# Juvenile Mental Health and Substance Abuse

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#### **Overview**

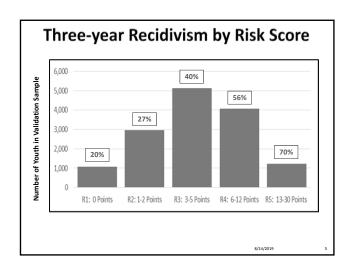
- Overview of the Risk-Needs-Responsivity approach to assessment and rehabilitation and its interface with substance use and mental health treatment
- ▶ Adolescent Substance Use and Mental Health Disorders
- Co-occurring Disorders
- ▶ Obtaining Services for Juvenile Justice Involved Youth
  - · Publicly-funded health services
  - Juvenile Justice Behavioral Health teams (JJBH/JJSAMHP)
- Juvenile Justice- and Juvenile Crime Prevention Council-funded programs and services

#### What Works in Reducing Recidivism

- RISK PRINCIPLE: Who you target, and how intensely
- NEED PRINCIPLE: Make sure you're addressing the right things.
- RESPONSIVITY PRINCIPLE: Don't forget that everybody is different; address things first that might prevent someone from benefiting from services or programs targeting crimineogenic needs.

# **The Risk Principle**

8/14/2019



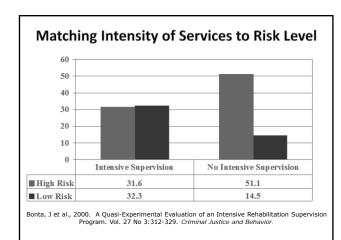
# What Makes Youth High Risk?

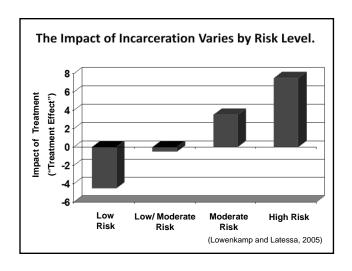
#### They have many risk factors.

- ➤ Static criminogenic risks (set factors)
- Age of first offense
- Number of prior offenses
- Family history of involvement in criminal activity

#### ➤ Criminogenic needs (*dynamic* factors)

- Thinking, attitudes, and beliefs
- Delinquent peers
- Family factors
- Substance use
- etc.





#### **Violating the Risk Principle**

- Low risk juveniles being over- supervised and overtreated
  - at BEST no reductions in recidivism
  - at WORST causing harm
- ▶ Why?
  - $\,{}^{\circ}\,$  Disrupt the very things that make the youth low risk

#### **Violating the Risk Principle**

- High risk juveniles being under-supervised and undertreated
  - $^{\circ}\,$  High risk youth with a substance use disorder being assigned to AA/NA
  - · Increased risk of recidivating
- ▶ Why?
- Does not provide enough supervision/control to reduce recidivism
- $\circ\,$  Does not provide enough intensity of programming to disrupt risk factors

#### The Risk Principle and Service Planning

- High risk juveniles should receive more intensive services for a longer period of time
  - Intensity = more groups, services, supervisory check-ins more often
- Low risk juveniles have fewer problems and more prosocial supports.
  - They usually do not require intensive interventions/supervision.

# **The Need Principle**

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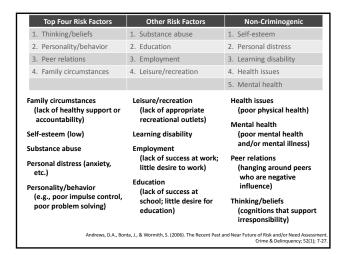
# **The Need Principle**

- Assess and target the needs/problems related to criminal behavior that have potential for change.
- Criminogenic needs = dynamic risk factors
  - Attitudes, peers, substance abuse, lack of empathy, family issues, impulsivity, low educational achievement, anger, egocentric
- Non-criminogenic needs = problems not related to criminal behavior
  - Medical issues, low self-esteem or mental health issues, artistic or musical ability and/or skills, physical ability

