Dr. Matt Haberland will present a lecture about Extracting Principles from Biology for Application to Running Robots on campus Monday, March 12, 2018 at noon in 8A-33.

Haberland is currently an Assistant Adjunct Professor in the Program In Commuting at UCLA. He received his PhD from the Massachusetts Institute of Technology.

Pizza will be provided at 11:30 prior to the event.
Students in Action!

ASM Students Helen Barnes and Molly Barker at the State Capitol in Sacramento earlier this week on a trip for the AG452-Issues Effecting California Agriculture course. Students presented on issue topics to over 70 attendees and had the opportunity to meet officials.

AES participated in the Annual CAFES Council hosted Ag Olympics Saturday! Events included trivia, sled pull, a scavenger hunt and more. Congratulations on the great turn out and effort!
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<td>Student Lecture with Dr. Matt Haberland 11:30AM 8A-33</td>
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**March Calendar**

- **March 11, 2023 - 12:**
  - Student Lecture with Dr. Matt Haberland
  - 11:30AM
  - 8A-33

- **March 14, 2023 - 14:**
  - Lunch with Innovation Norway Delegation
  - 11:30
  - Lab 1
  - Dean’s Office Presentation
  - Noon 8A-33
  - BRAE Capstone Presentation
  - 1:00 8A-33

- **March 15, 2023 - 15:**
  - AES Barbecue
  - BRAE Ramp

- **Spring Break:**
  - March 25-31

- **Finals Week:**
  - March 22-24
Norwegian Delegation and Capstone Presentations

Wednesday, March 14th, 2018

11:30AM lunch with Innovation Norway Delegation – Lab 1
Noon- delegation and Dean’s office presentations – 8A-33
1:00-6:00PM BRAE Capstone presentations – 8A-33

Cal Poly BRAE is excited to host guests from TINE SA, Din Fabrikk, Felleskjøpet Agri SA, BAMA GRUPPEN AS, Gartnerhallen, Norsk Landbruksamvirke, Innovasjon Norge, NoFence, and Soil Steam International to speak to students and collaborate with faculty.

Visitors will be available to meet with students during lunch and presentation times.
This Week’s Meeting
2018-2019 Officer Elections
Please fill out the form below to nominate members to be on next year’s officer team!

Officer Nominations

Project of the Week
AgBot and Roborodentia

New in Ag Automation
How Wireless Technology Found its Way to a Central California Farm
“The Fybr team says their most important first steps, well before implementing any technologies, were to speak with growers to understand the types of problems they needed solved. Then there were internal cross-team meetings to match the grower’s most pressing needs with the potential solutions that Fybr could bring.”

Article Here!

AgBot 2018
This year, Cal Poly is participating in the Harvest Competition. If you are interested and want to learn more, click the link below. If you want to be on the AgBot team, let us know!

Info Here!
Marine Science MSCI 330
TECHNOLOGIES FOR OCEAN DISCOVERY

4 UNITS – SPRING QUARTER 2018
FULFILLS GE AREA F REQ’T -OR- TECH. ELECTIVE?

SCHEDULE: Lecture MW 07:40 – 09:00 + Activity M or W 09:10 – 11:00
- ocean sensor systems, sensor platforms and emerging technologies
- current issues in marine science
- social context and societal implications of discoveries in ocean sciences
- projects include presentations, data analysis and hands-on work with sensors.

field trips. 2 lectures, 1 activity.
Prerequisite: Junior standing and completion of GE Area B.
District Engineer - Job Opportunity
District Engineer Career Opportunity in Central Valley!

Are you seeking an opportunity to make a positive impact in the water industry? Are you an inspired leader whose education and work experience exemplifies the ability to lead an engineering department through sound oversight and planning? Tulare Irrigation District is seeking a District Engineer who will play an instrumental role in imagining and realizing the future of our organization.

Established in 1889, Tulare Irrigation District supplies surface water to approximately 70,000 acres of irrigated agriculture in the heart of the Central Valley of California. You will be working for a well-established organization located in Tulare, a city which provides a small-town atmosphere with a strong sense of community. If you share our commitment to excellence and our core values, then this position could be right for you!

California Employers Association (CEA) in Sacramento is the recruiter for Tulare Irrigation District for this role. If you are up to this challenge and meet the qualifications, we invite you to apply for the position of District Engineer for Tulare Irrigation District.

Minimum Requirements

5-10 years experience with CA agricultural water operations and issues.
Knowledge and understanding of public agency protocol (work experience with public agencies and water supply infrastructure is a plus).
5 years or more as a practicing engineer in design, planning or project evaluation and development.
Demonstrated leadership experience and proven results in recruiting, retaining, and inspiring diverse team/organizations in a dynamic and evolving work environment.
Ability to build and maintain positive working relationships with landowners, vendors, governmental agencies and their representatives, the board, employees and all others involved with Tulare Irrigation District.
Outstanding written and oral communication skills to effectively work with internal and external stakeholders at all levels.
B.S. degree from an accredited college or university in civil or agricultural engineering.
License and Certifications

Must possess a valid California driver’s license and have a satisfactory driving record acceptable and approved by the District’s insurance company.
Registration as a California Professional Engineer is a plus.

