
AAUW Fund Event

October 30, 2021

Welcome

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.

The screenshot shows a Zoom 'Question and Answer' window. At the top, there are two tabs: 'All questions (1)' and 'My questions (1)'. A red dashed arrow points from the text 'Check here for answers to all questions.' to the 'All questions (1)' tab. Another red dashed arrow points from the text 'Check here for answers to your questions' to the 'My questions (1)' tab. Below the tabs, a question is listed: 'You 09:45 AM' followed by 'Where can I download the presentation?'. Below this, there is a 'Collapse all (1)' link and a response from 'AAUW California' at '09:46 AM'. On the left side of the window, a message states 'Chat has been disabled. Use the Q&A function'. At the bottom, there is a text input field with the placeholder 'Type your question here...'. A red dashed arrow points from the text 'Type your question here.' to this input field. At the bottom of the Zoom interface, there are two circular icons: 'Chat' (highlighted with a yellow circle) and 'Q&A' (highlighted with a red circle). A red dashed arrow points from the 'Q&A' icon to the text input field. A 'Leave' button is located in the bottom right corner.

Welcome and Introductions



Lynne Batchelor
Chair, AAUW California Fund Committee



Dianne Owens
AAUW California President



Heather Miller
AAUW Director of Advancement

Zofia Wlodarczyk, Ph.D.



Migration, Gender and Human Rights

*University of California, Davis
Sociology*

Female Chechen Refugees Fleeing Domestic Violence and Political Persecution:

Challenging Theories of Migration,
Integration, and Transnationalism

Methods of data-gathering

Participant observation

+

Informal conversations
with Chechen women

In-depth interviews

with professionals
(13)

Biographical/narrative interviews

with female Chechen refugees
(45 interviews with 35 women)



- Two Chechen wars with Russia
- 25% of the Chechen population has left their homeland.

Political conflict as a source of and an escape from domestic violence

Domestic violence & refugee status

- Not all women who experience domestic violence may be subject to international refugee protection.
- After recent political shifts in some parts of Europe (e.g. in Poland), it became harder for domestic violence victims to be granted asylum.

I told about this political problem [at the border] because it happened after all. But I also talked about what I experienced at home. For me, what happened at home was more important. I told him [the border official] that my husband was abusing me. I've talked about both things. And they let me through (Kariina).

I did not know even where to go [to get passports]. My [female] friend told me that one woman did it in our area, and she came to my place, she took pictures of all of us at home. She did not ask any questions; she knew exactly what she was doing. Two weeks later I had all the passports (Lulii).

Humanitarian crisis on the Polish-Belarusian border



Thank you!

zwlodarczyk@ucdavis.edu

Sabrina Baffert, M.P.H.



Epidemiology

*University of California, Berkeley
Epidemiology*



Sabrina Baffert

Research Scientist & MPH student

RNA-based therapeutics

- Current research and commercial focus is on the development of full length messenger RNA (mRNA) manufacturing
- mRNA technology is showcased in the current COVID-19 vaccines
- Potential therapeutic applications in other infectious diseases, rare diseases etc..



Epidemiology



- Assessing the distributions of health, disease and injury in populations
- Calculating and interpreting measures of disease frequency and association
- Evaluating existing public health programs

Health and Social Behavior

- Applying public health ecological models emphasizing and acknowledging the interactions between biology, behavior environment and distribution of life opportunities
- Understanding how socially constructed concepts influence health inequities





Thank you

Gillian Bogart, Ph.D.



Edge Effects: Salt-Making Worlds of Timor

University of California, Santa Cruz
Socio-cultural anthropology



Photo courtesy of UCSC









Photo courtesy of
Rika Konai

Thank
You!

Stacey Cabaj, M.F.A.

American
Fellowship



The Sound of Touch: Synesthesia and Theatre

*Loyola Marymount University
Theatre Pedagogy*



The Sound of Touch



Illustration by Emma Lynch
"The Keep Going Song" by The Ben

Identities (Who)

Curiosities (What)

Explorations (How)

Meaning-making (Why)



Identities

- Stacey Cabaj (she/her)
- Métis and Tongva land
- Citizenry and borders?
- Theatre & Pedagogy Prof.
- ...Aspiring Miss Frizzle
- Bonus Mom Activism!



