

The Current

An eNewsletter of the



WATER CENTER
COLORADO STATE UNIVERSITY

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FEATURE

Congratulations to the Spring 2017 SWIM Graduates!



Congratulations to the students who graduated with the Sustainable Water Interdisciplinary Minor this spring! The SWIM is open to all majors and offers students an opportunity to gain knowledge of the many dimensions of water management.

Pictured here: **Ry Weber** (Watershed Science), **Katrina Puck** (Chemistry), and **Morgan Salter** (Chemistry), with Julie Kallenberger and Reagan Waskom from the CSU Water Center. *Not pictured:* **Carter Stoudt** (Environmental and Natural Resource Economics) and **Blake Mamich** (Natural Resources Management).

Click [here](#) to learn more about the SWIM program.

HIGHLIGHTS

[Enrollment open for GRAD 592 Seminar - "Water Management in Colorado"](#)

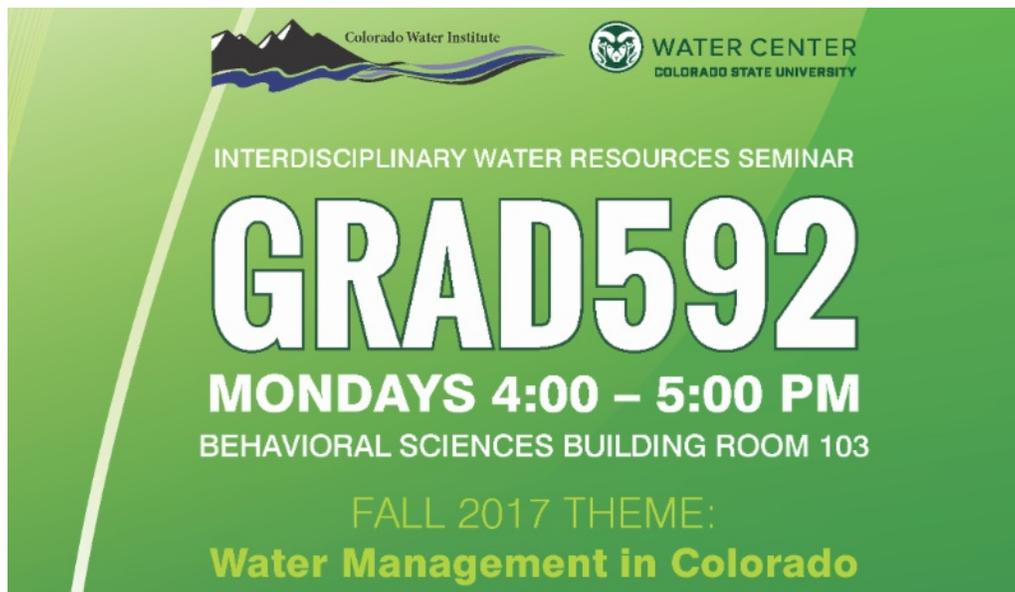
*Mondays 4:00-5:00 pm / Behavioral Sciences Building Room 103 /
Seminar Instructor: Jennifer Gimbel, Colorado Water Institute*

This seminar series will examine the roles of local, state and federal agencies in water management, the role of the political process in water management, and prepare students for water-related careers by learning the analytical and data tools used in tracking and managing water in Colorado.

CSU graduate students: use CRN 74006 to sign up for this one-credit course.

The lectures are open to any faculty, staff, students, and off-campus guests wishing to attend.

Click [here](#) for more information.



LOCAL & REGIONAL EVENTS

[Downtown Fort Collins River Cleanup](#)

May 27, 2017 / 9:00am-12:00pm / Lee Martinez Park, 600 N. Sherwood, Fort Collins, CO 80521

Join several Ft. Collins organizations in cleaning up the Poudre River! Bring gloves and sunscreen and dress for the weather. Trash bags will be provided. Please carpool or bike as parking is limited. There will be a volunteer appreciation event following the cleanup at 12:30 pm at Mountain Whitewater, 1329 N. US Hwy 287.

For more information and to register, contact Ben at 970-419-0917 or email ben@raftmwd.com.

