



Patient and Practitioner Empowerment Through AI

Presented by the Māpuna Lab
& Lilinoe Kauahikaua, MSW - Papa Ola Lokāhi



Opening Protocol



Image Description:

Depicted to the right is an **ahu** adorned with ho'okupu of pū'olo, lēi lā'ī, and pa'akai symbolizing the wealth of blessings and knowledge that our training series offers to participants this summer.

Please take some time to introduce yourself in the chat.

Who are you?

What mountain and waters do you belong to?

Where are you tuning in from?

If you have the means to do so, feel free to grab some water and a bite to eat before settling in.

We'll begin the Opening Protocol with a pū shortly.



Artwork & Photo credit:
Keali'imakamano'nalani Po'oloa

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KACEV



Hū Ka Wai Māpuna

Arranged by Kauilanuimakehaikalani Kealiikanakaoleohaililani

Hū ka Wai Māpuna
Māpuna kapu ka hāhā
Ha‘a inu, Ha‘a ola
Ha‘a kapu, Ha‘a noa
E nā kupukupu
O nā kupuna e
E mālama ka māpuna
Mālama ka māpuna e
I ola loa e, i maui ola e.

*Conflict is the catalyst for evolution
More to surface, less to hide
Held by systems of ancestral resilience
I sustain the process of truth-telling,
healing, and emotional intelligence
to heal generational trauma and disparity
to go beyond performative health
to truly be well*



‘O Wai Au

‘O wau ‘o Marion Ano.

Noho mai ma Nu‘uanu.

‘O Uakoko ku‘u ua.

‘O Ko‘olau ku‘u mauna!



Ho‘i ka ‘o‘opu ‘ai lehua i ka māpunapuna

The lehua-eating goby returns to the spring.
Said of one who has gone back to the source.
(Pukui #1034)

The **MĀPUNA LAB** is a place of respite for those experiencing colonial trauma. Our work is na‘au centered and focused on health and healing. Guided by ‘ōhi‘a lehua as our teacher, an endemic Hawaiian tree, we work in reciprocity and partnership in healing the chronic and existential pain of historical and intergenerational trauma with our Pacific Islander brothers and sisters.

Viewing the land as our communities and health as water cycle resilience, the lab looks to the cloud catching, truth-telling, ‘ōhi‘a lehua (*Metrosideros polymorpha*) for ways to ho‘i ka wai, to remove seen and unseen emotional blockages to restore waters (waiwai) stolen by trauma.

Aimed at creating safe spaces for co-learning, the Māpuna Lab convenes all those who believe that when Indigenous leadership is uplifted, wellness is accessible to all.



Mapunalab.com



Learning Objectives

Objective 1: Participants will engage in an immersive learning experience and identify how empowering patients and practitioners through AI fits into the SAMHSA's Working Definition of Recovery.

Objective 2: Participants will learn how to empower themselves as patients or practitioners through AI.

Objective 3: Participants will understand how to utilize the The Impacts of Colonization on Ahupua‘a. Conceptualization, V3.0 to engage with AI as a tool to empower themselves as patients and/or practitioners.



Agenda

1. Opening Protocol

2. Consent to Deepen

3. Introduction to *The Impacts of Colonization on Ahupua'a Conceptualization V 3.0* by Papa Ola Lōkahi

4. SAMHSA Recovery Model & 12 Core Functions of a Substance Abuse Counselor

5. Tools for Empowerment

6. Chat GPT Demos

a. Patient Empowerment

b. Public Health Practitioner Empowerment

Break

7. Empowering AANHPI Healthcare: An Artificial Intelligence Primer by John Ano

8. Hānai Ahu

9. Closing Protocol



Consent To Deepen

E nā kupukupu o nā kupuna, e mālama ka māpuna

It is through our ancestral memory we acknowledge our systems of support that surround us, bear witness to our own resiliency, so that we may participate in the process of truth-telling, healing and emotional intelligence.



Papa Ola Lōkahi &
AANHPI 'Ohana
Center of Excellence
Presented by
Lilinoe Kauahikaua





AANHPI 'OHANA CENTER of EXCELLENCE

The AANHPI 'Ohana Center of Excellence is your source for empowerment, education, and support for individuals seeking behavioral healthcare, including mental health and substance use resources. We center (w)holistic and cultural approaches to serving the needs of the Asian American, Native Hawaiian, and Pacific Islander communities.

We also provide training and technical assistance for those working in the fields of substance use, behavioral, and mental health to better serve the needs of the Asian American, Native Hawaiian, and Pacific Islander communities through culturally responsive care.

The AANHPI 'Ohana Center of Excellence serves a diverse group of populations of Asian Americans, Native Hawaiians, and Pacific Islanders living in the U.S., U.S. Associated Pacific Islands, Puerto Rico, and U.S. Virgin Islands.



