



### Important Dates

**12/8** - Last day to process a University Withdrawal through Ramweb.

**12/11-12/15** - Finals week!

**12/15-12/16** - Commencement ceremonies

See [commencement.colostate.edu](https://commencement.colostate.edu) for full schedule

**12/20** - Fall grades available on Ramweb

**12/22-12/27** - University closed

*Advisors will be in the office over winter break, so make an appointment by visiting [biology.colostate.edu](https://biology.colostate.edu) if you'd like to meet!*

Walk-in hours during finals week:

**Tuesday, 12/12 - 1:30-3pm**

**Wednesday, 12/13 - 1-3pm**

**Thursday, 12/14 - 1-3pm**

\*Walk-in hours are not held during winter break - they will resume during the first week of spring semester in January.

### Graduating this December?



Visit <https://www.natsci.colostate.edu/graduation/>  
For full details on the CNS Commencement Ceremony

### Graduating in May?

If you are graduating in May 2018, you will receive an email from the Registrar's Office within the first few weeks of spring semester, encouraging you to review your graduation contract through Ramweb. Your grad contract outlines remaining requirements for degree completion so reviewing it is an important step to making sure you're ready to graduate.

***Graduation contracts are now fully electronic so no need to see an advisor to sign your contract.***

### Want to learn more about commencement?

To learn more about May 2018 commencement, as well as how to order your cap and gown, visit the CNS website listed above during the spring semester.

Page 2 ... Evolutionary Medicine course for spring 2018

Page 3-4 ... Research opportunities

Page 5-7 ... Scholarship info!!!

Page 8-9 ... MCAT & Wilderness Medicine Program

# Evolutionary Medicine (BZ 420): Spring 2018

Instructors: Dhruba Naug and Michael Antolin

Why do we get sick? Why do humans respond inappropriately to so many modern conditions?

Why do we use more and more antibiotics and vaccines? Why do we get cancer? And why must we grow old?

If such questions pique your interest, this is the class for you.

Using ideas from evolutionary genetics, behavioral ecology, and evolutionary microbiology, this course will discuss how evolutionary thinking gives new perspectives into human health and shows how such thinking is essential for the medical sciences. Drawing on medically relevant research, we will discuss the origins of various diseases and degenerative conditions and new approaches to treating them.

**WE WILL OVERRIDE THE PREREQUISITE COURSE BZ 220, "INTRODUCTION TO EVOLUTION" FOR INTERESTED JUNIORS AND SENIORS!**

## READING:

Evolutionary Medicine, by Stephen C. Stearns and Ruslan Medzhitov.

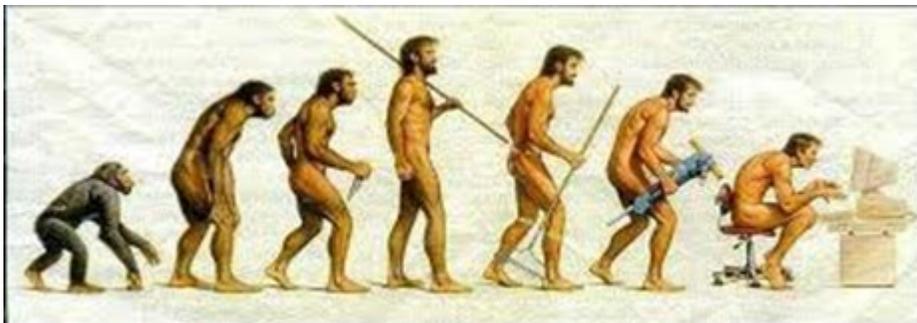
Sinauer Associates, 306 pages (2016).

Additional original articles from the peer-reviewed literature.

