



100 Valleys

A Quarterly Publication for the Supporters of Umpqua Watersheds, Inc

An Oregon 501(c)(3) Non-Profit

Winter 2014 | Issue 63

Collaboration for Restoration

Umpqua Watersheds is a cooperating partner of restoration projects on public and private lands. Restoration projects require multiple parties to achieve the monumental tasks associated bringing back the complexity and beauty of our landscapes. Apart from scientific observation and input, we also monitor projects and seek to add our perspective to the picture of achievable restoration goals. We look for innovative ideas that will enhance and move forward the vision Umpqua Watershed members have for a healthy environment bursting with life.

These tasks are done through our extended long term involvement with State and Federal agencies and regional stakeholder organizations. Our seat at the table of the collaborative, facilitated by the South Umpqua Rural Community Partnership (surcp.org) located in South Douglas County, is another exciting venue that is accomplishing great things.

The head waters of the South Fork of the Umpqua River are mainly the responsibility of the USFS Umpqua National Forest, Tiller Ranger District. The Forest Service has partnered with the SURCP collaborative to participate in aquatic habitat restoration and landscape-scale forest habitat rehabilitation projects. For several years we have been seeking to work with the USFS and regional communities to come up with real solutions to the critical ecological issues confronting our forest catchments. This effort has proven to be a wonderful opportunity to bridge communication gaps between stakeholders and to carefully scrutinize projects as they develop. The results to date have often opened a way for us as a community to move forward in a positive and constructive manner.

In light of all this we would like to highlight an achievement of the USFS Tiller District in its aquatic habitat restoration efforts. It will give you an idea of the scale of the projects we hope to participate in, and certainly reveal our excitement about the prospects for the future.

This November, under the development and direction of Bob Nichols, the Tiller District Fisheries Biologist, a large team of Forest Service staff implemented 12 miles of stream habitat

restoration in the Upper South Umpqua. In five days, **2235 tons** of large wood were placed by a Boeing 234 helicopter into Squaw, Ralph, Black Canyon, Buckeye, Tallow, Zinc and Jackson Creeks. *Look at that number again.* Close to 4.5 million pounds in the form of 704 logs were added back to critical salmon habitat.

Oregon Coast Coho (an endangered species listed fish), steelhead and cutthroat trout will benefit by having these critical reaches of our river system stabilized and keyed to a much higher level of natural function. A host of insects, fish and animals will once again be able to interact with the riparian areas of this system as they did for ages prior to the extensive habitat degradation we inflicted upon these watersheds through the low forest management standards of the Oregon Forest Practices Act. Beavers will once again have anchor points in these stream systems with which to build their dams and recharge our headwaters aquifers.

This is a monumental accomplishment little recognized by our community at large. With the many personnel on the ground as large cumbersome trees (many with heavy root wads attached) are picked up and safely transported via air to their specifically designed placement, it is a testament to the professionalism of Tiller's team that they have extended their restoration project safety record to thirteen accident-free years!



Boeing 234 Chinook Helicopter Hauling Large Wood

Our Mission:

Dedicated to the protection and restoration of the ecosystems of the Umpqua Watershed and beyond through education, training and advocacy.



Stream reach prior to wood placement.



Same reach with large wood added.

We consider this type of work one of the most valuable investments a society can make. It is proactive and builds good will all the way around when it is done in a truly collaborative way. Special acknowledgement goes to Donna Owens, the District Ranger in this regard. We're looking forward to seeing more projects of this scale done with our partners in the future.

Our agency partners "catch flack" from multiple directions as they fulfill their mission mandates. When they partner with stakeholders and accomplish great things we need to give them a solid pat on the back and a well earned "well done". It's one of the rewards we all get to be a part of when hashing out the hard work of Collaborative Restoration.

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Petitioner Point of View By Stacey McLaughlin



If you have followed the bouncing ball of legal proceedings between Williams Pacific Connector Gas Pipeline and a small group of concerned citizens, you will know the referee has never

ruled for the petitioner's team. The Douglas County Planning Department supported the request for exporting natural gas to Asia; the Planning Commission supported the Planning Department recommendation, the Board of Commissioners supported the Planning Commission approval and the Land Use Board of Appeals supported the attorney for the Williams Company.