Papa Ola Lokahi

Composed by Aunty malia Craver for Papa Ola Lōkahi,
‘Ea na ‘Anakala ‘Iokepa DeSantos

Oli Heahea

Aha hea kēia, nou lā e nā ‘ohana
Pua mae ‘ole e, o ka ‘āina mālie
Ahe nani wale nō, i ka maka aloha
Eia kahi leo ē, e pane mai ho‘i lā
Aloha ē, aloha ē, aloha ei...ei...ē

Request to Enter

This is our call for all the family
Oh fadeless children of this calm land
Indeed, you‘re beautiful to our eyes with love
Oh hear our request, Oh do give us an answer
Greetings of love, greetings of love, greetings
of love





Papa Ola Lokahi
Nāa I ka Pono Na Me

Papa Ola Lōkahi



Papa Ola Lokahi
Nāa I ka Pono Na Me

Native Hawaiian Health Care Improvement Act

The Congress hereby declares that it is the policy of the United States in fulfillment of its special responsibilities and legal obligations to the Indigenous People of Hawai'i resulting from the unique and historical relationship between the United States and the government of the Indigenous People of Hawai'i:

- To raise the health status of Native Hawaiians to the highest health level
- To provide existing Native Hawaiian health programs with all resources necessary to effectuate this policy

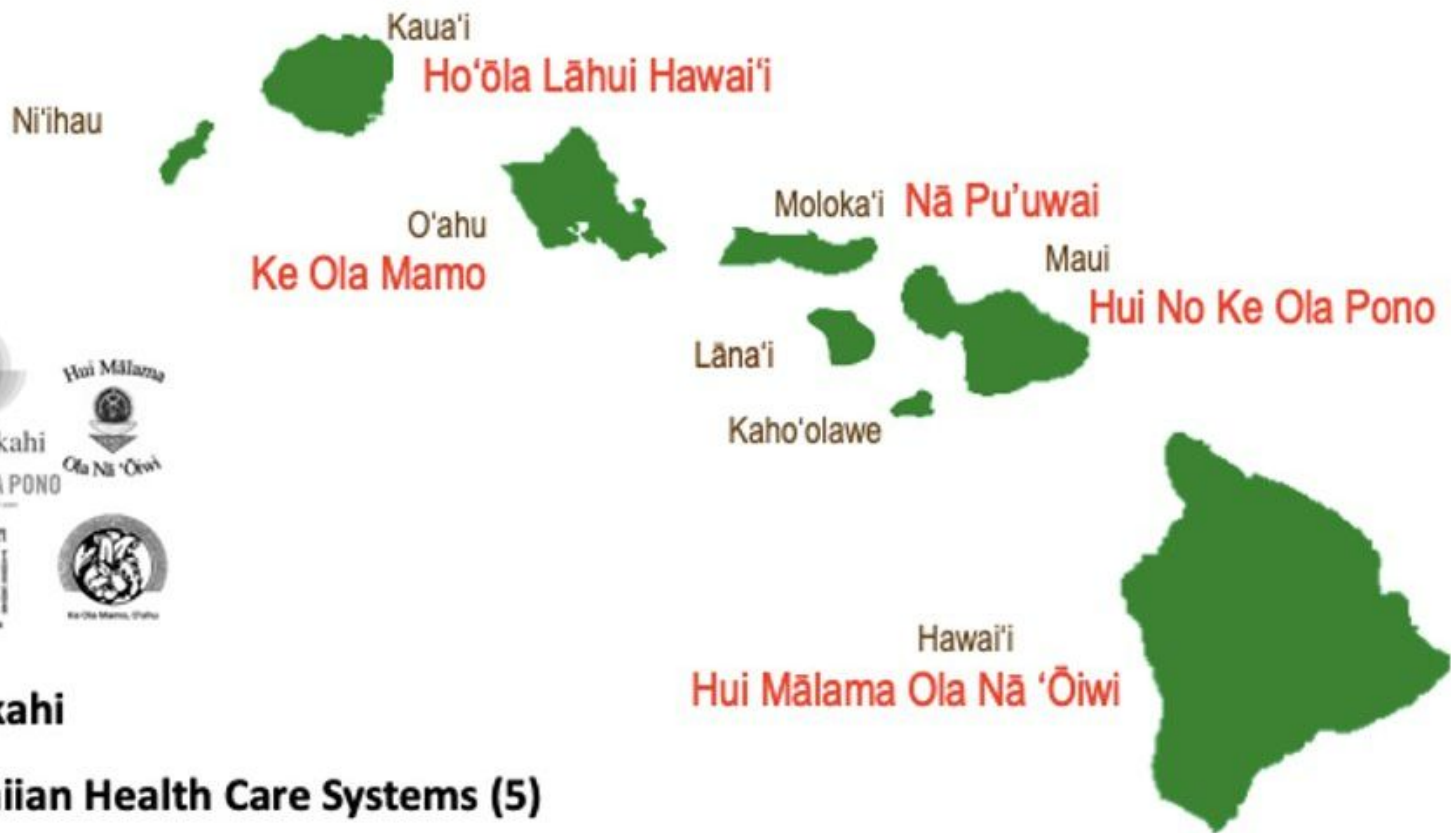
Reauthorized in 1992 as Native Hawaiian Health Care Improvement Act (NHHCIA)

(P.L. 102-396).

