AES BBQ FUNDRAISER for CA Wildfire Relief Fund
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<th>Sunday</th>
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Connor McGovern is a Senior BRAE student. As a fourth year student he has “bounced around” and experimented with a lot of the clubs associated with the BRAE department. Including serving as an AES Officer last year. With graduation coming around the corner he says, “I hope to use the skills and knowledge cultivated at Cal Poly with a career in the automation of agriculture.” He is currently working for the BRAE department helping in the shops and working on the Solar Tracker project. Connor said that it has been a busy quarter in BRAE, most of his free time has been spent working on the concrete slab in front of the department building and senior project.

“I have a huge passion for the agriculture industry and could not be more happy with my time spent at BRAE,” says Connor.
THURSDAY, NOV 21
11-12 ON THE BRAE RAMP (BUILDING 8A)

LET’S DO OUR PART TO HELP CA FIRE VICTIMS.

100% OF THURSDAY BBQ PROCEEDS GO TO THE CA WILDFIRE RELIEF FUND!

$5: SINGLE CHEESEBURGER, SALAD, CHIPS/CHILI AND SODA
$6: DOUBLE CHEESEBURGER, SALAD, CHIPS/CHILI, AND SODA

**WITH VEGGIE BURGER OPTIONS**
CASH ONLY
AG 200 & AG 212
Leadership Practice: Poly Royal Rodeo

Help plan the nation’s largest college rodeo by working as team members on committees!

Terms typically offered:
AG 200 - W - credit/no credit
AG 212 - S - 3 units
Instructor permission and application required
CAFES Research Seminar Series

Fall Quarter 2019

Please join CAFES for our Research Seminar Series ~ Fridays this Fall

Pizza will be served!

Erhart Agriculture Bldg. 10, Room 206 12:10 - 1:00 p.m.

- Physiological Reaction to Odorants: Carmen Licon, Dept. of Food Science and Nutrition, Fresno State (09/27)
- Dairy Waste Management Research: Tryg Lundquist, Dept. of Civil and Environmental Engineering, Cal Poly, SLO (10/4)
- Food Rheology: The Scientific Smushing of Food: Helen Joyner, Dept. of Food Science and Nutrition, Univ. of Idaho (10/11)
- Water and Weather Issues for Central Coast Agriculture: Mark Battany, UC Cooperative Extension (10/18)
- Disentangling the Local and Landscape Determinants of Pests and Pesticides: Ashley Larsen, Bren School of Environmental Science and Management, UCSB (10/25)
- Exploring the Ecological Impacts of a Novel Land Use: Utility Scale Solar Fields: Seeta Sistla, NRES, Cal Poly, SLO (11/1)
- 2018 Annual Crop Statistics for SLO County: Martin Settevendemie, Agricultural Commissioner, SLO County (11/8)
  - Grazing Behavior and Physical Activity Influences on Metabolism and Performance: Zach McFarlane, ASCI, Cal Poly, SLO (11/22)
  - Temporal Changes in the Soil Microbiome in Response to Soil Fumigants: Shashika Hewavitharana, HCS & Strawberry Center, Cal Poly, SLO (12/6)

For questions, please call Marnie Perry at 805 756 2161

Cal Poly
College of Agriculture, Food & Environmental Sciences
WHO: Cal Poly BRAE & ASM Major Concentration (all majors welcome)

WHAT: A professional club that promotes experience in industry as well as developing connections with industry professionals

WHEN: Next Meeting will be in December

WHERE: BRAE Lab 1

WHY: To give professional opportunities to Cal Poly students by allowing them to associate with industry professionals as well as another learning outlet to discover the variety of career paths they can take with their major

HOW: By being present and engaged, and enjoying a great BBQ!), Cal Poly Students will have access to more personalized information about their future within the Cal Poly BRAE Department as well as their career following college
Internship and Employment Opportunities

ASM and BRAE students and graduates are in high demand!

Check out www.brae.calpoly.edu/students/employment for even more postings!

Career Services can help you explore career options, prepare for your internship/job search, connect with employers, and more! Please visit their website for information on the services and resources they provide.

What’s Happening in CAREER SERVICES

FALL 2019

11/19: Chemistry Internships and Career at the County of San Luis Obispo
Come and learn about the fascinating work being done by chemists at the County of San Luis Obispo, as well as internships they have available.

