



**Spring 2014  
Important Dates**

**April**

**8-** Senior fall registration begins

**11-** Junior fall registration begins

**18-** Sophomore fall registration begins

**25-** Freshman fall registration begins

**Remember: Registration times are assigned by the number of credits you have completed.**

**May**

**9-** Last day of spring classes Last day to request a University Withdrawal

**12-16-** Final Exams

**16-17-** Commencement Ceremonies

**21-** Spring grades available on RamWeb

**26-** University Holiday University closed

**To learn more** about what faculty, staff, and students in the Department of Biology are up to, check out our website: <http://www.biology.colostate.edu/>.

**NEW THIS SEMESTER -  
EXTENDED WALK-IN HOURS**

**Thursdays  
from 1-3pm**

Thursday, April 3

Thursday, April 10

Thursday, April 17

Thursday, April 24

Thursday, May 1

Registration season is a busy time for everyone. We have opened up these extended walk-in hours in order to serve more students with registration questions/concerns.

Walk-ins are still held every Wednesday from 9-11am and 1-3pm.

**Features In This Month's Newsletter!**

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**THE ACADEMIC SUPPORT CENTER IS ON FACEBOOK AND TWITTER!**

Like us on Facebook and follow us on Twitter and get daily updates about advising, policy changes, registration and more!

Like us on Facebook: <https://www.facebook.com/pages/Colorado-State-Biology-Academic-Support-Center/291242517619899>

Follow us on Twitter: [@CSUBioAdvising](https://twitter.com/CSUBioAdvising)



## ARE YOU READY TO REGISTER FOR FALL CLASSES?

To discuss your fall schedule, please meet with your Academic Support Coordinator.

There are lots of ways to connect with us as registration begins. You can:

**Schedule an appointment at**

<http://www.biology.colostate.edu/undergraduates/advising/>

**Come to Walk-ins on Wednesdays from 9-11am or 1-3pm**

**Come to new extended Walk-ins on Thursdays from 1-3pm until May 1st!**

While we are here to offer our guidance, support, and advice, it is important that you come to our offices prepared with courses you want to take this fall. Also, remember to check RamWeb for your registration date. This is easily found under "Registration" and "Registration Access Date/Time." There is also a "Registration FAQ" that is helpful if you run into questions/problems as you register.

Senior Registration Begins April 8

Sophomore Registration Begins April 18

Junior Registration Begins April 11

Freshman Registration Begins April 25

## CAREER CONNECTIONS



Register for this event here:

<http://www.career.colostate.edu/Students/FairsAndEvents/Default.aspx#/?i=1>

### Careers with Critters

April 3

5:30 pm  
LSC Rm 228

Interested in working  
with animals?

Hear from members of the community  
who care for animals large and  
small. Network and mingle with  
others who have a passion for  
caring for critters.



Colorado  
State  
University

[www.career.colostate.edu](http://www.career.colostate.edu)



April 3, 12:30 pm TILT room 105 – Job and Internship Search Workshop

April 4 – all day – Health and Wellness Industry Tour (details on page 3)

\*RSVP and registration required through Career Center homepage

April 7 12:15 pm TILT room 105 – resume and cover letter workshop

April 9 4:30-7:30pm Job and Internship Fair

April 15 12:00 pm LSC 224-226 – Mock Interview Workshop

YOUR CAREER →

# More Career Connections...

Check out **CareerRam** for some awesome internship opportunities abroad: <http://www.career.colostate.edu/careerram.aspx>



- African Wildlife Conservation
- Marine Conservation
- Great White Shark Conservation
- Wildlife & Adventure Photography
- Travel Writing
- And more...



## RESUME RUSH

BRING A COPY OF YOUR RESUME

HAVE YOUR RESUME CRITQUED BY CAREER EXPERTS



APRIL 8

10:00 AM - 3:00 PM

LSC, VIRGINIA DALE ROOM



JOIN THE DISCUSSION

Colorado State University

**Judy Brobst**, the Career Center Liaison for the College of Natural Sciences, can assist you with all aspects of your career development! Services offered: Internships & volunteer experiences, resume development, choosing/changing majors, graduate school, on-line assessments, job search skills, etc.

**To set up an appointment call 970-491-5707.**

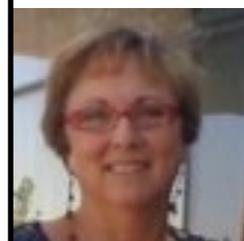
## Public Health Career Panels Wednesday, April 9, 2014

Career Panel 1 - Virginia Dale Room LSC  
9:30am to 11:00am

- ◆ Marisa Bunning – Food Safety Extension Specialist, CSU Extension, Food Science and Human Nutrition
- ◆ Danielle Buttke – Public Health Officer, National Park Service
- ◆ Tolani Francisco – Epidemiologist, USDA, Animal and Plant Health Inspection Service, Veterinary Service
- ◆ Ashley Friedrich – (CSU MPH Alumni - Epidemiology) Infection Preventionist, Banner Health
- ◆ Kelly Olmsted – Maternal and Child Health Epidemiologist, Wyoming Department of Health
- ◆ Sue Partridge – Assistant Director for Policy and Communication, CDC, Division of Vector-Borne Diseases

