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Four student representatives from the department were selected to attend the Agriculture Future of America Leaders Conference in Kansas City.

Members of the Quarter Scale Tractor Team at Farm City Nights!

Pictured from Left to Right are: Kevin Mone, Toby Tonascia, Kent Norman, and Austin Jones
**BRAE Students in Action!**

**Agricultural Future of America**

Cal Poly is known for the “Learn By Doing” philosophy, pushing its students to become involved not only in the classroom but also in varying professional organizations. The College of Agriculture, Food and Environmental Sciences strive to have every single student involved in the agriculture industry in some facet. From coast to coast, the Agriculture Future of America leadership conference is the premiere personal and professional development programs to college students and young professionals in agriculture.

Four undergraduates represented the BioResource and Agricultural Department in Kansas City, Missouri for the annual AFA leadership conference. Students, Kevin Mone, Toby Tonascia, Kent Norman, and Austin Jones, attended the three-day event covering topics about Agricultural leadership and the future of the Food and Fiber industry.

“AFA is an invaluable resource for making connections with professionals in industry and other future industry leaders like ourselves. I learned a lot from the professional development work-shops on how to prepare for entering the agricultural industry, and their in-depth look on current industry trends is unparalleled,” Tonascia said.

The event also included a networking Opportunity Fair with over seventy industry professionals. Companies ranging from Dow AgriScience to John Deere and Tyson Foods were in attendance looking to fill future leadership roles for the betterment of the agricultural industry.

Tonascia highly recommends all Cal Poly agricultural students apply to attend the event in future years along with other AFA opportunities. For more information regarding AFA events visit their website at www.agfuture.org.

Applications for the AFA Technology Institute from March 2-4, 2017 are due December 2, 2016. Contact AFA Campus Ambassador Sarah Dreyer at sedreyer@calpoly.edu

**ASM: What a major!**

Agricultural Systems Management (ASM) is a major at Cal Poly combining the hands-on experiences in agricultural technology with practical training in business and agricultural management.

Freshman Mariya Avtanska is one of many students interested in transferring to the ASM major once arriving to San Luis Obispo. Avtanska, originally from Bulgaria, moved to San Jose, California when she was just over two years old. Growing up in “suburbia” without any first hand agricultural experience, she applied to Cal Poly with the goal of becoming involved in production agriculture.

Avtanska was accepted to the College of Agriculture Food and Environmental Sciences under the Agricultural Sciences major. Avtanska said she applied under Agricultural Sciences because it “gets into a little bit of everything in agriculture allowing me to explore and find the perfect niche I was looking for.” That niche just happened to be dovetail with ASM.

“I always wanted to go into large scale farm or ranch management while also working with operations and equipment. No other major seems to fit so perfectly to my desires.” Avtanska plans to initiate the major transfer in the winter of 2017.

Pictured: Freshman Mariya Avtanska
# November and December Calendar

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### FINALS WEEK
The AFA Technology Institute brings talented college men and women together for a three-day program. The itinerary will provide interaction between students and technology sector leaders; expose students to area businesses; and include discussion and training to enhance student career preparation.

Key Points:
- In Conjunction with the Commodity Classic
- Location depends on the location of Commodity Classic every year
- Learn about emerging technology in the agriculture industry
- Network with industry leaders and other students with same passions
- Round table discussion about current trends of agriculture
- Executive Panel discussions about use of technology in current operations

How to Apply:
If interested visit agfuture.org and create a profile. The applications can be found under the Student Tab, Leader Institutes and then on the right side there is a red colored Apply Now button that will lead you to the application. Applications are due December 2nd by 10pm PST. To apply students must be pursuing a 4-year degree with intentions of entering the workforce in an agriculture related profession.

Registration, Hotel Accommodations and Meals are all handled by AFA Partners if selected to attend the Institute.

What you will gain at AFA:
- Skills to better your leadership and prepare you to enter the professional world
- Create many new connections of industry leaders, company executives and other students passionate about agriculture
- Every student leaves with the AFA High where you return back to campus reenergize and excited to work towards your goals
- Gain a refreshing perspective of other views and regions of agricultural practices
- Technology Institute focuses on the use of technology to better help the agriculturalist produce their crops and meet the desired yields.

If any other questions please contact your AFA Campus Ambassador Sarah Dreyer at sedreyer@calpoly.edu
Northrop Grumman invites you to an exclusive screening of Into the Unknown

Following the screening there will be Q&A with James Webb Telescope Expert, Amy Lo.

Date: December 1st, 2016
Time: 11PM - 1PM
Location: Advanced Technology Lab (Building 7)

Lunch Provided!
Announcements

Thanks to all who came out to the EWB Olympics this last Sunday! We hope you enjoyed the games.

Here are the team results!
1. Malawi: 200 points
2. Nicaragua: 150 points
3. Thailand: 150 points
4. Local Projects: 75 points
5. India: 25 points

For New Members

Stay in the loop by joining our email list on our website and our Facebook group! Membership costs $20 for freshmen and $25 for everyone else. You get this year’s awesome t-shirt! We are also selling EWB tank tops for $15 and hats for $20!

Have more questions? Check out our EWB FAQ’s!

Check out our google calendar here!

1. The Sustainability Task Force is a new group seeking to enhance Cal Poly’s EWB Chapter. Through working on projects related to social, economic, cross-generational and environmental sustainability, we want to ensure that our chapter is fulfilling its purpose of “equipping leaders to solve some of the world’s most pressing challenges”. The STF meets in B22-314 (English Building) from 6-7 PM every Monday.

Project Meetings are every Monday 7pm!
Here are the team room locations:
   2-204 - Nicaragua
   20-140 - Thailand
   186-c101 - Malawi
   186-c201 - India
   186-c300 - Local Projects

IMPACT meets every Tuesday at 6:30 pm at one of the Library 2nd floor fishbowls. Come by if you want to make a difference locally by volunteering in SLO!

3. EWB Tea Time is every Friday 11-1pm at the 2nd floor of the Library facing the front, near the bookshelves. Come chat and enjoy some tea with President Dan and VP Beth!

Interested in studying abroad? Take a class with Professor Karen Bangs from Industrial and Manufacturing Engineering (IME), in Bilbao, Spain during July of 2017. Karen will be teaching an Operations Management course (Quality Management, Lean Systems, Product & Service Design, Project Management and a few other topics). This course can fulfill a technical elective requirement for you (if you’re ME with general & MfgE concentration, MATE, ENVE, BMED, GENE, COB-IT, MfgE). Contact Karen at krbangs@calpoly.edu, or stop by her office in 192-229. You can also visit Cal Poly International Programs on-line or at their office (http://abroad.calpoly.edu/ or 38-145). Check out the flyers here and here.
To All Undergrads,

The Cal Poly Water and Energy Sustainability Training Team (WESTT) is currently accepting applications for their Winter 2017 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 and anaerobic digestion. For more information about this program and our goals visit our [google plus page](http://www.brae.calpoly.edu/students/employment).

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 fill out the application [HERE](http://www.brae.calpoly.edu/students/employment). Please submit your application no later than December 6, 2016.

Interested in having a job after graduation? The beautiful state of Idaho may be the place for you!

With job opportunities ranging from Engineers to Analysts, the Idaho Department of Environmental Quality is looking for YOU.

Check it out and apply!

Would you prefer to stay local?

The Water Resources Institute has partnered with the CSU system with internship opportunities for you!

Check it out and apply!

For More Great Opportunities Check Out:

[http://www.brae.calpoly.edu/students/employment](http://www.brae.calpoly.edu/students/employment)