

University of Massachusetts Medical School

eScholarship@UMMS

National Network of Libraries of Medicine New
England Region (NNLM NER) Repository

National Network of Libraries of Medicine New
England Region

2019-12

Substance Use Disorder and Heredity: It's a Family Disease

Susan M. Halpin M.Ed.

National Network of Libraries of Medicine

Et al.

Let us know how access to this document benefits you.

Follow this and additional works at: <https://escholarship.umassmed.edu/ner>



Part of the [Library and Information Science Commons](#), and the [Public Health Commons](#)

Repository Citation

Halpin SM, McGorry M, Richard A, Chang M, Laramée M. (2019). Substance Use Disorder and Heredity: It's a Family Disease. National Network of Libraries of Medicine New England Region (NNLM NER) Repository. Retrieved from <https://escholarship.umassmed.edu/ner/81>

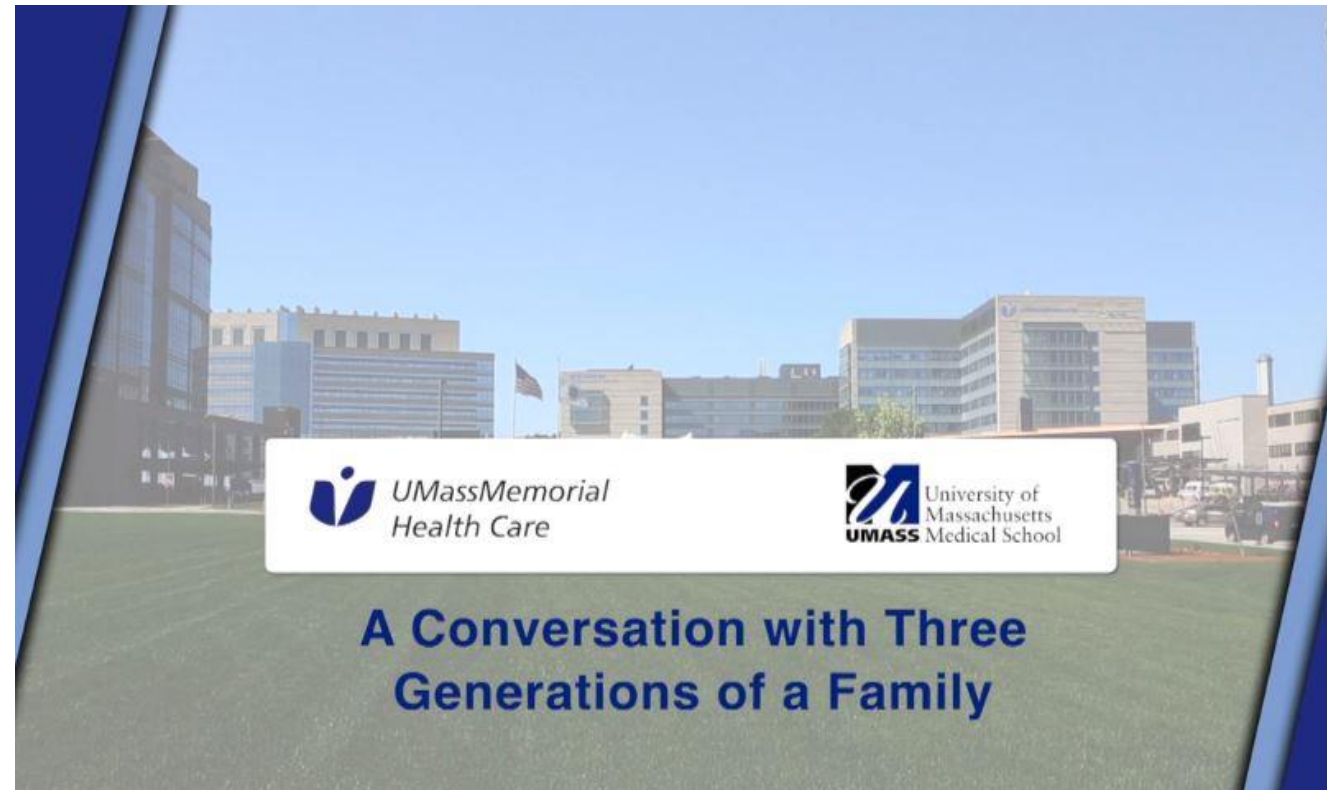
Creative Commons License



This work is licensed under a [Creative Commons Attribution-NonCommercial 4.0 License](#)