We have no doubt, mind you, that if any of the decision-makers had actually read the record or really examined the laws in question, they would see what we see, a flawed process going back as far as December of 2009. The problem with this scenario is clear, at least to me, someone who spent more than 25 years in local government. Public officials simply cannot admit when they are wrong or scared.

In the case of the Pacific Connector Gas Pipeline the looming threat of lawsuits by the Williams Company is a far bigger risk than a small group of concerned citizens. We know the system is rigged against the individual in favor of the corporation and the County government knows it and falls victim to it. They are scared of the big dog and in this case that title belongs to the Williams Company and Veresen, Inc., mega-corporations who's combined worth measures in the billions of dollars.

Justice these days seems to belong to those who have the biggest checkbook, a sad commentary on the state of our democracy. Some affected landowners are resigned to losing their property so a foreign corporation can profit at their expense. However, never, ever doubt a small group of optimistic petitioners might indeed prevail. We cannot afford to succumb to cynicism, the greatest enemy of our time, because our very homes and our planet are at stake. So, onward to the State Court of Appeals, where maybe, just maybe justice does not belong to the highest bidder.

Staff

Anne Dorsey	Alan Bunce...Office Manager
Kasey Hovik	Roland Wang..AmeriCorps VISTA
	Katrina Keleher...AmeriCorps

From the President,

The year 1995 may not seem like a long time ago to some folks. Perhaps some echoes of those days can still be heard in the distance. It was the year when OJ Simpson was on television daily, the Dow Jones first crested 5,000 points, and that summer was marked with the last performance of the Grateful Dead. It was the golden age for devices like the pager and the fax machine. Some people were only beginning to make friends in high school and others were using bull horns to rally their peers in front of ranger district offices. It was also in 1995 when this organization first took its infant steps. I am proud to say we are still here in the Timber Capital of the Nation, with a rich history of two decades where we proudly walked tall to champion causes such as preparing for climate change, safeguarding salmon, and protecting the pillars of old growth in the watershed.

In 2015 I would like to ask the membership of this great organization to step forward and help celebrate the last twenty years. I know many great stories need to be recorded for the history books and we will need assistance to properly celebrate. Also I recognize this is a great chance for the inclusion of many voices to speak about the story to be told for the next twenty years. So please reach out to us and let us know how we can bring your energy into the mainstream of our organization.

This next year will definitely be one to define a direction for the watershed for decades to come. Many issues are destined to evolve, and perhaps grow legs, like the Crater Lake Wilderness proposal, the O&C Lands Act revision, and many more. Please find a way to help your community by donating or volunteering with Umpqua Watersheds. Be a part of our history and vision for the future.

Happy Holidays,

Thomas McGregor

President, Umpqua Watersheds Inc.



This could be your last newsletter!

Unless you are receiving this newsletter as a complimentary copy, you may not receive the next one unless you renew your membership. Don't miss out and support Umpqua Watersheds!

AmeriCorps Voice

By Katina Keleher



Over 2 months have passed since I moved to Oregon and began my term of service for AmeriCorps, and it has been a joy to become a part of the Umpqua Watersheds sphere.

UW has welcomed me with warmth, wisdom, and stories and it is genuinely inspiring to be around such motivated and passionate individuals on a regular basis.

In mid-October, Roland and I took a group of 90 5th grade students from McGovern elementary in Winston on a day-long field trip to Crater Lake. The trip, funded by a grant to UW in May from the Gray Family Foundation, was part of a larger "Watershed Tour" across the Umpqua Basin during the 2014-2015 academic year. The tour will teach the students about their local watershed and will instill a deeper appreciation and understanding of their relationship to their environment. The tour consists of 3 field trips: October's Crater Lake trip, a winter trip to the Winston-Green Wastewater Treatment Plant, and a springtime coastal trip to the Reedsport Discovery Center.

