



IMPACT REPORT
2020-2021

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About the TB Elimination Alliance

In 2020, more than 7,100 cases of tuberculosis (TB) were reported in the United States, however, Asian persons continue to be impacted by TB at a greater rate compared to other racial and ethnic groups. TB cases among the Asian populations have the highest incidence rate of 13.1 cases per 100,000 persons, and Native Hawaiian/Pacific Islander (NH/PI) populations have the second highest incidence rate of 12.5 cases per 100,000 persons. To address these TB incidence inequalities, the TB Elimination Alliance (TEA), formerly the TB Community Engagement Network, works closely with community leaders to share and learn culturally and linguistically appropriate best practices focused on outreach to Asian American (AA) and NH/PI communities with the highest TB burden.

Over the course of TEA's conception and implementation, we have convened more than 146 partners at its first annual TB Summit; offered 10 mini-grant awards totaling \$100,000; developed its Strategic Plan geared toward activities related to Collaboration & Partnerships, Community Engagement, Access to Testing & Treatment, Provider Education, and Research & Data; given over 10 presentations to CDC and TB partners; and launched a new logo, brand, website, and social media channels.



**Healthy Communities
Free of Tuberculosis**

Our Mission

Established in July 2020, TEA, led by the Association of Asian Pacific Community Health Organizations (AAPCHO), Asian & Pacific Islander American Health Forum (APIAHF), Hepatitis B Foundation (HBF), and Stop TB USA, with the support of the Centers for Disease Control and Prevention (CDC), is a national partnership of community leaders dedicated to eliminating Latent TB Infection (LTBI) and TB inequities among AA and NH/PI through education, raising awareness, and innovation. For more information about TEA, please visit www.tbeliminationalliance.org.





Raise awareness about the link between LTBI and TB disease, address misperceptions, decrease stigma, and encourage and facilitate testing and treatment for LTBI and TB



Increase awareness of the recommended shorter treatment regimen for LTBI



Create a culturally and linguistically appropriate LTBI and TB education, training and community engagement resources and activities that resonate with high priority AA and NH/PI communities



Encourage providers to test and treat LTBI among at-risk populations



Our Goals

Strategic Plan 2021-2022

Community Engagement

Conduct outreach to underserved AA and NH/PI communities with the highest TB burden.

Provider Education

Share resources and best practices among providers.

Collaboration & Partnerships

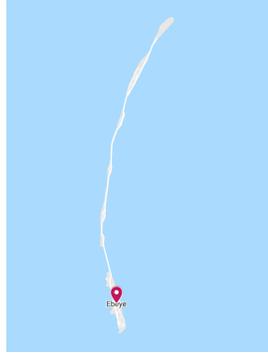
Develop partnerships to scale existing initiatives.

Research & Data

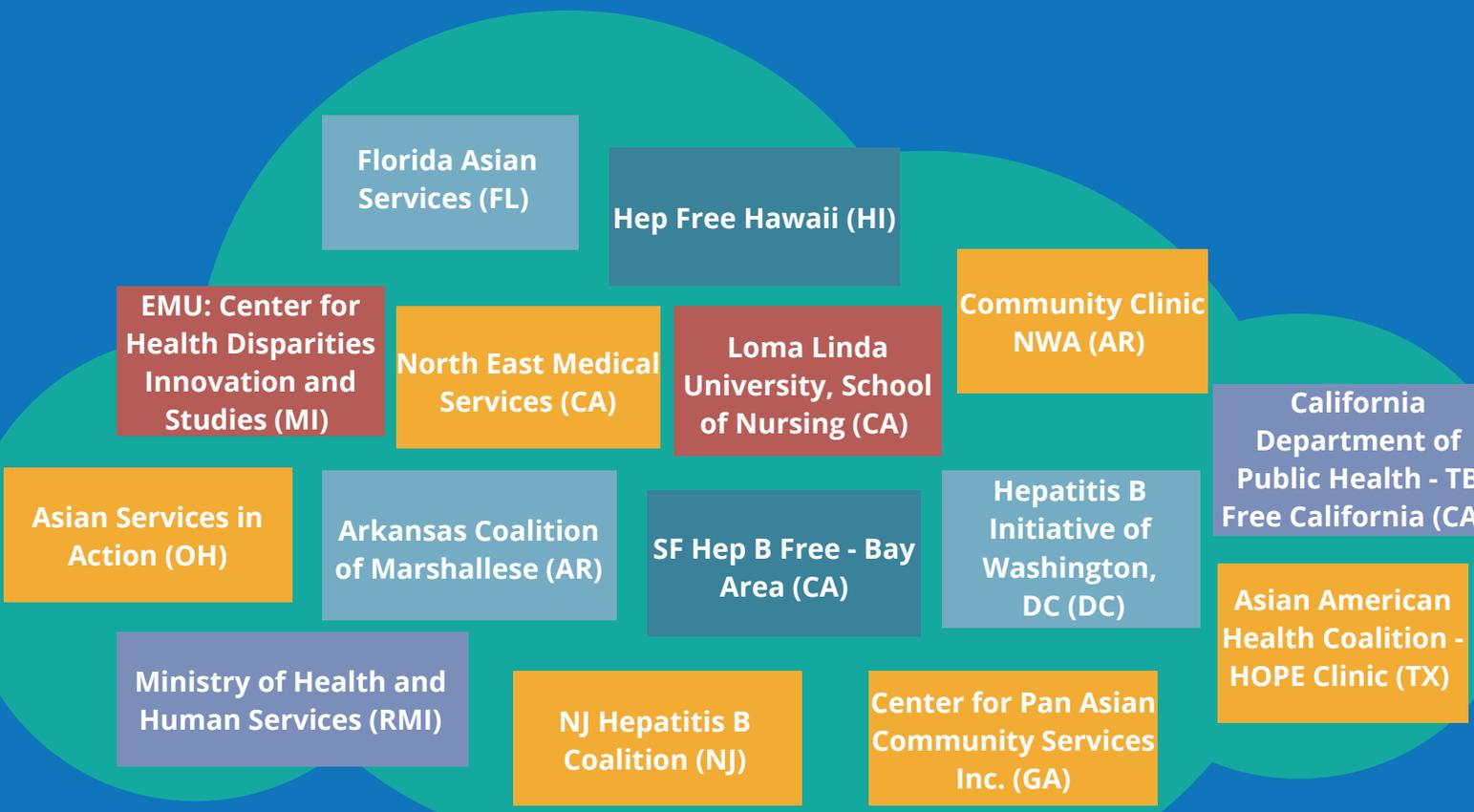
Identify and share resources on systems and strategies to improve or implement policies and procedures.