This material is brought to you by eScholarship@UMMS. It has been accepted for inclusion in National Network of Libraries of Medicine New England Region (NNLM NER) Repository by an authorized administrator of eScholarship@UMMS. For more information, please contact Lisa.Palmer@umassmed.edu.

SUBSTANCE USE DISORDER AND HEREDITY: IT'S A FAMILY DISEASE



*This Webinar is being recorded.
To view the captions for this event click on the URL in the chat box.*

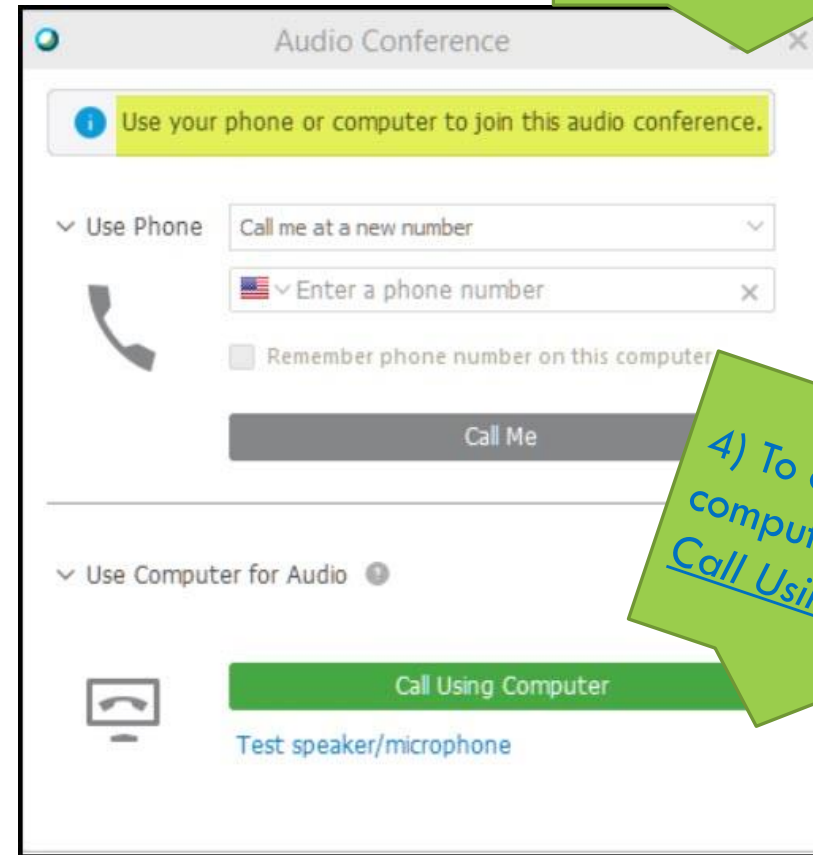
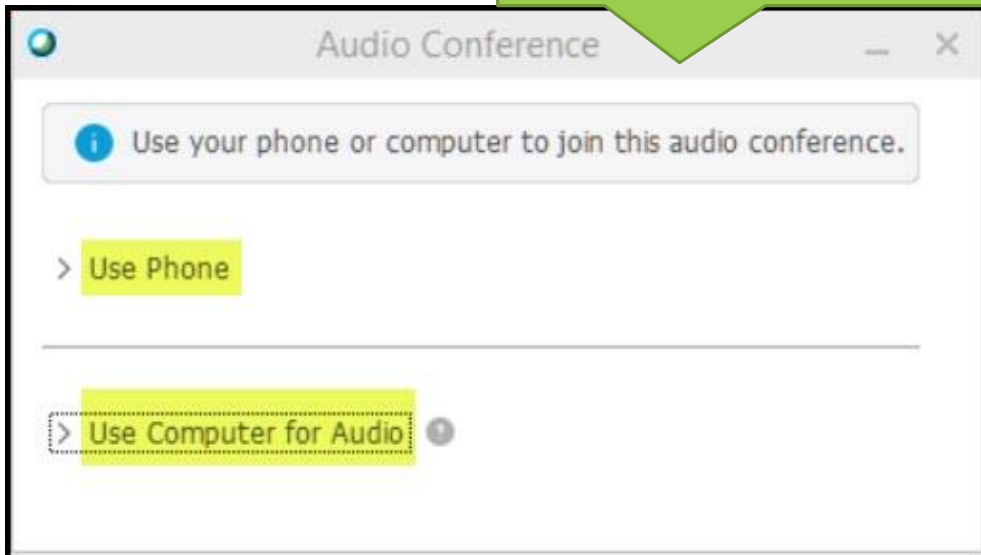
TO CONNECT TO THE AUDIO