The Watershed Tour is one component of UW's greater Winston Area Science Program (WASP), which strives to provide Winston K-12 students with a continuous exposure of after-school science activities. Roland and I have worked together to refine and add new lesson plans to the Science Friday Curriculum, also an element of WASP, which will be starting in January at McGovern Elementary. The program will encompass a range of environmental science topics, including tree and stream organism identification, water physics and chemistry, watershed development, compass and GPS navigation, meteorology, and more.

A larger personal goal of mine for my time spent at UW is to minimize the gap of disconnect between Douglas County youth and the Umpqua ecosystem. It's appalling that, before October's field trip, the majority of McGovern's 5th grade students had never been to Crater Lake despite living a couple of hours from it. To be a true environmental steward, one needs to understand and appreciate their environment they want to protect. Part of my role at UW is to help our youth understand the complexities, simplicities, and extraordinary features within this natural world in which we all live. It's easy to want to protect the wilderness when you understand both its vulnerability and its grandeur.



5th Annual Umpqua Brew Fest

On Saturday, October 18th Umpqua Watersheds hosted Umpqua Brew Fest V. Once again, it was a spectacular success as almost 2,000 people converged on Douglas Hall at the fairgrounds to enjoy a delightful afternoon and evening sampling beer, listening to music and perusing the displays of our sponsors and vendors.

Code Blue, Virgil Robinson, Party of Five and Hill Stomp did an outstanding job entertaining the crowd. The Iron Chef Competition featuring Umpqua Community College Culinary Program students and mentors raised over \$1,000 to support UW education initiatives. Many thanks to Chris Van Dyke, Steve Cripe and Crew for making it happen.

We are proud to announce (and very grateful) that all of the expenses of hosting the event were paid for by our financial sponsors including:

- ◆ First Call Resolution
- ◆ Lithia Motors, Inc.
- ◆ The Arneson Group

- ◆ TKD Law Group
- ◆ Addcox Heating Center
- ◆ Umpqua Aqua
- ◆ Newcastle Solar

We also want recognize to our non-financial sponsors including; Brooke Communications, KPIC, Douglas County News, Umpqua Community College Culinary Arts, Seven 13 Studios, Holiday Inn Express, Motel 6, Windmill Inn of Roseburg, Silke Communications, Jefferson Public Radio, and Good Vibrations.

Over 100 volunteer servers served over 500 gallons of beer from 35 vendors. Thanks to each of our volunteers! And finally, Brew Fest V could not have happened without the many hours of work from the planning committee to put everything together for the event, publicizing the event; soliciting sponsors, donors, and vendors; negotiating contracts, “begging” kegs; recruiting, training, and supervising volunteers; updating the website and setting up and cleaning up afterwards. Cheers to Alan Bunce, Ken Carloni, Katrina Keleher, Kasey Hovik, Janice Reid, Max Smith and Roland Wang for organizing and putting on this great community event!



Why We Need Wild Places

We all came from wild places!

All of our cities, towns, and villages are carved out of wilderness. Wild places are special lands that have not been altered by humans, especially by chain saws and bulldozers. Some of these wild areas are protected by an Act of Congress while some are not. Those not protected are referred to as Roadless (or Backcountry) Areas. These Roadless areas, which represent the last remnants of Wilderness, are the last of the wild places in U.S.A.



Wilderness and wild place are living museum wild places are a foundation of life and spirituality for most churches We need wild places for health Wild places shine of freedom because they are untamed lands.

Wild Places have historically played a key influence for the artists of the world: poets, painters, musicians, architects, and American literature.

John Muir wrote about the adverse effects of city life on the human spirit.

Bob Marshall-The greatest values of wilderness were 'mental'

The Earth is a wild planet spinning through the sky at 20,000 miles per hour.

Oregon and the Umpqua have wild places still remaining. Please remember to discover a special wild space near you!



We need wild places!