Top Four Risk Factors	Other Risk Factors	Non-Criminogenic		
1.	1.	1.		
2.	2.	2.		
3.	3.	3.		
4.	4.	4.		
		5.		
Family circumstances (lack of healthy support or accountability)	Leisure/recreation (lack of appropriate recreational outlets)	Health issues (poor physical health)		
Self-esteem (low)	•	Mental health		
` '	Learning disability	(poor mental health and/or mental illness)		
Substance abuse  Personal distress (anxiety, etc.)  Personality/behavior	Employment (lack of success at work; little desire to work)  Education (lack of success at school; little desire for education)	Peer relations (hanging around peers who are negative influence)		
(e.g., poor impulse control, poor problem solving)		Thinking/beliefs (cognitions that support irresponsibility)		
Andrews, D.A., Bonta, J., & Wormith, S. (2006). The Recent Past and Near Future of Risk and/or Need Assessment.  Crime & Delinquency; 52(1); 7-27.				

Top Four Risk Factors	Other Risk Factors	Non-Criminogenic		
1. Thinking/beliefs	1.	1.		
2. Personality/behavior	2.	2.		
3. Peer relations	3.	3.		
4. Family circumstances	4.	4.		
		5.		
Family circumstances (lack of healthy support or accountability)	Leisure/recreation (lack of appropriate recreational outlets)	Health issues (poor physical health) Mental health		
Self-esteem (low)	Learning disability	(poor mental health		
Substance abuse	Employment	and/or mental illness)		
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		Thinking/beliefs (cognitions that support	



#### **Need Principle: Why Target Criminogenic Domains?**

- Research shows a 38% reduction in recidivism when case plans contained interventions matched to assessed criminogenic needs for high risk youth. (Luong, D., & Wormith, J.S. (2011).
- The absence of interventions to address a domain that was ranked medium risk or higher was associated with an 82% increase in likelihood of recidivism. (Luong, D., & Wormith, J.S. (2011).

# Sample Risky Attitudes

- ➤ Negative expressions about the law
- ➤ Negative expressions about conventional institutions, values, rules, & procedures, including authority
- ➤ Negative expressions about self-management of behavior, including problem solving ability
- ➤ Negative attitudes toward self and one's ability to achieve through conventional means
- > Lack of empathy and sensitivity toward others

#### **Neutralizations and Minimizations**

Self-talk that serves to justify or support criminal activity.

- Denial of Responsibility: Criminal acts are due to factors beyond the control of the individual; thus, the individual is free to act, without guilt.
- Denial of Injury: Admits responsibility for the act, but minimizes the extent of harm or denies any harm
- $^{\circ}\,$  Denial of the Victim: Reverses the role of offender & victim & blames the victim
- "System Bashing": Those who disapprove of the offender's acts are defined as immoral, hypocritical, or criminal themselves.
- Appeal to Higher Loyalties: "Live by a different code" The demands of larger society are sacrificed for the demands of more immediate loyalties.

# Pathways To Desistance

## **Main Findings**

▶ 2 sites, multi-year, over 1,400 youth

Psychosocial development is related to criminal offending patterns and desistance from crime.

https://www.pathwaysstudy.pitt.edu/

21

# Pathways To Desistance

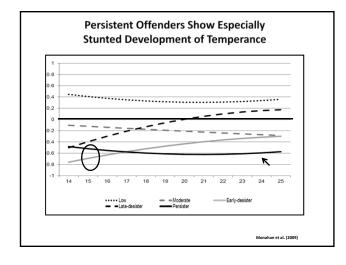
# **Main Findings**

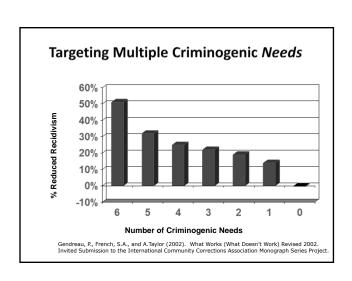
#### ▶ Psychosocial Maturity:

- Responsibility independence and self-care
- <u>Temperance</u> self-regulation (self-control, impulse control, ability to delay gratification)
- <u>Perspective</u> thinking about oneself, others, and consequences of one's actions; future orientation

https://www.pathwaysstudy.pitt.edu/

10





#### The Responsivity Principle

## **Responsivity Principle**

Refers to the learning/interaction styles of the juveniles or program characteristics which can affect responsiveness to programming

