators. Any nonprofit garden program that plans to actually use the tiller/cultivator. <http://www.kidsgardening.com/grants/mantis-criteria.asp>

Rolling or Multiple Deadlines

- **Anheuser Busch.** *Rolling Deadline.* 501 (c) (3) organizations in AB communities. \$15,000-\$1,000,000. Environmental conservation and education Audit and annual report required. <http://www.anheuser-busch.com/grantGuidelines.html>
- **Boeing.** *Rolling Deadline.* Schools and 501 (c) (3) organizations. \$5,000 - \$375,000. Programs that protect and conserve the natural environment - acquisition and restoration, protecting natural assets, restoring or improving habitat, training citizens to protect habitat. http://www.boeing.com/companyoffices/aboutus/community/np_seek_sup.html
- **Captain Planet: Deadlines 3/31; 6/30; 9/30; 12/31.** Schools and 501 (c) (3)s. Range \$250 to \$2500. Hands-on, environmental understanding, interaction and group cooperation, planning and problem solving, 6-18 years. Reporting requirements. <http://captainplanetfoundation.org/default.aspx?pid=3&tab=apply>
- **Donors Choose.** *No Deadline.* List your classroom needs and web surfers from all over the country (the world?) can make a donation. Check out the Missouri Teachers who have already posted for ideas at [Missouri Classrooms](http://MissouriClassrooms)
- **NEA Student Achievement Grants.** *Applications reviewed February 1, June 1, October 15.* Public school K-12 or College/University teachers or support staff. \$5,000Grants to improve the academic achievement of students in U.S. public schools and public higher education institutions in any subject area(s). The proposed work should engage students in critical thinking and problem solving that deepen their knowledge of standards-based subject matter. Grant funds may be used for resource materials, supplies, equipment, transportation, software, or scholars-in-residence Notification dates: for February 1 > April 15, for June 1 > September 15, for October 15 > January 15 http://neafoundation.org/programs/StudentAchievement_Guidelines.htm
- **NEA Learning and Leadership Grants.** *Applications reviewed February 1, June 1 and October 15.* Public school K-12 or College/University teachers or support staff. \$2,000 for individuals and \$5,000 for groups to fund participation by individuals in high-quality professional development experiences or summer institutes and to groups to fund collegial study, action research, or mentoring experiences. http://neafoundation.org/programs/Learning&Leadership_Guidelines.htm.

- **Toshiba America Foundation. Rolling Deadline.** Grades 7-12 Teachers. Under \$5,000. Inquiry based projects designed by teachers and teacher teams for use in the classroom. <http://www.toshiba.com/tafpub/jsp/home/default.jsp>
- **WalMart Community and Education Grants. Rolling Deadline,** but minimum 6 month lead time advised. 501 (c) (3) organizations, schools, religious organizations and government agencies. All requests for funding must be directed to the Good Works Coordinator at your local Wal-Mart store, SAM'S CLUB, Neighborhood Market or Distribution Center.

For other resources, visit EE Link - <http://eelink.net/grants-generalinformation.html> or Grant Wrangler <http://www.grantwrangler.com/index.html>

MEEA BOARD NEWS - Highlights from the October 18, 2009 Board Meeting

MEEA will be shifting from a cash accounting system to an accrual system so that we can track project expenses even when they show up in different years. MEEA currently has \$85,000 in unrestricted funds, so there is a big cushion. However, we slowly seem to be eating into funds so, as we have emphasized in previous years, we need to focus on fundraising. One large unexpected expense this year was the \$1000 in liability insurance we paid to insure the conference. This is something we will need to consider in planning future conferences. Annual operating costs, including Executive Manager (Jan Weaver), Bookkeeper (Jan Thompson), Insurance, Conference, appear to be \$7,000 to \$8,000.

Motions from Committee Work

1. The executive manager's responsibilities include receiving and distributing NAAEE Affiliate communications. **Motion passes.**
2. The current responsibilities of the Treasurer are replaced, effective 10/18/2009, by the following: The treasurer shall oversee the records of the books of account of the organization. The treasurer shall review and submit 4 quarterly financial reports and 1 end-of-year summary report of financial transactions to the Board. These reports shall be generated by the bookkeeper. The treasurer will oversee the financial responsibilities of the organization. The Treasurer shall make all financial records available for audit as directed by the Board. **Motion passes.**
3. MEEA will institute a Life Membership option at a rate of \$500.00, payable in either a single lump sum payment of \$500.00 or 4 quarterly payments of \$125.00. Funds shall be deposited into a separate protected account. Earnings to cover the costs of full membership may be transferred to the general operating funds to cover the costs of membership for current and future years. Motion to table: Mike. Motion to second: Jill. **Motion tabled.**
4. The 2010 conference will be held in July 2010. Collaborative partnerships with AMI and STOM will be formally offered. **Motion Passes.** (Professional development requirements for school districts will be included in conference planning.)

