



AAUW Fund Luncheon

October 24, 2020

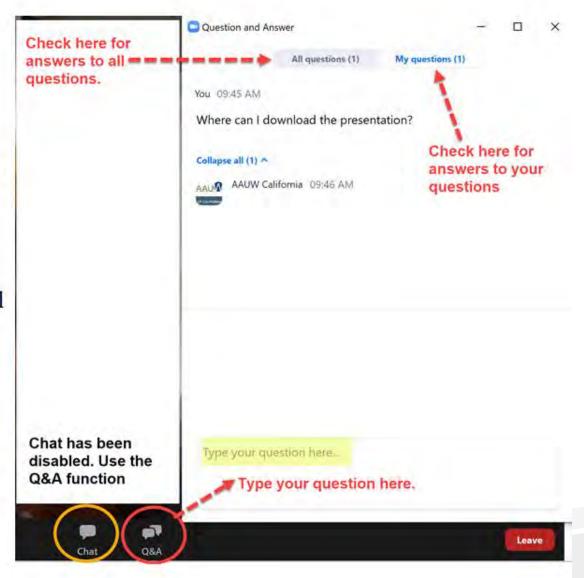


Presentation materials:

- Download the presentation from the AAUW California website home page.
- The meeting recording, a summary Q&A document and example documents will be posted following the meeting.

Questions:

- Use the Q&A function to pose a question. We'll stop periodically to answer general questions.
- Chat has been disabled.





Welcome and Introductions



Judy Cavin Brown Chair, AAUW California Fund Committee



Dianne OwensAAUW California President



Heather Miller
AAUW Advancement Director, Planned Giving





AAUW National Update



OUR PRIORITIES



Removing Bias from Education

Startling inequalities persist in American education. Gender, economics, race and ethnicity should not limit our opportunities.



Fighting for Fair Pay & Economic Equity

It's time to close the pay gap and for the work world to embrace diversity, equity and inclusion so we can all thrive.



Advancing Women in Leadership

Women make up more than half of college graduates and half of the labor force. But we're still not represented at the upper levels. We need equal representation.



Fundraising

How to Support AAUW's Mission

Thank you for promoting equity for women and girls by supporting AAUW's critical work! When supporting the following funds you give AAUW the ability to carry out it's bold, strategic vision for the future.



AAUW Greatest Needs Fund (9110)

Allows AAUW the flexibility to respond rapidly to new and emerging challenges facing women and girls and to utilize your gift where it's needed most. This fund ensures the strength, relevance, and viability of AAUW into the future.



Fundraising

How to Support AAUW's Mission



Education and Training Fund (4450)

Addresses the barriers and implicit biases that hinder the advancement of women by championing equal access to education and ensuring that education at every level is free from sex discrimination.

STEM Title IX Pathways to Jobs

Examples of programs include: Fellowships Alumnae Initiatives Fellowships and Grants Public Policy Research



Economic Security Fund (4449)

Ensures livelihoods for women through achieving pay equity for women, providing training in salary negotiation, and deepening women's retirement security and quality of life.

> Pay Equity Title VII Retirement Security

Examples of programs include: Start Smart Work Smart Work Smart Online Legal Advocacy Fund

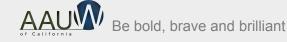


Leadership Fund (4452)

Supports the effort to close the gender gap in leadership opportunities by bolstering the participation of and increasing the number of girls and women in leadership roles, particularly in education and nonprofit organizations.

> Career Workplace Training

Examples of programs include: Campus Action Projects Empower NCCWSL







Thank you!

Heather Miller, Director of Advancement 202-785-7766





Becca Brunner



Project Name

Defining Acoustic Space Along Streams and Strata: Implications for Amphibian Conservation

UC Berkeley Ph.D., Wildlife Conservation

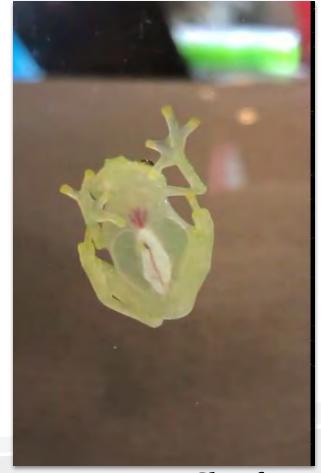






Frogs: Important & Incredible

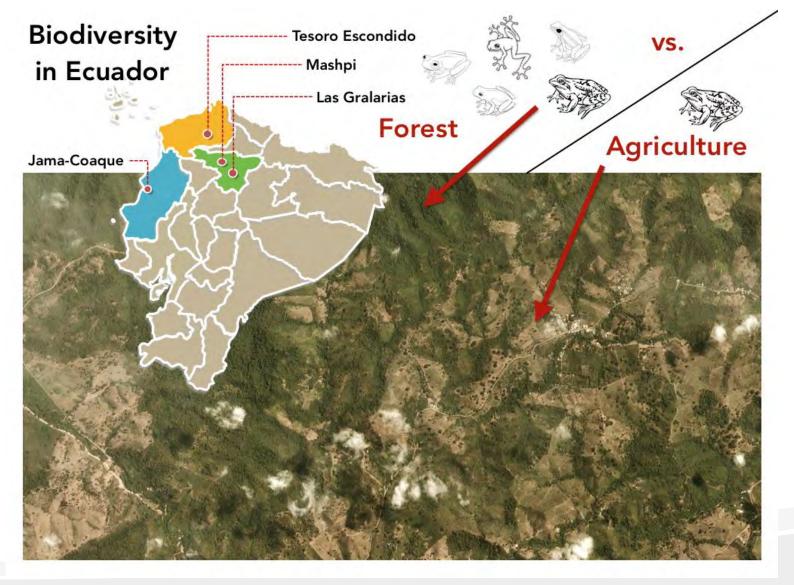




Glass frog







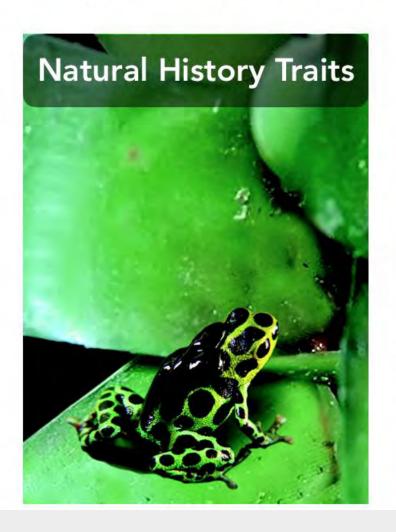


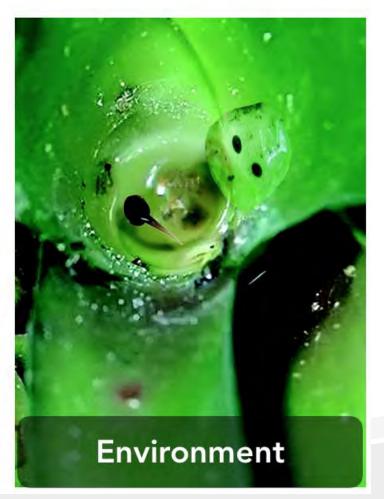
Be bold, brave and brilliant

11



Why are species found where they are?