1) Your audio box may look like this when you enter the WebEx session.

2) To connect to webinar audio you must either use your phone or your computer

3) To connect by phone, enter your phone number and the system will call you.

4) To connect through your computer click Call Using Computer.





ABOUT TODAY'S WEBINAR

- **Closed captioning is available, To access the captioning click the link in the Chat box**
- This webinar is being recorded. You will receive an email with a link to the recording the presentation slides and any resources mentioned in the webinar in about a week
- You will have an opportunity to ask questions to any member of the presentation panel during the last 10 minutes.
- Medical librarians can receive 1 CE credit for attending this webinar. Completing an evaluation at the end of this webinar is required to receive CE credit. The webinar evaluation will appear automatically after you leave the Webex session.
- Your feedback matters! Even if you are not receiving CE credit, please complete the evaluation and let us know how we can improve our trainings.

YOUR WEBINAR HOST



Susan Halpin, M.Ed.

susan.halpin@umassmed.edu

NNLM NER, Education & Outreach Coordinator
University of Massachusetts Medical School
Worcester, Massachusetts

WHO IS HERE?

Use the Chat Box
(“chat” to “all participants”)

- Name?
- Where are you located?
- What do you hope to learn?





ABOUT NATIONAL LIBRARY OF MEDICINE (NLM)

[HTTPS://WWW.NLM.NIH.GOV](https://www.nlm.nih.gov)



Physical library is Bethesda, MD part of the NIH campus.