- External responsivity factors
   Program characteristics
- Program setting
   Internal responsivity factors
  - Motivation
  - · Mental health anxiety, depression, trauma
  - Substance use
  - Maturity
  - Transportation
  - Cognitive deficiencies
     Demographics

#### **Responsivity Factors**

- ▶ General programs that are based on cognitivebehavior/social learning theories are generally responsive to offenders
- ▶ Specific individuals learn differently and may have certain barriers that should be removed before programming or addressed during programming

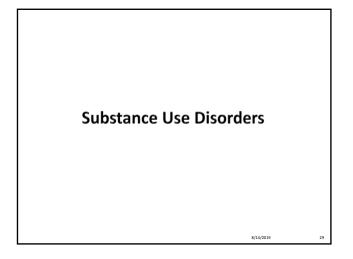
## In three separate investigations...

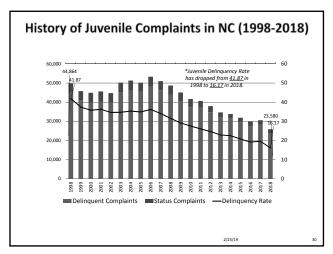
Assessing mental health at probation intake:

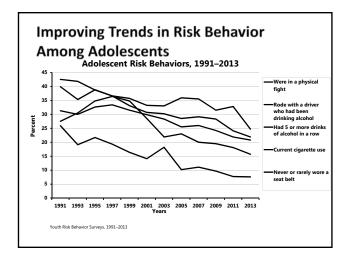
• Probation officer and court referrals for mental health services were linked to diagnosis (NY, AL, TX).

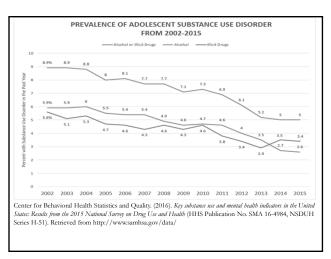
In two of those, when recidivism in the next 1-5 years was measured, both of the following resulted in significant reductions in recidivism:

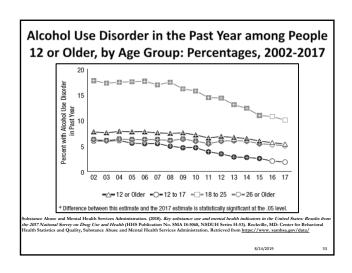
- · Receipt of MH/SU services (TX) or
- · Court referral (AL) for MH/SU services.