Why are species found where they are?



Natural History

Body size
Breeding strategy
Coloration

Vocalizations

Phylogenetics Diet

Disease susceptibility
Dispersal ability



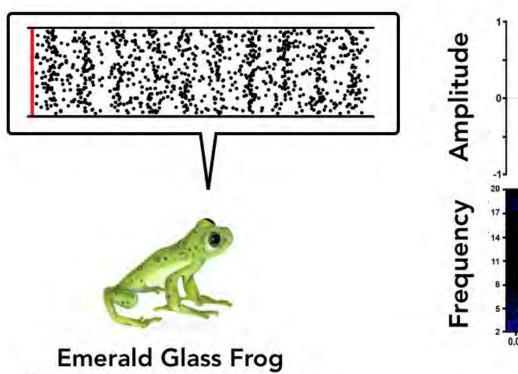
Environment

Temperature
Precipitation/Humidity
Wind speed
Canopy cover
Vegetation structure
Fragmentation severity
Slope/Elevation
Stream Type/Presence

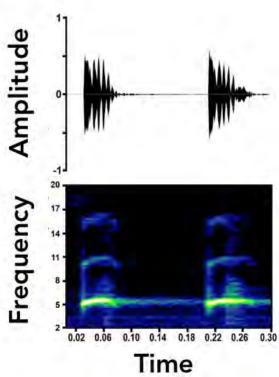




Males Call to Attract Females



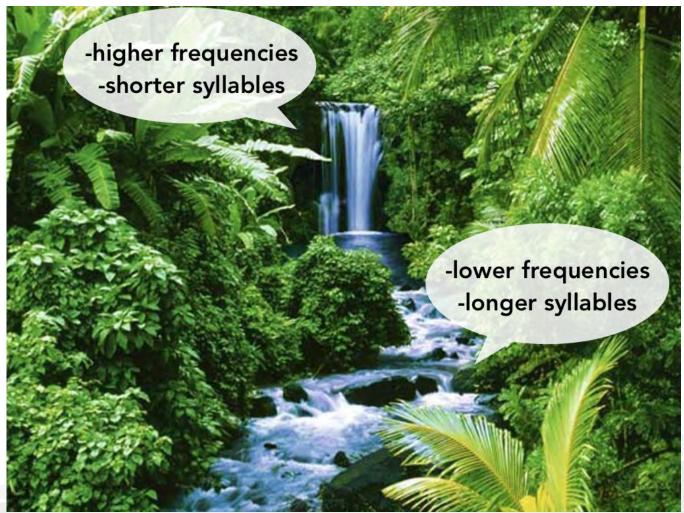
Emerald Glass Frog Espadarana prosoblepon

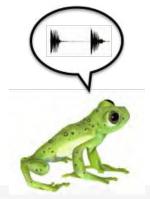






Stratification by Sound









Acoustic Space & Conservation



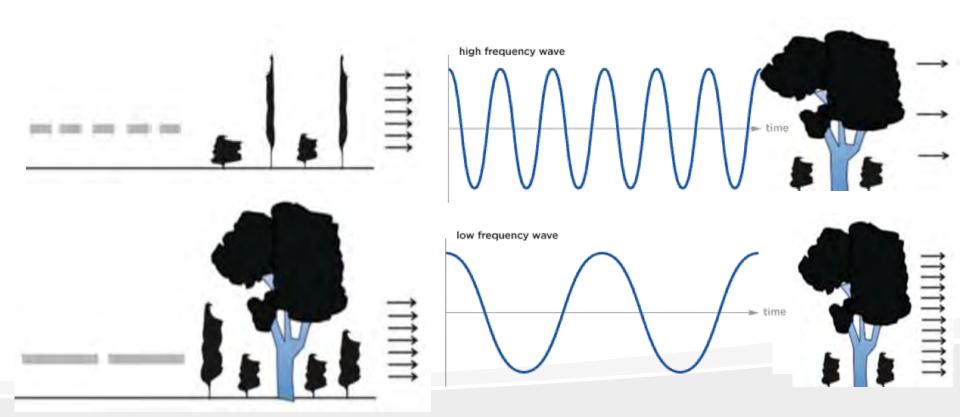




The Behavior of Sound

Short notes travel well in open environments & long notes travel well in dense vegetation

Higher frequencies attenuate (degrade) faster



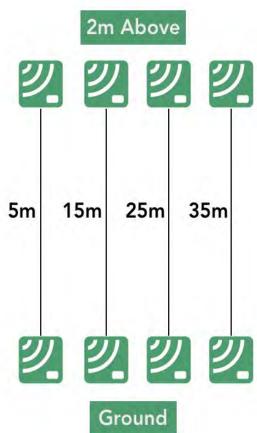


Becca Brunner

Experiment: define differences in acoustic space





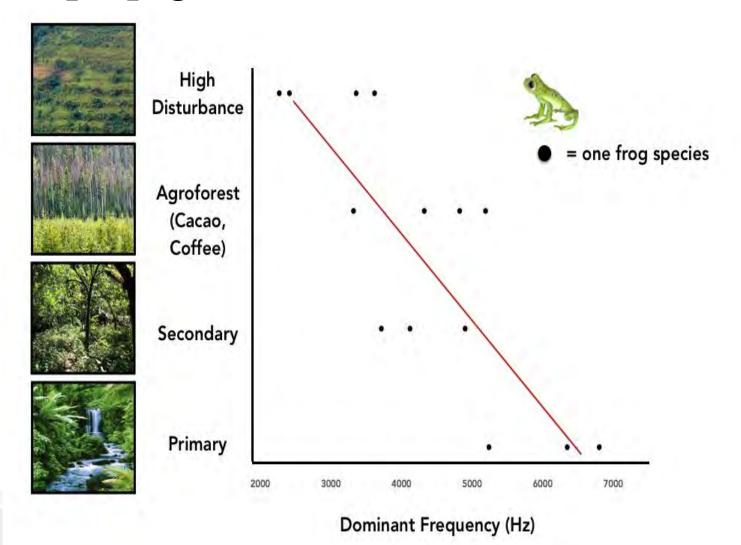








Does the acoustic space in agriculture prevent the propagation of certain calls?