Reauthorized in 2010 via the Affordable Care Act.



Papa Ola Lōkahi



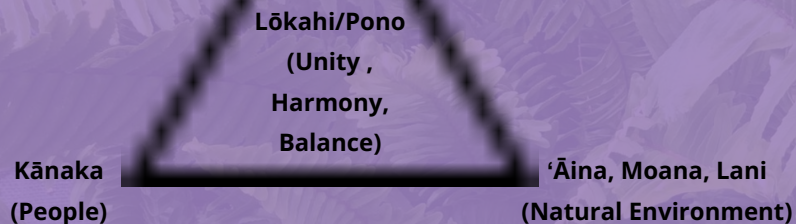
- Papa Ola Lōkahi
- Native Hawaiian Health Care Systems (5)
- Native Hawaiian Health Scholarship Program

Framework for the Hawaiian Perspective

Source: Richard "Likeke" Paglinawan

Akua/Nā Aumākua
(Higher power, spiritual guardians)

**Macro Level
(World View)**



'Uhane (Sprit)

**Micro Level
(Individual View)**

Lōkahi/Pono
(Unity,
Harmony,
Balance)

Kino (Body)

Mana'o, Na'au
(Mind, Gut feeling)



Papa Ola Lokahi
Nāna i ka Pono Na Me

I ka wā ma mua, I ka wā ma hope

Prior to European contact, Native Hawaiians understood that health must include balance between

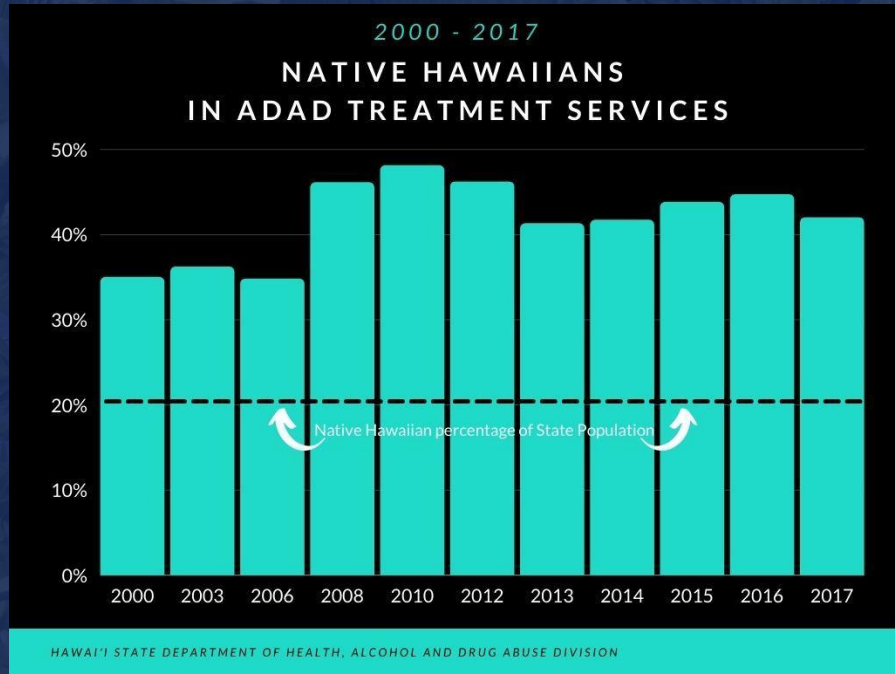
- Mind
 - Body
 - Spirit
 - Individual/family /community
 - Environment
 - Spirituality
- =Mauliola

Western Influence & Colonization



= Imbalance, Shifted Paradigms,
Cultural/Historical/Intergenerational Trauma, H
Disparities

Manifests as Mental Health & Substance Use



NH consistently overrepresented in
Addiction treatment for over 2 decades

Highest incidences of behavioral health
problems

Higher prevalence of depression (13%)
than the state's overall population (8%).

Suicide rate among NHs ages 15–44 is the
highest compared to all of Hawaii's major
ethnic groups.

'Imi Ke Ola Mau

In order for Kanaka Maoli to heal...

"We need a sense of self, retrieved from our past through ancestors, present through purpose, and future through descendants. We need the resiliency and protection our culture provides, in order to prevent relapse and redefine ourselves away from pathological diagnoses"



Papa Ola Lōkahi

*We need the resiliency and protection that culture provides through...
language, traditions,
ceremonies, ancestral
knowledge*



Native Hawaiians need not become Western to heal

"We need a sense of place to anchor values and balance life. Beyond Western practices, Native Hawaiians need to care for the aina, which they understand to deeply care for them"