11/19: Resume and Cover Letter Office Hours
No need to schedule an appointment! Just swing by to have your resume or cover letter reviewed by a Career Services ambassador.

11/20: Portfolio to Professional: Utilizing Portfolium
Come learn about the best way to digitally represent your best academic and professional achievements.

11/20: Leveraging LinkedIn and Career Connections
Attend this workshop to learn how to leverage LinkedIn and Career Connections to your benefit.

11/18: Change of Major Workshop
The university wide workshop will go over Cal Poly's change of major policy and explore ways to further research your options and next steps.
CONNECT WITH EMPLOYERS.

Learn about employment opportunities in agriculture, tech & agtech at the AGTECH JOB & INTERNSHIP FAIR.

11.26.2019
1:00PM-4:00PM

@ the Western Growers Center for Innovation & Technology |
150 Main St. #130, Salinas, CA 93901
free admission; refreshments will be served
questions? contact Emily Lyons at (831) 272-0661
Junior Civil Engineer

**CSA** is a well-established civil engineering and land surveying firm located in Benicia, California. We specialize in land development, surveying and public works projects.

We have an immediate need for a Junior Civil Engineer. Our office focuses in the design and plan preparation of land development projects of various sizes. Though not required, the ideal candidate will also have some field survey experience with topographic, boundary, and construction surveys. We offer the candidate the opportunity to perform Civil Design and related survey work.

Requirements:

- BS Degree in Civil Engineering
- Demonstrate design and plan preparation: College projects and/or intern work
- Engineer-in-Training (E.I.T.) Registration
- Excellent oral and written communication skills
- Working knowledge of Auto CAD
- Working survey experience
- Detail oriented
- Willing to travel occasionally on overnight projects
- Ability to work independently with direct guidance from principals
- Ability to obtain security and refinery clearances
- Candidates must be legally authorized to work permanently (i.e. without time limitations, without restrictions or without need for work sponsorship)
- Ability to manage time and resources to work effectively
- Physical ability and willing to work in the field

Typical work:

- Grading and Drainage design and drafting of plans
- Subdivision Plans and Maps
- Design of utilities (Water, Sewer and Storm Drain Systems)
- Hydraulic calculations for sewer and storm drain systems
- Boundary (Property Line) calculations
- Metes and Bounds documents
- Survey preparation, topographic surveys, construction staking.
- Client and Public Agency communication and coordination

CSA is a small office where the ability to work as a team member in a dynamic and positive work environment is essential. We work on a broad array of challenging and interesting projects.

The company offers salary commensurate with experience, medical insurance, vacation/holidays, 401K plans with employer contribution.

Send your cover letter and resume to:
Rod Sherry, P.E. (e-mail to: rsherry@csa-engineers.com)
Dan Cullen, P.E. (e-mail to: dcullen@csa-engineers.com)
Project Engineer Employment Opportunity

**Job Title:** Project Engineer  
**Company:** Semitropic Water Storage District  
**Location:** Wasco, CA

**Application Filing Period:** Position will remain open until filled; the recruitment will close once sufficient number of qualified applications are received.  
**Salary Range:** $5500 to $6600/month, commensurate with experience

**How to Apply:** Interested candidates should submit a cover letter and resume via email to mail@semitropic.com or mail to Semitropic Water Storage District, Attention: District Engineer, Post Office Box 8043, Wasco, CA 93280

The Semitropic Water Storage District (District) is responsible for the importation and delivery of surface water to our agricultural lands to reduce the demand upon the local groundwater basin. In addition to the delivery of surface water, the District operates a water banking program which stores available surface waters within the District for recovery to our banking partners when needed.

The District is seeking applicants for a Project Engineer position. The Project Engineer assists with planning and managing the District’s water distribution and banking activities, and provides administrative support to the Engineering Department.

Completion of a Bachelor of Science Degree in Agricultural or Civil Engineering is required.

Generous benefits package, including health, dental, and vision benefits, flexible spending account, retirement plan with District contributing 10% of the employees regular salary, vacation and sick leave and observance of eight holidays, plus one floating holiday; salary dependent upon qualifications.