Expansion by Paige Bradley





Curiosities

“I just wasn’t made for these times”

The currency of touch: how we perceive the world

Technology-mediated presence

Synesthesia

“A hereditary condition in which a triggering stimulus evokes the automatic, involuntary, affect-laden, and conscious perception of a sensory or conceptual property that differs from that of the trigger.”

-Dr. Richard E. Cytowic in *Synesthesia* (3)



Synesthetic visual art by Christina Eve



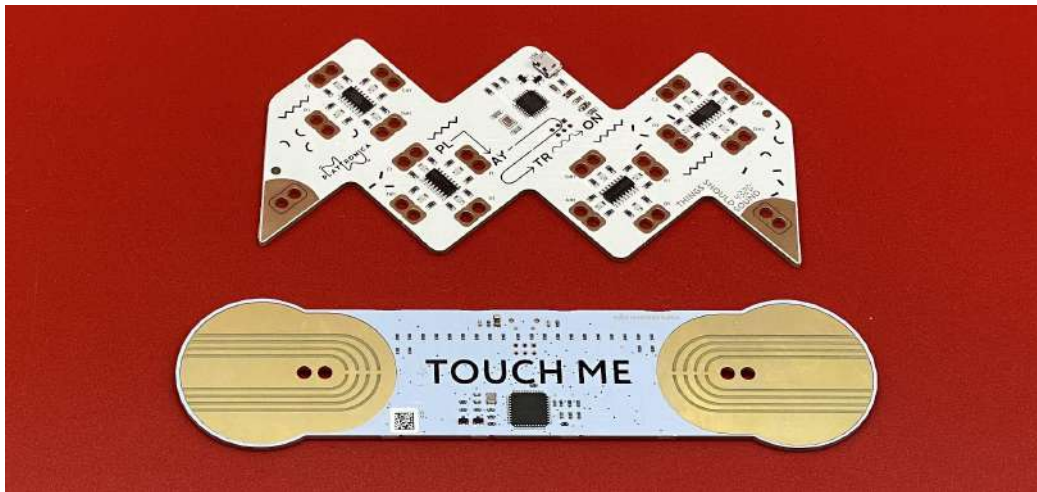
Explorations

Playtronica

Intentional Technological Synesthesia

Smart textiles: touch —> sound

Theatre + Education Laboratory



Playtronica's Smart Textiles



Contributions to Meaning-Making in the 2020s?

Carrie Fisher said

to “take your broken heart and make it into art.”

So, in order to discover answers about

“what it feels like to be you in the 2020s”

my collaborators and I are

investigating, documenting, and describing

1) training exercises for theatre education &

2) devising practices for immersive theatre

that use current technologies

to become more attuned to

our sensory experiences of the world...



AKA:
To know ourselves
and our world
more deeply through
technology-enhanced
storytelling.



**Thank you for your kind attention.
May you be safe, happy, well, and free.**



Jasmeet Dhaliwal



Investigating the Role of a Supernova Explosion in the Formation of the Solar System