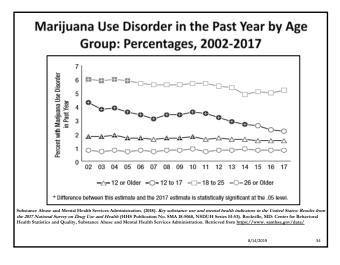


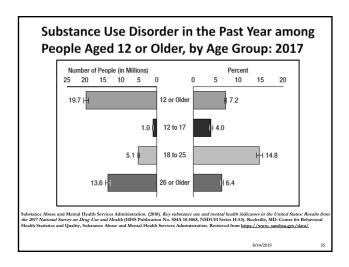


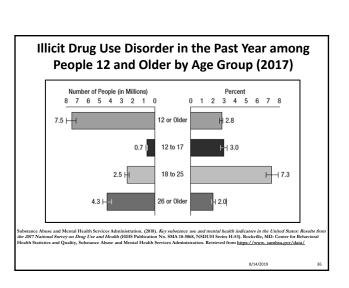


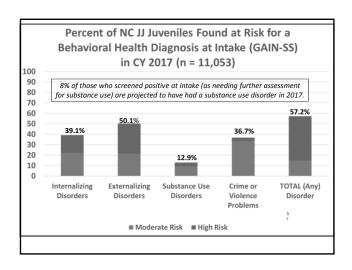


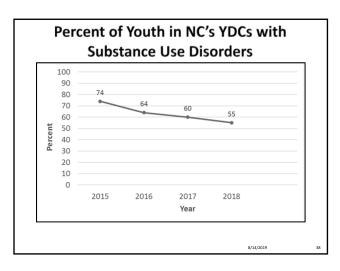


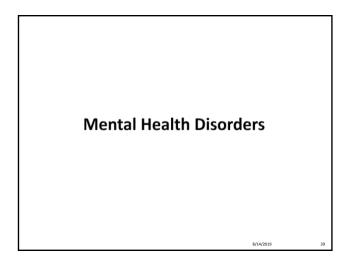


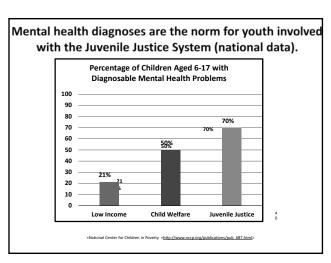




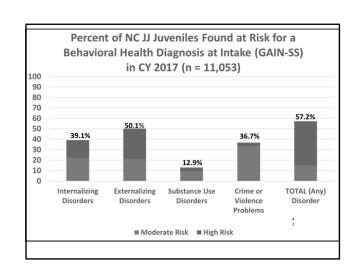


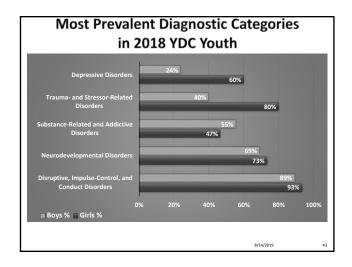


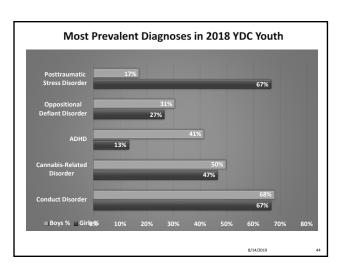




ates of disorder and comorbidity increase wi justice system penetration.				
	System intake (n=3803)	Detention (n=1055)	Secure Care (n=4961)	
Any disorder	35.1	58.9	63.7	
Anxiety Disorder	18.7	26.9	20.3	
Mood Disorder	5.7	11.2	8.8	
Disruptive Behavior Disorder	15.1	32.2	35.7	
Substance Use Disorder	16.7	38.8	47.0	
2+ diagnostic clusters	12.1	29.6	32.8	
Past month suicide attempt	1.9	3.7	2.5	
Lifetime suicide attempt	10.8	17.7	16.3	







#### Prevalence of Co-Occurring Disorders in NC's Juvenile Justice Population

- 70% meet criteria for at least one Mental Health Disorder
- ▶ 50% of those meet criteria for co-occurring Substance Use Disorder
- 100% of those with a substance use disorder had a cooccurring mental health diagnosis
- ► 62 77% of confined juvenile offenders report lifetime histories of trauma (90 100% of girls)

# Mental Health Disorders Most Likely to Co-occur with SUDs in Justice Populations

- Externalizing Disorders
- Attention Deficit/Hyperactivity Disorder (ADHD)
- · Oppositional-Defiant Disorder
- · Conduct Disorder
- Internalizing Disorders
  - Anxiety Disorders (including Post-traumatic Stress Disorder)
- Mood Disorders

#### **Treatment Challenges for Co-Occurring Disorders**

- Substance abuse treatment reduces symptoms of abuse and/or dependence, as well as frequency of use, but usually has only an indirect impact on emotional and behavioral problems.
- Mental health treatment alone for those with co-occurring mood and substance use disorders does not significantly reduce substance use, especially among the young.

Integrated treatment addressing both is preferable.

(Graves et al., 2010)

#### **Psychotherapy Approaches**

- Sequential: treat one disorder before moving on to the other
- Parallel: treated simultaneously by different professionals
- Integrated: actively combining interventions in therapy or a treatment setting intended to address substance abuse and mental disorders in order to treat both, related problems, and the whole person more effectively.

