Signs of Opioid Addiction and Screening Tools to Assess Opioid Use Disorder and Referral to Treatment



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Kimbley Terrell has a Bachelor of Science in Biology from Stillman College and a Master of Social Work from the University of Alabama. She has seventeen years of social service work experience, reaching across the ages and clinical settings. She has experience in correctional mental health, as well as mental health therapy, substance use treatment, case management, and DHR. In 2016, she began working at The University of Alabama Brewer's Porch Children Center (BPCC) providing clinical services for the Residential Treatment Programs. Serving as the primary therapist for BPCC, Kimbley provided and supervised comprehensive clinical planning and care for clients, while acting as a client liaison and supervising interns. In June 2020, she transitioned into a new position at the University of Alabama, School of Social Work where she is Project FREEDOM Training and Outreach Coordinator.

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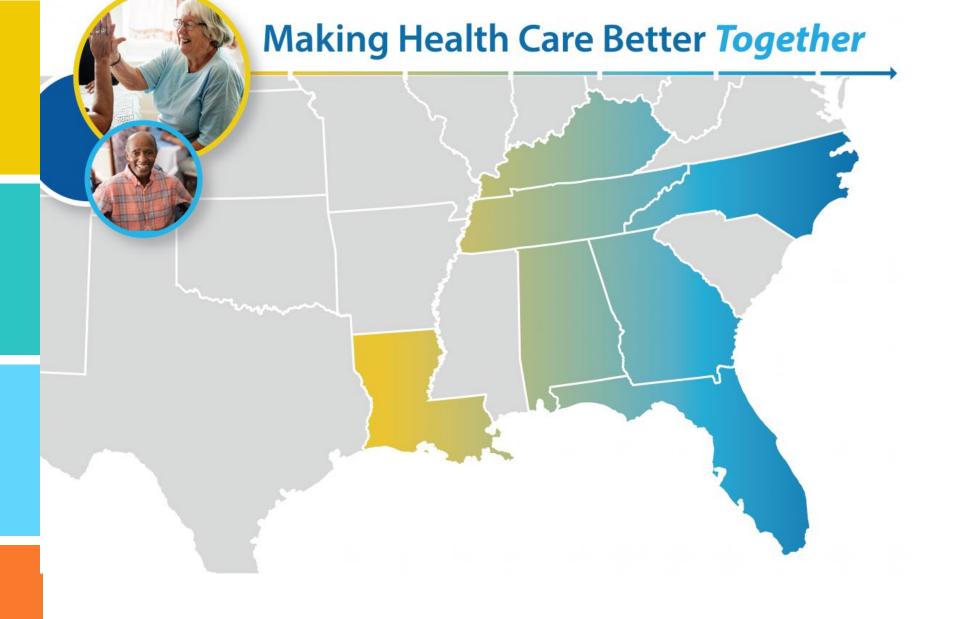
SBIRT PROJECT COORDINATOR

Audra Morrison is the Screening, Brief-Intervention, and Referral-toTreatment (SBIRT) Project Coordinator for the VitAL project with the University of Alabama School of Social Work. Her prior work with patients in the healthcare setting and within the community provides her with Substance Use and Mental Health experience. Audra obtained her Bachelor of Social Work degree in 2016 and Master of Social Work degree in 2018, both from the University of Alabama School of Social Work.

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Objectives

- Familiarize participants with statistical data regarding the opioid epidemic, background information on opioids and Opioid Use Disorder.
- Develop an understanding of the signs of opioid misuse and addiction.
- Familiarize participants with opioid abuse in the elderly and risks associated with this population.
- Develop an understanding of the effect opioids have on the brain.
- Familiarize participants with myths/misconceptions about the nature of addiction.
- Familiarize participants with opioid treatment options.
- Introduce participants to the SBIRT model.
- Introduce the importance of universally screening patients.
- Introduce participants to screening tools used in assessing patients' substance use.
- Develop an understanding of available referral sources.





Opioid Overview

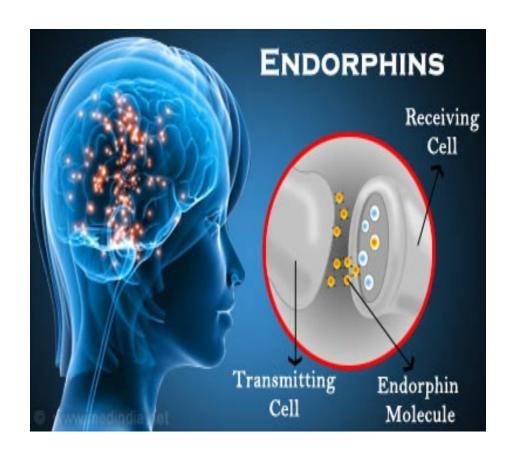






The Body's Natural Opioid System

- The body naturally releases several different opioids during behaviors like exercising, eating and socializing.
- When these opioids attach to receptors, they can:
 - Suppress pain
 - Slow breathing
 - Produce a sense of calm







Opioids

- In addition to the body's natural opioids, there are substances that act on the same opioid receptors in the brain.
- They produce a much stronger effect than natural opioids.
- These substances have medical uses and are one of the most commonly prescribed medications for short-term and chronic pain.







