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Water, energy, manufacturing and food processing cluster meeting March 17th at 10:00 A.M.

A joint meeting of the Water, Energy Manufacturing and Food Processing Clusters will be held in conjunction with the Careers in Manufacturing Technology Career Expo. The meeting is scheduled to begin at 10:00 a.m. at the Holiday Inn in downtown Fresno. Your attendance at lunch immediately following the meeting is encouraged.

Two presentations will be made during the meeting as part of the effort to keep cluster members abreast of the latest information and technology. Kamyar Guivetchi will make a presentation entitled **California Water Plan Update 2009: Investing in Innovation and Infrastructure**. The water plan took four years to complete and covers the whole state. Since 2008, Guivetchi has been responsible for the Division of Statewide Integrated Water Management with the California Department of Water Resources (DWR). He has been with DWR for 33 years and helped to prepare the California Water Plan Update in 2005 and 2009. Work has already begun on the 2013 update. Guivetchi holds a BS in Civil Engineering and completed post graduate work in Environmental Engineering at the University of California, Davis.

The second presentation entitled **Magnetic Energy Saving Couplings and Adjustable Speed Drives** will be made by Eric Rothberg. Using MagnaDrive technology, these products can eliminate harmful wear and tear from vibrations, enhance energy efficiency, increase motor life and protect equipment from overload damage. Since 2007, Rothberg has been the Director of Sales & Marketing for MagnaDrive and has over 18 years of sales and marketing experience in the pumping and filtration sectors. Rothberg holds an MBA from California State University, Fresno, and a BS in Agronomy from the University of Bahia, Brazil.

ICWT and Water Cluster celebrate the first ten years

In 2001, California State University, Fresno joined forces with the water technology industry to form The International Center for Water Technology (ICWT) and the Water Cluster. Claude Laval of Lakos and Ray Dunn of Floway Pumps acted as the first co-chairs for the Cluster.

Over the past ten years, ICWT along with more than 360 cluster members, has worked to educate, promote, and assist in the development and adoption of innovative technologies that improve water utilization, reduce

energy demand, and positively impact air quality across agricultural, environmental and urban applications.

Some of the key milestones for this unique collaborative partnership include:

- California Irrigation and Flow Technology (CALIFT) Export Development Program – This program focused primarily on ag irrigation initially in Argentina, Chile and Mexico. The program made it possible for manufacturers to attend

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Next Water Cluster Meeting

March 17, 2011
Holiday Inn Downtown Fresno
1055 Van Ness Ave, Fresno, CA 93721
10 A.M. - 12 A.M.

Please RSVP to
Iramos@csufresno.edu or (559) 278-2066

shows in each of these countries and also promoted reverse trade missions.

- Careers in Manufacturing Technology (CIMT) Program – The program is in its 7th year. It is dedicated to placing students in summer internships in local manufacturing and food processing companies, provides tours of local plants to students and promotes manufacturing as a viable career to high school students.
- MDCP/ICWT Export Development Program – Countries included Chile and Mexico: The program took approximately 26 companies to ag and mining shows in these countries and had customer buyers attend shows such as: AWWA; WEFTEC; WAE, and MinExpo. A total of 70 foreign buyers participated.



Angelo and Cece Mazzei of Mazzei Injector oversee product testing in the WET Lab.

- Water and Energy Technology (WET) Lab – The new state-of-the-art research and testing WET Lab was completed and operational in 2008. This 13,000 square foot facility greatly expanded ICWT's testing capabilities, is equipped with solar panels and is the first green building constructed on the Fresno State campus.
- International Water Technology Conference 2007 – This event spanned four days and was held at the SaveMart Center and included 54 exhibits, more than 70 technical and keynote sessions and a full day of technical tours.
- Water Technology Conference 2010 – This conference was held at the Veteran's Memorial Building in Clovis, California. The two-day event had a more regional focus and featured exhibits, technical sessions, and keynote luncheon speaker Pat Mulroy of the Southern Nevada Water Authority.

Funding from the Fresno County Workforce Investment Board, the Environmental Protection Agency, and the US Department of Commerce have made this partnership a great success.

It has been ten years since we began our journey to create the International Center for Water Technology. It began with a promise to improve the quality of the workforce, expand exports, and build a state-of-the-art hydraulics testing laboratory. I think it is fair to say that collectively we have delivered on all three. When you have a chance, please read the updated 2010 Regional Strategic Plan that can be found at ICWT.net. It is the guiding document for our future. I want to personally thank our industry partners for their support and participation. Without them, our aspirations would still be just a promise. Here's to the next ten years with bigger and better things to come!

David Zoldoske, Director

ICWT/CIT membership renewals coming soon

One of the important ways industry has contributed to the water programs at Fresno State is by becoming a supporting member. A modest annual contribution of \$200 for corporations and \$50 for individuals goes a long way in helping fund the many activities and events provided by the water centers at Fresno State.