Wildlands are the blue print of the origins of life Wild forests are a life force: always, changing, living, dying and rebirth Representing historical and cultural values, linking us to the past Evolving Gene pool that is the source of biological diversity

Providing habitat for wildlife and clean cold water for our fisheries

If you are interested in wilderness and the Crater Lake Wilderness Proposal --- contact UW. Wild on Wilderness committee

Bob Hoehne

Restoration Committee

"Protect the Best, Restore the Rest"



In previous newsletter articles, we have gone to great lengths in our discussions related to "restoration" to define what we mean when we say that our goal is to "restore the rest". As a society we have already come to an understanding that restoration does not equate to taking us and our environment back to the stone age. True, we would do well to maintain as much wilderness habitat as possible on our landscape. These are strongholds of clean air, water and abundant wildlife. Said simply, for us restoration consists of defining what the highest level of healthy ecological function a given project area or watershed can achieve at any point in time and making that our goal.

There are certainly an unending number of factors that play into what a project's goals and end result will be. One of the most significant elements that effects a restoration effort is social license. What is the community at large willing to do? It just so happens that the geographical areas of our watersheds that could support the greatest amount of biological diversity and complexity are the same areas that are best suited for human development. We like flat lands with rich soils along rivers and streams that historically were populated with a plethora of insects, animals, fish and vegetation. When it comes to urbanization of the environment, we do a fantastic job of taking the center of valleys or the flat stretches along the riparian zone to build our houses, farm lands and roads.



Anyone even remotely aware of natural processes recognizes that these areas are known as the "floodplain" for good reason. The living elements and geophysical dynamics that created and or enhanced such environments are often the very key components most directly impacted by human domestication. We expend a great amount of energy in many different ways seeking to minimize the very forces that built the rich floodplains to start with. Bucking nature on this scale is tragic. Part of the cost is ecological in nature. Fish runs and animals species suffer great setbacks because of our blind interference. To take advantage of nature's treasures in an attempt to make life easy and less expensive in the short term inevitably will cost us and future generations more in the long term.

This is where restoration ecology can play an important role. Through growing our understanding and educating our neighbors we can gain the social license that we need to successfully hurdle the cultural barriers and gain back some of the natural functions we so blindly have run roughshod over as a civilization. Turning the tide of how things are done or promoting what should be done is a tough job - but it can be done.

A large scale example is the upper Rogue River dam that was to be built on Elk Creek in that river basin. Eleven million dollars were spent to put in a dam that was almost half completed before it was realized that there would be detrimental cumulative effects on fish, water, animals and humans downstream. It was very expensive to undo what had already been done, but foresight saved the day.

Many of you already know and understand these issues. What we do not fully understand is that if we are going to succeed in bringing back nature's life support systems through restoration work, we cannot simply rely on litigation, acts of congress and

the largess of institutions to accomplish what must be done. The entire process has become a hot button issue. Some entities have taken advantage of the situation and have co-opted the crisis and turned restoration into a money making gig. (Better that than nothing at all, I suppose.) Others are adamantly in opposition to the idea of restoration for political reasons and work diligently to stand in its way at every turn.

Because there is little incentive to restore private lands, many individuals and organizations have focused on public lands for implementing restoration projects. It is what is called the "low hanging fruit" when it comes to targeting these efforts. There are fewer obstacles all the way around when operating in the deep woods and stream systems. It won't be long before such opportunities will have been spent. Even the remote reaches of our watersheds have their limitations when it comes to targeting prime restoration project potential.

What about the not so low hanging fruit on private lands where the best low gradient stream reaches are nestled on the landscape? Clearly the task at hand will require a monumental change in thinking on a public level. True, there is a significant difference in the way most of our society looks at environmental regulations on private lands compared to "Love Canal" days.

In spite of the fact that industrial forest owners murmur a lot about the restrictions the government puts on their activities, the fact remains that cancer and polluted water and air are on the rise, and our neighbors know it.