*University of California-Santa Cruz
Planetary Science*

FORMATION OF THE SOLAR SYSTEM

Solar
Nebula



Early
Condensation



Planetary
Accretion



STELLAR NURSERY

Supernova (exploding stars) form
iron and heavier elements

1
1A
1A

1
H
Hydrogen
1.008

2
2A
2A

2
He
Helium
4.003

3
Li
Lithium
6.941

4
Be
Beryllium
9.012

11
Na
Sodium
22.990

12
Mg
Magnesium
24.305

19
K
Potassium
39.098

20
Ca
Calcium
40.078

37
Rb
Rubidium
85.468

38
Sr
Strontium
87.62

55
Cs
Cesium
132.905

56
Ba
Barium
137.327

87
Fr
Francium
223

88
Ra
Radium
226

13
Al
Aluminum
26.982

14
Si
Silicon
28.086

31
Ga
Gallium
69.723

32
Ge
Germanium
72.631

49
In
Indium
114.818

50
Sn
Tin
118.710

83
Bi
Bismuth
208.98

84
Po
Polonium
209

65
Cu
Copper
63.546

66
Zn
Zinc
65.38

111
Ag
Silver
107.868

112
Cd
Cadmium
112.414

79
Au
Gold
196.967

80
Hg
Mercury
200.59

107
Pt
Platinum
195.08

108
Au
Gold
196.967

97
Ir
Iridium
192.22

98
Pt
Platinum
195.08

115
Rh
Rhodium
102.905

116
Pd
Palladium
106.42

105
Fe
Iron
55.845

106
Co
Cobalt
58.933

121
Ni
Nickel
58.693

122
Cu
Copper
63.546

109
Mn
Manganese
54.938

110
Cr
Chromium
51.996

125
V
Vanadium
50.942

126
Ti
Titanium
47.88

117
Sc
Scandium
44.956

118
Y
Yttrium
88.906

133
Zr
Zirconium
91.224

134
Nb
Niobium
92.906

139
Mo
Molybdenum
95.94

140
Tc
Technetium
98.907

157
Ru
Ruthenium
101.07

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Antimony
121.757

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Tellurium
127.6

166
I
Iodine
126.905

151
Se
Selenium
78.971

152
Br
Bromine
79.904

169
Kr
Krypton
83.798

170
Xe
Xenon
131.29

155
As
Arsenic
74.922

156
S
Sulfur
32.06

173
P
Phosphorus
30.974

174
O
Oxygen
15.999

159
C
Carbon
12.011

160
N
Nitrogen
14.007

177
F
Fluorine
18.998

178
O
Oxygen
15.999

163
B
Boron
10.81

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220
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Thorium
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205
Pr
Praseodymium
140.908

206
Nd
Neodymium
144.24

223
Ce
Cerium
140.12

224
La
Lanthanum
138.905

209
Eu
Europium
151.964

210
Gd
Gadolinium
157.25

227
Sm
Samarium
150.36

228
Pm
Promethium
144.913

213
Tb
Terbium
158.925

214
Dy
Dysprosium
162.50

231
Ho
Holmium
164.930

232
Er
Erbium
167.259

217
Lu
Lutetium
174.967

218
Yb
Ytterbium
173.054

235
Tm
Thulium
168.934

236
Er
Erbium
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Protactinium
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Uranium
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225
Np
Neptunium
237

226
Pu
Plutonium
244

243
Am
Americium
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244
Cm
Curium
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229
Bk
Berkelium
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230
Cf
Californium
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247
Es
Einsteinium
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248
Fm
Fermium
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233
Md
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Copernicium
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Roentgenium
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Ds
Darmstadtium
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Meitnerium
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YOUNG SOLAR SYSTEM