Common Opioids

- A class of drugs used to reduce pain.
- Prescription opioids are prescribed to treat moderate to severe pain but have serious risks and side effects.
- Examples: oxycodone, hydrocodone, morphine, Percocet,
 Vicodin, methadone and fentanyl.
- Illegal opioids: heroin, illegally produced fentanyl and other synthetic opioids.



What Do Opioids Do?



- Reduce and relieve pain
- Can sometimes create a sense of euphoria
- HIGHLY habit-forming and addictive

SIDE EFFECTS:

- Drowsiness and sedation
- Mental confusion
- Nausea and vomiting
- Constipation
- Pinpoint (constricted) pupils
- Slowed or depressed vital signs
 - Body temperature, blood pressure, pulse and respiration rates
- Overdose and death







Opioid Misuse/Dependence Signs and Symptoms

Physical Signs

- Change in appetite
- Pupil size
 - Small: opioid intoxication
 - Large: opioid withdrawal
- Nausea
- Vomiting
- Sweating
- Shaking

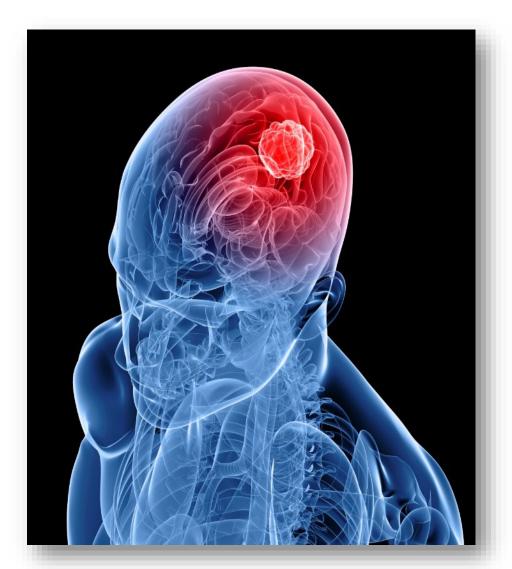
Behavioral Signs

- Change in personality/attitude
- Change in friends
- Change in activities, sports, or hobbies
- Poor attendance/grades
- Increased isolation or secrecy
- Wearing long-sleeved shirts
- Moody, irritable, nervous, giddy or nodding off
- Stealing



Vital Improving W

American Society of Addiction Medicine (ASAM)



"Addiction is a primary, chronic disease of brain reward, motivation, memory and related circuitry. Dysfunction in these circuits leads to characteristic biological, psychological, social, and spiritual manifestations. This is reflected in an individual pathologically pursuing reward and/or relief by substance use and other behaviors."

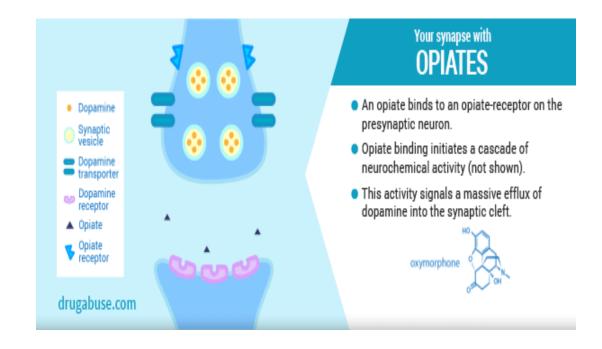
(American Society of Addiction Medicine, 2011)





Opioid-Seeking Behavior

- Opioids disrupt the natural reward system by flooding the brain with large amounts of dopamine.
- People addicted to opioids experience uncontrollable cravings for opioids that persist after they stop taking the drug.





Defining Opioid Use Disorder



A problematic pattern of opioid use leading to clinically significant impairment or distress, manifested by at least two of the following, occurring within 12 months:

- 1. Opioids taken in larger amounts or longer periods than intended.
- 2. Persistent desire or unsuccessful efforts to cut down.
- 3. Time spent in activities necessary to obtain the opioid or use the opioid.
- 4. Craving or urge to use opioids.
- 5. Opioid use resulting in a failure to fulfill obligations at work, school or home.
- Continued opioid use despite having recurrent social or interpersonal problems caused by the effects of opioids.
- 7. Social, occupational, or recreational activities are given up because of use.
- 8. Recurrent opioid use in situations in which it is physically hazardous.

- Continued opioid use despite knowledge of having a persistent or recurrent physical or psychological problem due to opioids.
- 10. Tolerance, as defined by either (a) need for markedly increased amounts of opioids to achieve desired effect or (b) diminished effect with continued use of the same amount of opioid.
- 11. Withdrawal, as manifested by either (a) opioid withdrawal syndrome or (b) opioids taken to relieve withdrawal symptoms.

DSM - 5





Health Effects Related to Opioids

- The health effects of opioids are partially determined by dosage and route of administration.
- The most critical health risk is the high probability of overdose.