So talk to your neighbors and find out what they do know. Learn and teach what you can. Help pave the way for the cooperative restoration work to be done. Where you live. That's where it counts. Help us put the shoulder to the wheel and get this cart going at the pace it should. We tend to be cliquish and tribal about our associations. It's natural. But for success to occur in our effort to raise the level of ecological function where we live, those barriers are going to have to be breeched. There is a surprising amount of common ground that can be found around a genuine attempt to fix what we've broken.

We seek a vibrant resilient place to live. It begins with you. If you are concerned and wish to address a larger scale of these issues on a community level, please come join our restoration committee. We meet monthly and want to open and expand the dialog.

I was very impressed with a recent video released by the State of Oregon that really encapsulates some of the ideas of this article. It can be seen here:

<http://youtu.be/RIqnDf-fKJs> .

Get Involved! Join a Committee.

Education Committee Meetings

When: 2nd Tuesday of Every Month, 6:30pm

Where: Umpqua Watersheds Office, Downtown Roseburg

Contact: Ken Carloni - ken.carloni@gmail.com

Restoration Committee Meetings

When: 3rd Tuesday of Every Month, 5:00pm

Where: McMenamin's Roseburg Station Pub

Contact: Stan Petrowski - Stanley@surcp.org

Outreach Committee Meetings

When: Last Wednesday of Every Month, 5:00pm

Where: Umpqua Watersheds Office, Downtown Roseburg

Contact: Kasey Hovik - kasey@umpqua-watersheds.org

Wild On Wilderness Committee Meetings

When: Last Wednesday of Every Month, 6:00pm

Where: Umpqua Watersheds Office, Downtown Roseburg

Contact: Bob Hoehne - oho937@hotmail.com

The State of the Beaver 2015 Conference

February 18th, 19th and 20th 2015

STATE OF THE BEAVER



2015

BEAVERS REVIVE WATERSHEDS

Restoring the Keystone for Watershed Ecology Health

If you are interested in seeing how beaver ecology restoration is being done on a larger scale in other parts of the world and at home, please consider attending the Umpqua Watersheds' collaborative partners' workshop in Canyonville, Oregon. Information is available here: <http://www.surcp.org/beavers/conference.html>

Stanley Petrowski

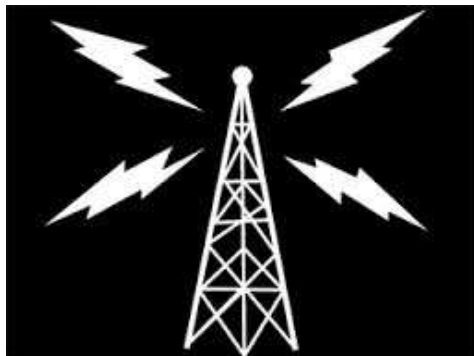
Umpqua Watersheds

Vice President

Join Radio Free Roseburg!

Tired of listening to hearing Rush Limbaugh and his like minded compatriots dominate the local airwaves? Some day soon you can tune into 93.3 and hear a better version of reality!

Umpqua Watersheds has obtained a license from the FCC for a low watt radio station (100,00 watts). We have a LOT of work to do if we want to create a progressive, conservation minded voice in our community. We are creating an exploratory committee to explore what we need to do to move forward. Contact our office 541-672-7065 and let us know if you would like to participate!



"My name's Alex Loznak, and I'm a senior at Roseburg High School. This September, I started the Umpqua Watersheds Youth Committee, also known as the League of Umpqua Climate Youth (LUCY). The purpose of the group is to get young people working to fix environmental problems like global warming at the local level, and our mission statement reads as follows: 'LUCY seeks to raise awareness of the climate crisis while demonstrating that clean energy and climate solutions can work for the Umpqua Valley.' The group's biggest effort right now is Project SOS: Solarize Our Schools!, an initiative to get every school in Douglas County go solar. Project SOS is off to a running start, as we have already engaged in dialogues with two local schools. We're very excited to be working with Umpqua Watersheds, and we're open to any suggestions for projects. Additionally, if you know any young people who'd be interested in the group, send them our way! To get in touch with us, email me at alexloznak@gmail.com or find the group on Facebook at facebook.com/climateyouth." -Alex

VISTA Voice

By Roland Wang

"And so, my fellow Americans: ask not what your country can do for you—ask what you can do for your country."