Calendar of EE Events

Regional (NW to SE) - more events at <http://www.meea.org/events.html>

Northwest (Cameron, St. Joseph, Maryville, Trenton)

- December 26 - Pinecone Decorations - Remington Nature Center of St. Joseph - <http://www.stjoenaturecenter.info/events.cfm>
- **2010**
- January 7-9 - Great Plains Vegetable Growers Conference - Fulkerson Center, Missouri Western State University, St. Joseph - <http://extension.missouri.edu/buchanan/GPVGC.shtml>
- January 12 - Master Naturalist Spring Training Orientation - Tuesdays 6 to 9 pm, February 16 thru May 16, plus 3 Saturday sessions, \$ tba MDC Office St. Joseph, contact Tom Fowler, fowlert@missouri.edu - <http://extension.missouri.edu/masternaturalist/>
- Missouri Department of Conservation Northwest Region events <http://mdc.mo.gov/areas/nwest/>

Northeast (Hannibal, Kirksville, Macon, Mexico, Moberly)

- January 30 and 31 - Eagle Days - Clarksville (Lock and Dam 24 & Apple Shed Theatre) - <http://www.mdc.mo.gov/areas/neast/>
- Missouri Department of Conservation Northeast Region events <http://mdc.mo.gov/areas/neast/>

Kansas City (Blue Springs, Excelsior Springs, Grandview, Gladstone, KC, Lee's Summit, Liberty, Sedalia, Warrensburg)

- December 26 & 27- Nature Movie Marathon: Stranger in the Woods, Planet Earth, Winged Migration, Lost in the Woods - Burr Oak Woods Nature Center - <http://mdc.mo.gov/areas/cnc/burroak/>
- December 29 & 30 - No Child Left Inside Winter Adventure - 9 to 12 or 12:30 to 3:30, dress for the outdoors - Burr Oak Woods Nature Center - <http://mdc.mo.gov/areas/cnc/burroak/>

2010

- January 3 - Day Hike, Lake Jacomo - Blue Springs - <http://missouri.sierraclub.org/thb/outings/index.html>
- January 9-10 - Eagle Show - 9:30, 10:30, 11:30, 12:30 am and 2:00 pm Saturday and 11:00 am, 12:30 and 2:00 pm Sunday, Paradise Pointe Golf Course, Smithville Lake - <http://www.nwk.usace.army.mil/sm/EagleDay.cfm>
- January 15 - Everything Under the Sun: Solar and Wind Power at the Energy Savings Store - Lenexa Kansas Free for Env Excellence Business Network members, \$20 non-members - <http://www.bridgingthegap.org/egap.php?id=181>
- January 23 - Level 2 Volunteer Water Quality Monitoring Workshop - 8:30 am to 5:00 pm, 2601 NE Barry Rd, Mape Woods Campus - must have completed Level 1 workshop and monitoring - http://mostreamteam.org/online_level2.htm
- February 2 - Winds of Change: Wind Energy Development Lunch and Learn - 11 am to 1 pm, Anita B. Gorman Conservation Center, KC - \$15 for Env Excellence Business Network, \$25 for non-members - <http://www.bridgingthegap.org/egap.php?id=181>
- Kansas City Zoo Calendar- [https://www.kansascityzoo.org/Event/Public.asp?IdS=00242A-6A69DD0&x=070|010&~="](https://www.kansascityzoo.org/Event/Public.asp?IdS=00242A-6A69DD0&x=070|010&~=)
- Anita B. Gorman Discovery Center Calendar - <http://www.mdc.mo.gov/areas/kcmetro/discovery/>
- Third Thursday Green Drinks - Every Third Thursday - <http://environment.meetup.com/270/>

Central (Columbia, Rocheport, Jefferson City, Marshall)

- January 1 - Rock Bridge Memorial State Park Hike (Friends of Rock Bridge MSP)- 2:00 pm, Wagon Wheel trailhead (at the end of Bearfield), moderately strenuous, some sections off trail
- January 10 - Hike at Rock Bridge State Park (Sierra Club) - Columbia, contact Greg Leonard 573-443-8263 or greg.leonard@missouri.sierraclub.org - <http://missouri.sierraclub.org/osage/>