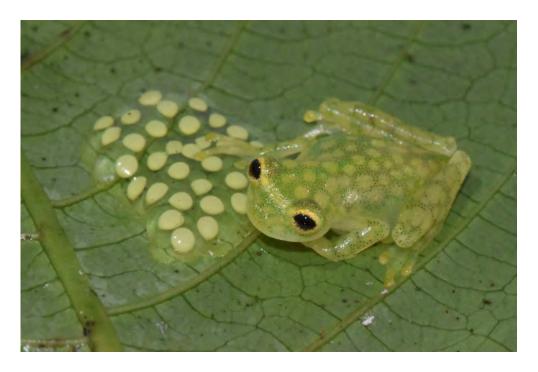
Empowering the next generation of women







Hyalinobatrachium linda





21







Amie Campos



UC San Diego, Ph,D., Latin America

Project Name

Territorial Conflicts, Industry, and State Formation in Chile's Southern Frontera 1866-1910







Constance Iloh



Project Name

Exploring the College-Going Decisions and Trajectories of Low-Income Single Mothers of Color

UC Irvine, Post Doc., Anthropology



Exploring the College-Going Decisions and **Trajectories of** Low-Income **Single Mothers** of Color



CONSTANCE



PH.D.

@constanceiloh

American Association of University Women (AAUW)

October 24, 2020





FOLLOW ME
AND KEEP THE
CONVERSATION
GOING!

@constanceiloh

Educational inequities, college access, college choice, and educational opportunity



Educational inequities, college access, college choice, and educational opportunity

Educational narratives hidden in plain sight







Iloh Challenges Concept of "Choice" in Higher Education

Friday, April 19, 2019 - 9:46am

Dr. Constance Iloh presented her research on the reality of college selection and access, highlighting the problems with assuming that college is accessible and that student enrollment is a choice on Wednesday, April 17.

Her qualitative research methods tracked the narratives of students "hidden in plain sight." Through these interviews she determined that the theoretical framework posited by Hossler and Gallagher (1987) should be updated and expanded to more accurately provide a model of how a new generation of students make college-going decisions. The Iloh Model incorporates an environment that involves more for-profit and

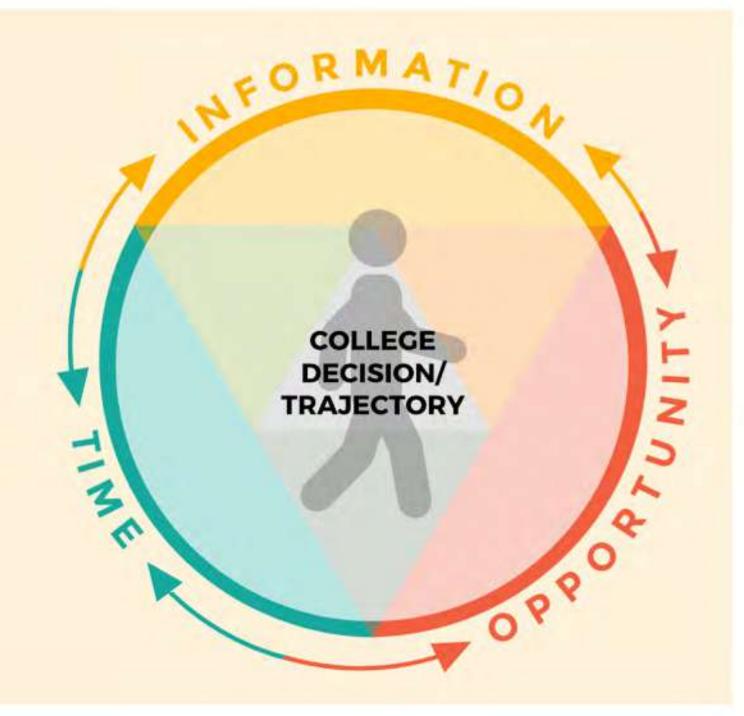


community college options, more students with adult responsibilities outside of the classroom, and more students engaging with higher education in an iterative progression. For many students, the decision to pursue a degree is not a one-time event but a trajectory that conforms to other life opportunities and responsibilities.

Drawing on her background as an anthropologist, she developed a model that incorporates the ecosystem surrounding the students and the interplay of various factors within the ecosystem. Rather than a linear progression, Iloh designed her model as a circle, which can be started from any of the three points: information, opportunity, and time. She highlights the importance of access to information, the quality of that information and the source. Time, she considers in three ways: micro (specific interactions), meso (immediate environment), and macro (larger societal contexts and movements). Opportunity, both perceived and real encompasses the supporting and restricting factors of technology, location, policies, and community.



THE
ILOH
MODEL OF
COLLEGE-GOING
DECISIONS &
TRAJECTORIES



RESEARCH PROJECT FOCUS

...But what about low-income single mothers of color?



"SHARON"



"SHARON"

- ☐ 33-year-old Filipina single mother on the west coast.
- ☐ Lives below the poverty level
- □ Has attended three institutions of higher learning already
- ☐ (One four-year public teaching college and two community colleges)



66

It hit me and this really resonates because I am a single mother. Each college I've been to is its own kind dead-beat father. Society has an idea about what fathers should be. The world has an idea about what college should be. But at so many points, that protection, that opportunity, that guidance, it failed me. I am honestly nervous to give any other place a try.





"...I was here when I was dealing with domestic violence. And for me this hurt because I am not asking college to be superman. I asked for specific resources. I mean I get it, but then I don't. With all the book smarts colleges have, they should know these situations are dire."

66

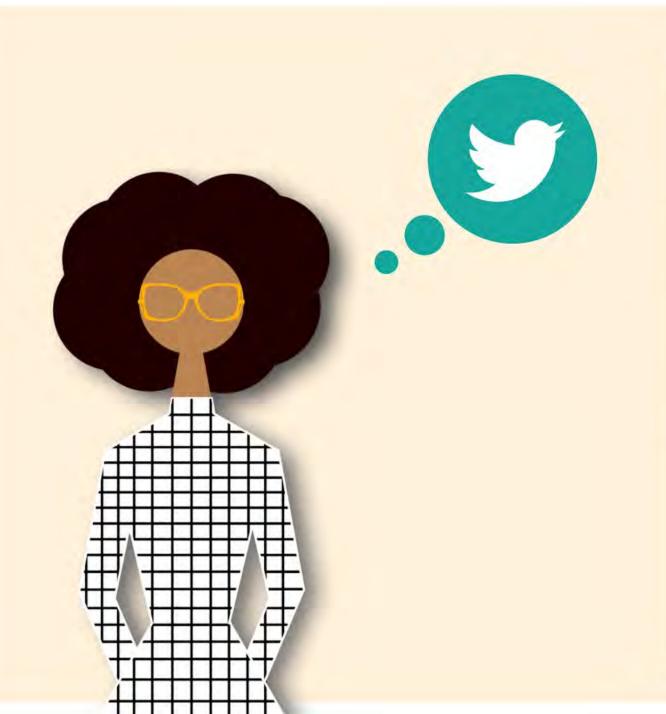
When I was in a four-year institution, I just sensed they could do something but just didn't. It would be too much of an inconvenience. Someone told me, "well if we provide this for you, then we have to do it for others." And in my head, I trusted you and believed the hype. Like can I get a used book?

