



Leveraging the COVID-19  
Pandemic to Conduct Hepatitis B  
Outreach, Education, and  
Screening

IT Solutions: Best Practices  
from HBI-DC

Presented by: Amy Trang, PhD  
December 9, 2021



# Who is Amy Trang?

- Founder and CEO of Social Capital Solutions, Inc. (<https://social-csi.com>)
- Featured viral hepatitis & COVID-19 projects (roles and responsibilities) through Social Capital Solutions, Inc.
  - Program Development Consultant and Interim Program Manager, HBI-DC (<https://hbi-dc.org>)
  - Administrator, National Task Force on Hepatitis B (<https://hepbtaskforce.org>)
  - Vice-President, Vietnam Viral Hepatitis Alliance (<https://vvha.org>)
  - Member, Hep B United National Advisory Committee (<http://www.hepbunited.org>)
  - Contracted Program Manager for George Washington University's "Local Community-Based Workforce to Increase COVID-19 Vaccine Access" project funded by HRSA

# Overview of HBI-DC

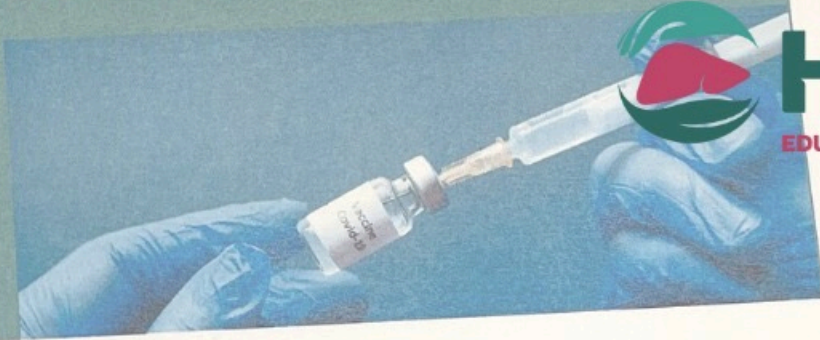
- 501(c)(3) nonprofit organization
- Through collaborative partnerships, we provide culturally and linguistically appropriate viral hepatitis outreach, education, screening, Hepatitis B vaccination, linkage to care, and patient navigation services for impacted communities.
- We also provide preventative health education for those who may be HIV co-infected and refer them to partnering organizations for additional screening, counseling, and care services.
- Vision: A world free from liver disease caused by viral hepatitis.
- Mission: HBI-DC's mission is to mobilize communities to prevent liver diseases caused by viral hepatitis among Asian Americans and Pacific Islanders, African immigrants, and other high-risk groups. Through collaborative partnerships, our organization provides culturally and linguistically appropriate viral hepatitis outreach, education, screening, Hep B vaccination, linkage to care, and patient navigation services for impacted communities.

## Accomplishments since 2006:

- **38,841** individuals were provided in-person and online education
- **20,465** at-risk individuals were screened for Hepatitis B
- **15,033** at-risk individuals were screened for Hepatitis C
- **3,534** at-risk individuals were screened for HIV since 2016
- **909** individuals infected with HBV (average 4.3%) were identified and linked to care services
- **393** individuals infected with HCV (average 3%) were identified and linked to care services

PROTECT YOURSELF.  
PROTECT YOUR FAMILY.

Get the  
COVID-19  
vaccine.



WHY SHOULD YOU GET THE COVID-19 VACCINE?

IT'S SAFE.

The FDA approved vaccines based on data providing its safety.

IT'S EFFECTIVE.

It's the most effective way to prevent COVID-19. It may help you from getting seriously ill.

IT'S FREE!

MINIMAL SIDE EFFECTS.

The side effects are minimal. Most are mild, such as a sore injection site, some fever or body aches.

# COVID-19 Vaccines

## Are Safe & Effective

## At Protecting You

### ABOUT THE COVID-19 VACCINE

The vaccine is the best way to protect yourself from this life-threatening virus.

Most of the COVID-19 vaccines use two shots, administered 3 weeks apart, to provide the best protection.

The vaccine has been tested on more than 70,000 people who volunteered for the study. The results show that the vaccine is safe and effective.

Vaccines continue to be highly effective at preventing hospitalization and death, including against Delta Variant.

COVID-19 vaccines will not give you COVID-19.