Work Environment

Compensation: Annual salary is up to $115,000 depending on experience
Benefits include: Health, Dental, & Vision - District pays 100% for its employees and contributes for employee’s dependents
Life and long-term disability plan
Sick Leave/Vacation in the first year of employment
Defined contribution retirement plan
District vehicle options available
To apply: Qualified candidates please submit your cover letter and complete resume by March 19, 2018 to careerrecruiter@employers.org. Upon receipt of your complete resume and cover letter, we will contact those qualified candidates to proceed in the interview process.

Search Firm Representatives, please read carefully: CEA is not seeking assistance or accepting unsolicited resumes from search firms for this employment opportunity.
To All Undergrads,

The Cal Poly Water and Energy Sustainability Training Team (WESTT) is currently accepting applications for their Spring 2018 research program. This is an incredible opportunity to be a part of cutting edge research related to water and wastewater treatment, algae production, algae biofuels. For more information about this program and our goals visit our [google plus page](#).

Besides improving your resume and learning valuable analytical and laboratory techniques, 400 level units are available. Many of the skills learned through this experience are usually associated with graduate level research and will give you a head start in the field upon graduation.

If you are interested in applying to this program for the upcoming quarter please fill out the application [HERE](#). Please submit your application no later than March 21, 2018.

Best Regards,
Your Cal Poly Water and Energy Sustainability Training Team
Dr. Tryg Lundquist, Dr. Corinne Lehr and Shelley Blackwell
Rain for Rent is pleased to announce its 2018 Charles P. Lake/Rain for Rent Scholarship Program. We are pleased you will be participating with us in recognizing fifteen students this year. The 2017 Charles P. Lake/Rain for Rent Scholarship Program awarded $36,000 to 24 students through 13 different universities and organizations.

Please see the attached brochure and student letter regarding the 2018 Charles P. Lake/Rain for Rent Scholarship. Please distribute these documents to agriculture, engineering and construction management students. The letter includes the link to the scholarship information on our Rain for Rent website. Please note that the scholarship application form (attached) is not available on our website so it must be given to your applicants.

The students from your University may apply directly to our Scholarship Coordinator (scholarshipcoordinator@rainforrent.com) at Rain for Rent along with the student transcripts prior to April 30.
The Largest vertically integrated Pistachio and Almond grower and processor in the world wants aspirational and creative graduates for our exciting and challenging Wonderful Leadership Program

Wonderful Pistachios and Almonds (WP&A) is investing in its future leaders today! Previous Wonderful Leadership Program participants have succeeded in our program and are now well on their way to establishing a long-term career with WP&A, the largest agriculture company in the world. The Program consists of 4 six-month department rotations over 2 years (with the option to transfer after completion of the first year). Upon completion, WLP Trainees receive a $10,000 bonus and have significant growth opportunities in a position that best meets their career aspirations.

Benefits:
- $50-55K Salary Depending on Experience
- Comprehensive Benefits Package
- One-on-One Mentoring
- Specialized Leadership Training
- Philanthropy Programs
- Wellness Events & Activities
- On-Site Gym & Café

Areas of Opportunity to Build Skills:
- Operations
- Manufacturing
- Quality Assurance
- Production
- Grower Relations
- & Much More!
The Wonderful Leadership Program

2-year rotational program for recent college grads to learn new skills in a professional environment

- Completion of degree from 4-year college
  - Graduation within the last 12 month
- Majors specifically targeted
  - Packaging Engineering
  - Industrial and Manufacturing Engineering
  - Industrial Technology and Packaging

Preferred Qualifications

- Leadership experience
- Open to flexible schedules (including a night shift rotation)
- Verbal fluency in Spanish is desired, nut not required
- Problem solving skills
- Lean manufacturing
- Conflict Resolution/Active listening skills
- Mechanical skills
- Process improvement/continuous improvement
- Project management
- Critical thinkers
- Judgement and decision making

How to Apply

- Fill out application on www.wonderfulpistachiosandalmonds.com
- Copy of college transcript
- Visit one of our informational meetings or career fairs

Develop as a leader within a growing company that is always looking to evolve. Wonderful Pistachios and Almonds thrives on employee ideas and would love to invest in new talent like you!
Is there a faculty member who has been particularly exceptional as an advisor?

Nominate a faculty member who has demonstrated outstanding advising on coursework, career or graduate school planning, internship selection, senior project, or support services.

The Outstanding Faculty Advisor Award recognizes a faculty member who has had a positive influence on students through academic advising. The award recipient will receive a $2,000 cash stipend and will be recognized by the President at Fall Conference. In addition, her/his name will be posted on a perpetual plaque in the Kennedy Library. One faculty member is recognized annually.