Access to Testing & Treatment

Increase awareness and understanding of culturally and linguistically appropriate strategies.



15 Local Partners



- Local/State Coalition
- Community Health Center
- Community Based Organization
- Academic Institution
- State/City/County Health Agency

Capacity Building Requests by Local Partners

Collaborations

Policy
Advocacy

Knowledge
& Education

Resources

Grant
Funding

How does TEA support our local partners?

- Communications
 - Social Media Campaigns
 - Website Promotion
 - Share Best Practices
- Partnerships
 - Mini-Grant Partnerships
- Programs & Services
 - Annual TB Summit
 - Training and Technical Assistance
 - Monthly Meetings

Make a
difference by
becoming a member
today.



Who do our partners serve?

- Patients with limited English proficiency
- Immigrants and refugees
- Limited or no health coverage
- People living with or at risk for HIV/AIDS
- Substance Abuse
- AA and NH/PI Groups
 - Filipinx
 - Indians
 - Vietnamese
 - Chinese
 - Nepalese
 - Burmese
 - Marshallese



Did you know? 14 million Americans age five or older speak an Asian or Pacific Islander language at home. Of these, 27% report their ability to speak English as less than “very well”.

Source:
[United States Census Bureau, 2019](#)



"I do not have enough words to express my gratitude that TEA exists to support TB elimination efforts within AANHPI communities by centering community-led solutions. I am honored to serve along with TEA members and support wonderful organizations leading transformative TB prevention work. I am also deeply inspired by the dedication of TEA staff and the steering committee members. So much was accomplished in just one year and I eagerly look forward to the journey ahead with TEA."

Setie Asfaha, California Department of Public Health - TB Free CA, TEA Member

"As a TEA member, I have access to excellent TB elimination resources, opportunities to connect with members from different organizations, partnership opportunities, and access to grants for TB elimination projects. Without TEA, many community organizations, large or small, would not have the resources they need to fight TB."

Dr. Fayette Truax, Loma Linda University, School of Nursing, TEA Member

"The TB Elimination Alliance gave us the opportunity to increase our community efforts in helping to eliminate TB. Shared stories from around the country provides insight on the current strategies to fight against TB. Through community education, provider efforts, and effective outreach, individuals in all communities can collaboratively work together to decrease the number of TB cases in the U.S"

**Heather Kawpunna, Vivian Ching and Alnory Gutlay,
Center for Pan Asian Community Services Inc., TEA
Member/2020 Mini-Grant Recipient**

"The establishment of the TB Elimination Alliance has been key to bringing together community organizations and providers on the frontlines to share best practices and strategies used to raise TB awareness and increase LTBI testing and treatment in at-risk AANHPI communities."

**Dr. Amy Tang, North East Medical Services,
TEA Member/2020 Mini-Grant Recipient**

Mini-Grant Program

The main purpose of TEA's Mini-Grant program is to enhance LTBI and/or TB community engagement and education, provider education, and quality improvement. The population of focus is on AA and NH/PI communities, and supporting activities at the local level to advance the CDC's LTBI and TB campaign. For the 2020 program year, TEA offered 10 mini-grant awards totaling \$100,000.

2020 Recipients

- Arkansas Coalition of Marshallese (AR)
- Asian American Community Services (OH)
- Asian American Health Coalition - HOPE Clinic (TX)
- Asian Services in Action (OH)
- Center for Pan Asian Community Services Inc. (GA)
- Colorado Department of Public Health and Environment (CO)
- Fort Bend County Clinical Health Services (TX)
- North East Medical Services - NEMS (CA)
- San Diego County Medical Society Foundation, dba Champions for Health (CA)
- UCSF Benioff Children's Hospital Oakland (CA)



2020 Mini-Grant Abstracts

Arkansas Coalition of Marshallese

TB Education and Testing in the Pacific Islander Community in Arkansas

The Arkansas Coalition of Marshallese (ACOM) serves the highest population of Compact of Free Association (COFA) citizens living in the United States. For this one-year project, ACOM will partner with the John Bates Clinic under the Arkansas Health Department to provide virtual health education events to raise awareness about tuberculosis (TB) and promote TB testing. ACOM will also translate TB education materials that are culturally and linguistically appropriate for the Pacific Islander community in Arkansas.