President John F. Kennedy, Inaugural Address
(delivered January 20, 1961)

During my two years here with UW as the Educational Program Developer through the UCAN AmeriCorps, I have been asked why I joined AmeriCorps, particularly the VISTA (Volunteers in Service To America) program where members live at the poverty level. I didn't have an elaborate answer: because I wanted to share with others the experiences and knowledge I have gained, and continue to gain, during my (evolving) lifetime.

Yet, my answer still surprises me to this day. Community service never ran deep in my family. While living in Hong Kong, I was encouraged by my parents to participate in service events organized by my secondary school teachers or classmates; the motivation never stemmed from my own. During college in Cornell, I was more active but was never drawn into the volunteering culture that seemed to pervade the campus.

But I feel that all those experiences kindled a subconscious interest in volunteerism that later ignited a passion to serve, particularly towards the end of my graduate studies at University of Wisconsin-Madison. I don't think there was ever a

particular moment when I wanted to serve—simply an emotional "calling" akin to a religious epiphany.

It was during this time I was seeking volunteering programs such as the Peace Corps and AmeriCorps. I felt that such national service programs would instill a stronger sense of patriotism that was never cultured into me. Growing up as an American expat in Hong Kong created a feeling of ambivalence as to "where I am from"—I am an American on paper but not one in heart. It was also during this time that President Kennedy's inaugural speech occurred to me as to what I can do for my country.

While I didn't feel ready for the Peace Corp—two years abroad in generally remote areas was rather intimidating—the AmeriCorps program (or as I've occasionally described it: "the domestic equivalent to Peace Corps") offered similar experiences as the Peace Corps for a shorter duration. Moving to Roseburg still presented a culture shock but I am fortunate to have been welcomed into a close-knit family that is UW, which has not only supported my programmatic efforts



throughout my two VISTA terms but has also provided me with the moral and emotional guidance I needed to "survive" Roseburg.

It will be difficult for me to part with UW. Roseburg has certainly grown on me—the slower pace of the area situated in the surrounding wilderness is very relaxing. As I prepare for my transition to Houston, TX to teach high school science for two years through Teach For America starting next June, I will fondly remember my time with UW and the lifelong friendships I have made. The AmeriCorps program has established a precedence for my career and personal goals: one of public service to my country.

WANTED: NATURAL RESOURCES STUDENTS FOR NEW UCC PROGRAM

(Must have an earnest desire to save the world.)

For several years, our Education Committee has worked to build the “Umpqua Natural Resources Pathway” to take students from High School through Community College and on to a 4-year degree in Natural Resources. We began by building partnerships and securing grants for our very successful “Learn, Earn, and Serve” initiative for area youth, now entering its third year. But the missing piece of the pathway has been an Associate of Science (AS) degree at UCC that would create the bridge from local high schools to a university Bachelor of Science (BS) degree.

In mid-November, the middle step of the pathway just cleared a major hurdle with the approval of 7 new UCC courses designed to be the core of an AS in Natural Resources with a specialization in Landscape Monitoring. This new program will “articulate” seamlessly with Oregon State University’s BS program in Natural Resources forming the “bridge” from high school to university that we’ve been working to create.

The new courses include *Intro to Natural Resources*, *Forest Ecosystems*, *Environmental Dispute Resolution*, *Water Resources Science*, *Soil Science*, *Environmental Geology*, and *Dendrology*. A GIS course that UCC already offers will also be modified to better serve the needs of NR students. Other field-based courses will be added over the next few months to provide students with the hands-on ecological data gathering and analysis experience they will need to be broadly trained natural resource technologists. We will build on UW’s successes in the *Learn, Earn, and Serve* program to pair well-prepared students with experienced agency scientists so that students will generate valuable data while they gain marketable field skills.