**Definition/Summary**

Under the direction of the District Engineer, assists with the District's engineering activities and services. Assists with coordinating and implementing studies, grants and programs related to irrigation district services and banking activities. Performs a variety of engineering field and office duties, may manage contractors and consultants for specific tasks; serve as project engineer for public works projects; advise operations and maintenance staff on engineering matters; and draft reports for supervisory review including hydrologic, environmental, engineering, and feasibility reports.
Job Title: Field Engineer
Reports To: Senior Project Manager/Project Manager/Project Engineer
FLSA Status: Exempt

Job Summary
This position is responsible for providing on-site field administration, supervision, and technical management for all construction operations, including direct supervision of foreman, subcontractors, and other construction related personnel.

Essential Duties and Responsibilities

Essential duties and other responsibilities include but are not limited to the following:

- Review design documents, shop drawings and submittals for consistency with contract scope of work.
- Set-up job site logistics.
- Identify, define and procure required craft and subcontractor services.
- Monitor project costs and identify areas for improvement.
- Develop, maintain, and distribute meeting agendas and minutes.
- Document daily construction activities.
- Assist with preparation of CPM schedule.
- Implement project engineering procedures, and other work controlling documents.
- Prepare proposals, change orders, RFI's and letters of intent as needed.
- Change order documentation and associated cost reporting and maintenance.
- Time card review and invoice processing.
- Maintains a good working relationship with field personnel and subcontractors.
- Dedicated to achieving a “Zero Accident Culture” by adhering to site safety protocols and OSHA safety standards.
- Compile contract close out documents.
- Executes additional duties and responsibilities as assigned.

Qualifications

To perform this job successfully, an individual must be able to perform each essential duty satisfactorily. The requirements listed below are representative of the knowledge, skill, and/or ability required.

Required Education and Experience

- A Bachelor of Science degree in Construction Management or Civil Engineering or related field preferred.
- One (1) year of experience and past internships in the construction industry are required.
- Strong computer skills and familiarization with software programs to include project design, job costing, scheduling and estimating.
- Excellent oral and written communication skills.
Certificates, Licenses, Registrations

- A valid California Driver’s License

Competencies

To perform the job successfully, an individual should demonstrate the following competencies:

**Effective Communication:** Ensures that regular, consistent, and effective communication takes place. Ensures that important information is shared with others on a timely basis as appropriate in his/her organizational unit. Proactive in keeping their manager informed on a regular basis about progress and problems to avoid surprises.

**Leadership:** Marshals resources (people, funding, materials, and support) to get things done. Makes good decisions based upon a mixture of analysis, wisdom, experience, and judgment. Sought out by others for advice and solutions. Leads by example. Anticipates problems and adapts well to changing priorities. Willing to take action, even under pressure, criticism or tight deadlines. Treats direct reports equitably and fairly. Assembles talented teams externally and internally. Creates work environment that fosters strong morale and spirit in their team. Takes ownership of problems and shares success.

**Analytical Thinking:** Approaches problems using a logical or sequential approach, systematically comparing two or more alternatives; Notices discrepancies and inconsistencies in available information; Identifies parameters and considerations needed to analyze situations and make decisions; Conducts decision-based cost/benefit or risk/success analyses; Prioritizes tasks.

**Collaboration:** Develops, maintains, and strengthens, partnerships with others inside or outside of the organization who can provide information, assistance and support. Recognizes and appreciates the business concerns and perspectives of others; Provides valuable and needed assistance, information, and support to others, to build a basis for future reciprocity.

**Conflict Management:** Functions effectively when under pressure and/or while experiencing rapidly changing or uncertain conditions. Maintains self-control and composure in the face of stress, opposition or provocation. Effectively handles a variety of complex and difficult problems or tasks at once. Maintains a positive attitude under difficult circumstances. Quickly adapts and constructively reacts to unforeseen circumstances and setbacks, reducing their severity.

**Personal Integrity:** Ensures integrity of the Association; Develops and practices the highest ethical standards. Expected to honor commitments. Communicates openly, honestly and directly. Instills mutual trust and confidence. Treats all people with respect. Values diverse perspectives. Supports AAA’s diversity initiatives.

Physical Requirements

**Physical Demands**

The physical demands described here are representative of those that must be met by an employee to successfully perform the essential functions of this job.

While performing the duties of this job, the employee is regularly required to use hands to finger, handle, or feel, reach with hands and arms, talk, hear, taste, and smell. The employee is frequently required to stand, walk, climb or balance, stoop, kneel, crouch, and/or crawl. The employee is occasionally required to sit. The employee must frequently lift and/or move up to 50 pounds. Specific vision abilities required by this job include close vision, distance vision, color vision, peripheral vision, depth perception and ability to adjust focus.