48

# Trauma-focused care should be an essential component of management.

- ▶ Rates of traumatic exposure dramatically elevated in justice-involved juveniles (PTSD is 7X higher, trauma exposure is increased 2.5X, a history of forced sex is10x higher in justice-involved youth).
- ▶ Trauma exposure is related to:
  - all types of disorder (especially Depression and SUDs)
  - $^{\circ}\,$  markers of antisocial behavior in adulthood
- ▶ Types of exposure vary by gender:
  - Males: assaultive violence
  - Females: forced Sex

Wasserman & McReynolds, JOTS, 2011

# **Comparison of Trauma Exposure**

Type of Trauma	Incarcerated Adolescents	High School Students
Sexual violence (males and females)	16%	6%
Sexual violence (females only)	29%	11%
Community violence	6.8 types	3.1 types
Know someone who had been killed	92%	58%
Shot, or shot at	72%	23%

Wood et al. ( 2002)

#### **ACE Study: Overall Findings**

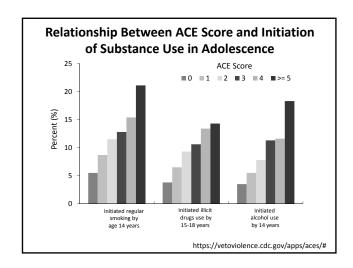
- ► Adverse Childhood Experiences (ACEs) are common.
- There is a dose-response relationship between ACEs and lifelong risk behaviors and poor health.

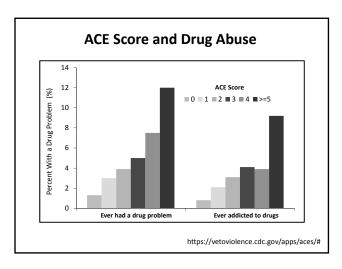
https://vetoviolence.cdc.gov/apps/aces/#

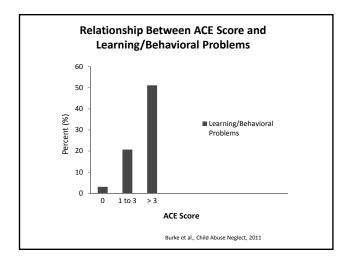
# **Adverse Childhood Experiences**

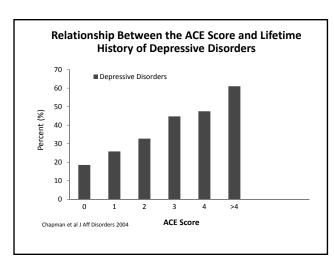
- ▶ Emotional abuse
- Physical abuse
- Sexual Abuse
- ▶ Emotional neglect
- ▶ Physical neglect
- ▶ Household Dysfunction:
  - Mother treated violently
  - Household substance abuse
  - · Household mental Illness
  - $\,{}^{\circ}\,$  Parental separation or divorce
  - Incarcerated household member

8/14/2019



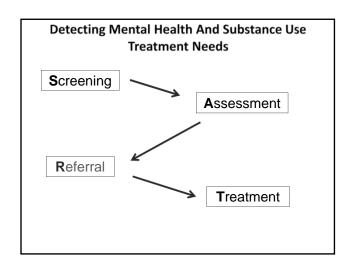






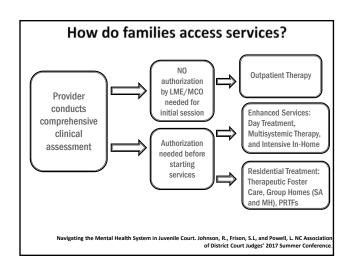
Accessing Medicaid- and State-Funded Services

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#### **Screening and Assessment**

- ➤ Screening is the identification of unrecognized problems in apparently well person via procedures that can be applied rapidly and inexpensively. Screening tools are usually designed to be used by a non-clinician (e.g., a court counselor).
- Persons who screen positive should receive further assessment to establish whether the problem is truly present.



#### How do families access services?

#### Three ways to access services:

- 1. Call LME/MCO access line.
- Go directly to a provider who is contracted with the LME/MCO.
- 3. Through a crisis service



# **Comprehensive Clinical Assessment**



- Intensive clinical and functional face-to-face evaluation of a youth's presenting mental health, developmental disability, and substance use disorder
- Results in a written report that provides clinical basis for development of a treatment or service plan and recommendations for service
- Completed before the start of treatment for enhanced services and residential treatment
- · Determines medical necessity
- Used for Individual Therapy, Family Therapy, and Group Therapy
- Must be completed by a licensed or provisionally licensed individual

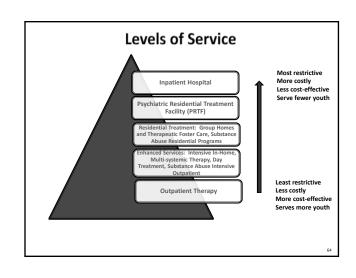
62

#### **Criteria for Involvement in Funded Services**

- All covered services must be medically necessary for meeting specific preventive, diagnostic, therapeutic, and rehabilitative needs.
- There must be a diagnosis reflecting need for treatment.
- Service is individualized, specific, and consistent with symptoms or confirmed diagnosis of the illness or injury under treatment.