Papa Ola Lōkahi



Papa Ola Lōkahi
Nana I Ka Pōto Na Ma

Ahupua'a Model



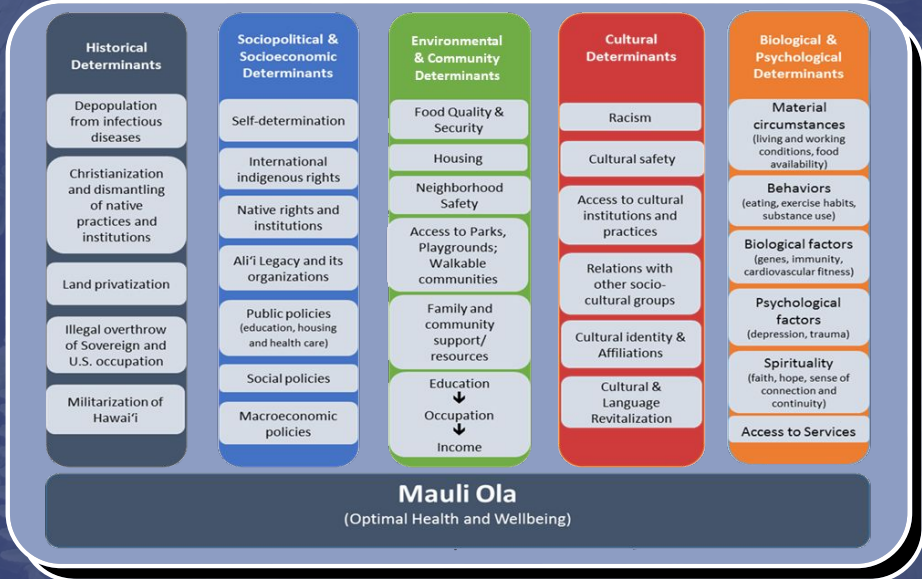
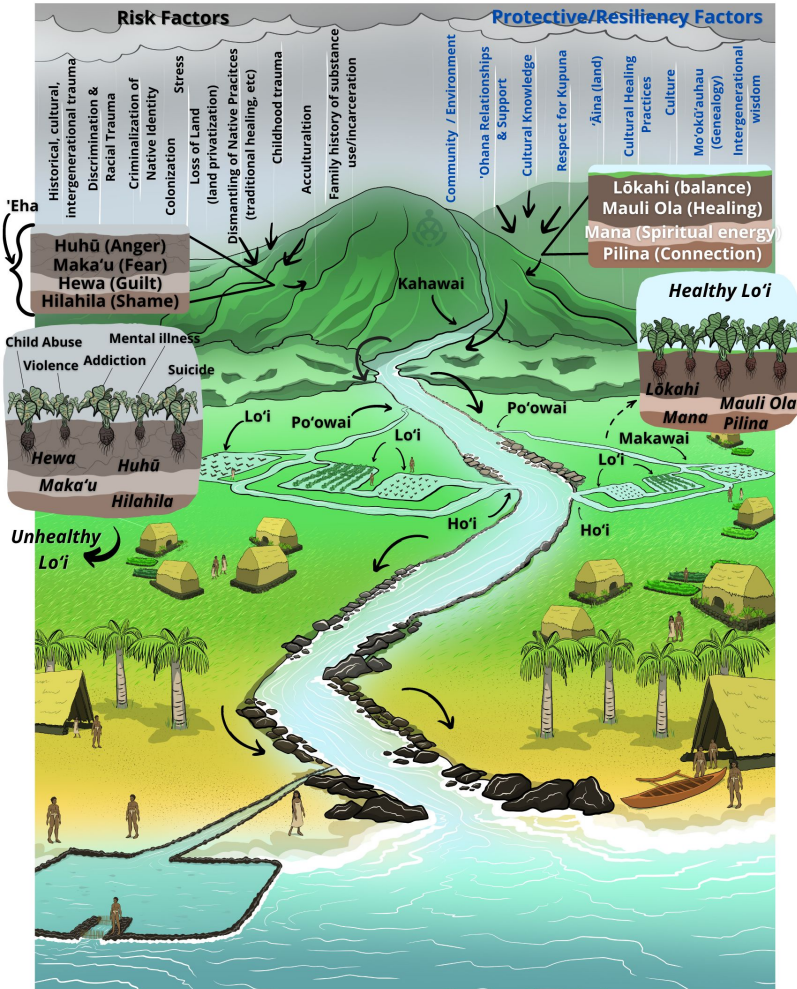
Papa Ola Lokahi
Nana I Kai Pono Na Ma

Influenced by White Bison & Healing Forest

Dr. Keawe Kaholokula's Social & Cultural Determinants of Health

Artist - Kimo Apaka

- Interconnected Systems
- Each system must be healthy for all to flourish
- Water Cycle
- Intergenerational
- Collective