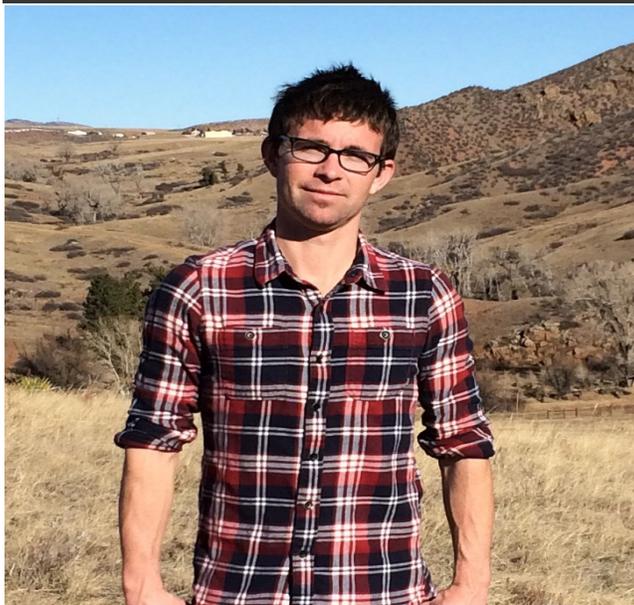
Career Panel 2 - Virginia Dale Room LSC  
12:00pm to 1:30pm

- ◆ Kimberly Barman – Coordinator, Can-Do
- ◆ Christy Bush – Community Health Improvement Project Manager, Larimer County Department of Health and Environment
- ◆ Sue Hewitt – Program Evaluator, Health District of Northern Larimer County
- ◆ Kristin Kirkpatrick – Chief of Wellness Planning, Bellisimo; Volunteer Planning Commissioner, City of Fort Collins
- ◆ Jane Viste – Public Information Officer, Larimer County Department of Health & Environment



# Meet Tai Montgomery

## The Biology Department's Newest Faculty Member



***What attracted you to CSU and CO? What has been the best experience you've had here thus far?***

I've lived my whole life on either coast so moving to Colorado and living so far from the ocean was a little scary at first. But I think the mountains make up for the lack of surf. I was attracted to CSU, in part, because of the quality of life in Fort Collins. I also think that CSU is in a unique position to become a leader in the life sciences and as faculty, staff, and students we can have a real impact on CSU's future; an opportunity we might not have at other institutions. Best experience in Colorado so far – Steamboat.

***Tell us a little about your background and how you became interested in Biology.***

I was turned on to botany and ecology as a teenager growing up in Oregon. I did my undergraduate degree in botany and I had a lot of great opportunities to work out in the woods during the summers. After graduating, I worked as a technician in a plant biology lab and discovered how fun molecular biology could be, so I basically traded in my hand lens for a pipet. Actually, I still have my hand lens and I'm excited to learn about the local flora here in Colorado.

***What are your research interests?***

Our lab studies how tiny RNA molecules called microRNAs regulate gene expression. MicroRNAs bind to Argonaute proteins and program them to seek out and silence target genes. These little regulatory molecules are essential for proper development in plants and animals and they also have important roles in diseases, such as cancer. Most of our experiments are done in a microscopic worm called *C. elegans*, the model organism in which microRNAs were first discovered. Worms have many of the same genes as you and me, so our discoveries in worms can have important implications in our understanding of development and disease in humans.

***Do you plan on including undergraduates in your research and will you be looking to add any undergraduates in your lab in the near future?***

I've always relied pretty heavily on undergraduate research assistants and I'm sure I'll continue to do so here at CSU. If students are interested in working in the lab, I would encourage them to look me up on the department website where they can also find out more about our research. Or they can check us out on Facebook, just search for Montgomery Lab. My lab is currently being renovated but it should be open for business sometime in April.

## New Faculty, continued...

### *What courses will you be teaching?*

I'm developing a course in bioinformatics and genomics for fall term. The course will provide an introduction to bioinformatics tools, genomics resources, and high-throughput sequencing methods. We'll also explore the human genome and current issues in genomics and medicine. Anyone with a basic understanding of DNA, RNA, and proteins is welcome to enroll.

### *Tell us a fun fact about yourself!*

Every now and then I dust off my old skateboard so you might spot me at one of the local skate parks.

### *What's your best advice for undergraduates in our department?*

Keep an open mind. You might think you want to be a doctor or a veterinarian but after working in a lab you could decide you want to be a biochemist instead. Or maybe you'll get a summer job doing fieldwork and decide you want to be an ecologist. If you find something that you really enjoy you'll be a lot happier and ultimately more successful, so expose yourself to as many different experiences as you can.