Behavioral Psychiatric/Neurological Addiction Depression Tolerance Hallucination Dependence Confusion/reduced concentration Mood swings Drowsiness Headache Dizziness Respiratory Difficulty breathing Cardiovascular Slowed breathing Arrhythmia Infection of cardiac lining/ valves Muscular Gastro/Hepatic Seizures Weakness Nausea/vomiting Constipation Reduced liver function Extremities Swelling Dermatologic Trauma/Infections Hives/rash Hyperhidrosis Hepatitis HIV/AIDS

Long-term medical effects of opioid dependence1-3

Opioid Misuse and Addiction: Strategies for Community Health Workers





Sources of the Opioid Crisis

Prescribed opioids pose a risk beyond the patient who receives the prescription.

- Among people who abuse prescription opioids, most get them:
 - From a friend or relative for free (55%)
 - Prescribed by a physician (20%)
 - Bought from a friend or relative (11%)
- Among new heroin users, about three out of four report abusing prescription opioids before using heroin.

https://www.cdc.gov/drugoverdose/data/prescribing.html





Overdose Deaths in the United States

- Nov. 18, 2021 -- The CDC estimated 100,306
 Americans died from drug overdoses from April 2020 to April 2021, a 28.5% increase from the previous year. It is the first time that drug-related deaths have reached six figures in any 12-month period.
- Deaths in some states rose even more sharply. Vermont saw an almost-70% increase, and drug <u>overdose</u> deaths in West Virginia increased by 62%. Many states, including Alabama, California, Kansas, Kentucky, Louisiana, Tennessee and Washington, had a 45%-50% rise in overdose deaths.
- The vast majority (73,757) of overdose deaths involved opioids — with most of those (62,338) involving synthetic <u>opioids</u> such as fentanyl. Federal officials said that one American died every five minutes from an overdose, or 265 a day.







Who Is Most at Risk for Opioid Prescription Overdose?

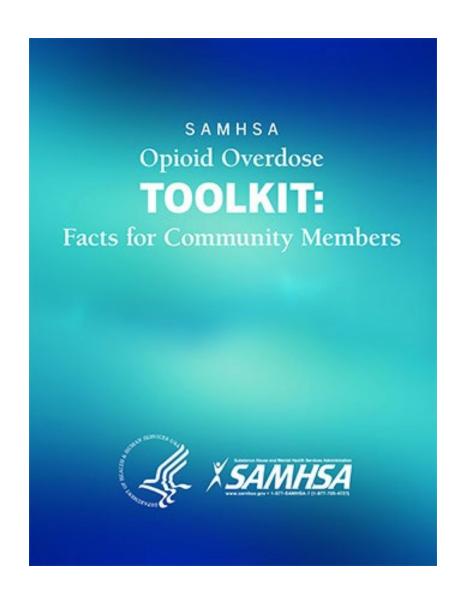
- <u>Doctor shoppers</u> People who obtain multiple controlled substance prescriptions from multiple providers.
- People who take high daily dosages of prescription painkillers.
- People who misuse multiple abuse-prone prescription drugs.
- People who are switching between prescriptions.
- People who are mixing opioids with other prescriptions.
- People with chronic medical conditions (HIV, cardiovascular or respiratory disease, mental illnesses).
- People who have been recently released from incarceration and in-patient treatment programs.
- People who have recently completed a mandatory opioid detoxification or have abstained from use for a period of time.
- People who have been discharged from emergency medical care after opioid intoxication.





Strategies to Prevent Overdose Death





- Talk to people and caregivers about ways to avoid an accidental overdose, especially at discharge, such as:
 - Do not adjust the prescribed dosage, skip doses or take extra doses.
 - Do not mix with other drugs or alcohol (i.e., antianxiety drugs like benzodiazepines, antidepressants or cocaine).
 - Abstain from using opioids unless prescribed, and attempt abstinence from heroin.
- Opioid Overdose Prevention Toolkit 2014





The Opioid Epidemic and Its Impact on the Elderly Population









- The use of prescribed opioid analgesics among middle-aged and older adults is more prevalent (8.1% of adults aged 40–59 years and 7.9% of adults aged 60 and older) than that of younger adults (4.7% of adults aged 20–39 years).
- One-fourth (25.4%) of adults aged 65 years and older who take opioids report being long-time opioid users for 90 days or longer.
- The high prevalence of opioid use among older adults can be explained by the high prevalence of chronic pain and the more widespread use of opioids to manage acute and chronic pain.
- Currently, over half of older adults (52.9%) experience bothersome pain.
- Pain prevalence is high among older adults who are female, obese and have musculoskeletal and depressive symptoms.





Factors That Contribute to Opioid Abuse Among the Elderly

- Substance use disorder earlier in life
- Genetics
- Major life changes
- Disengagement
- Deterioration of health
- Dangerous health care prescribing practices



Risk Factors for Elderly Opioid Misuse



- Using medications that have expired
- Not knowing about the side effects
- Sharing or borrowing medications
- Mixing medications or drinking alcohol while taking medications
- Going to multiple physicians to get more of the same drug
- Going to multiple physicians who are unaware of the complete medications regiment
- Failure to tell doctor about OTC, herbs, vitamins
- Small print on packaging and labels
- Health literacy issues (e.g., not understanding the physician's instructions)
- Missing or misunderstanding instructions (vision, hearing or language barriers)



Signs/Symptoms of Elderly Opioid Misuse



- Anxiety
- Blackouts
- Dizziness
- Depression
- Disorientation
- Mood swings
- Falls, bruises, burns
- Family problems
- Financial problems
- Headaches
- Incontinence
- Increased tolerance to alcohol
- Legal difficulties
- Memory Loss
- Problems in decision making
- Poor hygiene
- Seizures
- Sleep problems
- Social isolation
- Unusual response to medications