AT RISK FOR  
COVID-19?

for Covid-19?  
ted?

website or contact us at:  
[www.hbi-dc.org](http://www.hbi-dc.org)

# How has HBI-DC leveraged the COVID-19 Pandemic to Conduct Hepatitis B Outreach, Education, and Screening?

- Same target population to serve:
  - Vulnerable
  - Limited English proficiency
  - Low or no income
  - Uninsured or underinsured
  - HBV, HCV, and HIV participants (patients)
- Best practices during COVID-19:
  - “Hybrid” screening model; contactless registration + voucher to a lab for in-person screening
  - Multi-lingual community health workers (CHW) fully utilized
  - Disseminate HBV, HCV and HIV information with COVID-19 outreach information (for screening/testing and vaccination) while offering free PPE
  - Invest in expanding capacity through IT integration tools



## STEP 1: Identify the IT Needs for a growing HBI-DC

- Outgrowing the customized database of participants (over 1,000 records)
- Tracking weekly and monthly activities efficiently for reports to funders
- Tracking staff communication (5+ staff)
- Sharing and syncing files (encrypted and HIPPA compliant)



Step 2: Choosing the  
right operating system  
for HBI-DC

Google or Microsoft?



# Step 3: Apply for Nonprofit Discount through Microsoft

[Nonprofit offers \(microsoft.com\)](https://nonprofitoffers.microsoft.com)



Microsoft | Nonprofits Already registered as a nonprofit? [Sign in](#)

## Get access to discounted and donated solutions for nonprofit organizations

**Register Now**  
Empower your organization with Microsoft tools and services

### Explore our offers

Take advantage of innovative cloud solutions to help securely run your organization.

## Innovative cloud solutions to help you accelerate your impact

- Connect people and information in an intelligent new way: get Microsoft 365 Business Premium free for up to 10 users.
- Start your move to the cloud with Azure cloud services: get \$3,500 (USD)\* donated Azure services credit annually.
- Engage with donors and volunteers, connect with beneficiaries, and manage finances: leverage Microsoft Dynamics 365 and Power Platform to drive deeper engagement with constituents, modernize your financial systems, and build agile business processes.

[Learn More](#)

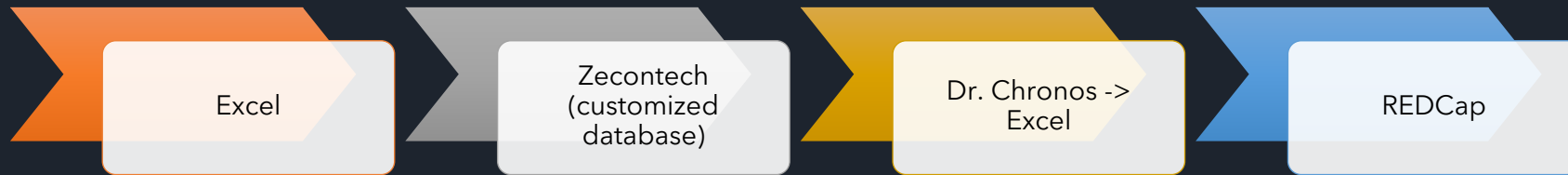


## Step 3: Streamline Emails and Operating Systems

- **Set-up security features** (encryptions and HIPPA compliance procedures)
- **Migrate files** from ShareSync to Share Point
- **Train staff on:**
  - Outlook
  - Teams
  - One Drive
  - Share Point
- **Benefits:**
  - Reduce lost emails and missed deadlines
  - Instant messaging with peers through Chat feature
  - File sharing and updates are sync with colleagues
  - Sync calendars




# Step 4: Upgrading the database (electronic health records system)



```
mirror_mod = modifier_ob.  
set mirror object to mirror.  
mirror_mod.mirror_object  
operation == "MIRROR_X":  
mirror_mod.use_x = True  
mirror_mod.use_y = False  
mirror_mod.use_z = False  
operation == "MIRROR_Y":  
mirror_mod.use_x = False  
mirror_mod.use_y = True  
mirror_mod.use_z = False  
operation == "MIRROR_Z":  
mirror_mod.use_x = False  
mirror_mod.use_y = False  
mirror_mod.use_z = True  
selection at the end -add  
ob.select= 1  
modifier_ob.select=1  
context.scene.objects.active  
("Selected" + str(modifier_ob.  
mirror_ob.select = 0  
= bpy.context.selected_object  
data.objects[one.name].select  
print("please select exactly  
OPERATOR CLASSES -----  
types.Operator):  
on X mirror to the selected  
object.mirror_mirror_x"  
mirror X"  
context):  
context.active_object is not
```



# Determining the benefits of REDCap

- Track program participants / patients by customer ID (unique identifier)
  - Reports can be customized for each grant project deliverables
    - DC
    - Maryland
    - Virginia
  - Data can also be pulled for research and advocacy projects
  - Minimizes the “slowing” effect on your computer when opening a large Excel file filled with data.
- 



A small green plant with several leaves is growing out of a crack in a grey asphalt surface. The background is a blurred asphalt road. The text "Change takes patience" is written in white, serif font, centered on the right side of the image. There are six orange, pill-shaped decorative elements arranged in two rows of three, one row above and one row below the text.

Change takes  
patience