Asian American Community Services

Reaching the hard to reach: A Community-based photovoice to increase tuberculosis education and awareness

Asian American Community Services will implement a one-year project to utilize Photovoice among members of the Asian American Community in Central Ohio, to share their perspectives and experiences on tuberculosis through photographs, narratives and reflections. The goal is to empower the community and raise awareness for tuberculosis (TB) prevention and care, and to promote culturally relevant TB education and screening.

Asian American Health Coalition - HOPE Clinic

Bridging the Tuberculosis Education Gap in AA/NHPI Communities

HOPE Clinic currently takes referrals from Harris County Public Health's Refugee Screening program for persons identified as tuberculosis (TB) positive and provides treatment for those who meet program criteria. HOPE Clinic also collaborates with the Houston Health Department to provide latent TB infection (LTBI) treatment in high-risk communities, especially to bridge accessible care to low income and the uninsured.

As a community safety net, HOPE Clinic is dedicated to educating and delivering the 12-dose regimen to treat LTBI. Through this collaboration, HOPE Clinic offers affordable therapy to patients onsite resulting in a completion rate above 80% improving TB treatment outcomes for vulnerable populations.

For this one-year project, HOPE Clinic will expand this model of care to all sites, training HOPE Clinic providers and clinical staff. Education on TB will be provided to resident physicians and other new hires, many of whom speak Asian American Pacific Islander (AAPI) languages. HOPE Clinic will also provide education for local independent practitioners and the local health authority, who also serve AAPIs. To support linguistic needs for provider and community education, HOPE Clinic will create a variety of in-language educational materials for both providers and patients.

Asian Services in Action, Inc.

TB Education and Screening in AAPI communities in NE Ohio

For this one-year project, Asian Services In Action, Inc. (ASIA) will increase the number of community based tuberculosis (TB)-focused outreach and education events held within local Asian American Pacific Islander (AAPI) communities. Over the project period, ASIA will provide linguistically-appropriate outreach and education about TB and Latent TB Infection (LTBI) to 200 individuals, with a focus on Chinese, Bhutanese, Burmese/Karen, Congolese, Indian and Afghani communities, resulting in 40 TB screenings. These efforts will occur in-person or virtually, as dictated by public health guidelines to achieve the following goals: Increase knowledge, within the refugee population, about TB/LTBI risk factors and help patients with TB/LTBI understand their diagnosis and proper follow-up;

Connect refugees at risk for TB/LTBI infection to the International Community Health Center (IHC) for screenings and primary medical care; This project will be guided by a Certified Nurse Practitioner (CNP) and will utilize in-language Community Health Workers (CHWs) to staff awareness and education events.

Center for Pan Asian Community Services Inc.

Health Equity Through Testing and Education (HETTE)

For this one-year project, Center for Pan Asian Community Services Inc. (CPACS) will implement projects targeted at Asian American Pacific Islander (AAPI) populations to:

- Create culturally and linguistically appropriate latent TB infection (LTBI) and tuberculosis (TB) education and training activities that resonate with AAPI communities
- Encourage and educate providers to test and treat LTBI among at-risk and AAPI populations
- Activities will be accomplished through the completion of up to three virtual educational/training sessions for providers and/or community members
- Provide up to eighty (80) drive-thru TB health screenings with the support of COSMO Health Center and the Georgia Department of Public Health

Colorado Department of Public Health and Environment

Building a Sustainable System for the Provision of TB Infection Services in the Primary Care Setting

For this one-year project, Colorado Department of Public Health and Environment will partner with the Colorado Alliance for Health Equity and Practice (CAHEP), a non-profit organization with approximately 70% of their patient population being Asian American (AA) and Native Hawaiian and Pacific Islander (NHPI).

Currently, screening, testing, and treatment for latent tuberculosis infection (LTBI) are only performed when a patient has had direct contact with an individual with tuberculosis (TB) disease (TBD) or has other significant risk factors for progression to TBD. Under this project, Colorado Department of Public Health and Environment will create a sustainable system that will enable CAHEP to provide ongoing screening, testing, and treatment for those with one or more risk factors, including those with compromised immune systems and persons immigrating from areas with high rates of TB. The Colorado State TB program will provide training and technical support for CAHEP providers and patient navigators. Topics for training and support include, but are not limited to, modification of the clinical workflow, IGRA testing and interpretation of results, TBI treatment options, when to suspect TBD and refer to public health, and common misconceptions about TB. As an additional partner, the Denver Metro TB Clinic will be available for consultation, to test and treat persons who are not insured, and as a referral network for individuals suspected of having active TB disease.

Fort Bend County Clinical Health Services

Fort Bend County Asian American TB Awareness Project

For this one-year project, Fort Bend County will raise awareness and provide culturally relevant education of tuberculosis (TB) to the residents of Fort Bend County from India/of Indian descent. Decreasing the stigma by dispelling the misinformation related to TB through partnerships with community organizations, healthcare providers and religious leaders will lead to increased acceptance of screening and treatment of TB infection and disease. The Fort Bend County Asian American TB Awareness project will engage in outreach activities quarterly by providing education to the community. Furthermore, based on the identified needs, screening, testing and treatment offered at outreach activity.