- January 12 - Big Muddy Sessions: Wild Treasures- Missouri's Natural Areas - 7 pm, Bryant Cabin, Overton North Unit of Big Muddy NFWR - <http://www.riverrelief.org/>
- January 16 - Level 2 Volunteer Water Quality Monitoring Workshop - 8:30 am - 5:00 pm, Boone Electric Coop, 1413 Rangeline, Columbia - Must have completed Introductory and Level 1 Monitoring. Register by January 8. Contact Priscilla Stotts, 573-526-3406 or 800-781-1989 or visit <http://www.mostreamteam.org>
- January 20 - Sierra Club Presentation: Steve Tatlow will present on enhanced regional transportation issues - 7:30, Hillel Foundation 1107 University Ave, Columbia- <http://missouri.sierraclub.org/osage>
- January 26 - Treekeepers Session 1 - 6:00 pm - 8:30 pm, ARC 1701 W. Ash, Columbia, subsequent sessions January 28 6-8:30 and January 30 8 am to 1 pm- <http://www.gocolumbiamo.com/Volunteer/Opportunities/treekeepers.php>
- February 4 - Master Naturalist Spring Training Orientation - Thursdays 6 to 9 m March 4 thru May 27 with 3 Saturday field trips, MDC office, Camdenton, \$100 contact Jackie Rasmussen, rasmussenj@missouri.edu - <http://extension.missouri.edu/masternaturalist/>
- February 8 - Spring Master Naturalist Training Orientation - classes Mondays 6 to 9 pm, March 1 thru May 10, at the Boone Co Extension Ctr, Columbia with 3 Saturday field trips \$75, contact Kent Shannon, shannond@missouri.edu - <http://extension.missouri.edu/masternaturalist/>
- Missouri Department of Conservation Central Region Calendar- <http://mdc.mo.gov/areas/central/>
- Runge Conservation Nature Center Calendar - <http://www.mdc.mo.gov/areas/cnc/runge/>

St. Louis (St. Louis, St. Louis Co Cities, Sullivan, Washington)

- December 26 - Night Hike (families) - 6 to 9 pm August A. Busch Conservation Area - <http://www.mdc.mo.gov/areas/cnc/busch/>
- December 31 - New Year's Eve Night Hike (all ages) - 6:30 to 8:30 pm Columbia Bottom Conservation Area - <http://www.mdc.mo.gov/areas/areas/bottom/>

2010

- January 7 - Winter Adaptations (7 and up) - 10 to 11:30 am Powder Valley Conservation Nature Center - <http://www.mdc.mo.gov/areas/cnc/powder/>
- January 9 - Dresser Island Hike - 9 am to 3 pm, near West Alton in St. Charles Co. - <http://www.mdc.mo.gov/areas/cnc/busch/>
- January 13 - Cashing in on Home Comfort - Earthways - www.mobot.org/iebms/coe/coe_p1_all.aspx?&oc=10&cc=educlasses#SUSTAINABILITY
- January 14 - Small Scale Renewables - Earthways - www.mobot.org/iebms/coe/coe_p1_all.aspx?&oc=10&cc=educlasses#SUSTAINABILITY
- January 14 - Native Small Flowering Trees and Shrubs Part 1 - 1:00 - 4:00 pm, Shaw Nature Reserve, Gray Summit - <http://www.shawnature.org/nativeland/NativePlantSchoolHomeownerSeries.aspx>
- January 16 and 17 - Eagle Days at Columbia Bottom Confluence - 10 am to 3 pm - <http://www.mdc.mo.gov/areas/areas/bottom/>
- January 21 - Big River screening - 7 pm, Tivoli Theatre, 6350 Delmar, rom the guys who brought you King Corn, a movie about the downriver impacts of agriculture - <http://www.moenviro.org/>
- January 23 - Trees in Winter (15 and up) - 1:30 - 3:30 pm Powder Valley Conservation Nature Center - <http://www.mdc.mo.gov/areas/cnc/powder/>
- January 23 - Discover Nature Women: columbia Bottom Camp-In (9-12 years with adult) - Sat 5 pm to Sun 10:30 am Columbia Bottom Conservation Area - <http://www.mdc.mo.gov/areas/areas/bottom/>
- January 26 - Race for Survival: Cheetahs in Peril- St. Louis Zoo - <http://www.stlzoo.org/education/programsforindividualsfami/fallprogramsforadults/>
- January 26 - Eating Lower on the Food Chain: A Study in Culinary and Environmental Choices (adult class) - 6 to 8:30 Earthways Center 3617 Grandel Square St. Louis - <http://www.earthwayscenter.org/calendar.html#november>
- January 29 - An Evening with Raptors - 7 to 9 pm Powder Valley Conservation Nature Center - <http://www.mdc.mo.gov/areas/cnc/powder/>
- *February and Beyond Events on the MEEA website www.meea.org*
- Columbia Bottom Conservation Area Calendar - <http://www.mdc.mo.gov/areas/areas/bottom/>
- Missouri Botanical Garden - Class Schedule - https://www.mobot.org/iebms/coe/coe_p1_all.aspx?&oc=10&cc=educlasses&rankid=E
- Powder Valley Conservation Center Calendar - <http://www.mdc.mo.gov/areas/cnc/powder/>
- St. Louis Zoo Calendar - <http://www.stlzoo.org/events/calendarofevents/>
- Third Tuesdays - St. Louis Green Drink, 6:30 - 9 pm, Schlafly Bottleworks, 7260 Southwes Ave (at Manchester) - <http://www.stlgreendrinks.org/>