Ahupua'a Model



Papa Ola Lokahi
Nana I Kai Pono Na Ma

Influenced by White Bison & Healing Forest

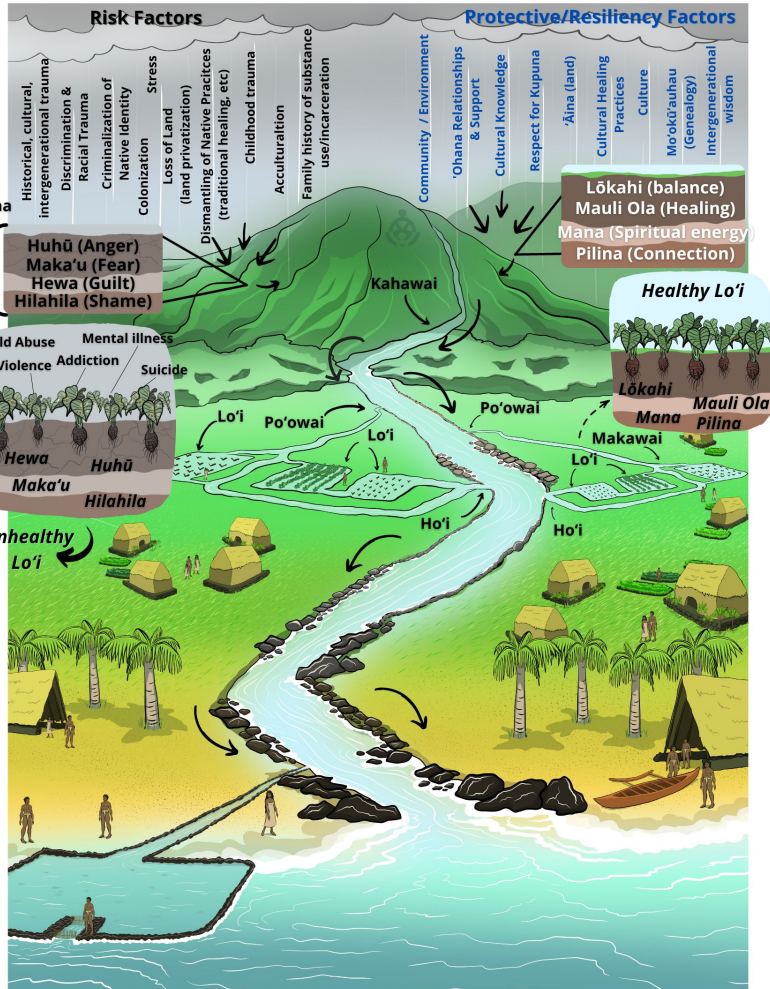
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SCAN ME



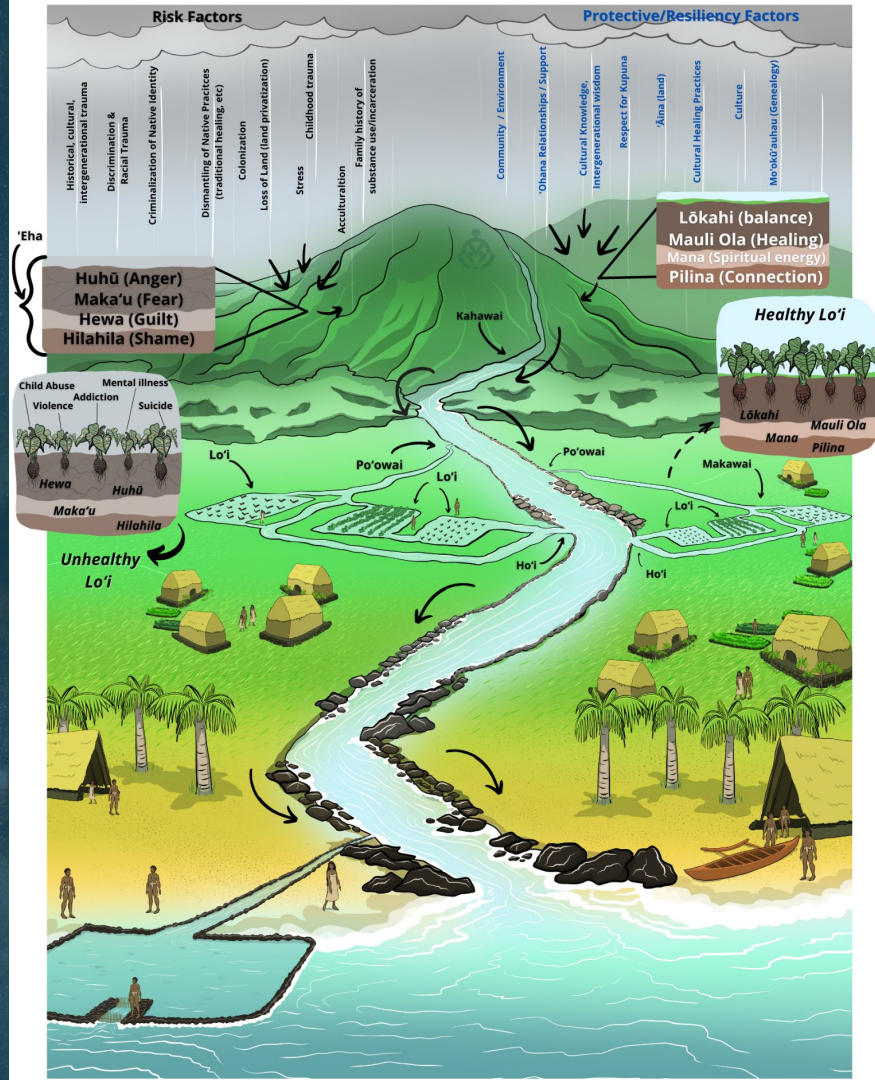
Framework Overview



Papa Ola Lōkahi

*The Impacts of
Colonization on Ahupua'a.
Conceptualization, V3.0*

Questions to consider:
What is your ahu?
What is your pua'a?