Primitive meteorites (chondrites)
form during early condensation

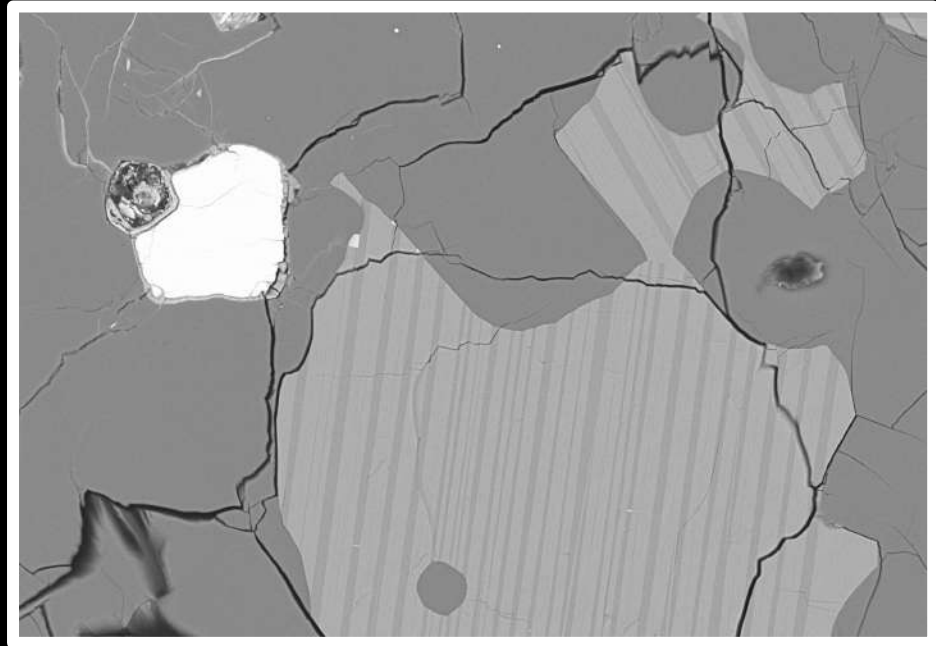
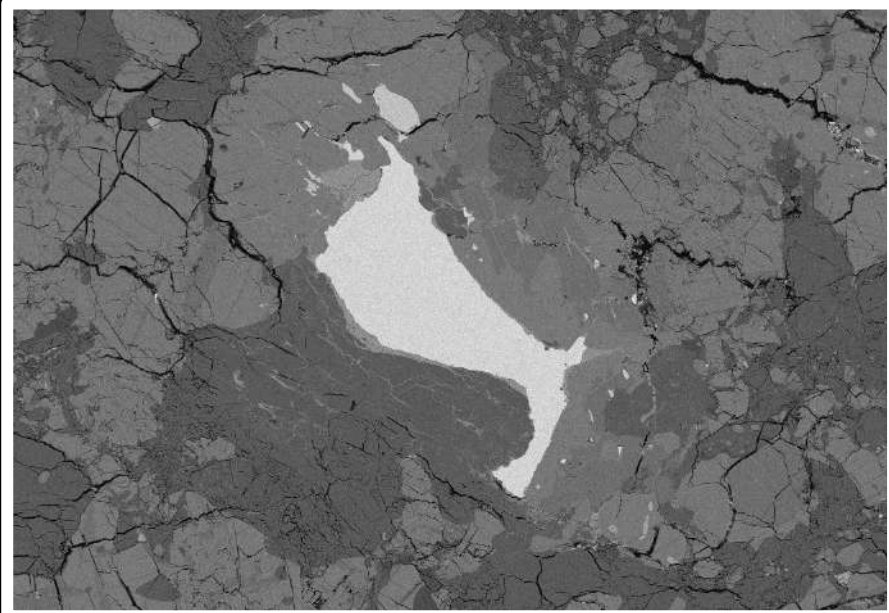
PLANET FORMATION



Evolved or differentiated meteorites
(achondrites)
form in planetary bodies

ANALYSES OF EUCRITES

(differentiated meteorites)



EVIDENCE FOR LOCAL SUPERNOVAE?

Iron-60

^{60}Fe
(extinct)

Nickel-60

^{60}Ni
(measurable)



Alison Espinosa-Setchko, M.S.W.



Clinical Social Work

Smith College - School of Social Work

Ana Grande



Physical Sciences and Engineering Exploration for 100 Low-Income Central Los Angeles Girls

PF Bresee Foundation



Safe Spaces:

Encouraging Curiosity
and Careers in STEM
for 100 Girls in
Central Los Angeles
(a *community impact
grant*)



Deliverables

Bresee's STEAM workshops will provide over 40 middle school girls with hands-on experiences in science-based activities, culminating in a project.

Bresee will offer a one-day excursion to provide over 50 girls with an experience exploring a local space museum.

Bresee's college transition bootcamp will prepare 6 incoming first year college student girls for their first year in higher education.

Bresee's 25 girl high school interns will begin their initial summer orientation and training in preparation for the year-long intern programs.

Bresee will recruit over 100 girls to participate in this project from local middle and high schools.

