Behavioral Assessment of Youth: Where Comorbidity is the Norm, Not the Exception

- ⊕ www.samgoldstein.com
- info@samgoldstein.com
- @drsamgoldstein
- @doctorsamgoldstein



Sam Goldstein, Ph.D. Assistant Clinical Professor University of Utah School of Medicine

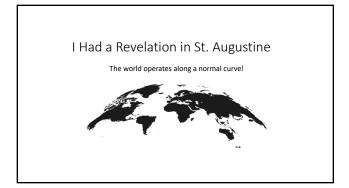
Clinical Director Neurology, Learning and behavior Center

Disclosure

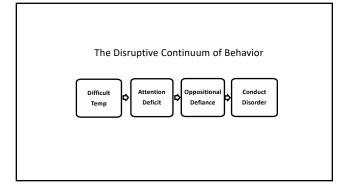
- My expenses for this talk are supported by Multi-Health Systems.
- I have developed tests marketed by Multi-Health Systems, Pro-Ed and Western Psychological Services.
- I have authored books marketed by Springer, Wiley, Guilford, Double Day, McGraw Hill, Brookes, Kluwer and Specialty Press.
- I am Editor in Chief of the Journal of Attention Disorders (Sage) and Co-Editor of the Encyclopedia of Child Development (Springer)

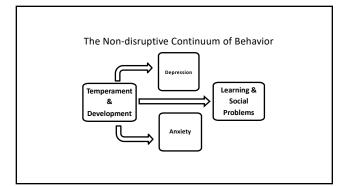
Place our role as evaluators in context Provide an evaluators in context Review prevalence of comprehensive and eligibility Review prevalence of comprehensive and eligibility Review prevalence of comprehensive assessment Review prevalence of comprehensive assessment Review tools influencing assessment

The Bus Test	
School Bus A	









How Shall We Understand, Define and Categorize Mental Illness and Developmental Problems?



- By etiology or cause?
- By emotions, abilities, behaviors and thoughts?
- By impaired function in activities of life?



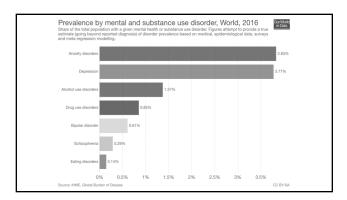
Medicine/Medical.

Diagnosis

The process of determining by examination the nature and circumstances of a diseased condition.

The decision reached from such an examination.

Eligible adjective Having the right to do or obtain something; satisfying the appropriate conditions. "Customers who are eligible for discounts, doubled, obtain of the propriet of the pro



How distinct are these disorders from each other? Much less so than makes me comfortable!	
Much less so than makes me comfortable!	
Co-Occurrence/Comorbidity	
Dx ASD ODD CD Anx Dep LD	
ADHD 59% 47% 22% 35% 41% 45%	
AUTU 35% 47% 22% 35% 41% 45%	
ASD	
ODD 42% 62% 39% 55%+	
How distinct are these disorders from each	
other?	
Although the National Institute of Mental Health (NIMH) has prepared well for this undertaking, much remains to be done. Rigorous diagnostic procedures	
are available for some mental disorders, but not all. Studies to identify the genes that influence the onset of mental disorders have been initiated, but too	
few are large enough to efficiently detect these genes. Dedicated investigators are working on various aspects of mental disorders, but more researchers with training in molecular and statistical genetics are required (NIH:1997)	
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How distinct are t	hese d	isord	ers
from each other?			

For over a century, psychiatric disorders have been defined by expert opinion and clinical observation. The modern DSM has relied on a consensus of experts to define categorical syndromes based on clusters of symptoms and signs, and, to some extent, external validators, such as longitudinal course and response to treatment. In the absence of an established etiology, psychiatry has struggled to validate these descriptive syndromes, and to define the boundaries between disorders and between normal and pathologic variation.

Psychiatric genetics and the structure of psychopathology

Jordan W. Smoller ⁶⁸, Ole A. Andreassen, Howard J. Edenberg, Stephen V. Faraone, Stephen J. Glatt & Kenneth S. Kendler

Molecular Psychiatry (2018) | Download Citation &

How distinct are these disorders from each other?

Before the modern era of genomic research, family and twin studies demonstrated that all major psychiatric disorders aggregate in families and are heritable. Over the past decade, the success of large-scale genomic studies has confirmed several key principles: (1) psychiatric disorders are highly polygenic, reflecting the contribution of hundreds to thousands of common variants of small effect and rare (often de novo) SNVs and CNNs; (2) genetic influences on psychopathology commonly transcend the diagnostic boundaries of our clinical DSM nosology. At the level of genetic etiology, there are no sharp boundaries between diagnostic categories or between disorder and normal variation

Psychiatric genetics and the structure of psychopathology

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Kenneth S. Kendler

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Comorbidity is the

RULE

not the Exception



What is Evaluat	the Goal of a Comprehensive ion?
	Identify and define symptoms?
ania.	Identify and define strengths and weaknesses?
V	 Appreciate the relationship of a set of symptoms to a unitary condition?
	 Define limits of functional impairment to set a baseline for intervention?
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Components of a Thorough Assessment

- History
- Broad Spectrum Questionnaires (Parent and Teacher)
- Impairment. Risk. **Executive Functioning**
- Narrow Spectrum Questionnaires (Parent and Teacher)
- Self report Questionnaires
- · Ability Assessment
- · Achievement Assessment
- · Interview with student



General Guidelines for a Comprehensive Evaluation

- A distinction should be made between acute vs. chronic problems.
 Person and environment protective factors need to be understood.
- Assessment should be strength and risk focused.
- Test results should be presented in ways that are useful to consumers (e.g. family, school, etc.).

 The least amount of assessment needed to answer referral questions should be completed.



Person Attributes Assoc	ciated With Successful
Person Attributes Assoc Coping* ■ Affectionate, engaging temperame ■ Sociable. ■ Autonomous. ■ Above average IQ. ■ Good reading skills. ■ High achievement motivation.	
	*Replicated in 2 or more studies.

Environmental Factors Associated With Successful Coping* Smaller family size. Maternal competence and mental health. Extended family involvement. Close bond with primary caregiver. Supportive siblings. Living above the poverty level. Friendships. Supportive teachers. Successful school experiences. Involvement in pro-social organizations.

*Replicated in 2 or more studies.



Determining eligibility is an outcome best understood and obtained by a thorough assessment.



Critical Issues In Assessment

- Demographics
- Symptoms vs. consequences
- Categories vs. dimensions
- Eligibility vs. diagnosis
- Developmental pathways: accept a moment in time
- There are no shortcuts
- Assess the environment

Critical Issues in Assessment



- Assess for intervention
- Understand positive and negative predictive power
- Understand sensitivity vs. specificity
- Begin with the disruptive/non-disruptive continuum
- Keep low incidence problems in mind
- Consider resilience (protective) factors
- Measure impairment

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How the Brain Works Ability, Knowledge and Skill	
13	
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Organizing the Data	
• A day in the life	
Ability/Knowledge/Skill Take a chronological perspective. Risk and Protective factors Determining eligibility Suggesting possible diagnoses Recommending needs Considering continuum of services	
ADOPT A LEARNING TO RIDE A BICYCLE MINDSET!	

	Questions?	
	⊕ www.samgoldstein.com	
	info@samgoldstein.com	
	> @drsamgoldstein	
	@doctorsamgoldstein	
Т	EDx: https://www.youtube.com/watch?v=isfw8JJ-eWM	