Strategies to Address the Opioid Epidemic





- Strategic Planning
- Community & Provider Education
- 3. Harm Reduction
- Medication Disposal

Crisis Services

- Naloxone
 Distribution and
 Education for
 First Responders,
 Patients, Family
- ER Overdose Education (MAT Initiation)
- 3. Detoxification
- 4. Link ER/Detox to treatment

Clinical Practice

- CDC Pain
 Management
 Guidelines
- Screening & Assessment
- 3. MedicationAssistedTreatment
- 4. SUD Levels of Treatment
- 5. PDMP
- 6. Telehealth

Recovery Support

- Access to Health Care
- Safe & Affordable Housing
- 3. Education & Employment
- Social & Community Connections

Workforce

- Clinician Support
 & Continuing
 Education
- 2. Recruitment & Retention Plans
- 3. Integrated Care Competencies
- 4. Peer Recovery





Let's Talk About Stigma

YOUR WORDS MATTER







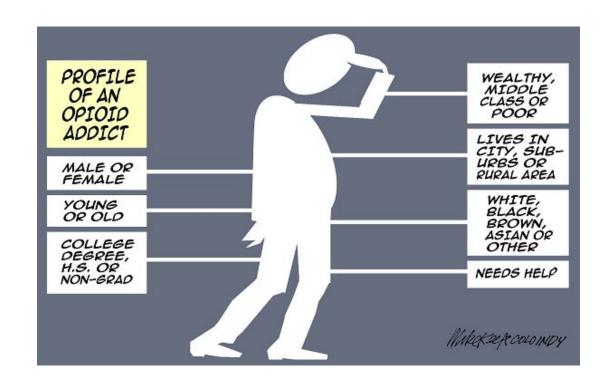






The Truth Regarding Drug Addiction

- It affects people from all walks of life.
- It affects people from all age groups.
- It affects people from all races and religions.
- There is no "typical drug addict."
- Key aspect of treatment: destigmatize addiction and get people into treatment!







SBIRT Screening & Assessment









At-risk drinking and alcohol problems are common

Alcohol and other drugs significantly impact patients and public health

SBIRT

SBIRT is proven to be effective

Substance use is one of America's top preventable health issues





What is SBIRT?

Screening, Brief Intervention, and Referral to Treatment





What is SBIRT?

- Screening: Quickly assess use and severity of alcohol, illicit drugs and prescription drug abuse.
- Brief Intervention: A three- to five-minute motivational and awareness-raising intervention for risky or problematic substance users or brief treatment sessions.
- Referral to Treatment: Referrals to specialty care for patients with substance use disorders.





Screening

Universally screen everyone ages 19+

Alcohol	Drugs	Mental Health
• US-AUDIT C	NIDA Quick Screen	• PHQ-3,9
• US-AUDIT	• DAST 10	





NIDA Quick Screen

ORIGINAL QUESTION

In the past year, how often have you used illegal drugs or prescription drugs for non medical reasons?	Never	Once or twice	Monthly	Weekly	Daily or almost daily





NIDA Quick Screen

VITAL ADAPTED VERSION

Do you misuse or overuse your prescription medication? If so, how often?	Never	Once or twice	Monthly	Weekly	Daily or almost daily
Do you take other people's prescription medication? If so, how often?	Never	Once or twice	Monthly	Weekly	Daily or almost daily
In the past year, how often have you used illegal drugs (i.e., marijuana, crack cocaine, crystal meth heroin, etc.)	Never	Once or twice	Monthly	Weekly	Daily or almost daily



DAST 10



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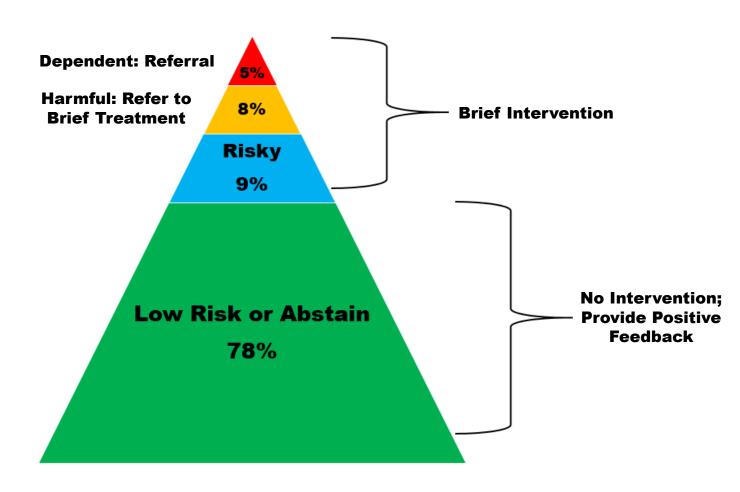
NAME	DATE OF BIRTH _	//	•
DO YOU USE MORE THAN ONE DRUG A TIME?		\square No	☐ Yes
ARE YOU UNABLE TO STOP USING DRUGS WHEN YOU WANT	ТО?	☐ No	☐ Yes
HAVE YOU HAD "BLACKOUTS" OR "FLASHBACKS" AS A RESUI	T OF DRUG USE?	☐ No	☐ Yes
DO YOU EVER FEEL BAD OR GUILTY ABOUT YOUR DRUG USE	?	☐ No	☐ Yes
DOES YOUR SPOUSE (OR PARENTS) EVER COMPLAIN ABOUT YOUR DRUG INVOLVEMENT?		☐ No	☐ Yes
HAVE YOU NEGLECTED YOUR FAMILY OR FRIENDS BECAUSE OF YOUR DRUG USE?		☐ No	☐ Yes
HAVE YOU ENGAGED IN ILLEGAL ACTIVITIES IN ORDER TO O	BTAIN DRUGS?	□ No	☐ Yes
HAVE YOU EVER EXPERIENCED WITHDRAWAL SYMPTOMS (F WHEN YOU STOPPED TAKING DRUGS?	ELT SICK)	□ No	☐ Yes
HAVE YOU HAD MEDICAL PROBLEMS AS A RESULT OF YOUR I		☐ No	☐ Yes