The Fort Bend County Clinical Services Department TB program seeks to decrease the burden of current infection and future disease through these ongoing efforts by increasing screening, treatment and completion of treatment in Fort Bend County residents from India/of Indian descent.

North East Medical Services

North East Medical Services' (NEMS) TB Elimination Program

For this one-year project, North East Medical Services (NEMS) will improve tuberculosis (TB) testing and treatment of at-risk patients through provider education and quality improvement of its electronic health record (EHR) and clinical workflows. NEMS will simplify its TB risk assessment form in the EHR to reflect California Department of Public Health's simplified risk assessment, integrate travel history into routine clinic intake procedures, work with its onsite pharmacy to ensure that preferred shorter treatment regimens are easy to order and readily available to patients, and work with the San Francisco Department of Public Health to educate providers on the preferred shorter treatment regimens recommended by the Centers for Disease Control and Prevention.

San Diego County Medical Society Foundation, dba Champions for Health

Collaboration for Action to achieve Results toward the Elimination of TB, CARE TB in the San Diego County Asian-Pacific Islander (API) Communities.

CARE TB is a private-public partnership consisting of two San Diego-based agencies, Champions for Health (CFH) and the San Diego County TB and Refugee Health Branch (TBCRHB), supported by the work of TB Free California (CA),

a partnership among the California Department of Public Health (CDPH), community clinics and health departments throughout California to eliminate TB. Our agencies each have a well-documented history of outreach and education to high-burden communities challenged by health disparities.

Together, we are a comprehensive, engaged response committed to reducing TB's burden in local API communities, specifically Filipino and Vietnamese. The core of CARE TB will be its advisory committee, consisting of API community members representing diverse organizations, including healthcare systems, service agencies, schools, LTBI/TB patients, and business organizations. The advisory committee is responsible for forming the LTBI/TB outreach agenda and reviewing and approving all educational resource recommendations, activities, and, eventually, the CARE TB Plan. Supporting the development of this plan is the County of San Diego TB Elimination Initiative (TBEI.) TBEI is responsible for developing San Diego County's overall TB elimination plan. TBEI has more than 45 participants at its current development stage, representing 27 agencies, with 35 of its members outside the SD County government. With the development of the plan, the CARE TB advisory committee members and its program will become part of TBEI to facilitate its sustainability and expansion.

UCSF Benioff Children's Hospital Oakland

Pediatric Latent TB Infection in Alameda County: Increasing Screening, Diagnosis and Treatment through Education and Enhancing the Electronic Medical Record

For this one-year project, UCSF Benioff Children's Hospital Oakland (BCHO) will:

1. Develop and pilot an latent tuberculosis infection (LTBI)-specific workflow in the Electronic Medical Record (EMR) to expand LTBI screening, diagnosis, and treatment among children of Asian-American, Native Hawaiian, and Pacific Islander (AA/NHPI) background.
2. Provide educational sessions to providers, patients and families to raise awareness about the risk of LTBI in children and the AA/NHPI community, to promote provider use of the EMR workflow, and to increase acceptance of LTBI care among patients and families.

To achieve these goals, expertise will be leveraged across BCHO, general pediatricians, pediatric infectious diseases specialists, local and state public health partners, and community representatives. BCHO will develop the EMR LTBI workflow at the BCHO Primary Care Clinic, and pilot the workflow and information sessions over 9 months with the goal to achieve at least a 25% increase in screening, diagnosis and treatment of pediatric LTBI.

"Fort Bend County Clinical Health Services would like to thank AAPCHO and TEA for the opportunity and support via the mini-grant project. This grant has allowed us the opportunity to conduct provider outreach at several clinics in the Fort Bend County area. We have built partnerships with these providers, while increasing awareness of latent TB infection. We've had the opportunity to provide the clinics in the area with education materials for the community to increase awareness of LTBI and TB disease. This project also allowed us to restructure logistics within the clinic workflow to create a fast track process to link to care for LTBI treatment. We look forward to future partnership opportunities with AAPCHO and TEA."

Alma Rangel, Fort Bend County Clinical Health Services, 2020 Mini-Grant Recipient

"The TEA mini-grant program provided us the opportunity to expand our focus in improving LTBI care in our community. It has allowed us to better engage with our institution, providers and community partners around the importance of LTBI screening, diagnosis and treatment, and the networking within the TEA mini-grant program gave us helpful feedback and support to address any challenges."

Dr. Devan Jaganath, UCSF Benioff Children's Hospital Oakland, 2020 Mini-Grant Recipient

"We would like to thank AAPCHO and TEA for the partnership and the support in the TEA Minigrant opportunity. This work has allowed HOPE Clinic to dive deeper into the resources and examine the needs of our patient population as well as the community further. Through the collaboration we have met new partners and have strengthened our own work to eliminate TB. We are ready to take on new challenges in the world of LTBI thanks to this support and partnership from TEA!"