Southwest (Bolivar, Branson, Carthage, Joplin, Lebanon, Marshfield, Monett, Nixa, Ozark, Springfield)

- December 27 - Animal Bingo or Nature Challenge- Springfield Conservation Center <http://www.mdc.mo.gov/areas/cnc/springfd/>
- December 29 - Snakes of Missouri (5 to adult) - 1-1:45 pm Springfield Conservation Center <http://www.mdc.mo.gov/areas/cnc/springfd/>
- December 29 or 30 - Toddler Tales - Springfield Conservation Center <http://www.mdc.mo.gov/areas/cnc/springfd/>
- December 30 - Winter Bird Walk and Discovery Table Winter Birds- 11 am to noon and 1 to 3 pm Springfield Conservation Center <http://www.mdc.mo.gov/areas/cnc/springfd/>
- December 31 - Missouri Mammals- 11 am to 11:45 am Springfield Conservation Center <http://www.mdc.mo.gov/areas/cnc/springfd/>
- December 31 - Nature Challenge - 1 to 2 pm Springfield Conservation Center <http://www.mdc.mo.gov/areas/cnc/springfd/>

2010

- January 2 -Discover Nature Families: Bird Feeding - 10 am to noon and 1 to 3 pm Springfield Conservation Center <http://www.mdc.mo.gov/areas/cnc/springfd/>
- January 9 - Cold Weather Canoeing Clinic - James River Water Trail, Springfield Parks - <http://www.parkboard.org/info/outdoor/index.htm>
- January 7 - White River Group Sierra Club - 6:30 refreshments, 7:00 program:Photographing the Natural World of the Ozarks, Springfield Conservation Nature Center - <http://missouri.sierraclub.org/wrg/index.html>
- January 16 - Prairie Winter Hike - 10 to 11 am Prairie State Park, Mindenmines - <http://www.mostateparks.com/prairie.htm>
- January 25 - Master Naturalist Spring Training Orientation - Mondays 6 to 9 pm February 15 through May 3, Walter Woods Conservation Area, Joplin, contact Ed Browning, browningc@missouri.edu - <http://extension.missouri.edu/masternaturalist/>
- Springfield Conservation Nature Center Calendar - <http://www.mdc.mo.gov/areas/cnc/springfd/>
- Wildcat Glades Nature Center, Joplin Calendar - <http://wildcatglades.audubon.org/upcomingevents.html>

Ozark (Cabool, Huston, Mountain Grove, Rolla, Saint James, Salem, Waynesville, West Plains, Willow Springs, Winona)

- February 5 - Bald Eagle Viewing Day - 9 am Montauk State Park - <http://www.mostateparks.com/montauk.htm>
- February 20 - Bald Eagle Viewing Day - 3:30 pm - <http://www.mostateparks.com/montauk.htm>
- April 30 - May 2 - Adventure Getaway - Trout Lodge, YMCA Ozarks, 7 climbing skills -<http://www.ymcaoftheozarks.org/node/1117>
- June, 2nd Weekend - Ozark Heritage Days - Big Spring - currently seeking volunteers to present traditional crafts, call Bryan Culpepper at 573-323-8822 - <http://www.nps.gov/ozar/planyourvisit/special-events.htm>