Clean the Poudre 2017

Down Town Fort Collins River Cleanup



[Climate and Colorado's Water Future Workshop](#)

June 1, 2017 | 8:30am-5:00pm | Boulder, CO

Join CFWE to learn about Colorado's changeable climate, climate change, and how we're planning for our water future. You'll hear from expert speakers and tour some of the exciting facilities and labs housed within the National Oceanic and Atmospheric Administration including the Space Weather Prediction Center and the National Weather Service.

Click [here](#) for more information.

[Poudre RiverFest](#)

June 3, 2017 | 12:00pm-7:00pm | Poudre River Oxbow, adjacent to New Belgium Brewery

The Poudre RiverFest is a free, family-friendly festival that restores, celebrates and educates people about the Cache la Poudre River. This collaborative event brings together nonprofits from our local conservation community.

- **Learn** about conserving the Poudre River and its resources through kids' activities
- **Connect** with local groups that work to improve and maintain the health of the river
- **Volunteer** to help with river cleanup and restoration projects in the coming year
- **Dance** to live music from Lineage Music Project, Dave Miller Blues Band and Patti Fiasco
- **Enjoy** beer from New Belgium Brewing Co. and food from local eateries

Click [here](#) for more information.

[UCOWR/NIWR Conference "Water in a Changing Environment"](#)

June 13-15, 2017 | Lory Student Center, Fort Collins, CO

Gaps in projected water supply and demand, water quality and reuse issues, increased food and

energy needs, and a changing climate will bring water resources to center stage, not only in the Western U.S., but across the continent and around the world. This conference seeks to develop trans disciplinary and disciplinary solutions to complex water problems and explore bridges between science and policy.

For more information and to register, click [here](#).

[Colorado Foundation for Water Education Southwest Basin Tour](#)

June 13-14, 2017 | Telluride, CO

Tour attendees will have the opportunity to visit sites up and down the San Miguel River, from Telluride to the confluence with the Dolores River, hearing from local water managers, city officials, conservation groups and business leaders about local water management considerations, economic development, and collaborative restoration projects in the San Miguel and Dolores watersheds.

Click [here](#) for more information.

[Urban Water Innovation Webinar Series](#)

The One Water Solutions Institute is hosting a weekly seminar series focused on urban water innovation systems. The webinars will include a 30-minute presentation on specific UWIN related research, followed by a 20-minute Q&A session. Recordings of the webinars are available on the One Water Solutions Institute [YouTube Channel](#).

Registration is required for each series. To register, click [here](#).

Assessment and design of innovative building systems and urban infrastructure	Forrest Meggers, Princeton	Thursday May 25, 2017	2:00 pm MTD
Urban vegetation biodiversity - ecosystem functioning	Darrel Jenerette, UCR	Thursday June 1, 2017	2:00 pm MTD
Assessing the thermal comfort implications	Dave Hondula, ASU	Thursday June 15, 2017	2:00 pm MTD

[Colorado Water Workshop](#)

June 21-23, 2017 | Gunnison, CO

This year's workshop will focus on *Rural and Urban Water Issues in and Evolving Political Landscape*. Registration for the workshop opens in late May. After the workshop, stay for the Gunnison River Festival on June 22-24.

Click [here](#) for more information about the workshop. Click [here](#) for more information about the River Festival.

[Upper Colorado Basin Forum](#)

Call for Abstracts: Submission Deadline: June 30, 2017 | Conference Dates: November 1-2, 2017

This year's forum seeks to showcase stories which highlight the challenges and complexities involved in understanding Upper Colorado River Basin water issues and how to manage water in new ways, as well as the insights that result from this work. The theme "Stories from the Field" encourages presenters to tell stories from their personal experiences of work on the ground.

The conference organizers encourage submissions from scholars, water managers, engineers, policy makers, policy analysts, citizen groups, industry representatives (including the recreation and energy industries), farmers, water attorneys, graduate and undergraduate students, artists and writers. Submissions for both oral and poster presentations are welcome.

Click [here](#) for more information.

[Western Water Symposium and Barbecue](#)

Save the Date: July 24, 2017 | Colorado State University Campus, Fort Collins, CO

Details coming soon. Click [here](#) for more information.

[South Platte River Forum](#)

Save the Date: October 25-26, 2017 | Embassy Suites, Loveland, CO

Details coming soon. Click [here](#) for more information.