There was that other community college. You get to school. Then you get a parking ticket because you are late and just need to park somewhere to get to class on time because you had to drop off your kid. I ended up nearly dropping this school because I missed so much class...

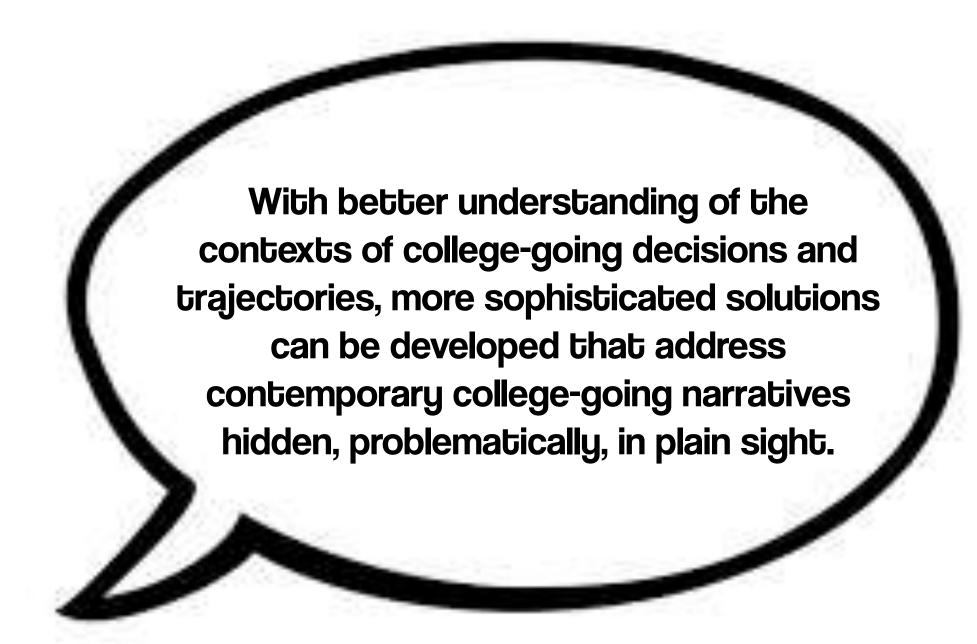


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Then I couldn't continue because my financial aid and credits didn't align. I went to get everything settled but they were withholding financial aid because of a technicality. It just made no sense. I told the lady I just need a break. No help. So many of us have these f**ked up college stories and leave college and are terrified to come back.









STAY CONNECTED

CONSTANCE ILOH





ciloh@uci.edu



www.constanceiloh.com ② @constanceiloh









Lizette Solorzano



Project Name

DACA Precarity and the Incorporation Experiences of Latina(o) DACA Recipients in Los Angeles Before and During the Trump Era

University of So. Cal, Ph.D. Sociology: Immigration

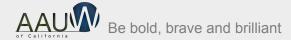




Background

- Family history of transnational migration across Jalisco, Mexico and United States since the 1960s







Organizing to Save DACA

Washington D.C.



Pictures by: Lizette S., Marta P., Miri N.



Dissertation Research

RQs: How does "DACA precarity" —as semi-legal ambiguity in anti-immigrant federal context— shape the lived experiences of DACA beneficiaries along three ambits: belonging, political engagement, and healing? To what extent, if at all, does the greater Los Angeles context, as an integrative context, mitigate DACA precarity?

Qualitative methods: participant observation in an immigrant rights/social movement organization in Los Angeles since July 2017, 53 interviews with DACA beneficiaries, and collection of relevant documents.





Rochelle McFee



Project Name

Fungibility and Embodying Survival in Jamaica

University of California, San Diego Ph.D., Ethnic Studies



Orientation to the subject

- Personal experience
 as a survivor of
 Childhood Sexual
 Violence
- Professional work in Gender policy and Advocacy
- Experiences with fractured feminist movement





Laying the Groundwork

RQ: How do Jamaican Laws, Policies and Juridical Practices shape the legibility and illegibility of sexualized and gender-based violence?

Sites of analysis: Sexual offences Act (SOA) (2009) and the Offences Against the Persons Act (OAPA) (2005). I also look at legal procedures that inform witness preparation and strategies for cross-examination.





RQ2: How is illegibility and structures of violence (re)reproduced through narration

Sites of analysis: Traditional and social media (specifically news reports on sexual violence against women and girls and gender non-conforming persons)

Theoretical Framework: Hortense Spillers' *Pornotroping*, Audra Simpson's *Refusal* and Herbert Gayle's *Force Ripe*



Ethical Movement Building

- On Tambourines, Hashtags and ReRooting / ReRouting Survivor Voice in Caribbean Feminist Movement Building
- Building Coalitions
- Toward a framework of Thrivance and Healing







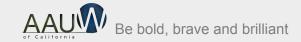
Maria Jose Navarrete



Project Name

Biology. Ph.D. Ecology and Evolution

UC Berkeley, Ph.D., Ecology and Evolution





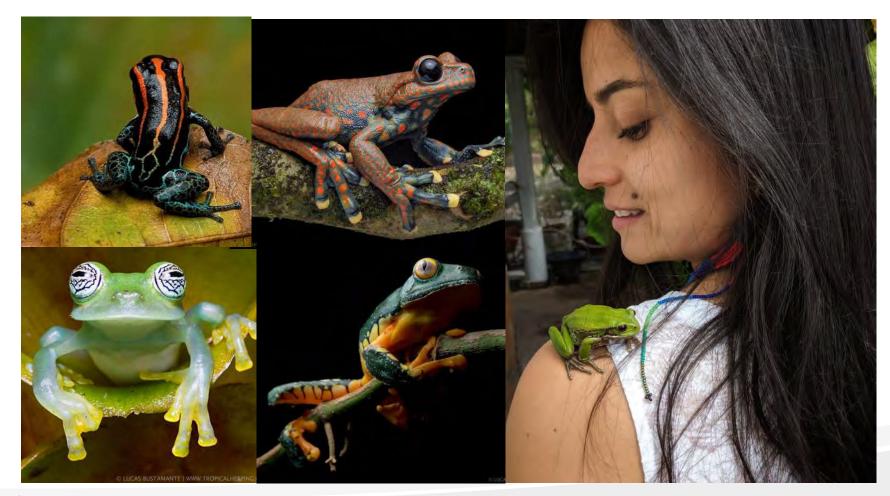
Diversity: Life everywhere Diversidad: Vida en todas partes