Renewals will be going out shortly. This year when you pay your membership dues you are automatically supporting both the International Center for Water Technology and the Center for Irrigation Technology. We have two ways to pay: either by credit card or by check. We sincerely want to thank everyone for their past support and hope you continue to find value in your partnership with ICWT and CIT.

7th annual Career Expo to be held on Thursday, March 17th from 8:00 a.m. to 12 p.m. at Holiday Inn Downtown

The 7th annual Careers in Manufacturing Technology (CIMT) Career Expo is rapidly approaching. Set to take place on Thursday, March 17th at the Holiday Inn in downtown Fresno, the event will include a variety of activities designed to:

- enhance the employment potential of students
- endorse the feasibility of a career in the water industry
- create a favorable environment for networking between students and employers

Students - 9:00 a.m.-12:00 p.m.

Student workshops will include "Self Branding" and "Interviewing Techniques". These workshops will introduce students to various jobs available in their area of interest and will spend time covering keys to success in their chosen field. Students will also have the opportunity to participate in mock interviews with human resources professionals. These are not group interviews; students will actually participate in a one-on-one resume review with a trained human resource interviewee and be provided with feedback.

Supervisor Training - 9:30 a.m.-12:00 p.m.

You won't want to miss this training - **"Conflict resolution and how to have tough conversations with your team"**

Cost is free for all attendees and will include training materials, continental breakfast and lunch. This training is open to cluster participants and their supervisors.

Lunch - 12:00 - 1:00 P.M.

Lunch is open to all attendees and will feature a keynote speaker.

Exhibit - 10:00 a.m.-12:00 p.m.

Looking for qualified workers? The Careers in Manufacturing Technology (CIMT) internship program is the place to start. WE STILL HAVE ROOM FOR MORE EMPLOYERS. Approximately 90 students from the Applied Technology Divisions at Fresno City College and Reedley College are expected to attend the annual CIMT Career Expo! This is a chance for your business to network with students interested in your industry. Come and share information on career paths within your company and/or industry. Education and training are key to developing interest and qualification in potential employees, so this is also a unique opportunity to recruit students for the upcoming summer 2011 internship season.

Water, energy, manufacturing and food processing cluster mtg. - 10:00 - 12:00 P.M.

WE STILL HAVE ROOM FOR EMPLOYERS TO EXHIBIT.

CONTACT Laura Ramos at lramos@csufresno.edu to sign up.

We are seeking volunteers to conduct mock interviews as well as company exhibitors and/or individuals willing to present to the students. If you or your company are interested in being a part of our annual career expo, please e-mail Laura Ramos at lramos@csufresno.edu.



12th Intelligent Use of Water Summit to be held in Clovis March 15

Environmental and water management experts will gather in the Central Valley to examine issues affecting California agriculture at Rain Bird's 12th Intelligent Use of Water Summit: California Agriculture at a Crossroads. Presented in partnership with Fresno State's Center for Irrigation Technology (CIT), the event will focus on providing greater insight into water issues, policies, legislation, programs, initiatives and trends which ultimately impact California's agricultural industry.

Scheduled to begin at 9:00 a.m. on Tuesday, March 15, the event will be held at the Veteran's Memorial Building in Clovis. Two morning sessions will feature panels of experts and will be moderated by CIT director David Zoldoske. The summit will conclude with keynote lunchtime discussion

speakers Andrew Gregson, CEO of Australia's New South Wales Irrigators' Council and Rebecca Nelson, lead researcher of the Comparative Groundwater Law and Policy Program at Stanford University.

Established by Rain Bird in 2004, the IUOW Summits are a forum to further define the relationship between water conservation and outdoor water use. There is no charge to attend but space is limited. For more information go to www.Californiawater.net or to reserve your seat visit www.rainbird.com/summitRSVP.

Blue Tech Valley Water Conference slated for May 3-4



The Water Innovations Alliance, in partnership with the Central Valley Business Incubator and the Claude Laval Water & Energy Technology Incubator, will hold their inaugural water conference May 3-4 at the Veteran's Memorial Building in Clovis, California. Additional sponsors for the event include the International Center for Water

Technology and California State University, Fresno.

The conference theme – International Solutions to Regional Issues – will address current issues that have a direct and visible impact regionally, as well as world-wide implications. The purpose of the Blue Tech Valley Water Conference is to provide water constituents within private,

public and academic arenas the opportunity to collectively explore and discuss new innovations, developments and trends relating to current water issues.

The event features an impressive list of speakers including Tuesday keynote speaker Woodrow W. Clark II. Dr. Clark, a long-time advocate for the environment and renewable energy, is an internationally recognized author, lecturer and advisor specializing in sustainable communities. In December 2007, Dr. Clark was a co-recipient of the Nobel Peace Prize, along with his colleagues in the United Nations Intergovernmental Panel on Climate Change (UNIPCC).

Registration for the two-day event is \$250. More information about the Water Innovations Alliance and the conference can be found at www.waterinnovations.org.

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