[Big Thompson Watershed Forum](#)

November 1, 2017 | Loveland Group Publishing, Loveland, CO

Please join the Big Thompson Watershed Forum for its 15th biennial watershed conference, *Sustaining the Health of a Working River*. Registration opens on June 1, 2017. Register before October 1 to get the early bird rate of \$65.

Click [here](#) for more information.

NATIONAL & INTERNATIONAL EVENTS

[Call for Abstracts - 4th International Conference on Water and Society](#)

Conference Dates: June 5-7, 2017 | Seville, Spain

This conference encourages trans-disciplinary communication on issues related to the nature of water and its use and exploitation by society. The conference is motivated by the need to bridge the gap between the broad spectrum of social political sciences and humanistic disciplines and specialists in physical sciences, biology, environmental sciences and health, among others.

Click [here](#) for more information.

[WEF Nutrient Symposium 2017](#)

June 12-14, 2017 | Fort Lauderdale, FL

The WEF Nutrient Symposium provides an exciting opportunity to interact with nationally and internationally recognized nutrient removal and recovery technology experts. Learn how researchers are working with practitioners and operators to develop and implement innovative solutions to address the challenges of sustainable nutrient management issues in today's world.

Click [here](#) for more information.

[World Water Week](#)

August 21-September 1, 2017 | Stockholm, Sweden

World Water Week in Stockholm is the annual focal point for the globe's water issues. In 2017, World Water Week will address the theme "water and waste - reduce and reuse".

Experts, practitioners, decision-makers, business innovators and young professionals from a range of sectors and countries come to Stockholm to network, exchange ideas, foster new thinking and develop solutions to the most pressing water-related challenges of today.

Click [here](#) for more information.

LEGISLATIVE SESSION UPDATES

[House Bill 17-1190, "Limited Applicability of St. Jude's Co. Water Case"](#)

This bill passed the House by a 41-22 vote on April 5, passed the Senate by a 23-12 vote on April 26, and then passed again in the House on April 27 after amendments had been made to the bill in the Senate. Learn more [here](#).

[Senate Bill 17-036, "Appellate Process Concerning Groundwater Decisions"](#)

This bill passed the Senate on Feb. 14 by a 34-0 vote, passed the House by a 46-17 on March 27, and then passed the Senate again on March 30 after amendments had been made to the bill in the House. On April 18, Colorado Governor John Hickenlooper signed the measure into law. Learn more [here](#).

[House Bill 17-1219, "Extend Colorado Water Conservation Board Following and Leasing Pilot Program"](#)

This bill passed the House by a 48-17 vote on March 29 and then passed the Senate on April 12 by a 34-1 vote. The bill is awaiting the Governor Hickenlooper's signature. Learn more [here](#).

GRANTS & FELLOWSHIPS

[Agriculture and Food Research Initiative - Water for Food Production Systems Challenge](#)

Closing Date: August 2, 2017

The long-term goal of this program is to sustainably increase agricultural productivity and availability of safe and nutritious food while significantly reducing water use and preserving water quality. The projects are expected to transform how abundant, safe, and nutritious food is produced, processed, distributed, and consumed within the limits of available water from traditional and non-traditional sources.

Click [here](#) for more information.

[PhD Research Opportunities - Water in China](#)

Deadline to Express Interest: September 1, 2017

The School of Geography at the University of Melbourne is seeking PhD candidates to conduct research in two areas: the spilling over of China's water management onto its international neighbors such as Mongolia and the countries of South-east Asia, and China's South-North Water Transfer project. The School is offering scholarships and field work/conference-attendance grants to candidates who are interested in writing PhD theses on these topics.

Click [here](#) for the water management program description. Click [here](#) for information on the South-North Water Transfer program.

[NSF - Hydrologic Sciences](#)

Proposals accepted anytime.

The Hydrologic Sciences Program focuses on the fluxes of water in the environment that constitute the water cycle as well as the mass and energy transport function of the water cycle. The Program supports the study of processes from rainfall to runoff to infiltration and streamflow; evaporation and transpiration; the flow of water in soils and aquifers; and the transport of suspended, dissolved, and colloidal components.

Click [here](#) for more information.