Activities YTD

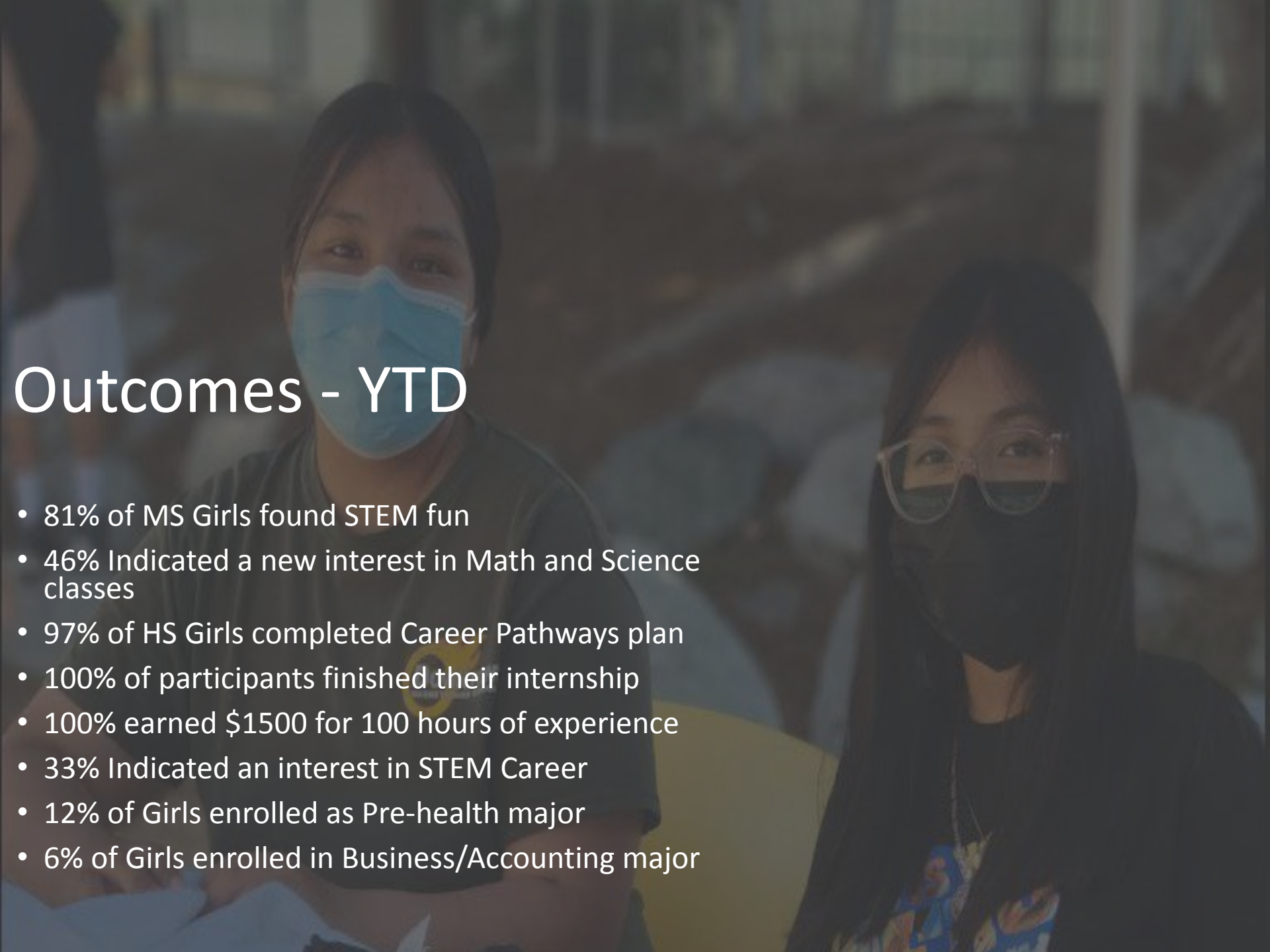
Middle School

- STEM Summer Camp
 - Earth Sciences
 - Robotics
 - Coding
 - Oceanic Coding Camp Day

High School

- STEM Summer Paid Internships
 - Music Engineering
 - Health Clinic
 - Gen2 Camp
- Young Entrepreneurs Camp
- College & Career Readiness
- Coding: Drones & Unicorns





Outcomes - YTD

- 81% of MS Girls found STEM fun
- 46% Indicated a new interest in Math and Science classes
- 97% of HS Girls completed Career Pathways plan
- 100% of participants finished their internship
- 100% earned \$1500 for 100 hours of experience
- 33% Indicated an interest in STEM Career
- 12% of Girls enrolled as Pre-health major
- 6% of Girls enrolled in Business/Accounting major



Women-led futures start today!

Ana Grande, Associate Executive Director
PF Bresee Foundation
agrande@bresee.org

Leah Hoogstra, M.S.