Southeast (Cape Girardeau, Farmington, Poplar Bluff, Sikeston)

- December 29-30 - Cabin Fever Days- Discovery Station Swamps - 10 am to 2 pm, both days, focus on the swamps of southeast Missouri, Cape Girardeau Conservation Nature Center - <http://www.mdc.mo.gov/areas/cnc/cape/>

2010

- January 8 and 9 - Birds of Prey - 7 to 8 pm Friday and 2 to 3 pm Saturday, live raptors from Delta Rivers Nature Center in Arkansas Cape Girardeau Conservation Nature Center - <http://www.mdc.mo.gov/areas/cnc/cape/>
- January 9 - Discover Hunting, Introduction to Falconry - 8 am to noon Cape Girardeau Conservation Nature Center - <http://www.mdc.mo.gov/areas/cnc/cape/>
- January 14 - Conservation Cafe with Dr. Frank Nickell - 6:30 to 8 pm, a journey through the history of the region - Cape Girardeau Conservation Nature Center - <http://www.mdc.mo.gov/areas/cnc/cape/>
- January 19 - Our American Bald Eagle - 6:30 to 8 pm, visit with "Professor" an ambassador eagle and his rehabilitator John Watkins - Cape Girardeau Conservation Nature Center - <http://www.mdc.mo.gov/areas/cnc/cape/>
- January 23 - Wetlands and Waterfowl - 9 am to 3 pm, join the Swam Candle Birders looking for waterfowl in the area's managed wetlands, Cape Girardeau Conservation Nature Center - <http://www.mdc.mo.gov/areas/cnc/cape/>
- January 30 - Conservation Trails - Mina Sauk Trail - 8:30 am to 4:30 pm, hike a rugged trail to Mina Sauk Falls, Cape Girardeau Conservation Nature Center - <http://www.mdc.mo.gov/areas/cnc/cape/>
- Cape Girardeau Conservation Nature Center Calendar - <http://www.mdc.mo.gov/areas/cnc/cape/>

Statewide

- January 6 - Early Bird Registration for Missouri Natural Resources Conference on Feb 3-5 - <http://www.mnrc.org>
- January 20 - Missouri Parks and Recreation Legislative Action Day - Jefferson City - <http://www.mopark.org/>
- January 29-30 - Landscape Design with Missouri in Mind - 8 am to 4 pm both days, for Professionals on Friday, Enthusiasts on Saturday, 500 Forum Drive, Rolla - <http://www.grownative.org/about/events.asp?sr=1&id=103>
- January 29-30 - KState Sustainability Conference - KANSAS - <http://sustainability.k-state.edu/conferences/2010/>
- February 3 - Conservation Lobby Day - Jefferson City - <http://www.moenviron.org/Lobbyday.aspx>
- February 3-5 - Missouri Natural Resources Conference - Tan-Tar-A Resort, Osage Beach. Theme: Purposeful Risk Taking: Making Decisions in Dynamic Times. <http://www.mnrc.org/>
- February 5-6 - Missouri Organic Association Conference - UMC Bradford Farm Conference Center, Columbia - <http://www.grownative.org/about/events.asp?sr=1&id=112>
- February 22-25 - National Association for Interpretation Region 6 2010 Conference - St. Louis - <http://www.naeregions.org/6/>
- February 26, 27 - Landscape Design with Missouri in Mind - 8 am to 4 pm both days, for Professionals on Friday, Enthusiasts on Saturday, University of Central MO, Warrensburg - <http://www.grownative.org/about/events.asp?sr=1&id=104>
- March 2-5 Missouri Parks and Recreation Association Conference - Tan-Tar-A Resort, Osage Beach - <http://mopark.org/displaycommon.cfm?an=1&subarticlenbr=111>

National

- January 5 - National Bird Day - <http://www.nationalbirdday.com/>
- January 22 - March 14 - Climate Discovery Courses - Offered by the National Center for Atmospheric Research (NCAR) a series of six and seven week online courses for middle and high school teachers that combine geoscience content, information about current climate research, easy to implement hands-on activities and group discussion CD 501 Intro to Earth's Climate, CD 502 Earth System Science: A Climate Change Perspective, CD 503 Understanding Climate Change Today - <http://ecourses.ncar.ucar.edu/>
- February 1 - Call for Presentations for NAAEE 2010 Conference September 29 in Buffalo - Nine strands compliment the conference theme, "Building Connections - Bridging Gaps," and include: Arts, Culture, and Spirituality Conservation Education Innovative Programs and Practices Network and Leadership Development Place-based Education Socio-ecological Justice and Community Engagement Teaching and Learning Sustainability Energy Education and Green Technology Urban and Rural Interface- <http://www.naaee.org/conference/call-for-presentations>
- July 31 - August 7 - Canon 2010 Envirothon - Merced California http://www.envirothon.org/index.php?option=com_content&task=view&id=81&Itemid=34
- September 29 - October 2 - NAAEE 2010 Conference - Buffalo NY

EE Jobs in the Missouri Area (descriptions are edited to conserve space!)