### TILT Academic & Study Skills Workshops

#### April 7, 8, & 10—Critical Thinking

\*How to dissect and think through information on a deeper level

#### April 14, 15, & 17—Memory & Concentration

\*Information-recall strategies and how to enhance your ability to focus

#### April 21, 22, & 24—Overcoming Procrastination

\*Understand why you procrastinate and how to change those habits

#### April 29—Should I go to Graduate School?

\*Learn what to consider in deciding if graduate school is right for you

### Come join the Biology Club!

You will fit right in with the diverse and interactive group of students who share a passion for the sciences. We put together numerous club activities, volunteering throughout the community, and much more.

**Meetings are biweekly on Wednesdays at 5:30pm in Yates 306** with major events generally on the weekends. If you would like to join or would like more information, please email: [biologlyclubcsu@gmail.com](mailto:biologlyclubcsu@gmail.com).

**Hope to see you at the next meeting coming up April 2nd!**

### TILT—The Institute for Learning and Teaching

Arts and Sciences Tutoring Schedule:

<http://tilt.colostate.edu/learning/tutoring/PDFs/tutorSched14sp.pdf>

Study Group Schedule:

[http://tilt.colostate.edu/learning/tutoring/PDFs/SG\\_scheduleSP\\_14\\_feb11.pdf](http://tilt.colostate.edu/learning/tutoring/PDFs/SG_scheduleSP_14_feb11.pdf)

Academic Skills Workshop Schedule:

<http://tilt.colostate.edu/learning/skills/PDFs/skillsSched14sp.pdf>

# FULLY FUNDED DEPARTMENT OF ENERGY BIOFUELS RESEARCH INTERNSHIP



## Position Description

The overall project objective is to utilize marine microalgae for biofuels production (i.e., lipids for bio-diesel or jet biofuel). The student will set up a series of photobioreactors for the cultivation of marine microalgae. This will involve preparing sterile medium using the autoclave, inoculating the photobioreactors and monitoring the biomass concentration, measured as optical density using a spectrophotometer and as dry weight using an oven and balance, as a function of time. At specified time intervals, samples will also be taken for lipid extraction by solvents and analysis by gravimetry and gas chromatography. Throughout the experiment, the light intensity, pH, nitrate concentration, and temperature of the cultures will be monitored. We will also carry out culture experiments in small LED-lighted and temperature-controlled pilot-scale ponds (1000 liters each) located next to Sequim Bay, Washington, for clean seawater access. All data will be analyzed using Excel spreadsheet software and a final report will be written for the Department of Energy. The position is located in Sequim, WA. The internship begins in mid-September and lasts 16 weeks. The stipend is \$500 per week. Housing allowance and travel reimbursement are provided.

## Required Qualifications

The applicant must be a junior, senior, or recent graduate (BS/BA within 1 year) with a background in microbiology, chemistry, biochemistry, or biochemical/chemical engineering. The applicant must have basic laboratory skills and must have successfully completed laboratory course work. US citizenship or Permanent Resident status is required. The applicants' resume should include the GPA, a list of laboratory courses, and a brief (<150 words) essay explaining their interest in this position.



Please email your application no later than April 4, 2014, to Dr. Michael Huesemann, [michael.huesemann@pnnl.gov](mailto:michael.huesemann@pnnl.gov).

(The photo shows the location of the lab in Sequim, WA)

## Planning to apply to a health profession graduate program this year?

Everything you ever wanted to know about writing application essays and personal statements!

Save the Date:

Monday, April 14th 1:00 - 2:00 pm  
Military Science 105

or

Monday, April 28th 5:00 - 6:00 pm  
Behavioral Sciences 103

\*You only need to attend one session; information is repeated

## HAVE YOU MET WITH YOUR HEALTH PROFESSIONS ADVISOR THIS SEMESTER?

Now is a great time to schedule an appointment to meet with your Health Professions Advisor.

Appointments are going fast as we approach registration.

Call the CASA front staff at **970-491-7095** and they will gladly set an appointment for you!



## **ATTENTION STUDENTS ON ACADEMIC PROBATION:**

*If you are on academic probation, you will need to get your advising code from an Academic Support Coordinator before you can register!*

**Probation I:** You are required to watch the Probation video, complete the Self-Assessment, and make an appointment with an advisor in March (before your registration date). Please email an advisor if you need the link to the video again. We would be happy to re-send it.

**Probation II:** Two appointments are required - one at the beginning of the semester, and one in March (before your registration date).

Our goal is to meet with every probation student to discuss your status, give you your advising code, plan for spring semester, and offer additional help/support for getting off of Academic Probation. Plan ahead - make your appointment now! We fill up quickly, and you will not be able to register without your advising code. Codes will not be given out during walk-in appointments, or over email - a full appointment must be made.

*To make an appointment with an ASC, please visit:*

<http://www.biology.colostate.edu/undergraduates/schedule-an-appointment/>