Largest biomedical library in the world

One of the federal government's largest providers of digital content

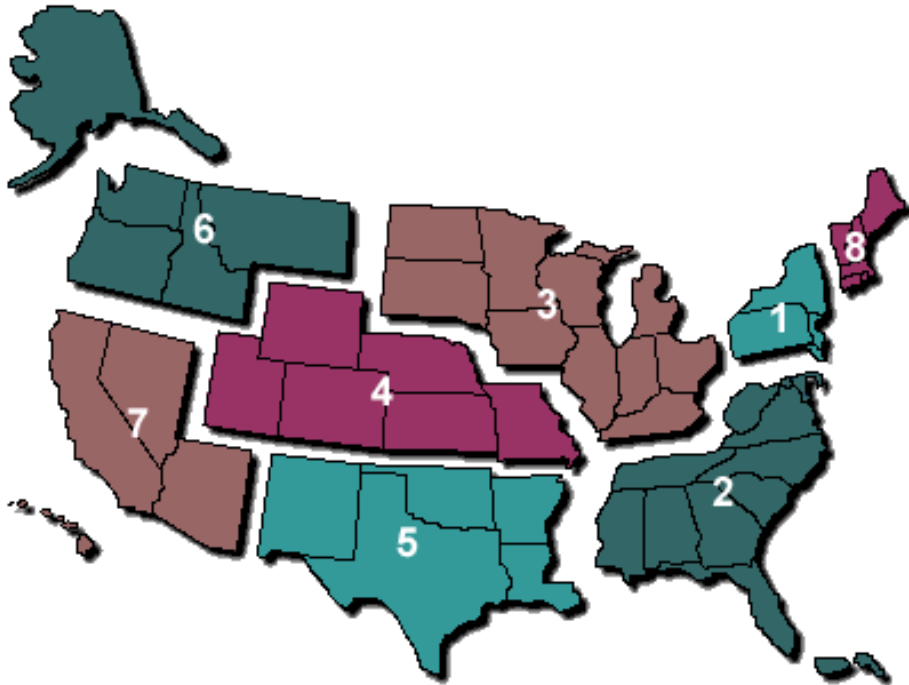
The library is open to everyone

NLM's mission

Advance the progress of medicine and improve public health by making biomedical information accessible to everyone.

NLM Carries Out its Mission Through the National Network of Libraries of Medicine (NNLM)

<https://nnlm.gov/>



- Nationwide network of health sciences libraries, public libraries & information centers
- Each region has a partnership with a regional medical library
- Outreach provided through
 - Free access to online health & medical resources
 - Free training & professional development
 - Grant funding opportunities available for your community

77,000 people received training from NNLM last year!

NLM ONLINE RESOURCES FOR SUBSTANCE USE DISORDER

U.S. National Library of Medicine

MedlinePlus
Trusted Health Information for You

Search MedlinePlus

About MedlinePlus Site Map FAQs Customer Support

Health Topics Drugs & Supplements Videos & Tools Español

Home → Health Topics → Opioid Abuse and Addiction Treatment

Opioid Abuse and Addiction Treatment

On this page

<p>Basics</p> <ul style="list-style-type: none"> ▪ Summary ▪ Start Here 	<p>Learn More</p> <ul style="list-style-type: none"> ▪ Related Issues ▪ Specifics ▪ Genetics 	<p>See, Play and Learn</p> <ul style="list-style-type: none"> ▪ Videos and Tutorials
<p>Research</p> <ul style="list-style-type: none"> ▪ Clinical Trials ▪ Journal Articles 	<p>Resources</p> <ul style="list-style-type: none"> ▪ Reference Desk ▪ Find an Expert 	<p>For You</p> <ul style="list-style-type: none"> ▪ Patient Handouts

Summary

What are opioids?
Opioids, sometimes called narcotics, are a type of drug. They include strong prescription pain relievers, such as oxycodone, hydrocodone, fentanyl, and tramadol. The illegal drug heroin is also an opioid.

A health care provider may give you a prescription opioid to reduce pain after you have had a major injury or surgery. You may get them if you have severe pain from health conditions like cancer. Some health care providers prescribe them for chronic pain.

Prescription opioids used for pain relief are generally safe when taken for a short time and as prescribed by your health care provider. However, opioid abuse and addiction are still potential risks.

What are opioid abuse and addiction?
Opioid abuse means you are not taking the medicines according to your provider's instructions, you are using them to get high, or you are taking someone else's opioids. Addiction is a chronic brain disease. It causes you to compulsively seek out drugs even though they cause you harm.

What are the treatments for opioid abuse and addiction?
Treatments for opioid abuse and addiction include

- Medicines
- Counseling and behavioral therapies
- Medication-assisted therapy (MAT), which includes medicines, counseling, and behavioral therapies. This offers a "whole patient" approach to treatment, which can increase your chance of a successful recovery.

Stay Connected

Sign up for the My MedlinePlus newsletter

Enter email address

Related Health Topics

- Opioid Abuse and Addiction
- Opioid Overdose
- Prescription Drug Abuse

National Institutes of Health

The primary NIH organization for research on *Opioid Abuse and Addiction Treatment* is the National Institute on Drug Abuse

Environmental Health & Toxicology
Environmental Health, Toxicology & Chemical Information

U.S. National Library of Medicine

Home Search TOXNET/Tox Subset Selected Topics Guides, Tutorials, Workbooks Help Search Our Resources Additional Resources Mobile Apps

Home > Selected Topics > Opioid Addiction and Treatment: Health Information Resources