**Mathematics - M.S.,
Applied Mathematics**

*California Polytechnic State University
College of Science and Mathematics*

Background

- B.A. in Mathematics and International Development from Calvin University
- Worked in data analytics for seven years in research- and reporting-focused positions, both in the US and in the Middle East
- Volunteered with Django Girls, Code 4 Milwaukee, Zao MKE, and the Grand Rapids Pride Center, aiming to use technical skills to further the work of local nonprofits and to make STEM a more inclusive space for women and nonbinary individuals
- Professional and volunteer experiences have been incredibly valuable and clarified my decision to return to academia to pursue mathematical research



Leah Hoogstra
Selected Professions
Fellowship

Current Studies

Pursuing an M.S. in Mathematics
at Cal Poly State University.

Solidifying my foundation in
mathematics so I can go on to
do PhD work.

Plan to graduate with the Applied
Mathematics specialization in
Spring 2023.



Future Plans

PhD work...

I want to apply mathematical knowledge to issues of equality on topics such as gerrymandering, algorithmic fairness, or the better understanding of dynamic social systems.

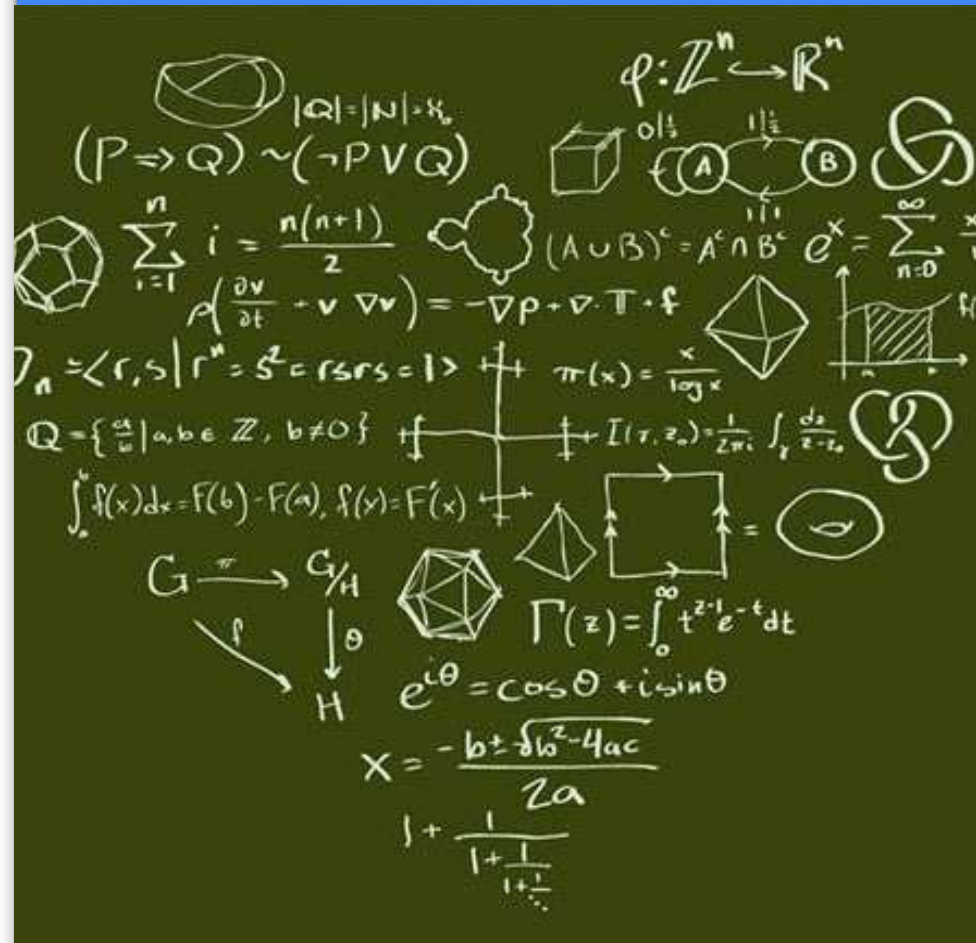
...and beyond.

Long term, I plan to seek a research and teaching position in mathematics. From that foundation I'll continue to research questions relevant to social systems, focusing especially on issues of equality.

I'll continue to work towards making mathematics a discipline where all are welcome, valued, and heard.

Thank you!

This grant made it possible for me to pursue graduate education.



