



SIERRA CLUB

The Sequoia

Join us May 26 for a Zoom Presentation: Aero Space Technologies for Disaster Recovery and Restoration

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2021 SIERRA CLUB FOUNDATION SCHOLARSHIP WINNERS
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On Wednesday, May 26th at 7pm, the Tuolumne Group will host Sierra Club Foundation scholarship winner Anthony Ramos in a Zoom session highlighting new emerging technologies and how they benefit the management and mitigation to the devastation of our natural resources.

Anthony's presentation will include his own experiences as a wildland firefighter, his role in the Community Emergency Response team and

Aerial System (drone) Task Force, as well as his current work with aerial infrared fire mapping, interpretation, and analysis with Courtney Aviation in Columbia.

Join us via Zoom on May 26th at 7pm for an inside look at the latest high tech aerial tools for battling and understanding wildland fire and other applications.

Email Karen Swanson at TuolumneGroupSecretary@gmail.com to request your personal Zoom invitation to this event.



Tactical aerial infrared photography is one essential tool of modern wildfire fighting. photo: Courtney Aviation

Tuolumne Group Sierra Club 2021 Scholarship Award Winners

Karen Swanson

Six students from Columbia College were awarded scholarships funded by the Sierra Club Foundation of \$500 each based on academic performance, personal interest, community involvement and plans to pursue a Bachelor's degree and careers in the environment and natural resources. We asked each of our awardees for an update on their academic pursuits.

**CONGRATULATIONS
TO ALL OF OUR
2021 SCHOLARSHIP
WINNERS!**



Olivia Hunter-McElroy

After receiving my B.S. degree, I plan to get hired as a firefighter medic with the National Park Service. I intend to work on geological and environmental studies in the national parks, as well as contribute to the parks' conservation efforts. I am passionate about preserving nature's beauty and resources for the generations to come. We only have one Earth and I'm driven to take responsibility in caring for it.



Cheyenne Lewis

Thank you for considering me once again for the Sierra Club Foundation Scholarship. I gratefully accept this offer and would like to give you an update on my academics. I have completed all my Natural Resource credits, and only have five classes left until I will complete my Forestry. Then I will

be applying to UC Davis hoping to be accepted into their amazing Environmental Science program. I could not have made it to this point without the help of the Tuolumne Group of Sierra Club. I am forever grateful for you and the many other scholarships and programs provided.



Olivia Natasha Mayo

My name is Natasha Mayo, and I am a second-year natural resource conservation and water resource management double major at Columbia College aspiring to further my education through obtaining a bachelor's degree in freshwater fish biology. Tuolumne County is my home, having been born and raised here my passion for the conservation and preservation of our native, endemic, and endangered fish species in the Sierra Nevada Mountains has fueled my desire to rehabilitate their natural habitats. I will be finishing my two associate degrees here at Columbia this fall and preparing to transfer to Humboldt next spring.

TAKING ACTION ON CLIMATE CHANGE

Local Climate Change Committee

It's exciting to see growing awareness and momentum around climate action. We see a variety of local, state and national efforts springing up, so our Tuolumne chapter has created a new Climate Action Committee. Watch for regular information from our committee as we identify points of coordination and promote ways for citizens to take action. You can reach us at: tuolumnesierraclimateaction@gmail.com.

Sierra Club 30 by 30 Interest Survey

The California Sierra Club has launched a 30 by 30 Task Force, and our chapter's Climate Action Committee will be participating and spreading the word about this effort. If you are eager to help power this campaign, please fill out the CA interest survey at: sc.org/CA30x30survey.

Tuolumne County Climate Action Plan

Tuolumne County is working on a new Climate Action Plan, and has held two community workshops. The next workshop will be held in late May. The county is also conducting an adaptation measures survey and soliciting comments to a proposed climate adaptation plan. We encourage all interested Sierra Club members to participate in the process. On the county website, you can ask to join future workshops and access all materials: www.tuolumnecounty.ca.gov/1332/Climate-Action-Plan.