These animals stole my heart Estos animales me robaron el corazón



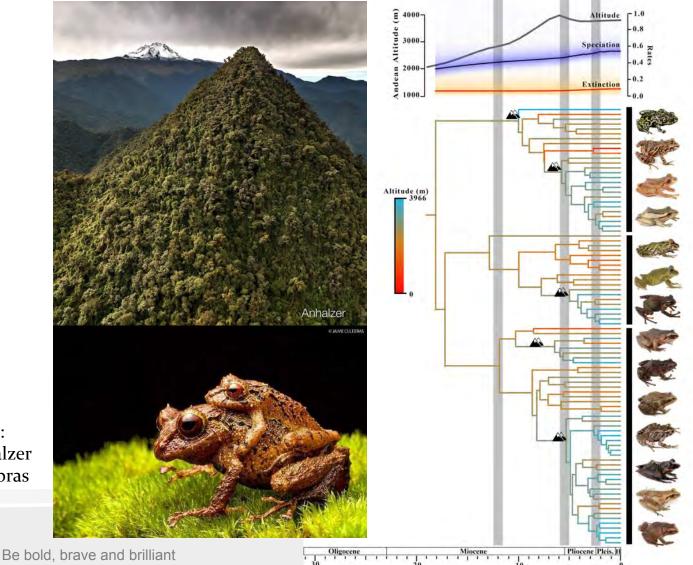
Photos: Lucas Bustamante



Did the Andean uplift play an important role in the diversification of amphibians?

El levantamiento de los Andes promovió la diversificación en

anfibios?

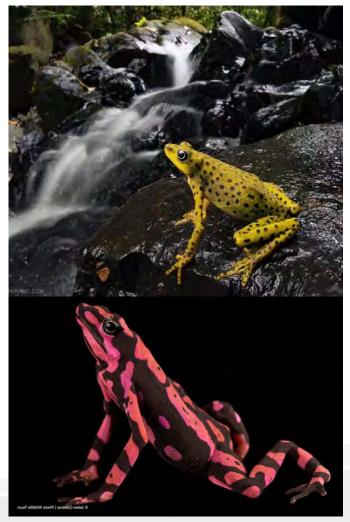


Photos: J. Anhalzer J. Culebras



Chemical defenses in amphibians: Tetrodotoxin Defensas químicas en anfibios: Tetrodotoxina

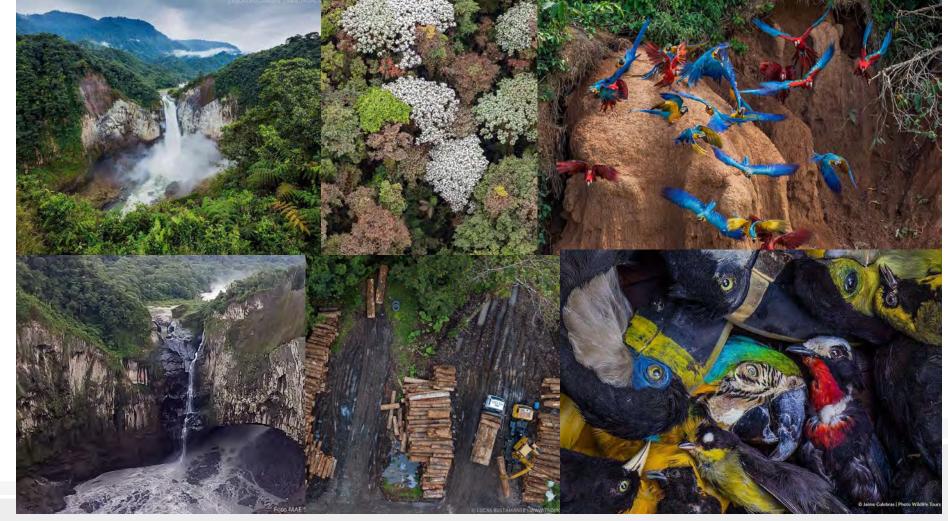






Photos: Jose Vieira, Jaime Culebras

I was not prepared for this No estaba preparada para esto



My duties Mis deberes











Maria Jose Navarrete



Translate your work

TO THE LOCAL LANGUAGE

this helps to facilitate outreach to local communities for political and environmental decision making





Photo: Jaime Culebras



Traduce tu trabajo

AL IDIOMA LOCAL

esto facilita la comunicación científica en las comunidades y promueve la inclusión de estas evidencias en la toma de decisiones políticas y ambientales



Be bold, brave and brilliant



The best environment to develop in: El mejor ambiente para crecer:







TARVIN LAB @ UC BERKELEY







Utopia lies at the horizon.

When I draw nearer by two steps, it retreats two steps.

If I proceed ten steps forward, it swiftly slips ten steps ahead.

No matter how far I go, I can never reach it.

What, then, is the purpose of utopia?

It is to cause us to advance.