Silvia Rodriguez Vega



Caged Childhoods: Art, Healing and U.S. Immigration Policy

*New York University
Chicanx/Latinx Studies*

Art & Creativity as Mitigation Strategies for Anti-Immigrant Policies

Silvia Rodriguez Vega, Ph.D.
Provost's Postdoctoral Fellow
Department of Applied Psychology

Immigration Policies Quickly Becoming More Hostile and Restrictive



[Home](#) » [Research](#)

REPORTS

“Adolescence is a critical period of life in which young people develop their social, cultural, and political identities, and become more aware of how society’s structures and institutions can affect them and their families. Many Latinx youth worry about the arrest and deportation of a relative, fellow student, or friend. Those who were born outside the United States and lack legal immigration status may also be at risk of deportation themselves. **These fears are linked to mental-health conditions and hold potential consequences for a young person’s school engagement, academic achievement, and future labor market outcomes.**”

Immigration Latino

By Randy Caprio

Education K-12

State & Local Enforcement



Immigration Enforcement
Health of Latinx Youth

Report
by Randy Caprio
with Michael
Rios, PhD

Immigration enforcement is



[see less -](#)

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population

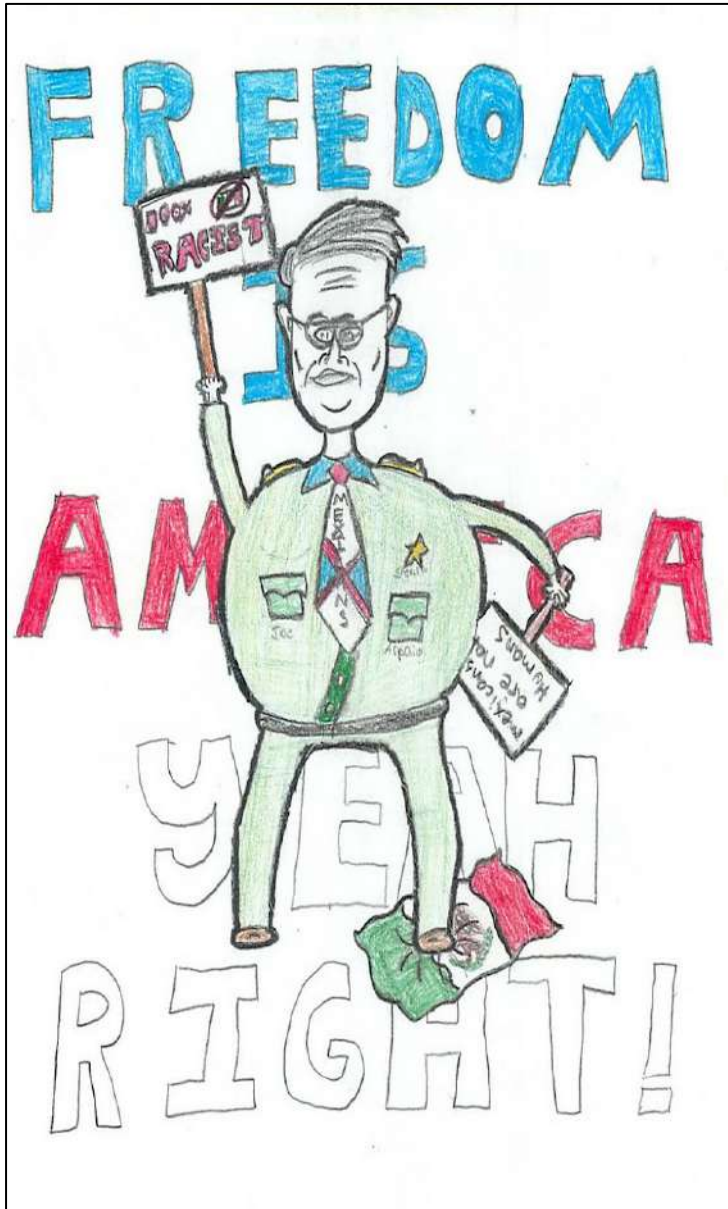
What can art offer in difficult moments?

Children and adolescents can:

- Externalize** their emotions/worries.
- REIMAGINE** difficult situations.
- Question** injustice in society.
- Develop **Resilience**.

This work is based on the last 12 years of research in border states, where I have conducted studies with 8-17 year olds in afterschool art camps in Arizona and designed and taught a bilingual theater class for 6th graders in California.