Screening Results



- LOW/NO RISK= FEEDBACK
- MILD=BRIEF INTERVENTION
- MODERATE=BRIEF TREATMENT
- HIGH/SEVERE=REFERRAL





Brief Intervention



- Provided when screening indicates Mild risk
- Core of SBIRT
- Three- to five-minute conversation
- Patients can receive up to five sessions



Brief Treatment



- Provided when screening indicates Moderate risk
- Most often patients will receive up to 12 sessions



Referral to Treatment



- Provided when screening indicates Severe risk
- Can receive Brief Intervention or Brief Treatment
- Warm handoff
- Services activation



National Hotlines and Websites









Find Treatment

Find Treatment

Opioid Overdose

Services Locator

Crisis Care

Disorders

Lifeline[∠]

Druas

Services

Alcohol, Tobacco, and Other

Behavioral Health Treatment

Disaster Distress Helpline

Implementing Behavioral Health

Mental Health and Substance Use

SAMHSA's National Helpline

National Suicide Prevention

Early Serious Mental Illness Treatment Locator

Recovery and Recovery Support

Suicide Prevention





Millions of Americans have a substance use disorder. Help is available, treatment works and people recover every day. Find a state-licensed treatment facility near you.

findtreatment.gov

Behavioral Health Treatment Services Locator

A confidential and anonymous source of information for persons seeking treatment facilities in the United States or U.S. Territories for substance use/addiction and/or mental health problems.

findtreatment.samhsa.gov



Buprenorphine Practitioner & Treatment Program Locator

National Suicide Prevention Lifeline

24-hour, toll-free, confidential support for people in distress. Prevention and crisis resources for you or your loved ones.

1-800-273-TALK (8255) TTY: 1-800-799-4889 suicidepreventionlifeline.org

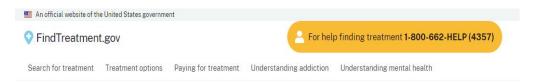
SAMHSA's National Helpline

This Helpline provides 24-hour free and confidence treatment referral and information about r and/or substance use disorders, preven recovery in English and Spanish.

1-800-662-HELP (4357) TTY: 1-800-487-4889 samhsa.gov/find-help/national-helpline

Disaster Distress Helpline

SAMHSA's Disaster Distress Helpline provides 24/7,





Millions of Americans have a substance use disorder. Help is available.

The Substance Abuse and Mental Health Services Administration (SAMHSA) collects information on thousands of state-licensed providers who specialize in treating substance use disorders, addiction, and mental illness.