E. Galeano



Maria Jose Navarrete







Mail: <u>mnavarrete@berkeley.edu</u>

Twitter: @majonavarrete4

Instagram: @majonavarrete14





Yvonne Zhang



Project Name

Film. M.F.A., Directing

American Film Institute, Los Angeles, M.F.A., Directing



Yvonne Zhang

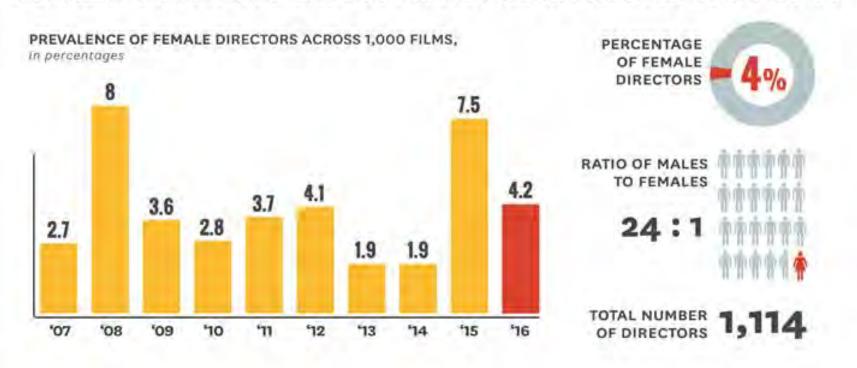


INCLUSION IN THE DIRECTOR'S CHAIR? EXAMINING 1,000 POPULAR FILMS

MEDIA, DIVERSITY, & SOCIAL CHANGE INITIATIVE USC ANNENBERG



FEMALES ARE GROSSLY UNDERREPRESENTED IN THE DIRECTOR'S CHAIR

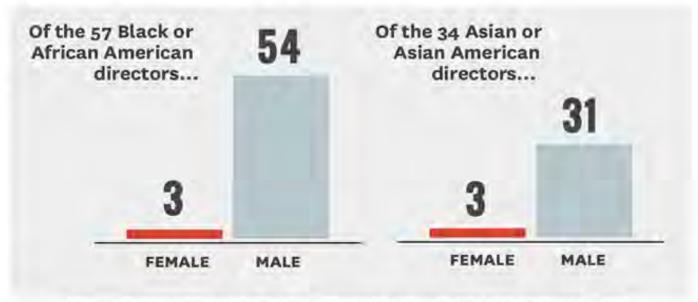


THE DIRECTOR'S CHAIR IS WHITE AND MALE

ACROSS 1,000 FILMS AND 1,114 DIRECTORS...

5.1% OR 57 WERE BLACK OR AFRICAN AMERICAN

3% OR 34 WERE ASIAN OR ASIAN AMERICAN



Only one Latina worked as a director across the 1,000 top films from 2007-2016.

CODEDICTIVES L. IMPHICIPANHES INTRETALAMOSTA

MEDIA, DIVERSITY, & SOCIAL CHANGE INITIATIVE

USCAnnenberg





Above: Still from Thank You Ground, F*** You System, the first film I shot at AFI.



Above: Stills from Home, my second AFI film.







Claire Breining



DisciplineHealth and Medical Sciences

Degree and Specialization: M.S.N., Women's Health Nurse Practitioner/Nurse Midwife

UC San Francisco, M,S.N., Women's Health Practitioner





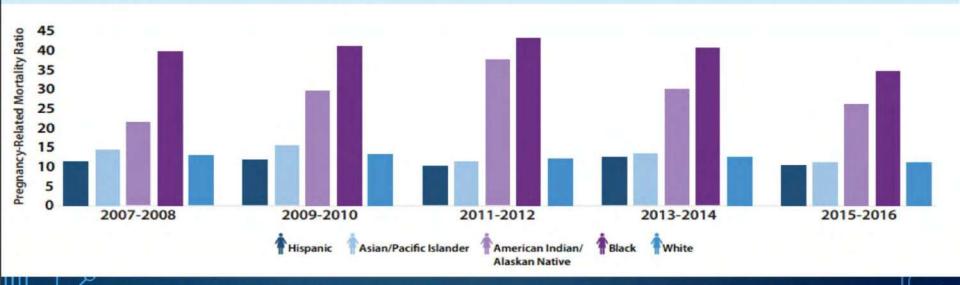
US Maternity Care System

- Disproportionate/inappropriate distribution of resources
- High rising cost of maternity care related to inappropriate care
- Failure to implement evidence-based practice
- Lack of midwives
- Poor outcomes compared to countries similarly resourced with financial capital
- Marked race-associated health care disparities disproprotionately burdening Black, Indigenous, and Latinx communities



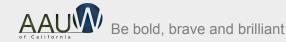
Racial/Ethnic Disparities in Pregnancy-Related Deaths — United States, 2007–2016

Data confirms significantly higher pregnancy-related mortality ratios among Black and American Indian/Alaskan Native women. These gaps did not change over time.



Division of Reproductive Health, National Center for Chronic Disease Prevention and Health Promotion, 2-4-20





Claire Breining

700

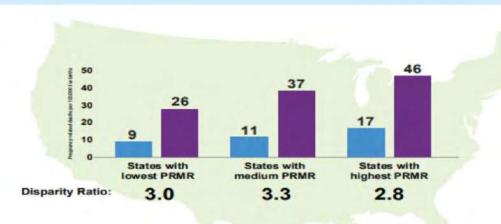
About 700 women die each year in the U.S. as a result of pregnancy or its complications.

2-3x

American Indian/Alaska Native and Black women are 2 to 3 times as likely to die from a pregnancy-related cause than white women.

Disparities Across the Nation

State Pregnancy-Related Mortality Ratios (PRMR) were placed equally into three groups (high, medium, low) and the PRMR was further calculated by race/ethnicity for each group. Even in states with the lowest PRMR, the PRMR for black women was about 3 times as high as the PRMR for white women.



White Black

Division of Reproductive Health, National Center for Chronic Disease Prevention and Health Promotion, 2-4-20

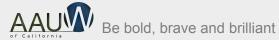


Adopted from Dr. Ifeyinwa V. Asiodu PhD, RN, IBCLC, 10/15/2020

Claire Breining







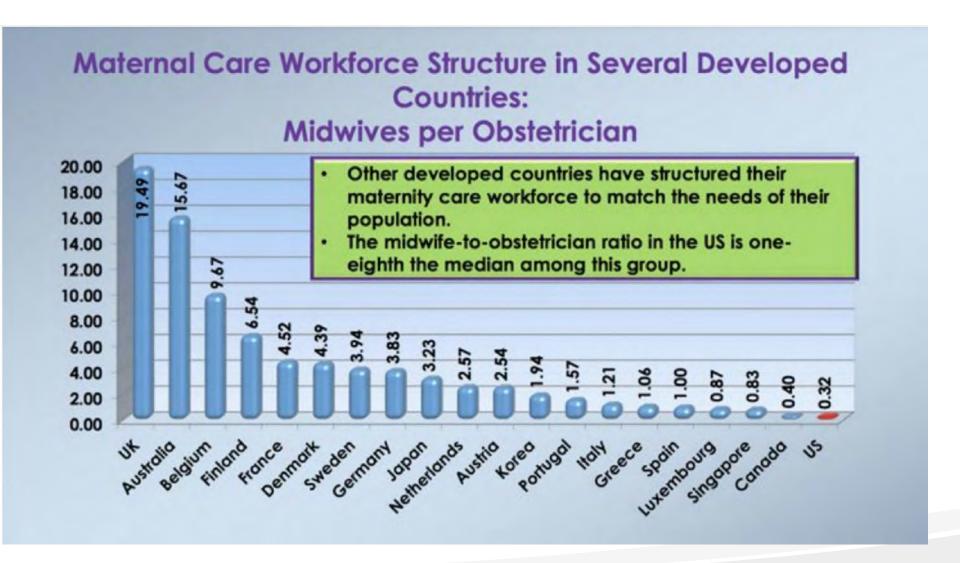


What is Midwifery?