Updates Follow Email This Page

Opioid Addiction and Treatment

Health Information Resources

- Understanding Addiction
- Opioid Overdose
- Opioid Drugs
- Treating Opioid Addiction
- Opioid Prescribing
- Pregnancy, Opioid Use, and Neonatal Abstinence Syndrome
- Recovery
- Data, Trends, & Statistics
- Topic-related Searches of National Library of Medicine Resources
- Selection Guidelines
- Disclaimer

Topics of Interest

- About Us
- Database Descriptions
- Choose the Right Environmental Health and Toxicology Resource
- Search TOXNET® Databases
- Email Updates, News, and Social Media
- TOXNET Manual
- NNLM class schedule

A to Z Index of Resources

A B C D E F
G H I J K L
M N O P Q R
S T U V W X
Y Z

Understanding Addiction

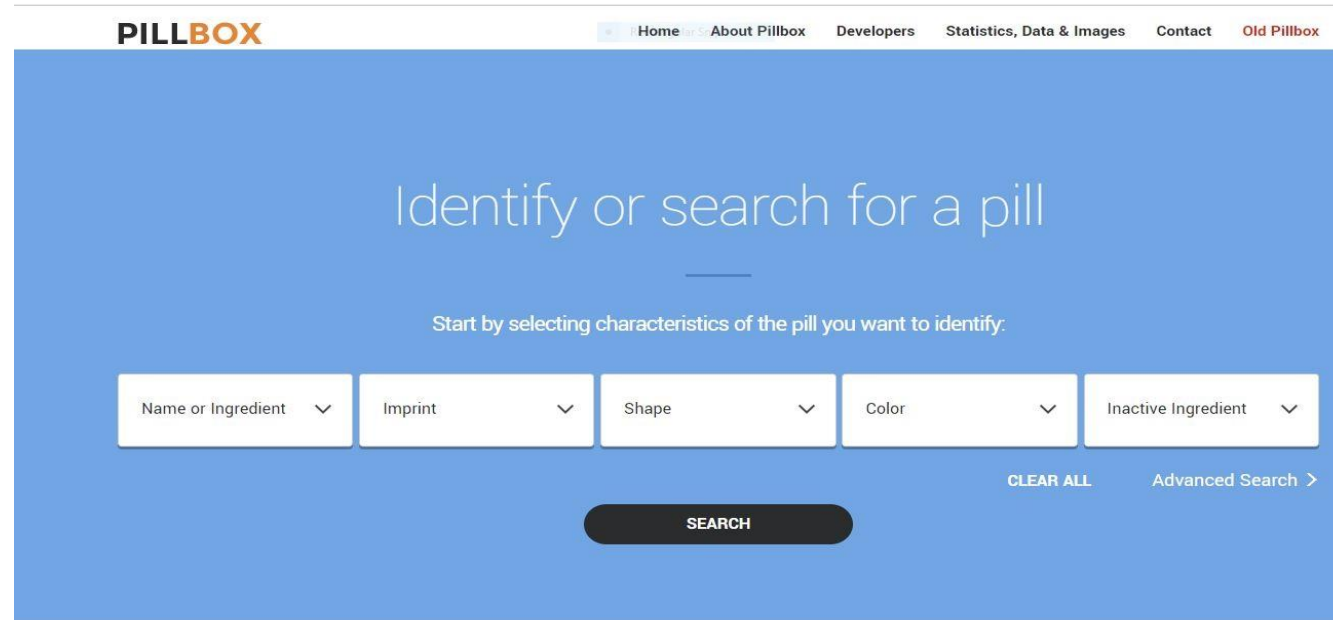
- Definition of Addiction
American Society of Addiction Medicine (ASAM)
- Drugs, Brains, and Behavior: The Science of Addiction
The National Institute on Drug Abuse (NIDA), National Institutes of Health (NIH)
- East to Read Drug Facts
The National Institute on Drug Abuse (NIDA), National Institutes of Health (NIH)
- Facing Addiction in America: The Surgeon General's Report on Alcohol, Drugs, and Health (2016)
Office of the Surgeon General of the United States (OSG)
- Office of National Drug Control Policy - President's Commission