Framework Overviews

SAMHSA's Working Definition of Recovery

"A standard, unified working definition [of recovery] will help advance recovery opportunities for all Americans, and help to clarify these concepts for peers, families, funders, providers, and others."

- Hope
- Purpose-Driven
- Many Pathways
- Holistic
- Peer Support
- Relational
- Cultural
- Addresses Trauma
- Strengths/Responsibility
- Respect

12 Core function of a Substance Abuse Counselor (CSAC)

Substance abuse counselors are expected to show competency in the 12 Core Functions of substance abuse treatment.

- Screening
- Intake
- Orientation
- Assessment
- Treatment Planning
- Counseling
- Case Management
- Crisis Intervention
- Client Education
- Referral
- Report and Record Keeping
- Consultation with other Professionals in Regard to Client Treatment and Services

SAMHSA's Working
Definition of
Recovery

CSAC



Empowering AI



“Still, most culturally critical approaches to AI call for prioritizing the flourishing of humans over all else.”

Indigenous Protocol and Artificial Intelligence Working Group



ChatGPT Demo: Patient Empowerment



Empowering Ourselves as Patients

Scenario:

Having mental health troubles, and you want to talk to a professional.

Navigating insurance is difficult, and you have no idea how to find a therapist covered by insurance, or if your insurance will even pay for it.

Question 1:

How do I check if my insurance covers mental health services like therapy and/or medication?

Question 2:

How can I find a therapist that is covered by my insurance policy?



ChatGPT Demo: Public Health Practitioner Empowerment



What are important ethical codes to have in place for the development of AI and digital health for substance use care?

Pilina

Data
sovereignty

Self
determination



Empowering Ourselves as Practitioners

Scenario:

Creating a treatment plan for a patient of a different cultural background
(Laotian)

Question 1:

What questions can a
substance use counselor
ask ChatGPT for
culturally sensitive care?

Question 2:

Are there any traditional
healing practices or
alternative therapies for
Laotian patients that they
find helpful or would like to
incorporate into their
treatment plan?



Break



Word Search

1. Empowerment
2. Patient
3. Practitioner
4. Artificial
5. Intelligence
6. Ahupua'a
7. Chatgpt
8. Public
9. Health
10. Indigenous
11. Protocol
12. AANHPI
13. Involvement
14. Engagement
15. Neurons
16. Math
17. Model
18. Space
19. Future
20. Sovereignty
21. Technology
22. Native
23. Hawaiian
24. Database
25. Connections