Key ICM Midwifery Concepts:

- Partnership with women to promote self-care and the health of mothers, infants, and families;
- respect for human dignity and for women as persons with full human rights;
- advocacy for women so that their voices are heard;
- cultural sensitivity;
- a focus on health promotion and disease prevention that views pregnancy as a normal life event









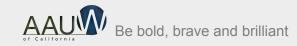
Goals for the Future

- CNM at a CA public hospital
- Open nonprofit, standalone birth center in an area that does not currently offer this option to birthing families.
 - Supportive, inclusive work environment for birth professionals
 - Volunteer doula program
 - Community resource





Thankyou









DisciplineHealth and Medical Sciences

Degree and Specialization:
M.P.H., Public Health
Food Insecurity Among College Students

University of Nevada, Reno, M.P.H., Public Health



Stepping into Equity Work

Feather Ives

2020-2021 AAUW Career Grant Recipient

Graduate Student, Master of Public Health - University of Nevada, Reno

Co-director, Merritt College Bioscience Department

AAUW Fund Luncheon October 24, 2020

My Career Transition

- 2020-2021 AAUW Career Grant Recipient
- 2016 Entered Career Training at Merritt College (Career Transition)
- 2017 Completed two prestigious academic research internships at Gladstone Institutes & Chan Zuckerberg Biohub
- 2018 Research Associate in the Molecular Imagine Center at UCB
- 2018 Instructor's Assistant in the Merritt Bioscience Dept. (MBD)
- 2019 Started a Master of Public Health at University of Nevada
- 2019 Became an adjunct professor in the MBD
- 2020 Began planning a Food Security Resources Program for The Richmond Promise (Field Studies for MPH)
- 2020 Promoted to Histotechnician Program Director & co-director of the MBD

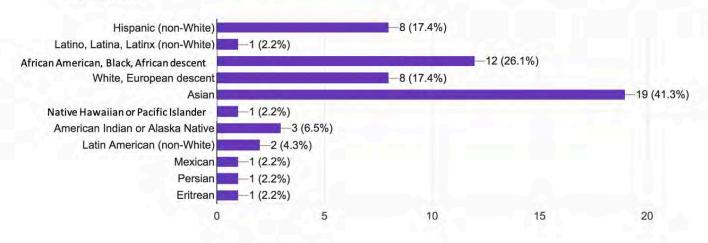
Merritt Bioscience Programs

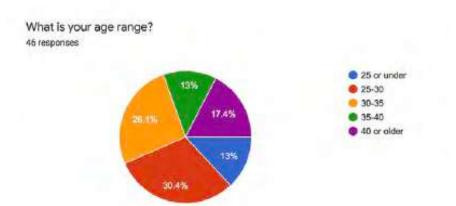
- Three programs
 - Microscopy
 - Histotechnology
 - Genomics
- Trainees go on to work in hospitals, academia, and industry
- Starting pay for our histotechnician trainees when hired as histotechnicians is \$65,000-\$90,000 depending on degree and if certified or non-certified
- Average research associate starting salary is \$50,000
- Entry-level lab assistants and techs start out \$18-\$22/hour
- Many of the trainees come to our program with Bachelor of Science degrees to receive technical hands-on training
- Other degree-seeking trainees get a full spectrum training which includes soft skills, presentation skills, and critical thinking

Merritt Bioscience Program Demographics

How do you identify in terms of cultural, ethnicity, or race? You can check multiple boxes or enter in a more specific option not listed.

46 responses



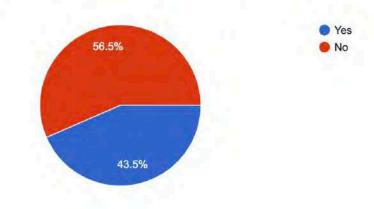


About **85%** of our incoming cohort of trainees identify as female.

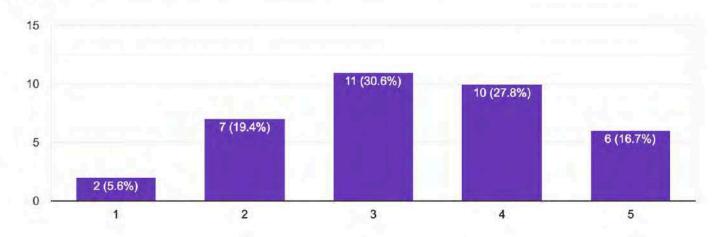
Equity Check-in with Trainees

Are you the first generation in your family to attend college? Or would you be the first in your family to complete any higher education program?

46 responses



On a scale of 1-5, how much do you feel like a scientist? Optional 36 responses



Basic Needs Equity in Crisis

Food Insecurity Amongst College Students

The Problem

"While tuition has remained low at our community colleges, it is still difficult for most lower-income students to achieve their educational goals due to our state's higher cost of living and the lack of adequate financial aid to cover non-tuition expenses, such as food.

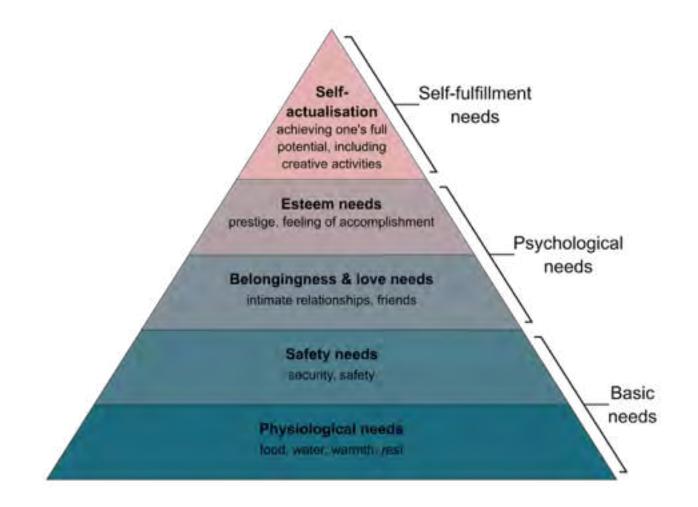
Food insecure students, in particular, are more likely to indicate intention dropping out of school and less likely to feel confident in their academic abilities.

Therefore, they may be forced to delay their education to make ends meet —setting them up for a cycle of poverty that can be increasingly difficult to break.