Learn more

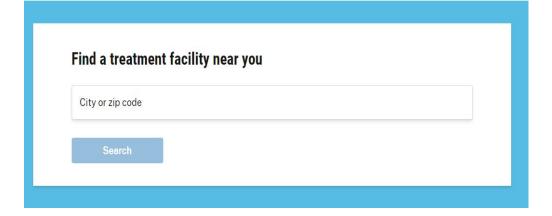
Find treatment















National Hotlines and Websites

Alcoholics Anonymous

www.aa.org

Narcotics Anonymous

www.na.org

Al-Anon

www.al-anon.org

Celebrate Recovery

www.celebraterecovery.com

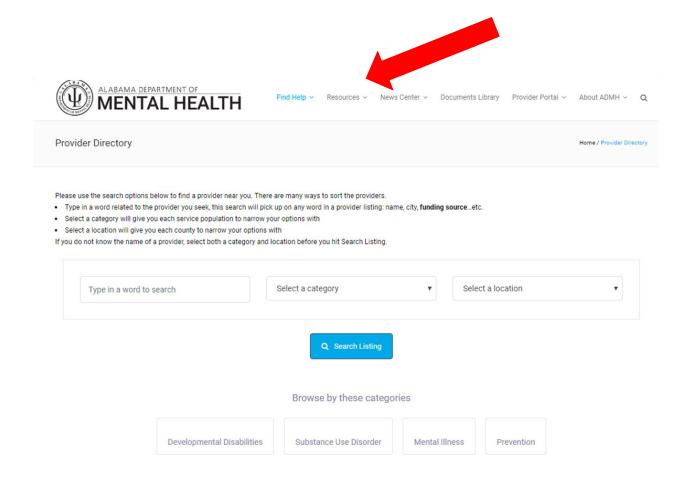
Virtual Recovery Resources

https://vitalalabama.com/covid-19-resources/covid-19-resources/

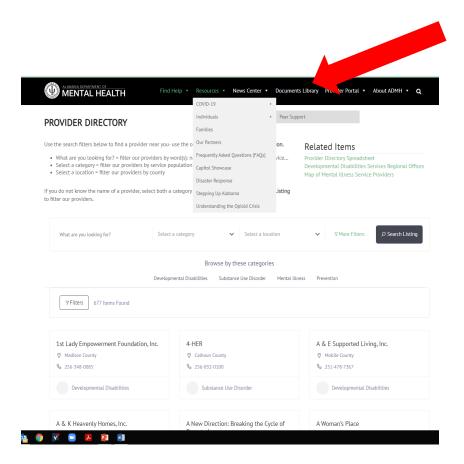








https://mh.alabama.gov





Florida Hotlines and Websites



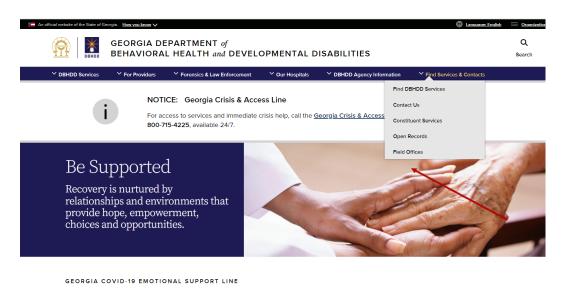


https://www.myflfamilies.com/service-programs/samh/



Georgia Hotlines and Websites

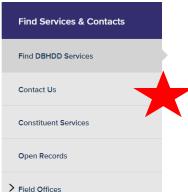




For free and confidential emotional support or resource

information as a result of the COVID-19 pandemic, call or

https://dbhdd.georgia.gov



How Do I Find DBHDD Services?

If you need immediate crisis help:

Call GCAL (Georgia Crisis & Access Line) at 1-800-715-4225 to be connected to crisis services for mental health, substance abuse, or intellectual/developmental disability issues, available 24/7.

• For access and information about outpatient services:

Call GCAL (Georgia Crisis & Access Line) at 1-800-715-4225 to be connected to behavioral health and intellectual/developmental disability providers of outpatient services in your area.

Search online for supports and services:

To search for behavioral health and intellectual/developmental disabilities supports and services from our network of over 600 providers, please visit <u>ReferralConnect via mygcal.com</u>.

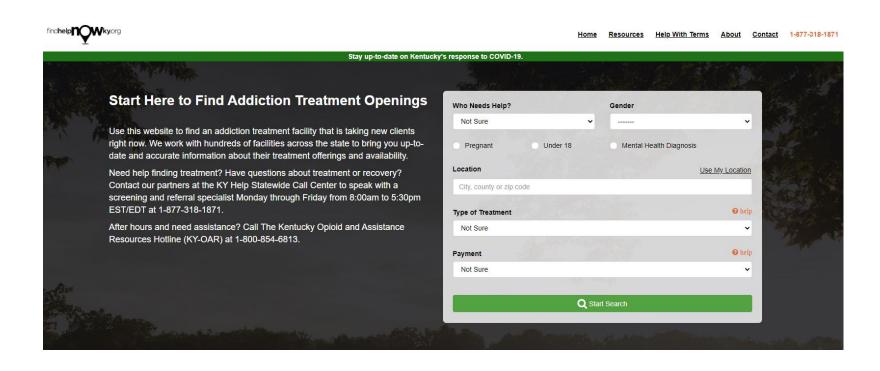
Still need help?

If you need help navigating DBHDD's system of services, or detailed information about resources in your community, please contact your <u>regional field office</u>.









KY HELP Statewide Call Center: (877) 318-1871 | After Hours: KY-OAR (800) 854-6813

Mon-Fri: 8:30 am – 10:00 pm

Sat-Sun: 8:30 am – 5:30 pm

https://findhelpnowky.org/ky





Kentucky Hotlines and Websites



Welcome to GetHelpLex

Alcohol and drug addiction affects individuals from all walks of life. Locating treatment, support, or other resources for yourself or a loved one with addiction may seem overwhelming.

Whether you are looking for services or support for yourself or a loved one, there are local, state, and national resources to help you locate treatment and recovery services as well as support for family and friends.

GetHelpLex is a tool to help you find resources related to alcohol and other drug addiction. It is an informational tool only. **If you are experiencing a medical emergency, please call 911.**

Addiction Treatment and Recovery Services

Addiction Recovery Support Programs

Casey's Law

No-Cost Narcan/Naloxone In Lexington

No-Cost Assessment In Lexington

Syringe Service/Needle Exchange Programming in Lexington

Twelve Step and Mutual Support Meetings

Legal disclaimer

http://gethelplex.org/





Louisiana Hotlines and Websites



(855) 229-6848 – Information regarding Louisiana's treatment services.