<https://envirotaxinfo.nlm.nih.gov/opiate-addiction-and-human-health.html>

<https://medlineplus.gov/opioidabuseandaddictiontreatment.html>



PILLBOX – NLM’S USEFUL TOOL TO IDENTIFY UNKNOWN PILLS



Pillbox



About Pillbox

The Pillbox website was developed to help quickly identify medications by their appearance and ingredients



Developers

Pillbox's data and images API is powerful tool for drug identification and reference. We're excited to give



Contact Us

Do you have a question or comment about Pillbox? Need help learning more about a medication? Do you



Statistics, Data & Images

Pillbox is one of the largest free databases of prescription and over-the-counter drug information and

<https://pillbox.nlm.nih.gov/>

Looking for Programming Tools Related to Health and Wellness?

Consider borrowing one of our **Graphic Medicine Book Club Kits** featuring ***Sobriety: A Graphic Novel!***

To Request a Kit
www.nlm.gov/ner/kits

For Questions or Further Information,
Contact
Sarah Levin-Lederer at
Sarah.LevinLederer@umassmed.edu

Graphic Medicine Book Club Kit

NIH NLM NNLN nlm.gov/ner/kits
New England Region

Graphic medicine is the combination of comics and healthcare. Comics help with understanding illness and health.

These kits are available to any organization in New England for free.

How kits work
1. Pick a health comic

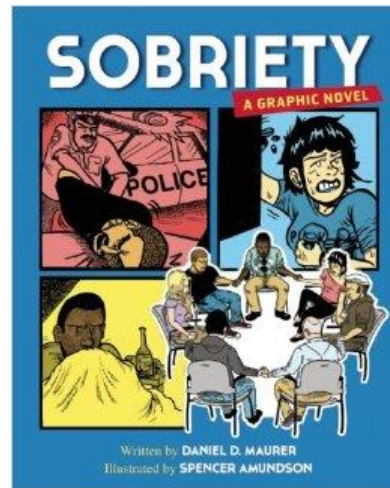


Addiction - AIDS - Aging - Cancer - Epilepsy - Grief - LGBTQ - Mental Health - OCD - Veterans

2. You receive a kit in the mail

Kits include:
6 Graphic Novels
Discussion guides with questions
Valuable NLM resources on the selected topic

3. Read and learn together!



From the publisher...

“Through rich illustration and narrative, *Sobriety: A Graphic Novel* offers an inside look into recovery from the perspectives of five Twelve Step group members, each with a unique set of addictions, philosophies, struggles, and successes while working the Steps.”

WEBINAR OBJECTIVES

- Learn what a Recovery High School is.
- Identify the root causes of addiction.
- Explain the roles of genetic predisposition and choice in the disease of addiction
- Understand how public schools can be the place where teens first obtain addictive substances and develop a substance use disorder.
- Formulate a plan to address peer pressure and addictive substance use in your youth program or school. Learn how to provide support and resources to students using addictive substances.
- Recognize how to be more effective in the prevention and treatment of addiction as a parent, healthcare provider, librarian, educator, first responder and law enforcement professional when engaging with someone with a substance use disorder.

WHAT IS A RECOVERY HIGH SCHOOL?



THANK YOU TO OUR WEBINAR SPONSORS

The following organizations provided grant funding for the creation of the video work integral to this webinar:

American Academy of Pediatrics, Community Access to Child Health Grant

American Psychiatric Association Helping Hands Grant

MEET YOUR PRESENTERS



**MaryEllen McGorry,
JD, M.Ed.**

**Principal of Rockdale
Recovery High School
in Worcester, MA**



**Alyssa Richard-Figueroa
MSW, LICSW**

**Recovery Clinician,
Rockdale Recovery High
School**



Margret Chang, MD

**Pediatrician, Internist
and Assistant
Professor, University
of Massachusetts
Medical School,
Worcester, MA**



Sam

**Student at Rockdale
Recovery High School**



Michael Laramee

**Creative Director
and Videographer
Vivineer LLC**

What factors increase the risk for addiction?