Externalize Emotions & Worries



"In Arizona the Sheriff, Joe Arpaio, arrest any person that looks Mexican no matter if they are U.S. citizens or not. He sends them to jail where they get beat up and treated like animals...That leaves kids alone in the U.S.A. away from their parents (to) get adopted by a family member if lucky."

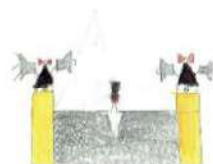
-Omar 12 years old, Mexican in AZ

Reimagine Through Theater



"I was so happy that my cousin Alex was coming to the US, but he actually died in the desert...I guess of starvation or thirst. I don't know. We did not know anything about my cousin until we saw on the news that his body was found on the border." -Erick, 12

Los Niños Inmigrantes

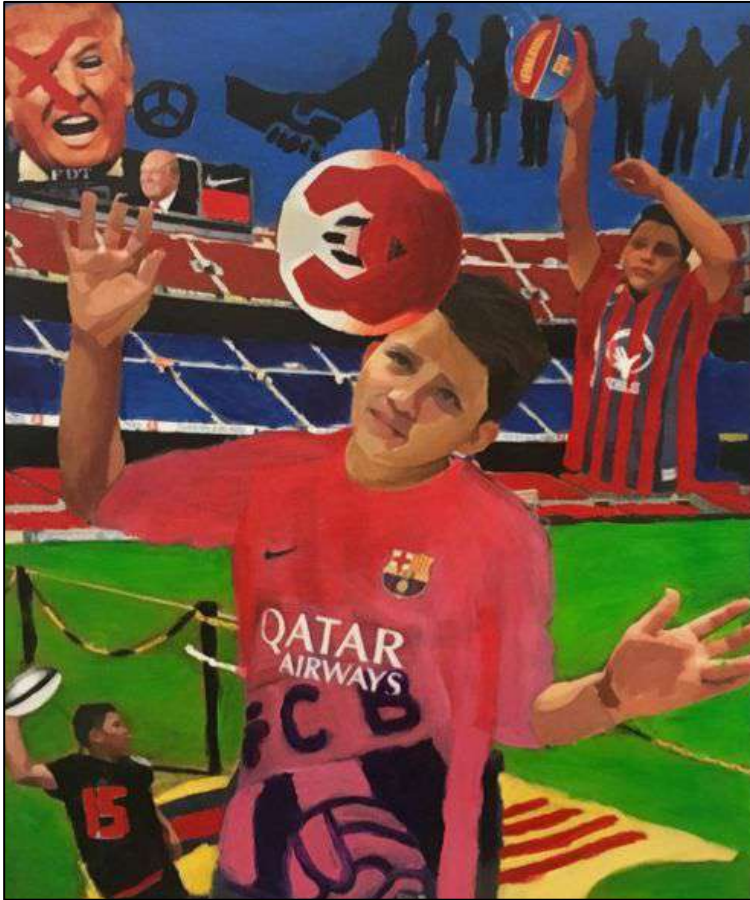


Question Injustice



Ana 16 years old,
Mexican in AZ

Develop **Resilience**



"I put Donald Trump, and I put the peace sign, and I put people agreeing. Agreeing with each other. So I want Donald Trump to make peace. And to not report immigrants no more and stop being racist."

-Diego 13, El Salvador in CA

Other Methods & Avenues to Consider

- (YPAR) Youth Participatory Action Research
- Community-Based Art Programs
- Partnerships with teaching artists and non-profit organizations

Thank you!

Legacy Circle

Charmen Goehring

Mooneen Lecce Giving Circle

For information contact Sharon Schuster at:
sharon@schuster.org 818 888-1376

AAUW Fund Chair Board Secretary

Lynne Batchelor

Next Steps

- Make a fund donation
 - Deadline - December 31, 2021
- Identify Named Gift Honorees
 - Branch named gift honoree application: Deadline - March 1, 2022
 - State named gift honoree application: Deadline - February 15, 2022
- Register for the next Fund Event
 - Sunday, November 7, 2021 (1-3 pm)
- View biographies and request a grant/fellow to speak at a branch or IBC meeting.

<https://www.aauw-ca.org/category/aauw-fund-internal/>



Make a donation to AAUW Fund and note that it is
“In honor of AAUW California Fund Event.”