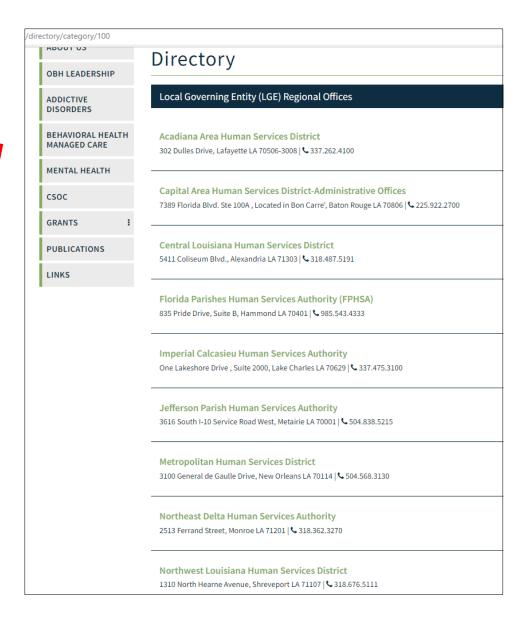
Addictive Disorders Services | La Dept. of Health https://ldh.la.gov/page/95



Louisiana Hotlines and Websites





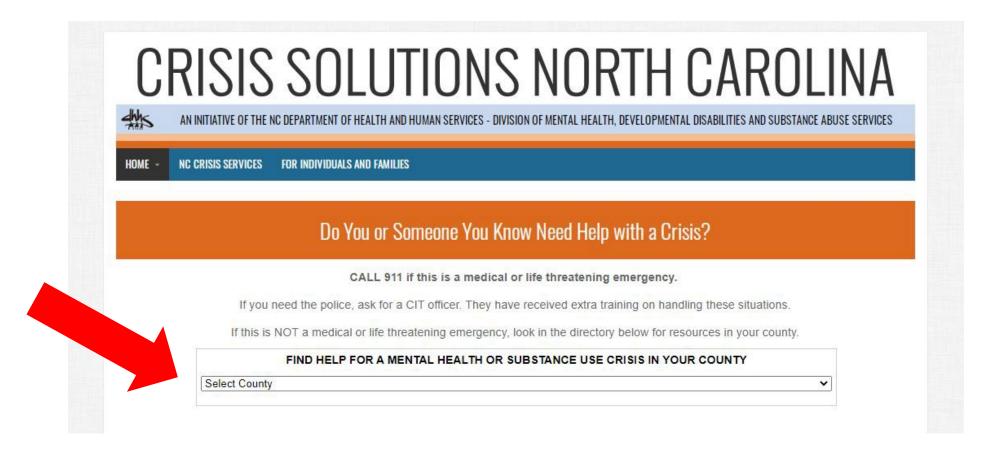


Louisiana hotlines:





North Carolina Hotlines and Websites



http://crisissolutionsnc.org/





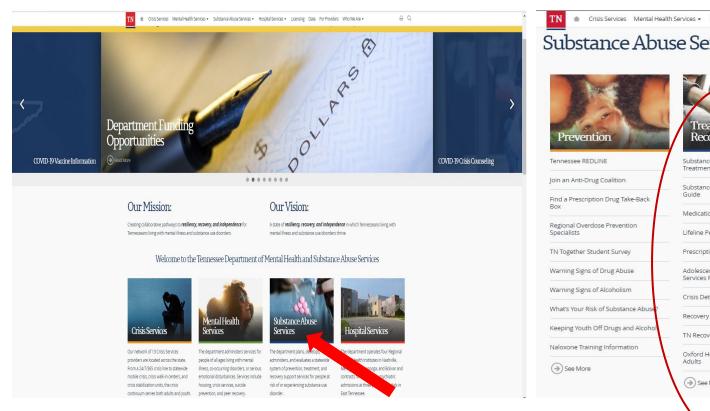
North Carolina Hotlines and Websites

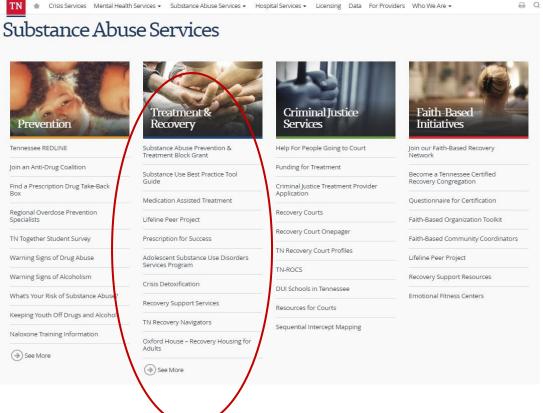




Tennessee Hotlines and Websites











Tennessee Hotlines and Websites

Call the Tennessee Statewide Crisis Line 24/7 1-855-CRISIS-1 (1-855-274-7471)

Mental Health and Substance Use Helpline:

Monday-Friday, 8 a.m. to 4:30 p.m. CST

Ph: (800) 560-5767

(615) 532-6700

The Tennessee REDLINE is the 24/7/365 resource for substance use treatment referrals. Anyone can call or text 1-800-889-9789 for confidential referrals.



SBIRT Summary



- It is **brief**.
- The screening is **universal**.
- One or more specific behaviors are targeted.
- The services may occur in a public health or other nonsubstance use treatment setting.
- It is comprehensive.
- Strong research or substantial experiential evidence supports the model.