- Early Exposure and Use
- Genetic Predisposition and Trauma
- Peers, School, and Choice



What factors increase the risk for addiction?

Early Exposure and Trauma

Video Clip 01 - 7:07

<https://vimeo.com/showcase/6122847/video/347339731>



What factors increase the risk for addiction?

Genetic Predisposition and Trauma

Video Clip 02 – 05:58

<https://vimeo.com/showcase/6122847/video/347388381>



What factors increase the risk for addiction?

Peer Exposure

Video Clip 03 – 6:52

<https://vimeo.com/showcase/6122847/video/347347203>



What Treatments and Supports Work?

- Honesty
- Understanding Emotions and Mental Health
- New Lifestyle
- Access to Services



What Treatments and Supports Work?

Honesty Part 1

Video Clip 06 – 03:22

<https://vimeo.com/showcase/6122847/video/348463580>



What Treatments and Supports Work?

Honesty Part 2

Video Clip 07 – 01:49

<https://vimeo.com/showcase/6122847/video/348465934>



What Treatments and Supports Work?

New Lifestyle

Video Clip 08 – 02:26

<https://vimeo.com/showcase/6122847/video/348895230>



How Can We Be More Effective with Prevention & Treatment?

- Insights for Medical Professionals
- Insights for Educators
- Insights for Law Enforcement



How Can We Be More Effective with Prevention & Treatment?

Insights for Medical Professionals

Video Clip 11 - 01:26

<https://vimeo.com/showcase/6122847/video/349765180>



How Can We Be More Effective with Prevention & Treatment?

Insights for Educators

Video Clip 12 - 02:07

<https://vimeo.com/showcase/6122847/video/349764969>



How Can We Be More Effective with Prevention & Treatment?

Insights for Law Enforcement

Video Clip 13 - 03:51

<https://vimeo.com/showcase/6122847/video/349765068>



Additional Video Clips to Watch

The Role of Choice	Video Clip 04	06:46	https://vimeo.com/showcase/6122847/video/347623011
The Role of Emotions & Mental Health	Video Clip 05	04:37	https://vimeo.com/showcase/6122847/video/347830175
Access to Services	Video Clip 09	03:09	https://vimeo.com/showcase/6122847/video/348902532
The Most Helpful Resources in Their Own Words	Video Clip 10	03:49	https://vimeo.com/showcase/6122847/video/348912943

QUESTIONS FOR OUR PRESENTERS?



**MaryEllen McGorry,
JD, M.Ed.**

**Principal of Rockdale
Recovery High School
in Worcester, MA**



**Alyssa Richard-Figueroa
MSW, LICSW**

**Recovery Clinician,
Rockdale Recovery High
School**



Margret Chang, MD

**Pediatrician, Internist
and Assistant
Professor, University
of Massachusetts
Medical School,
Worcester, MA**



Sam

**Student at Rockdale
Recovery High School**



Michael Laramee

**Creative Director
and Videographer
Vivineer LLC**

FOR MORE INFORMATION -- CONTACT THE PRESENTERS

MaryEllen McGorry - mmcgorry@cmasscollaborative.org

Alyssa Richard-Figueroa - arichard@cmasscollaborative.org

Margret Chang - Margret.Chang@umassmemorial.org

Michael Laramee - michael@vivineer.com

THANK YOU RECOVERY HIGH SCHOOL TEAM !



If you are planning to receive MLA continuing education credit, you must complete the evaluation for this webinar.

We value your feedback, please help us continue to improve by completing the evaluation.

**Evaluation Link - <http://bit.ly/341TcXS>
enrollment code: **Dise1920****

NEXT NNLM NER WEBINAR

- January 30, 2020 , 3-4PM presenter Louie Diaz, from Documentary film “Beyond the Wall”, Struggles and Strategies for Survival Beyond the Walls of Jail

Registration link: <https://nnlm.gov/classes/substance-use-disorder-celebrity-webinar-series>