Kara Green, FNP, Asian American Health Coalition - HOPE Clinic, TEA Member/2020 Mini-Grant Recipient

Mini-Grant Recipient Testimonials

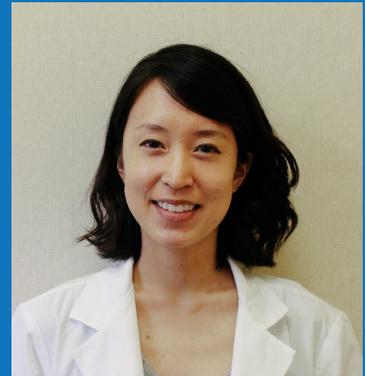
2020 TB Webinar

"Addressing Latent Tuberculosis Infection and Tuberculosis in Asian and Native Hawaiian/Pacific Islander Communities: The Role of Health Centers for Testing and Treatment"

On October 29, 2020, TEA hosted its first TB webinar with Dr. Shereen Katrak from the California Department of Public Health and Dr. Amy Tang from North East Medical Services to discuss LTBI and TB and the role of community health centers around testing and treatment.

Learning Objectives

1. Provide an overview of LTBI as a major driver of TB disease, and how TB disease represents a health disparity in the U.S. and its Territories
2. Discuss successful strategies for screening, testing, and treatment in high need populations in community health care settings
3. Learn about the new TB Elimination Alliance initiative



Amy Tang, MD,
*Director of Immigrant Health,
North East Medical Services*



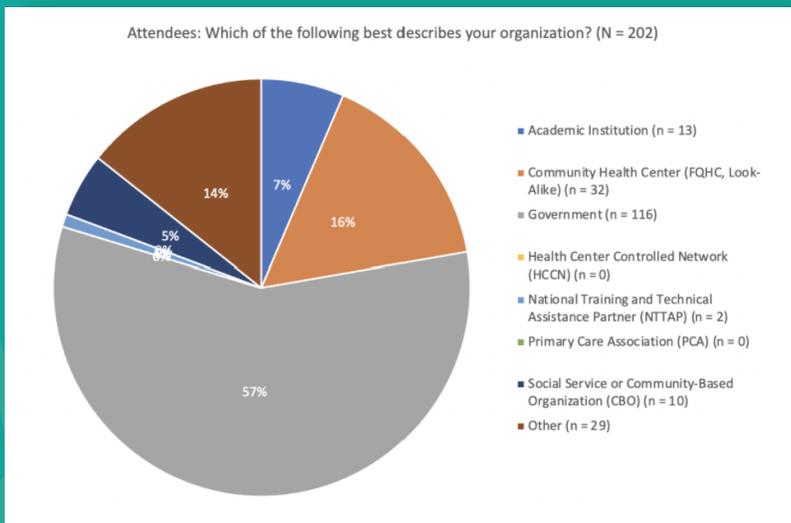
Shereen Katrak, MD, MPH,
*Director, TB Free California;
Tuberculosis Control Branch,
California Department of Public
Health*

Post-Webinar Evaluation & Analysis

Total number of attendees: 260

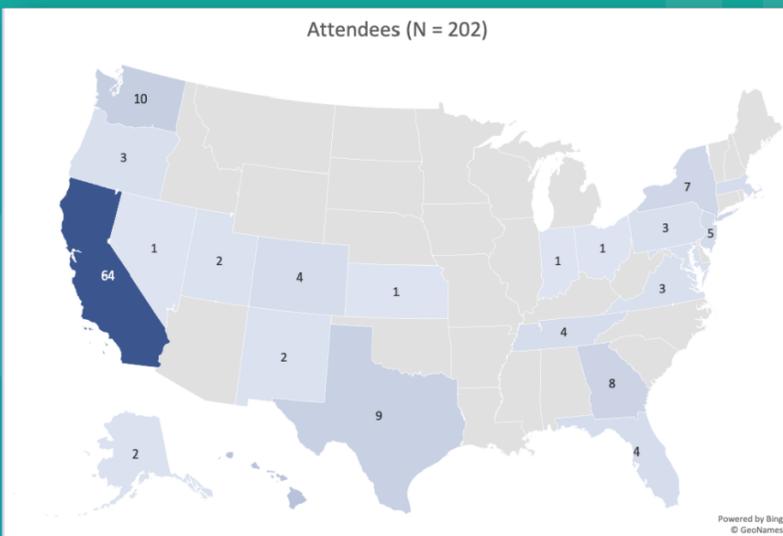
Types of organizations in attendance:

1. Government (n = 116)
2. Community Health Center (FQHC, Look-Alike) (n = 32)
3. Other (n = 29)



States in attendance:

1. California (n = 64)
2. Other (n = 45)
3. Hawaii (n = 15)
4. Washington (n = 10)
5. Texas (n = 9)



Images courtesy of AAPCHO

What were the main takeaways from the webinar?

- LTBI Care Cascade
- Risk assessment tool
- Testing and treatment options and cost

How would you rate the webinar on a scale of 1 to 5, with 5 being excellent?

	Avg.	No answer	1	2	3	4	5
Overall quality	4.6	0.0%	0.0%	2.2%	2.2%	32.6%	63.0%
Apply info in your work	4.3	0.0%	0.0%	0.0%	15.2%	43.5%	41.3%
Changes to your knowledge as a result of webinar	3.5	0.0%	0.0%	8.7%	43.5%	34.8%	13.0%

Comments & Questions

"Do you have any plans to cover TB testing/tx in the Marshallese or other large populations of Pacific Islanders who have emigrated to the mainland USA, and who have a high incidence of TB?"