Credits: 3

Meeting time: TR 9:30-10:45, Biology Room 133

No matter how you look at it,



**Somewhere, something went terribly wrong**

## Research Experience for Undergrads (REU)

Now is a great time to start exploring REU programs. REU Site programs are opportunities for undergraduates to gain research experience and are funded by The National Science Foundation. An REU Site consists of a group of undergraduates who work in the research programs of the various host institutions around the country. Each student works on a specific research project, where they work in partnership with faculty and other researchers. Students are also granted stipends and, in some cases, assistance with housing and travel. Application deadlines for most programs are throughout the month of January.

Visit [https://www.nsf.gov/crssprgm/reu/list\\_result.jsp?unitid=5047](https://www.nsf.gov/crssprgm/reu/list_result.jsp?unitid=5047) to search for REUs in biological sciences.

The CSU Career Center also has a useful site for searching for REUs: <https://people.rit.edu/gtfsbi/Symp/summer.htm>

Get out there and gain experience in the field!

## Research & Work Opportunity

Receive training and hands-on collaborative conservation work as part of a professional interdisciplinary team! CSU's Center for Collaborative Conservation (CCC) is looking for motivated undergraduates to be team members for our Fellowship Program.

### Benefits:

- A potential stipend
- Opportunities to travel
- Professional experience working in collaborative conservation
- Can be part of a senior project, an internship requirement, or independent study credit

### Requirements:

- One year commitment to the team you are chosen by
- Fellows Retreat in Fort Collins on Feb. 14-16 (we can work around your classes)
- 3 blog posts for the CCC



### More Information:

[CollaborativeConservation.org/undergrad](http://CollaborativeConservation.org/undergrad)

To apply, send a resume and cover letter by **December 1st** to

Kim Skyelander at [kim.skyelander@colostate.edu](mailto:kim.skyelander@colostate.edu)



THE DORIS DUKE  
Conservation Scholars Program  
AT THE UNIVERSITY OF WASHINGTON



Is protecting the **natural world** your job? *Could it be?*



Don't be part of the problem.  
*Become the solution.*

**Explore** interrelationships among lands, waters and communities of the Pacific Northwest

**Connect** conservation to cultural identity, biodiversity and environmental justice

**Engage** in conservation across climate, water, food and ecosystems

- All expenses paid, plus stipend
- 8 weeks
- mid-June through early August

Learn more and apply at:  
[uwconservationscholars.org](http://uwconservationscholars.org)

[ddcsp@uw.edu](mailto:ddcsp@uw.edu)



**W** COLLEGE OF THE ENVIRONMENT  
UNIVERSITY of WASHINGTON

Photos: Mattin Miller, Benjamin Drummond

# The CSU Scholarship Application (CSUSA) opens today!

The [CSU Scholarship Application \(CSUSA\)](#) opens on December 1<sup>st</sup>. Your application and all supporting electronic documentation (including letter(s) of recommendation) must be submitted by **March 1<sup>st</sup>** to be considered for scholarships.

The CSUSA is available at [ramweb.colostate.edu](http://ramweb.colostate.edu).

**Please complete the General and Conditional Applications to be considered for university, college, and department scholarships.**

We encourage you to start the application process **EARLY**, so you may complete the applications over a few days *AND* provide time for your letter writer(s) to submit letter(s) of recommendation.

Remember – the FAFSA is required for any need-based scholarships and should be submitted by **February 15**.

For more information on the process and available scholarships, please visit <http://www.natsci.colostate.edu/scholarships/>. Please direct any questions to [CNS\\_Scholarships@mail.colostate.edu](mailto:CNS_Scholarships@mail.colostate.edu) or (928) 491-1948.

**Best of luck on your scholarship application!**

**Scholarship application season is here so please pay attention to the following pages for more opportunities!**



A Need-and-Merit Based Scholarship to Complete Your Degree  
CONTINUING (1ST Year) STUDENTS

#### What is the Reisher Scholars Program?

The Reisher Scholars Program awards scholarships to Colorado students based upon demonstrated financial need & academic merit. The program seeks to help promising Colorado students earn their undergraduate degrees without incurring additional educational debt. The Reisher Scholars Program is unique in that it focuses on rising college sophomores & transfer students from community colleges who have already demonstrated academic & leadership potential as undergraduates.