[Colorado Watershed Assembly List of Funding Opportunities](#)

The Colorado Watershed Assembly maintains a list of governmental and non-government funding sources for restoration projects and organizational capacity building.

Click [here](#) for more information.

EMPLOYMENT OPPORTUNITIES

[Regional Water Management Coordinator - Community Water Center \(Visalia, CA\)](#)

The Regional Water Management Coordinator will be a key member of the CWC program staff, coordinating regional water management planning, policy, and program development to achieve sustainable and affordable drinking water solutions in low-income communities and communities of color.

Click [here](#) for more information.

[Student Jobs and Internships](#)

The CSU Water Center maintains a job board of student positions located in Colorado. Many subject areas are featured through this service including: ecology, economics, engineering, fish and wildlife, natural resources, and the social and natural sciences.

Click [here](#) to explore the job board.

SCHOLARSHIPS

[2017 Harlan Erker Memorial Scholarship](#)

Application Deadline: May 26, 2017

The Colorado Ground Water Association is offering scholarships to graduate students and senior undergraduates currently attending an accredited college or university in Colorado. Research topics must involve some aspect of groundwater science or engineering.

Click [here](#) for more information.

[2017 WaterReuse Colorado Student Scholarship](#)

Application Deadline: May 31, 2017

The purpose of the scholarships is to support students with a focus on water reuse, water

reclamation, and/or desalination.

Click [here](#) for more information.

[Four States Irrigation Council Scholarship](#)

Application Deadline: June 9, 2017

This one-year scholarship will be awarded to a qualified student interested in a career in irrigation or water related fields and currently enrolled at an accredited university or college in Colorado, Kansas, Nebraska, or Wyoming.

Click [here](#) for more information.

[RMWEA Tony Campman Scholarship](#)

Application Deadline: June 15, 2017

The Rocky Mountain Water Environment Association established the Tony Campman Scholarship to encourage students who wish to pursue higher education in the water environment field by providing a scholarship at their college or university.

Click [here](#) for more information.

[Arkansas River Basin Water Forum Scholarship](#)

Application Deadline: June 15, 2017

The ARBWF provides scholarships for students attending a university in the state of Colorado and working towards a degree in a water related field. The applicant must demonstrate how their work/studies will have a positive impact on a water related issue facing the Arkansas River Basin.

Click [here](#) for more information.

[Rocky Mountain Water Quality Analysts Association Scholarship](#)

Application Deadline: July 31, 2017

The RMWQAA offers a \$1,000 scholarship to students pursuing an education and career in the Water Quality field. RMWQAA provides a forum for networking, sponsors training and educational opportunities, and maintains a system of certification and professional development for laboratory analysts and others in the water quality field.

Click [here](#) for more information.

EDUCATION

[Sustainable Water Interdisciplinary Minor \(SWIM\)](#)

The purpose of this minor is to offer students an opportunity to gain a deeper knowledge of the many dimensions of water management. Students will take 21 credits in core and elective courses. This minor is open to all CSU undergraduates.

Click [here](#) for more information and to download the course checklist.

If there is magic on this planet, it is contained in water - Loren Eiseley

SUSTAINABLE WATER INTERDISCIPLINARY MINOR

CSU's Sustainable Water Interdisciplinary Minor (SWIM) offers undergraduate students, regardless of their major, an opportunity to gain a deeper knowledge of the many dimensions of water management. By taking advantage of the outstanding water expertise available at CSU, students can better prepare themselves for careers in water management or graduate study in a water-related area.



in partnership with
SCHOOL OF GLOBAL
ENVIRONMENTAL
SUSTAINABILITY
Colorado State University

SWIM

21 credits required

minimum of 12 upper-division (300-400 level) courses

For further information, please visit www.watercenter.colostate.edu

STUDENT SPOTLIGHT

AJ Brown, PhD student in the Department of Soil and Crop Sciences and
Kelsea Macilroy, PhD student in the Department of Sociology



Congratulations to AJ and Kelsea, recipients of the 2017 Arkansas River Basin Water Forum Scholarship!

The [Arkansas River Basin Water Forum](#) serves as a conveyance for information about the Arkansas River Basin and for issues related to water allocation and management. The Forum has provided a greater understanding of water issues and the opportunity to find common ground.

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