Guidelines for submitting a nomination:

- Submissions are only accepted via: http://advising.calpoly.edu/content/nominate-faculty-advisor
- Faculty, staff, and current students are eligible to nominate faculty for this award.
- At least one submission for each nominee must come from a current student.
- No self-nominations will be accepted.
- Only individual submissions will be considered.
  If more than one person would like to nominate a faculty member, each person must submit a separate nomination statement.
- Submissions must include a statement of 300 words or less addressing the nominee’s academic advising services, activities and interactions, as distinct from the nominee’s teaching responsibilities.
- Any questions can be directed to advising@calpoly.edu

Nomination Deadline

Friday, March 16, 2018
Deployed Mechanical Engineer - Intern (Full Time)
FarmWise - San Francisco, CA

This position will be mostly be based in San Francisco, with monthly travel to Salinas and/or Santa Maria. Accommodation will be provided for Salinas and Santa Maria locations.

About the company:
The $17Bn US vegetable farming industry is facing great economic pressure coming from the growing demand for chemical-free food and the recent drop in farm labor supply. FarmWise is building adaptive autonomous robots to farm every plant, every day, for greater yield, better margins, and a healthier environment. Our first prototype is already weeding California’s farms by looking at and acting on each and every plant with a purely organic weeding process, thus providing farmers with a superior alternative to existing methods in the field. Our robots come packed with AI using recent advances in machine learning and computer vision for plant recognition.

Your responsibilities:
Farmwise is looking for a deployed hardware engineer intern to work on the first deployment cycle of its autonomous farming machine. You will split your time between i) working directly with the design engineering team to develop CAD features, models, and drawings and ii) a hands-on deployment responsibility (assisting with operating a 6000 pounds autonomous machine in agricultural fields, troubleshoot and report mechanical issues, and do real-time adjustments making sure deployment in the farms is a success).
Each month, you will be located in San Francisco for 3 weeks (design work and training) and in Salinas for 1 week (deployment) alternatively.

What Makes You Stand Out:
We get excited about self-starter and hard-working candidates who are:
- Working toward a BS or MS in Mechanical, Agricultural, or other applicable engineering fields.
- Experience with hydraulic and pneumatic systems.
- Hands-on experience troubleshooting and fixing mechanical equipment.
- Knowledge and experience in SolidWorks or similar CAD software.
- Experience designing, building, or working with robust agricultural or automotive equipment.
- Self-starter who enjoys working in a fast-paced startup environment.
- Excellent creative thinking and communication skills.

What You'll Get:
Working at FarmWise is much more than the benefits program. You will find here great work environment as well as exciting and stimulating engineering challenges. You will work on a state-of-the-art technology that we believe will change food production forever!

As part of our team you will:
- Evolve in a very fast-paced engineering environment with short development cycles.
- Gain knowledge of the Agricultural Automation industry.
- Be able to shape a revolutionary product in its early days.
- Get ideas, feedback, suggestions, and criticism from other best-in-their-field engineers.

Join us in our journey to improve farming with AI and automation, and to help farmers grow better and healthier food with constantly decreasing inputs!

Contact:
If you or someone you know is interested, please contact our CTO at thomas.palomares@farmwise.io
Hi EWB,

This week we have some fun stuff as always!

Meetings:

Monday- Tea Time, Sustainability Task Force, Project Team Meetings
Tuesday - IMPACT
Wednesday- Poverty Inc Potluck!!

Tea Time is a time to chat with the president and vice president about anything and everything. It’s basically open office hours and we’d love to see you! It’s every Monday (recent change) 11am-12pm. We will be in fishbowl 216-K on the 2nd floor of the lib. Look for our EWB shirts/boxes of tea!

Sustainability Task Force: Do you want to improve EWB? Sustainability Task Force (STF) is open to everyone and is a space to identify problems in EWB and collectively create solutions to improve our club. We want to ensure that our chapter is fulfilling its purpose of “equipping leaders to solve some of the world’s most pressing challenges” by working on projects related to socio, economic, cross-generational and environmental sustainability. Join our team Mondays 6-7pm in 26-104!!

Project Meetings are every Monday from 7:00-9:00pm! Feel free to try out different project teams and be sure to introduce yourselves to the PMs if you’re new to EWB!

Here are the team room locations:
Fiji: 14-249 (back to normal)
Local Projects: 26-123
Thailand: 186-C200
Nicaragua: 192-224
Malawi: 14-247

IMPACT: meets Tuesday 11-12pm in the library fishbowl 216Q. IMPACT, Engineers Without Borders’ volunteering team, works with nonprofits across SLO County to carry on the tradition of thinking globally and acting locally. IMPACT organizes volunteering events that unite EWB members and fellow Cal Poly students with local nonprofits dedicated to the community EWB Cal Poly knows and loves. We have our campus wide volunteering event at the end of quarter, come join our team to make it happen!

Poverty Inc Potluck: This Wednesday’s general meeting is a free movie showing of Poverty Inc, which is a must see! It’s potluck style, bring your friends and a comfy blanket! Wednesday March 7th @ 6pm, 26-104.

Announcements:

IMPACT this Weekend!

Sign ups for IMPACT weekend are open!! On March 9-11, join your fellow EWers and other Cal Poly students for a weekend of awesome volunteering in and around SLO. To view a complete list of nonprofits and sign up for your favorites, fill out this form. Please email ewbimpact@gmail.com with any questions!