Kansas City Active Transportation Coordinator: Appl due December 21, 2009. The Missouri Foundation for Bicycling and Walking is seeking a program manager to run three new programs: * Statewide Safe Routes to School Promotion * Car-Free Commuter Options * Bicycle Education Successful applicants will have to be able to work successfully with minimal supervision, to create and run these programs. Applicants must have personal experience with and a passion for active transportation. We prefer to hire one full-time individual for all three programs, but will also consider part-time hires for specific programs. Existing grants fund these programs for the initial 18-24 months; part of the program manager's responsibility will be to help the organization develop sources of funding to continue these or similar programs, so that this position can be continued beyond this initial funding. Visit <http://mobikefed.org/2009/12/job-posting-active-transportation.php> for a complete description.

Missouri Votes Conservation Program Director: Appl due January 4, 2010. The Program Director will work with the Executive Director and Political Director to coordinate fundraising, legislative advocacy, political work and communications. S/he will implement the main programs of MVC and MVCEF; support the organizations's fundraising efforts and events; manage member and donor databases, lists and communications, including website and email advocacy; support grassroots outreach efforts; recruit and manage volunteers and interns; and perform administrative support. Visit <http://www.movotesconservation.org/> for a complete description.

Renew Missouri Clean Energy Coordinator: Start January 11. The Missouri Coalition for the Environment seeks a full-time Renew Missouri Clean Energy Coordinator to work out of our Columbia office. The Clean Energy Coordinator is a full-time position. The position will be based in Columbia, Missouri. The salary range is \$28,000-\$32,000 depending on qualifications and experience. The Coalition offers a flexible work environment with health benefits. The ideal candidate would be available to start by January 11th. To Apply: Please submit a cover letter, a writing sample, contact information for three references, and a resume to enoble@moenviron.org with the subject heading: Renew Missouri Clean Energy Coordinator. We are hoping to fill this position in the next 45 days, so please circulate the job posting (below and attached) widely. Feel free to contact us with questions.

meea Membership Application

New or Renewing Member of NAAEE? Y N

Professional \$15 School \$50

Student/Retiree \$7.50 Organization \$100

Name _____

Affiliation _____

Street/P.O. Box _____

City _____ County _____

State _____ Zip _____

Email _____

Phone (h / w) _____

Date _____

Please include a check or money order made payable to MEEA and return to MEEA P.O. Box 104505 Jefferson City MO 65110-4505



P.O. Box 104505
Jefferson City MO 65110-4505

MEEA Vision

An environmentally
responsible citizenry in
Missouri

MEEA Mission

Advance environmental
education in Missouri by
providing innovative
professional development and
networking opportunities for
those who share our mission

MEEA Value

Connecting people, ideas and
resources throughout Missouri

Our Organizational Members

- ◆ AbitibiBowater St. Louis
- ◆ AbitibiBowater Kansas City
- ◆ Choose Environmental Excellence
- ◆ Earth Share of Missouri
- ◆ Maryville University
- ◆ Missouri Department of Conservation
- ◆ Missouri Department of Natural Resources
- ◆ University of Missouri Environmental Studies
- ◆ *Watershed Committee of the Ozarks*

Thank you for your support!

Winter 2009/2010 Contents

- 1 President's View
- 2 MO EE News, MEEA 2009 Awardees, MEEA's New Board, Dave Murphy of CFM Recognized by Outdoor Life, Sustain Mizzou Featured in RMI Publication, MO Receives \$11 Million in Energy Efficiency Funds, MO Parks Association Seeks Funds for Parks
- 3 Professional Development
- 4 Grants & Awards
- 5 MEEA Board News
- 5 Events Calendar
- 7 Jobs : KC Active Transportation Coordinator, Missouri Votes Conservation Program Director, Renew Missouri Clean Energy Coordinator