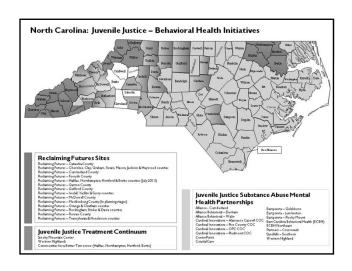
Navigating the Mental Health System in Juvenile Court. Johnson, R., Frison, S.L, and Powell, L. NC Association of District Court Judges' 2017 Summer Conference.

63



Juvenile Justice Behavioral Health Teams <a href="http://ncjjbh.org/">http://ncjjbh.org/</a>

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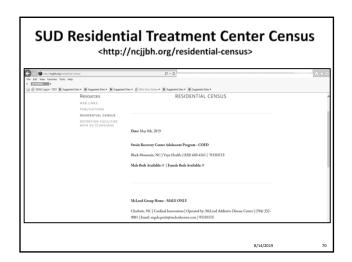
# COMPENDIUM OF SERVICES For the North Carolina Juvenile Justice Substance Abuse Mental Health Partnerships (JJSAMHP) 2018 North Carolina thicken of Swad Health, Development bisabilities and Substance Abuse services North Carolina thicken of Amendal Health, Development bisabilities and Substance Abuse services North Carolina thicken and Deficience Personalise Consented to Vende, Temily & Commandor Personalise Compendium of Services, available via a link at http://ncjjbh.org/publications

#### **Evidence-Based/Supported Treatments for Adolescents**

- MET/CBT 5 and 12
- Adolescent Community Reinforcement Approach (A-CRA)
- Motivational Enhancement Therapy (MET)
- The Seven Challenges Program
- Seeking Safety (SS)
- Functional Family Therapy (FFT)
- Relapse Prevention Therapy (RPT)
- Multisystemic Therapy (MST)
- Multidimensional Family Therapy (MDFT)
- Trauma-Focused Cognitive Behavior Therapy (TF-CBT)
- Structured Psychotherapy for Adolescents Responding to Chronic Stress (SPARCS)
- Brief Strategic Family Therapy (BSFT)
- Family Support Network (peer support)

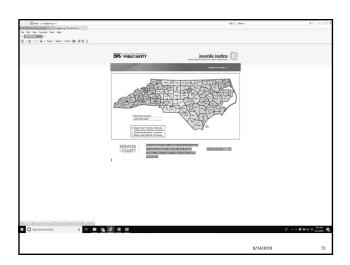
 Common thread running through treatment of SUD and MH disorders in adolescence: there is a family focus in treatment. Treatment models with a family component are among the most effective.

9/14/2019

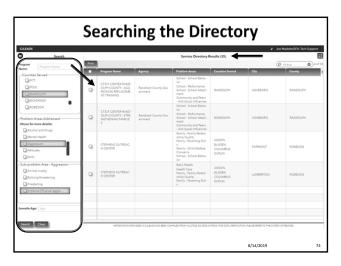


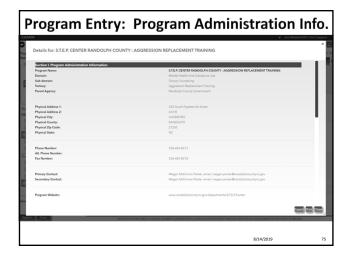
## Juvenile Crime Prevention Council Programs

- Ensure that appropriate dispositional options are available in the community
- Assess needs of juveniles in the community
- Assess resources available in the community to meet the needs identified
- Develop or propose ways to meet those needs
- Evaluate programs for effectiveness









After treatment is completed, remember the Need
Principle; have criminogenic needs also been addressed?

Assess and target the needs/problems related to criminal behavior that have potential for change.

Criminogenic needs = dynamic risk factors
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# **Questions? Need Help?**

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