Contact Information

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Audra Morrison, MSW
SBIRT Project Coordinator
School of Social Work

Email: <u>awmorrison1@ua.edu</u>

Our Website:

https://vitalalabama.com

Additional Resources:



SAMHSA Opioid Overdose Prevention TOOLKIT

Opioid Use Disorder Facts

Five Essential Steps for First Responders

Information for Prescribers

Safety Advice for Patients & Family Members

Recovering From Opioid Overdose



SAMHSA.gov

Harmreduction.org

Getnaloxonenow.org

Overdosepreventionalliance.org

Naloxoneinfo.org

Prescribetoprevent.org

Projectlazarus.org

Stopoverdose.org



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- https://www.washingtonpost.com/graphics/2019/investigations/dea-pain-pill-database/?utm_term=.65171d5aadc9&itid=lk_inline_manual_2
- <u>Substance Abuse Among Older Adults: A Guide for Social Service Providers http://store.samhsa.gov/product/substance-abuse-among-older-adults-for-social-service-providers/sma04-3971</u>
- Prescription and Illicit Drug Abuse http://nihseniorhealth.gov/drugabuse/improperuse/01.html
- SAMHSA Guide to Preventing Older Adult Alcohol and Psychoactive Medication Misuse/Abuse: Screening and Brief Intervention http://www.aoa.gov/AoA Programs/HPW/Behavioral/docs2/Issue%20Brief%203%20Screening%20Brief%20Interventions.pdf



Questions?







Behavioral Health Outcomes & Opioid Misuse

- ✓ Promote opioid best practices
- ✓ Decrease high dose opioid prescribing and opioid adverse events in all settings
- ✓ Increase access to behavioral health services

CMS 12th SOW Goals



Patient Safety

- ✓ Reduce risky medication combinations
- ✓ Reduce adverse drug events
- ✓ Reduce C. diff in all settings



Chronic Disease Self-Management

- ✓ Increase performance on ABCS clinical quality measures (i.e., aspirin use, blood pressure control, cholesterol management, cardiac rehab)
- ✓ Identify patients at high-risk for developing kidney disease & improve outcomes
- ✓ Identify patients at high risk for diabetes-related complications & improve outcomes



Quality of Care Transitions

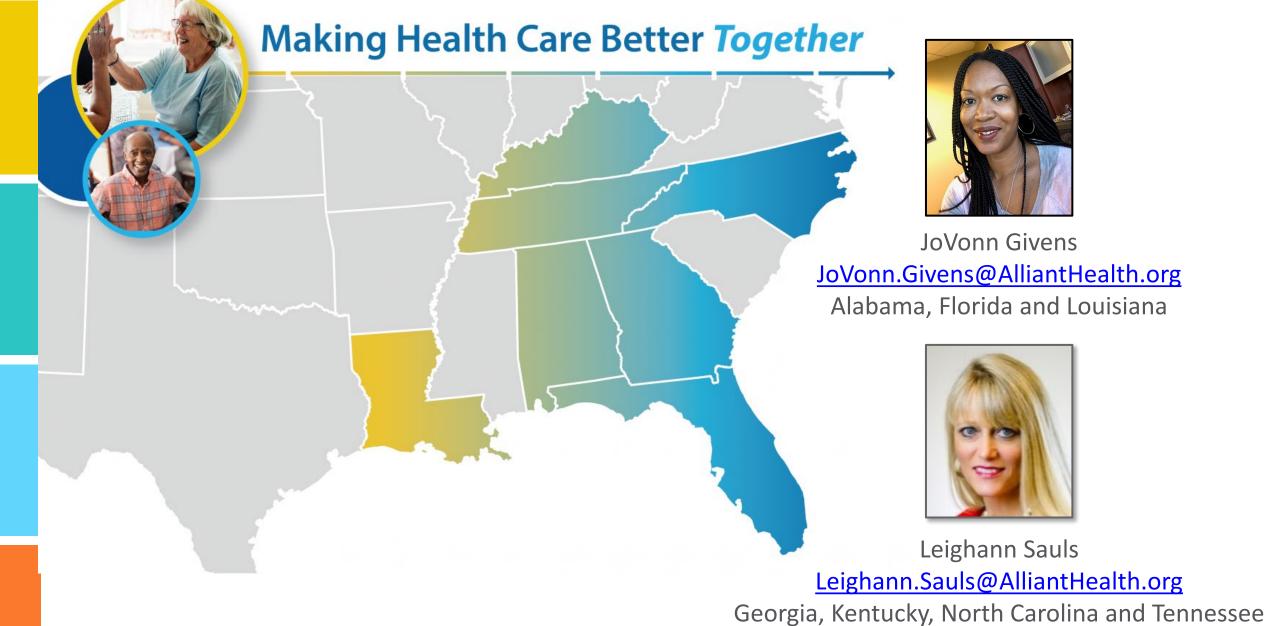
- ✓ Convene community coalitions
- ✓ Identify and promote optical care for super utilizers
- ✓ Reduce community-based adverse drug events



Nursing Home Quality

- ✓ Improve the mean total quality score
- ✓ Develop national baselines for healthcare related infections in nursing homes
- ✓ Reduce emergency department visits and readmissions of short stay residents





Program Directors





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