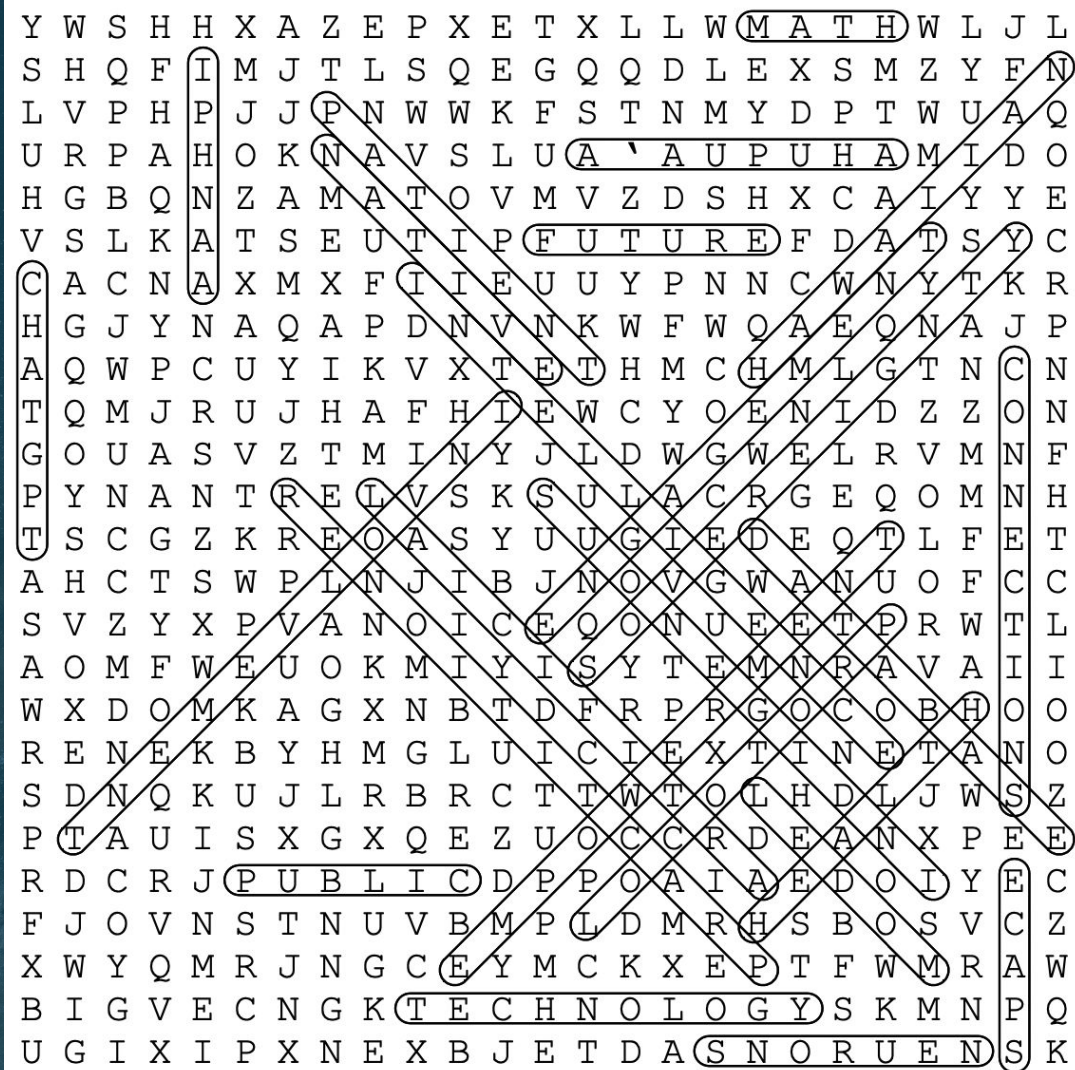


Y W S H H X A Z E P X E T X L L W M A T H W L J L
S H Q F I M J T L S Q E G Q Q D L E X S M Z Y F N
L V P H P J J P N W W K F S T N M Y D P T W U A Q
U R P A H O K N A V S L U A ' A U P U H A M I D O
H G B Q N Z A M A T O V M V Z D S H X C A I Y Y E
V S L K A T S E U T I P F U T U R E F D A T S Y C
C A C N A X M X F I I E U U Y P N N C W N Y T K R
H G J Y N A Q A P D N V N K W F W Q A E Q N A J P
A Q W P C U Y I K V X T E T H M C H M L G T N C N
T Q M J R U J H A F H I E W C Y O E N I D Z Z O N
G O U A S V Z T M I N Y J L D W G W E L R V M N F
P Y N A N T R E L V S K S U L A C R G E Q O M N H
T S C G Z K R E O A S Y U U G I E D E Q T L F E T
A H C T S W P L N J I B J N O V G W A N U O F C C
S V Z Y X P V A N O I C E Q O N U E E T P R W T L
A O M F W E U O K M I Y I S Y T E M N R A V A I I
W X D O M K A G X N B T D F R P R G O C O B H O O
R E N E K B Y H M G L U I C I E X T I N E T A N O
S D N Q K U J L R B R C T T W T O L H D L J W S Z
P T A U I S X G X Q E Z U O C C R D E A N X P E E
R D C R J P U B L I C D P P O A I A E D O I Y E C
F J O V N S T N U V B M P L D M R H S B O S V C Z
X W Y Q M R J N G C E Y M C K X E P T F W M R A W
B I G V E C N G K T E C H N O L O G Y S K M N P Q
U G I X I P X N E X B J E T D A S N O R U E N S K



Word Search Answers

- | | |
|-----------------|-----------------|
| 1. Empowerment | 13. Involvement |
| 2. Patient | 14. Engagement |
| 3. Practitioner | 15. Neurons |
| 4. Artificial | 16. Math |
| 5. Intelligence | 17. Model |
| 6. Ahupua'a | 18. Space |
| 7. Chatgpt | 19. Future |
| 8. Public | 20. Sovereignty |
| 9. Health | 21. Technology |
| 10. Indigenous | 22. Native |
| 11. Protocol | 23. Hawaiian |
| 12. AANHPI | 24. Database |
| | 25. Connections |



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Please complete the Center of Excellence Post Survey

https://sjsu.qualtrics.com/jfe/form/SV_7NTbOIZNxzvdvIW



Empowering AANHPI Healthcare: An Artificial Intelligence Primer Presented by John Ano



Hānai Ahu:
What is your ahu?
What is your pua‘a?