Students may take their 2-year AS degree directly into the marketplace, or they may continue on with a 4-year BS degree. Discussions with OSU’s Natural Resources Dept. are going extremely well, and we expect to get an official articulation agreement signed and on the books by Fall term 2015. Our hope is that with careful choices of courses from OSU’s online “eCampus” catalog, students will be able to get their BS in Natural Resources with a Landscape Monitoring specialization without ever having to leave Douglas County.

Our *Learn, Earn, and Serve* program mentioned above continues to gather new partners and may soon include the Roseburg BLM and the Oregon Department of Fish & Wildlife along with UCC, Phoenix School, the Oregon Youth Conservation Corps, the South Umpqua Rural Community Partnership, and the Umpqua National

Forest. It is funded through 2015, and we are applying for a continuation of the National Fish and Wildlife Foundation grant we received last year, thanks in large part to efforts by VISTA Education Committee members Roland Wang and Joe Edmonds. We wish them both all the best as they both finish their VISTA service and move on to the next steps in their promising careers. We also wish to thank former VISTA member Tiffany Caisse for her valuable help with our education activities in 2014. Tiffany has now moved on to a job at the Roseburg BLM, and Roland has been accepted into the Teach for America program.

We are fortunate, however, to have gained the skills and enthusiasm of our new AmeriCorp member Katrina Keleher. Katrina will carry our “Science Friday” program forward in the Winston School District and will continue to engage the county’s K-12 students in the areas of watershed science and sustainability. She will also be spearheading the 2015 Twin Lakes Youth Campout that has become an annual summer tradition on the Umpqua.

Our Education Program grows in scope and impact every year, and we urge you to think about making a financial contribution to help support this momentum. While donations to our general fund help us keep the lights on, answer the phone and provide meeting space for all of our committees and partner groups, a contribution to the Richard Sommer Education Fund will also help us provide financial support directly to students in our Umpqua Natural Resources Pathway.

Help them save the world.

Ken Carloni, Ph.D.

Education Committee Chair





Need a lab science class but want to add some fun and adventure?

JOIN OUR BAJA EDVENTURE!

Biology 101A: Evolution, Diversity and Ecology of the Baja Peninsula

Winter Term/Spring Break (March 19-29) 2015

This **4 credit lab science** class meets **AAOT** requirements. The online portion starts **Winter Term 2015**, followed by a **spring break tour** on the famous **Green Tortoise** (www.greentortoise.com). We will explore 6 ecoregions, and marine habitats on both coasts. We anticipate providing all transportation to and from UCC, meals and camping for **under \$1200**. Email Ken.Carloni@Umpqua.edu for itinerary and other details.



SAVE THE DATE!

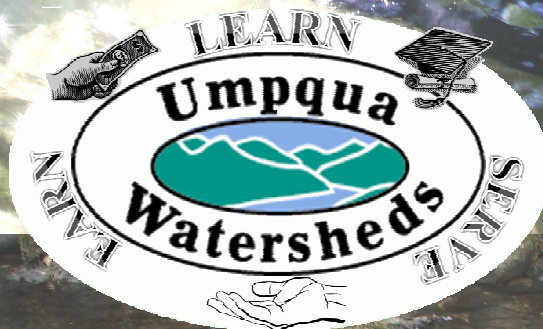
**March 14, 2015 at Umpqua
Community College. Umpqua
Watersheds Annual Banquet
and Auction.**

**Items are needed for the auc-
tion. Contact Umpqua Water-
sheds to donate.**



Education Program Goals:

To provide life changing experiences for learners of all ages that cultivate appreciation for ecological systems, conservation practices, restoration processes, and the intrinsic value of wild places.



Umpqua Watersheds Business Partners

Umpqua Watersheds sends a Big THANK YOU to all our Business Endorsers

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Richard Chasm, Timberland Owner

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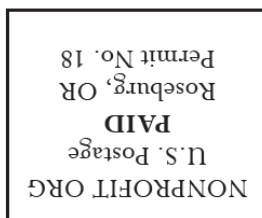
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