#### How much is the Reisher Scholarship award?

Scholarship amounts meet individual need, ranging from \$4,000 to \$11,000, as determined by Office of Financial Aid. Continuing Scholars receive their scholarship for 3 years as long as eligibility is maintained.

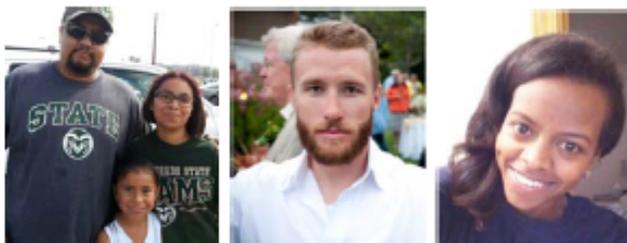
#### Who is eligible to apply?

- Colorado Resident at time application is submitted
- Current CSU first-year student who will be a "sophomore" with 24 - 45 completed credits by Fall 2018
- Enrolled as a full-time student with an expected graduation within 3 years of being selected as a Reisher Scholar
- Have and will maintain a cumulative 3.0 GPA or higher
- Demonstrate financial need ranging from \$4,000 to \$11,000, as determined by Office of Financial Aid
- File the Free Application for Federal Student Aid (FAFSA) by March 1, 2018

#### How do I apply?

- Attend an information session. *\*See website for details.*
- A complete application for the Reisher scholarship must be submitted at [colostate.academicworks.com](http://colostate.academicworks.com) by February 1, 2018 at 11:59 p.m.

For more information, visit the Collaborative for Student Achievement at [studentachievement.colostate.edu](http://studentachievement.colostate.edu) or contact Kate Wormus at (970) 491-7095 or [Katharine.Wormus@colostate.edu](mailto:Katharine.Wormus@colostate.edu).



Colorado State University



#### What is the Puksta Scholars Program?

The CSU Puksta Scholars Program is developed out of the Puksta Foundation, a non-profit organization that provides scholarships, mentorship, & experiential community engagement training for undergraduate Colorado students. Scholars participate in a rigorous & rewarding 4-year program designed to equip students with the knowledge, skills, & experiences necessary to become catalysts for lasting positive change in the community.

Scholars who exhibit a strong commitment to service & civic responsibility are selected to join the Puksta Scholar Program. Each Scholar develops a social change project to address the root cause of an issue or need in the community. Puksta Scholars have worked on issues such as access to education, health care & poverty in developing countries, & supporting the homeless population.

#### How much is the Puksta Scholarship award?

Each Scholar receives \$5,000 per year for up to 4 years as long as eligibility is maintained.

#### Who is eligible to apply?

- Current first-year CSU student participating in the Key Communities, SLiCE Programs, and/or equivalent university leadership development program
- Colorado resident at time application is submitted for tuition classification purposes or can be classified as an in state student for tuition purposes in accordance with the Colorado ASSET Bill, Senate Bill 13-033
- Have a CSU cumulative GPA of 2.0 or higher
- Demonstrate past & ongoing contributions to service and/or community engagement projects & activities
- File the Free Application for Federal Student Aid (FAFSA) by March 1, 2018 or CSU Institutional Aid Form (for ASSET students).

#### How do I apply?

- Attend an information session. *\*See website for details.*
- A complete application for the Puksta scholarship must be submitted at [colostate.academicworks.com](http://colostate.academicworks.com) by March 1, 2018 at 11:59 p.m.

For more information, visit the Collaborative for Student Achievement at [studentachievement.colostate.edu](http://studentachievement.colostate.edu) or contact Kate Wormus at (970) 491-7095 or [Katharine.Wormus@colostate.edu](mailto:Katharine.Wormus@colostate.edu).