Closing Protocol



Mana'o I'o

Respond at

PollEv.com/mapunalab361

Or Text

[MapunaLab361 to 376007](tel:376007)



Database Shoutout & Demo

mapunalab.com/hanai-ahu/webinar-eight/

Show 10 entries

Search: _____

Resource Type ▲	Title ▲	View Resource ▲	Tech Tag ▲
Online Article	Researchers outline how AI chatbots could be approved as medical devices	View Resource	AI Chatbots, LLM (Large L
Online Article	Smart watches could detect Parkinson's up to seven years before hallmark symptoms appear	View Resource	Wearable Tech, AI
Online Article	Google Cloud Collaborates with Mayo Clinic to Transform Healthcare with Generative AI	View Resource	Cloud Technology
Online Article	A responsible path to generative AI in healthcare	View Resource	Generative AI, LLM (Large
Online Article	Improving search experiences with Enterprise Search on Gen App Builder	View Resource	Generative AI, Machine Le
Online Article	Apple is reportedly building a paid AI health coach	View Resource	AI, Wearable Tech
Online Article	Apple is reportedly developing its own journaling app for the iPhone	View Resource	mHealth
Podcast Episode	A.I. Could Solve Some of Humanity's Hardest Problems. It Already Has	View Resource	AI, AI Chatbots

Showing 1 to 8 of 8 entries



Resources

1. [Slack-Key Master Led Kaapana Performs "Kolomona Slack Key" \(Acoustic Guitar Sessions\)](#)

2. [SAMHSA's Working Definition of Recovery](#)

3. [12 Core Functions of a Substance Abuse Counselor](#)

4. [Ahupua'a Model](#)

5. [ChatGPT](#)

6. [GPT4](#)

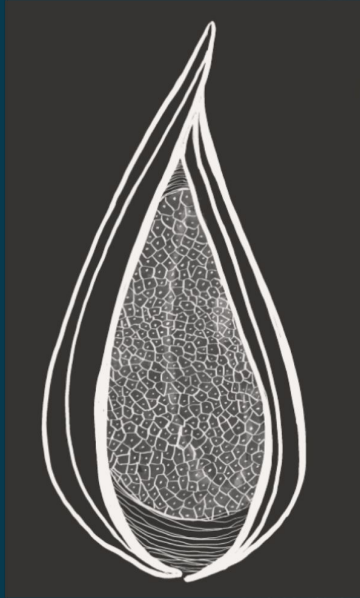
7. [Indigenous Protocol and Artificial Intelligence Position Paper](#)

8. [Ukulele Sessions: Slack-Key Master Ledward Ka'apana](#)

9. [Webinar 8 Database](#)



Hawai'i TRAIN & YouTube



‘Ulu State Disaster Response

Native Hawaiian Cultural Intervention



Artwork by Keali ‘imakamana ‘onalani Parker Po ‘oloa



Evaluation

Please complete the evaluation feedback survey:

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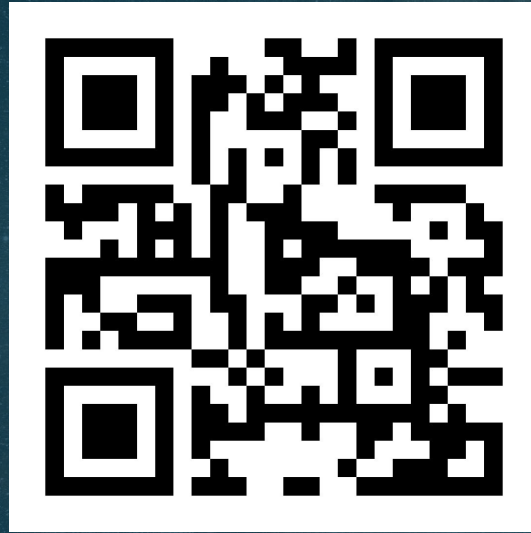
The evaluation is required to receive Continuing Education Units (CEUs).

We look forward to your feedback



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SCAN THE QR CODE TO REGISTER



**HĀNAI AHU:
ANCHORING CULTURE IN SUBSTANCE USE
TREATMENT & PREVENTION MODELS**

Makawalu Na'au'ao Primary Prevention

Curriculum for Substance Use:

Reconnecting to Culture



PRESENTED BY THE AANHPI 'OHANA CENTER OF EXCELLENCE & MĀPUNA LAB

Part 1

**Looking to the Past: Substance Use
Curricula Overview with Kanoelani
Davis**

Thursday, July 06, 2023
12PM-1:30PM

Part 2

**Knowing Our Audience: Meeting Our
Youth Where They're At in Hawai'i
and Abroad with Trevor Atkins**

Wednesday, July 12, 2023
10AM-11:30AM

Part 3

**Train the Trainers: Curriculum
Framework & Application**

Wednesday, July 19, 2023
10AM-11:30AM

Part 4

Next Steps: Development and Launch

Wednesday, July 26, 2023
10AM-11:15AM

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Hū Ka Wai Māpuna

Arranged by Kauilanuimakehaikalani Kealiikanakaoleohaililani

Hū ka Wai Māpuna
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More to surface, less to hide
Held by systems of ancestral resilience
I sustain the process of truth-telling,
healing, and emotional intelligence
to heal generational trauma and disparity
to go beyond performative health
to truly be well*



“But for all technical wizardry,
without our brains as a blueprint,
AI as we know it today would not
exist”



A Checklist:

Integrating the ahupua'a model
into AI tools to help build bridges
between patients and
practitioners?



How can we integrate the ahupua'a model



How Can We Move Digital Health Forward in Through AI?

How do you imagine AI as a tool to empower patients and practitioners?

How can the ahupua'a model help to guide the use of AI in substance use care?