Anthony White-Ramos

I am pleased to share with you some of my academic achievements. I am due to graduate this semester with a 3.8 GPA to obtain an AS in Water Resources Management. With a drive to carry my education further I have recently been accepted to Humboldt State University beginning this coming Fall semester. I am to major in Environmental Science & Management / Geospatial Science for my bachelor's degree.

Learning how to integrate modern technology with earth sciences, I feel my efforts can serve the greatest number for the greatest good. I'm passionate about utilizing remote sensing equipment from an aerial perspective to interpret multispectral analysis of forest health, moisture content in areas of critical concern, conservation efforts in better forest management practices, as well as disaster recovery mitigation.

I've also expanded my community involvement as acting crew leader for the Community Emergency Response Team's - sUAS Drone Taskforce, which offers emergency responders aid in search and rescue efforts as well as night operation infrared fire spotting. I'm proud to be involved in the frontline protection of our forests by offering firefighters the best chance to head off fires before they grow beyond control.



Maggie Sanchez

I have been a full-time student at Columbia College the past three years pursuing transfer degrees in both Biology and Chemistry. I hope to acquire a career in Biological/Environmental research that allows for work to be done in a lab as well as outdoors. Throughout my childhood, I watched each and every documentary film that had to do with our planet and how everything that has lived on it interacts uniquely. From those films, it has driven me to want to experience those places and animals for myself. Beyond that I want to learn and then share my findings with the rest of the world even in the smallest ways. One of the things I enjoy most about science is that the flora and fauna of Earth are always evolving.

Katherine Foust

I've been attending Columbia College as a full-time student for two years! I'm majoring in Geology because I wanted to incorporate my passion for the outdoors into my schooling and future career. It's been my lifelong dream to become a Park Ranger in one of our beautiful National Parks! Whenever I'm not busy with school or working, you'll find me with a backpack and my camera in Yosemite. In the fall of 2021, I will continue my education at Columbia College until I transfer to Humboldt State University in the fall of 2022. ■





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Due to COVID-19, the Tuolumne Group Executive Committee is currently only meeting by phone or with online sessions. For information on how to participate in the next ExCom call, contact Elaine Hagen at the email listed below.

Chair Jim Bearden, jbearden@ieee.org

Secretary-Treasurer

Karen Swanson, tuolumnegroupsecretary@gmail.com

Outings Keith & Beth Martin, keithwmartin@sbcglobal.net

Chapter Delegate Kevin Rice, kjrice@ucdavis.edu

Climate Action Chair Gisselle Bourns,
tuolumnesierraclimateaction@gmail.com

Webmaster Jim Bearden, jbearden@ieee.org

Membership Elaine Hagen, elainehagen@att.net

News Editor Joe David, jd@daviddesign.com

We welcome your input and feedback.

NOTES & UPDATES

WEDNESDAY, MAY 26, 7PM • NEW AERIAL-TECH PRESENTATION

Sierra Club Tuolumne Group will host a Zoom presentation by scholarship winner **Anthony Ramos** who will share his work with the latest aero-technology tools and how they are being used for disaster strategies and recovery. **Details on page 1.**

CONNECT WITH YOUR SIERRA CLUB TUOLUMNE GROUP

Want to get more involved with your local Sierra Club group? Interested in joining our Executive Committee? Have a great idea for a local Sierra Club presentation? There are many ways to volunteer for whatever time you are able to share. Interested members are invited to attend our monthly ExCom meetings. Email your ideas to Membership Chair, Elaine Hagen at elainehagen@att.net.

GET INVOLVED • TAKE ACTION

Today, years of hard-fought environmental protections are under threat—and to influence governments and businesses, we need everyone to speak up and shout out. Explore how you can get involved: go to www.sierraclub.org/take-action

RATHER RECEIVE THIS NEWSLETTER VIA EMAIL?

If you would like to receive this newsletter via email either instead of, or in addition to our printed edition, email your request to mail@sierratuolumne.org.

The Sequoia Newsletter is designed to provide local Sierra Club members with a trusted source of information on people, events, and issues impacting our environment. Members can also find additional information on our updated web page: www.sierratuolumne.org.