Colorado State University

# TEACH STEM



# MAKE A DIFFERENCE



## NSF Robert Noyce Scholarship Program



The scholarship program is for students who:

- Have earned at least 60 credits
- Are majoring in a STEM field
- Have earned at least a GPA of 3.0 to be most competitive
- Would like to pursue a career in STEM teaching

Noyce scholars will receive:

- \$10,000 scholarship per year for both Junior and Senior years
- \$1,000 stipend per year for the first two years of teaching
- Mentoring and professional development supports



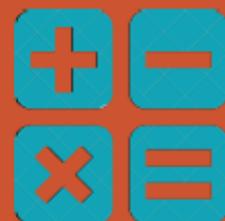
After graduation, Noyce scholars will:

- Teach 2 years in a high needs school district for every year of scholarship received
- Participate in mentoring and professional development activities

**APPLY ONLINE:** <http://cns.natsci.colostate.edu/noyce/>

**APPLICATION DUE:** March 9, 2018

**CONTACT:** [noyce\\_info@mail.colostate.edu](mailto:noyce_info@mail.colostate.edu)



College of Natural Sciences  
College of Health and Human Sciences  
College of Engineering  
College of Veterinary Medicine & Biomedical Sciences



Colorado State University

College of Natural Resources  
Center for Educator Preparation  
CNS Education & Outreach Center  
CSU STEM Center



# PLANNING ON TAKING THE MCAT?

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## CSU 2018 MCAT PREP COURSE

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*Registration opens soon! Seats on a first-come, first-served basis.*

Once again CSU will offer a MCAT Prep Course for students.

The course will provide a content review of the basic material covered on the MCAT.

**DETAILS:** January 18th through April 17th - Tuesdays and Thursdays - 5:00-8:30 pm

Classes will be held on campus. Content review of the material covered on the MCAT will be presented by experienced CSU faculty.

**COST:** \$750 for all classes and course materials.

**WHAT YOU GET:** A compilation of latest MCAT study guides from Exam Krackers, the latest edition of the Official Guide to the MCAT Exam published by the AAMC with practice tests and question packs authored by the same people who write the MCAT, and an opportunity to take a course on campus and study with fellow CSU students!

**REGISTRATION:** Registration opens soon. If you would like to join an interest list to be notified when registration opens, send an email to [advising\\_HP@mail.colostate.edu](mailto:advising_HP@mail.colostate.edu) with your name, email address and CSU student ID number.

*NOTE: This course does NOT count for credit and is not registered through RAMweb.*

**For more information, contact us at [advising\\_HP@mail.colostate.edu](mailto:advising_HP@mail.colostate.edu)**



Wilderness & Environmental Medicine  
UNIVERSITY OF COLORADO **ANSCHUTZ MEDICAL CAMPUS**

# March 2018 Pre-Health Emergency & Wilderness Medicine Program

Secure Online Event Registration

<https://www.coloradowm.org/courses/pre-med/colorado-emergency-wilderness-medicine/>

**Saturday, March 10, 2018 (3:00PM MST)  
to  
Sunday, March 18, 2018 (6:00PM MST)**

[For more information about this course, please go to the course webpage here.](#)

The University of Colorado School of Medicine 2018 Emergency & Wilderness Medicine Pre-Med Program is course designed for undergrad (and recent grads) pre-med and other health students.

**If you have any questions or concerns, please contact course coordinator, Breanna McKercher at [Breanna.McKercher@ucdenver.edu](mailto:Breanna.McKercher@ucdenver.edu) or 303-724-0127.**

Want to get outside of the generic pre-med track? Interested in emergency medicine, humanitarian relief work, wilderness medicine, or global health? Come explore the great outdoors and learn from physicians who work around the world. Build your resume, network, and your travelogue.

Taught by faculty of the University of Colorado School of Medicine, this class is an exciting, internship alike, hands-on introduction to emergency, wilderness, and global health medicine. In addition to gaining hands-on experience, students will have time to get to know successful medical school faculty/physicians, and get the inside scoop on the medical school application process and careers in medicine and health care.