A national effort is necessary to eliminate hunger as a barrier to student success and degree attainment."

-Food for Thought Act 2019 (H.R. 4065)

Mazlow's Hierachy of Needs



• It is difficult to achieve those needs at the top of the pyramid when those at the bottom are not met.

My goals

- After interviewing students and other stakeholders, some of my goals include:
- Creating an early intervention program at The Richmond Promise that prepares students and helps them to navigate their basic needs resources on the campuses
- Normalizing utilizing resources "CalFresh is just financial aid for food"
- Providing The Richmond Promise leadership with enough data and information to advocate for real policy changes at the local, state, and federal level.



Acknowledgments



Lynn Short, MPH
Leslie Elliott, PhD
Jessie Stewart, MPA
Sara Goldwick-Rab, PhD
Elaine Johnson, PhD
Cynthia Ramirez
The Richmond Promise scholars
Gisele Giorgi, PhD



Feather Ives
FIVES@PERALTA.EDU



Denise Merino Mitchell





DisciplineBiology

Degree and Specialization: M.S., Botany & Plant Sciences

UC Riverside, M.S., Botany and Plant Sciences





Brittany



From In silico Protein Epitope Density Prediction to Testing Escherichia coli O157:H7 Vaccine Candidates in a Murine Model of Colonization

Daniel Taple', Britishy N. Ross', Aryana Kalita', Mndur Kalita', Christopher L. Hatcher', Laura A. Muniató ' and Africio G. Torres' ' 1"

Control of the Contro

Good Afternoon,

Just thought I would give you an update on Brit. She will be defending her dissertation on October 11th. She has accepted a position with Georgia Tech and will be moving there in November.

Thanks again for believing in her and getting her on the path to success. I will forever be grateful.

Sincerely, Terri Ross

Sent By: Terri Ross





Ecuador









UC Riverside - Then & Now





Denise Mitchell
denise.mitchell@email.ucr.edu





Santa Margarita Ecological Reserve

Mediterranean Shrubland









Adenostoma fasiculatum Artemesia californica

Erigonum fasiculatum

Malosma laurina



Rhamnus illicifolia



Salviaapiana



Salvia mellifera



Boyd Deep Canyon Reserve

Condea emoryi

Desert



Encelia farinosa



Fouquieria splendens



Justicia californica



Larrea tridentata



Parkinsonia florida



Senegalia greggi



James San Jacinto Mountains Reserve

Mixed Evergreen Forest



Abies concolor



Arctostaphylos pringlei



Calocedrus decurrens



Pinus coulteri



Pinus lambertiana



Quercus chrysolepis



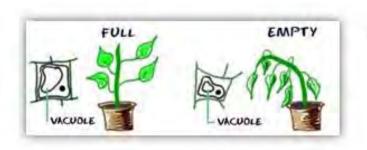
Quercus kelloggii

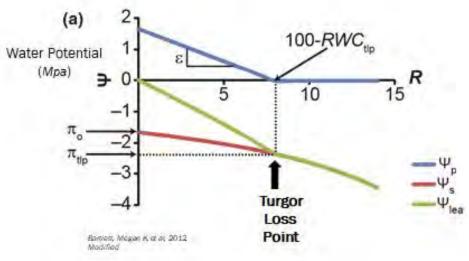


71



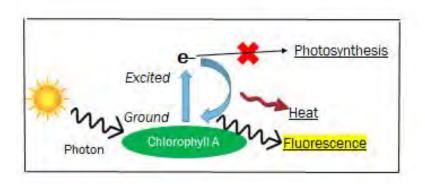
Turgor Loss Point Determines Drought Tolerance

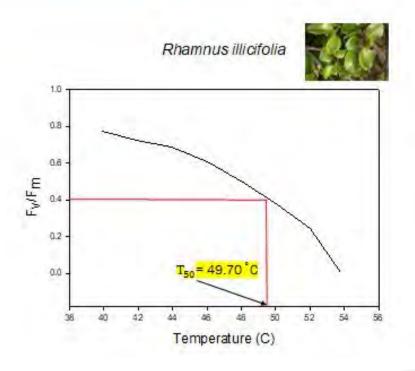






T50 Determines Heat Tolerance

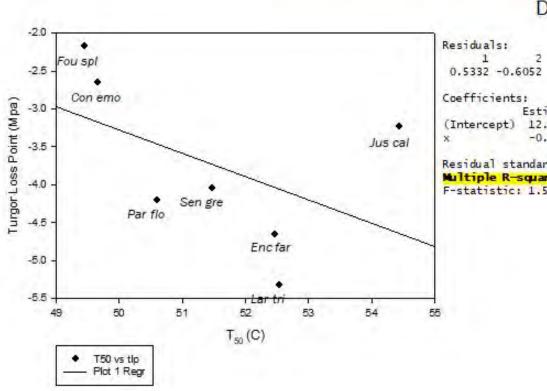








Turgor Loss Point vs T50



Desert (Dry Season)

1 2 3 4 5 6 7 0.5332 -0.6052 0.9454 1.4186 -1.2638 -0.7281 -0.3001

Estimate Std. Error t value Pr(>|t|) (Intercept) 12.0938 12.7146 0.951 0.385 x -0.3076 0.2467 -1.247 0.268

Residual standard error: 1.075 on 5 degrees of freedom

Multiple R-squared: 0.2372, Adjusted R-squared: 0.08466

F-statistic: 1.555 on 1 and 5 DF, p-value: 0.2676



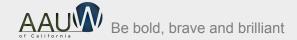






"Our Home Was Not Limitless."







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224212 27 27 27

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Questions?



Legacy Circle



Charmin Goehring Legacy Circle





Upcoming Webinars

Why Public Policy Matters

10/28/2020

This workshop is for branches whose members are doing no or little public policy work; who do not have a public policy chair or committee; and who want to learn how to encourage members to engage in public policy projects, how to garner ideas for projects, and how to use PP to attract new members.

Keeping in Touch With Your Tech Trekkers - and Why You Should

11/9/2020

Many branches keep in touch with their former Tech Trekkers. Some former campers have even built their own "Keep in Touch" groups. In this workshop you will learn how to track down and guide these young women through high school and college and, even, into their careers. The workshop will introduce these ideas - and the people working on them. Keeping your former Tech Trekkers close allows them to help you at branch events, mentor new campers, and keep in the loop about junior and senior counselor positions. You will be surprised how much your branch and these young women can help each other.?

Work Smarter not Harder.

11/18/2020

Quality collaborations will benefit your branch and increase your influence. A collaboration isn't just about sharing work. It's about sharing resources. By investing your branch's time in building good relationships now, you can make them pay off for years to come.