"I thought the speakers did a great job with their presentations and that the moderation was excellent!"

TB SUMMIT

November 18-19, 2020

In the past year, TEA convened more than 146 partners at its first annual TB Summit. The summit theme, “Eliminating TB Together,” was inspired by the vision and goals of the TEA members. Over the course of two days, attendees had the opportunity to attend workshops and poster presentations by leading TB experts, networking sessions, a panel discussion with federal and regional partners, many of which focused on outreach to AA and NH/PI communities with the highest TB burden.

Provider Education

Latent TB Diagnosis and Treatment for Medical Providers

November 18, 2020

Total Live Views: 94

This workshop was a training for medical providers, focused on the importance of LTBI in preventing TB disease, and highlighted key clinical concepts of who is at risk, testing strategies for LTBI, as well as preferred regimens for treating LTBI, based on 2020 CDC guidelines.

Program Innovation & Partnerships

Putting the P in 3HP (Partnerships, Professionals, and Programming)

November 18, 2020

Total Live Views: 235

This workshop described the planning, inception, and implementation of the 3HP LTBI partnership between HOPE Clinic, an FQHC in Houston, Texas and the City of Houston, Division of Disease Prevention and Control. The presentation provided programmatic data and also touched on modifications of the program to allow for COVID-19 infection control and distancing recommendation including adaptations for video DOT.

Community Engagement

Community and Provider Initiatives
towards

TB Prevention in NYC

November 19, 2020

Total Live Views: 88

In New York City, TB disproportionately affects non-US-born New Yorkers with 84% of all TB patients in 2019 born outside the United States. With a goal of further reducing TB among high-TB burden communities living in New York City (NYC), the NYC Department of Health and Mental Hygiene (DOHMH), Bureau of TB Control (BTBC) works collaboratively with non-DOHMH healthcare providers and communities to prevent TB. This talk focused on two TB prevention initiatives, one community based, and one provider focused.

Quality Improvement

Developing a Latent TB
Infection (LTBI) Care
Cascade: LTBI Quality
Improvement and
Electronic Health Record
Implementation for High-
Risk Health Care Settings

November 19, 2020

Total Live Views: 90

This workshop provided an in-depth overview of a health center's development of a LTBI Care Cascade as a quality improvement strategy.

Federal and Regional Partners Panel & Closing Remarks

November 19, 2020

Total Live Views: 314

The last session of the TB Summit featured speakers from TEA's federal and regional partners including the CDC Department of TB Elimination, Rutgers Global Tuberculosis Institute, Curry International Tuberculosis Center, Heartland National Tuberculosis Center, Southeastern National Tuberculosis Center, and National TB Controllers Association.

POSTER PRESENTATIONS

Asian American Community Services
TB Elimination Alliance

Asian American Health Coalition - HOPE Clinic

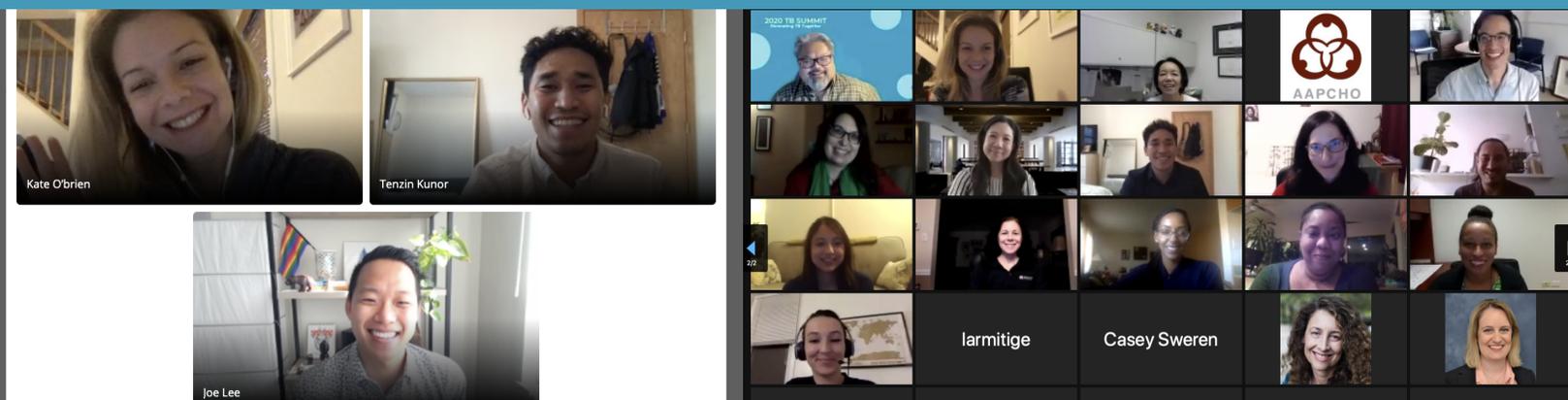
San Diego County Medical Society Foundation, dba Champions for Health
TB Centers of Excellence:

Curry International Tuberculosis Center, Heartland National TB Center, Global Tuberculosis Institute at Rutgers, Southeastern National Tuberculosis Center
Latent Tuberculosis Infection Testing and Treatment at a Federally Qualified Health Center in Southern California: A Quality Improvement Project



2020 TB SUMMIT Eliminating TB Together

“TEA has brought together leaders from local coalitions and national partners to ensure that those affected by TB and LTBI have culturally and linguistically appropriate health care they deserve... The members and partners in TEA are integral in building a strong foundation for future collaborations and partnerships in TB elimination.”
Jeffrey B. Caballero, MPH, Executive Director, AAPCHO



LIVE

Spotlight on Medical Assistant Role

- MA role in processing forms, 3HP medications, informing providers of abnormal symptoms reported
- Lessons learned from MA perspective
- Balancing 3HP with other job duties

Program Innovation & Partnerships: "Putting the P in 3HP: Partnerships, Professionals, and Programming" (CME/CNE)
18th November, 2020 - 12:15 PM - 01:05 PM

RATE: ★★★★★

#TBSummit2020

Workshop Title: Putting the P in 3HP: Partnerships, Professionals, and Programming

Description: This workshop will describe the planning, inception, and implementation of the 3HP LTBI partnership between HOPE Clinic a

What did you enjoy most about the TB Summit?

"Excellent presenters, seamless platform, engagement and discussion opportunities, poster session"

LIVE

HOPE/Houston Health Department 3HP Program

Total Enrolled	41
Completed	30 (6 Video DOT)
Treatment stopped/transitioned to alternate therapy regimen	3
In progress	3
Lost to follow-up	3 (1 moved, 2 unreachable)
Orders Canceled	2 (1 r/t LFT, 1 pt. refused)

Current Program Statistics

Program Innovation & Partnerships: "Putting the P in 3HP: Partnerships, Professionals, and Programming" (CME/CNE)
18th November, 2020 - 12:15 PM - 01:05 PM

RATE: ★★★★★

"The platform, presenters and the topics...unwavering commitment to the elimination of LTBI and TB"

"Being able to collaborate with others"

LIVE

Rifampin- Adverse reactions

- Hepatotoxicity
 - Rare severe hepatitis, more common when combined with c medications
- Asymptomatic hyperbilirubinemia (0.6%)
- Dermatologic: Pruritis, rash (up to 6%)
- Hypersensitivity reaction (0.07-0.3%)
- GI: nausea, anorexia, abdominal pain
- Immune-mediated: thrombocytopenia, TTP, hemolytic anemia (<0.1%)
- Orange discoloration of body fluids

Provider Education: "Latent TB Diagnosis and Treatment for Medical Providers" (CME/CNE)
18th November, 2020 - 12:15 PM - 01:05 PM

RATE: ★★★★★

#TBSummit2020

Workshop Title: Latent TB Diagnosis and Treatment for Medical Providers (CME Offered)

Description: This workshop will be a training for medical providers, focused on the importance of latent TB infection (LTBI) in preventing TB disease, and highlight key clinical concepts of who is at risk, testing strategies for LTBI, as well as preferred regimens for treating LTBI, based on 2020 CDC guidelines.

"This was a class act all the way around. Looking forward to working with you again soon."

"Great work, Covid or no Covid you did very well guys!"

TB Learning Collaborative

March-April 2021

In March-April 2021, AAPCHO and TEA organized an online Learning Collaborative for interdisciplinary healthcare providers and administrators from health centers, community-based organizations, and public health departments to explore quality improvement strategies for standardized LTBI testing and treatment data collection.

Learning Collaborative Goals:

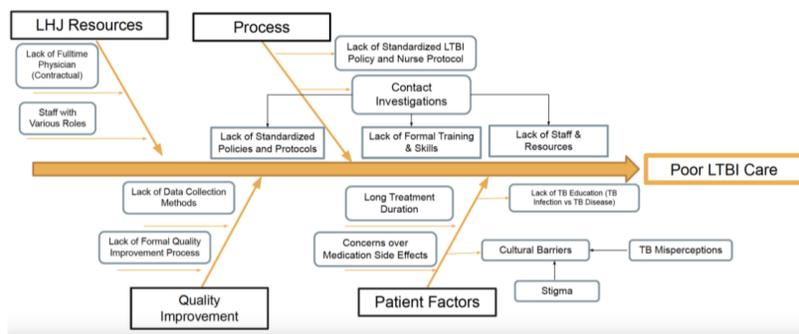
- Develop local solutions to improve LTBI management
- Build a transformative quality improvement agenda
- Learn from Subject Matter Experts - challenges, best practices, and peer-to-peer learning

This Learning Collaborative was supported by the CDC and the Health Resources & Services Administration (HRSA); and modeled after quality improvement initiatives created by TB Free California. TB Subject Matter Experts for this Learning Collaborative included:

- **Amy Tang, MD**, Director of Immigrant Health at North East Medical Services (California)
- **Fayette Nguyen Truax, PhD, RN, CPNP-PC**, Assistant Professor, Nurse Practitioner at Loma Linda University (California)
- **Kara Green, FNP**, Clinical Director, Family Practice and Continuous Quality Improvement Officer at Asian American Health Coalition - HOPE Clinic (Texas)



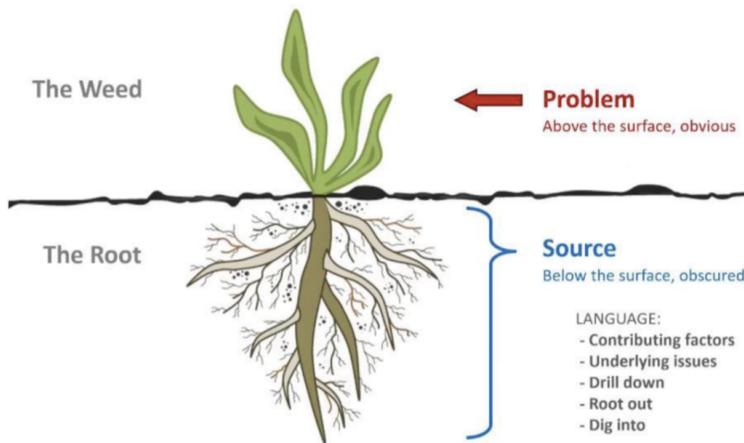
Case Study 3



SMART SOLUTIONS

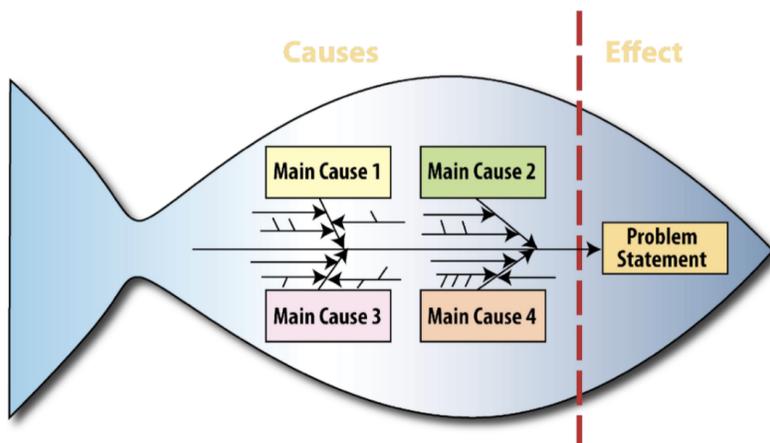
Main Cause	Specific	Measurable	Attainable/Achievable	Relevant (Yes/No)	Time Bound
Difficulty in establishing partnership w/ community clinics/ low cost providers	Identify target community clinic/provider	Present plan to health department program manager	Initiate contact with key personnel in community clinic (CFO/CMO), set appointments and follow-thru to build rapport	Yes	1 month
Visibility of health department/TB control	Create awareness in community clinic/ low cost providers	Discuss avenues, means/resources needed to program manager	Participate in community fairs, do house calls, provide literatures/posters of program and services provided	Yes	1 year
Lack of information on clinics providing LTBI screening/ treatment	Build a database, update list of community clinics, low cost providers that screen and treats LTBI	Tap various programs to obtain partner, existing community clinics/providers	Do call outs, provide TB education- advocate for LTBI screening/treatment beyond active TB disease management	Yes	2 months
LTBI diagnosis/treatment not reportable in general (CS/B waivers, contacts accounted for)	"Encourage" reporting in partner community clinic/low cost provider (until it becomes a must for all in OC, CA)	Present plan to health department program manager then collaborate with partner clinics, PCPs.	Establish screening/ treating/ documentation and reporting "system" with partners	Yes	1 Year(?)

ROOT CAUSE ANALYSIS - THE CONCEPT



Source: ThinkReliability, 2018

FISHBONE DIAGRAM



Source: AIDS Education & Training Centers, 2007

Post-Learning Collaborative Rating:

- 6 Responses
 - 5 - Extremely Satisfied
 - 1 - Very Satisfied

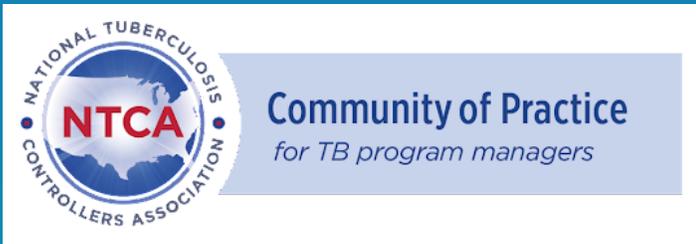
What did you learn from the Learning Collaborative?

“Fishbone diagram [helps] to find the causes for the main problem and [how to] use SMART objective for [the] solution”

“Persistence, rapport, identifying key personnel is vital in establishing a partnership with the healthcare community. Involvement by tailor-fitting to the specific needs of the community clinic is essential in promoting LTBI screening and treatment in the private sector.”

Acknowledgements

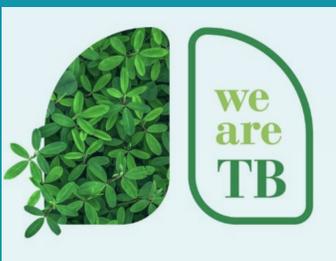
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National Tuberculosis Controller's Association (NTCA)

Centers of Excellences (COEs)

- Curry International Tuberculosis Center
- The Global Tuberculosis Institute at Rutgers
- Heartland National TB Center
- Southeastern National Tuberculosis Center



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