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Special Section: Toward Validation of a Structural Approach to Conceptualizing Psychopathology Co-Editors: Robert F. Krueger, Jennifer L. Tackett, and Angus MacDonal III

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1023 Toward Validation of a Structural Approach to Conceptualizing Psychopathology: A Special Section of the *Journal of Abnormal Psychology*

Robert F. Krueger, Jennifer L. Tackett, and Angus MacDonal

The classical categories of authoritative nosologies are giving way to more empirical classification schemes in psychopathology research. This special section aims to help catalyze this process by bringing together efforts to validate quantitatively derived dimensions of psychopathology.

1027 Elucidating the Validity of the Externalizing Spectrum of Psychopathology in Correctional, Forensic, and Community Samples

Martin Sellbom

Externalizing mental disorders (e.g., antisocial personality disorder, alcohol and drug dependence) can be organized in a hierarchical structure based on what they have in common. The current study evaluated and provided additional scientific support for an elaborated structure of externalizing structure across multiple groups of people. In addition, different levels and aspects of the externalizing hierarchy can be helpful in understanding clinical psychology decisions in forensic psychology practice.

1039 The Structure of Psychopathology in Adolescence and Its Common Personality and Cognitive Correlates

Natalie Castellanos-Ryan, Frederic N. Brière, Maeve O'Leary-Barrett, Tobias Banaschewski, Arun Bokde, Uli Bromberg, Christian Büchel, Herta Flor, Vincent Frouin, Juergen Gallinat, Hugh Garavan, Jean-Luc Martinot, Frauke Nees, Tomas Paus, Zdenka Pausova, Marcella Rietschel, Michael N. Smolka, Trevor W. Robbins, Robert Whelan, Gunter Schumann, Patricia Conrod, and The IMAGEN Consortium

This study provides support for a spectrum and common liability model of psychopathology, with findings showing that in a community sample of European adolescents: a) internalizing and externalizing psychopathology share substantial variance that can be modeled as a general psychopathology factor; and (b) that the common variance across psychopathologies is associated with personality traits related to high disinhibition/impulsivity, low agreeableness, high neuroticism and hopelessness, as well as different aspect of cognitive function, namely high delay-discounting, poor response inhibition and low performance IQ.

1053 External Validity of a Hierarchical Dimensional Model of Child and Adolescent Psychopathology: Tests Using Confirmatory Factor Analyses and Multivariate Behavior Genetic Analyses

Irwin D. Waldman, Holly E. Poore, Carol van Hulle, Paul J. Rathouz, and Benjamin B. Lahey

In this study we established the external validity of a hierarchical dimensional model of child and adolescent psychopathology by examining differential associations with various correlates and with genetic and environmental influences.

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1067 The Contribution of Reinforcement Sensitivity to the Personality-Psychopathology Hierarchical Structure in Childhood and Adolescence

Helena R. Slobodskaya

This study shows that normal personality traits and problem behaviors in childhood and adolescence may have a common hierarchical structure, both according to parent reports and adolescent self-reports, and supports the role of reward and punishment systems in the development of personality and psychopathology.

1079 Stress Responsivity and the Structure of Common Mental Disorders: Transdiagnostic Internalizing and Externalizing Dimensions Are Associated With Contrasting Stress Appraisal Biases

Christopher C. Conway, Lisa R. Starr, Emmanuel P. Exeju, Patricia A. Brennan, and Constance Hammen

Biased perceptions of stressful or emotional events confer vulnerability to a wide array of psychological disorders. We found here that aberrant appraisals of real-world stressors directly predict liability to Internalizing and Externalizing traits, which serve as substrates for diverse mental disorders, but in markedly different ways. Exaggerated perceptions of stressor severity predicted higher standing on the Internalizing trait—predisposing to anxiety and depression—whereas a tendency to downplay stressor impact predicted elevations on externalizing—predisposing to antisocial behavior and substance misuse.

1090 Using Repeated Daily Assessments to Uncover Oscillating Patterns and Temporally-Dynamic Triggers in Structures of Psychopathology: Applications to the DSM-5 Alternative Model of Personality Disorders

Michael J. Roche, Nicholas C. Jacobson, and Aaron L. Pincus

This study found that the dimension of time (i.e., variability of symptoms across days) adds important nuance to distinguishing aspects of personality dysfunction. Also, the dimension of time can help us integrate the between-person and single occasion notions of psychopathology structure with the within-person and ever changing oscillations of impairments that patients experience in daily life.

1103 Validating Dimensions of Psychosis Symptomatology: Neural Correlates and 20-Year Outcomes
Roman Kotov, Dan Foti, Kaiqiao Li, Evelyn J. Bromet, Greg Hajcak, and Camilo J. Ruggero

This study illustrates an approach to selection of factor structures that is based on external validity (prediction of validators) rather than internal validity (accounting for correlations among markers). It provides further evidence that the distinction between inexpressivity and apathy/asociality symptoms of psychosis is significant. Finally, we constructed scales to measure the identified dimensions and evaluated their psychometric characteristics.

1120 Longitudinal Validation of General and Specific Structural Features of Personality Pathology
Aidan G. C. Wright, Christopher J. Hopwood, Andrew E. Skodol, and Leslie C. Morey

This study suggests that personality disorders (PDs) are made up of shared features general to all PDs, as well as relatively more specific stylistic features, and that it is declines in the shared features that account for the observed improvement in these disorders over time. In contrast, the specific features are much more stable.

1135 **White Matter Correlates of Psychosis-Linked Traits Support Continuity Between Personality and Psychopathology**

Rachael G. Grazioplene, Robert S. Chavez, Aldo Rustichini, and Colin G. DeYoung

This study demonstrates that regionally specific white matter coherence patterns typically linked to psychotic spectrum liability are associated with positive schizotypy and Openness to Experience in a large community sample. These findings suggest that individual differences in frontal and temporal white matter may underpin nonclinical expressions of psychosis-linked personality traits.

1146 **Structure as Cause and Representation: Implications of Descriptivist Inference for Structural Modeling Across Multiple Levels of Analysis**

Kristian E. Markon and Katherine G. Jonas

Models of psychopathology structure can be thought of as parsimonious ways to represent psychopathological phenomena. Mathematical information theory provides a principled approach to doing so, that complements approaches based on causality.

1158 **Connecting Psychopathology Meta-Structure and Mechanisms**

Charles A. Sanislow

The Research Domain Criteria (RDoC) project was initiated by the National Institute of Mental Health to facilitate research on mental disorders by providing a new way to understand connections of problems in the brain and body with clinical symptoms and distress. The aim is to improve the diagnosis of mental disorders, and facilitate the development of better treatments. In this commentary, ways that RDoC and statistical approaches to complement each other to better understand mental disorders complement are described.

Mood and Anxiety Disorders

1166 **Attentional Biases in Children of Depressed Mothers: An Event-Related Potential (ERP) Study**

Brandon E. Gibb, Seth D. Pollak, Greg Hajcak, and Max Owens

Although there is growing evidence that children of depressed mothers exhibit attentional biases for sad faces, the direction of this bias is unclear. The current study examined event-related potential indices of biased attention within the context of a spatial cueing task and showed that children of depressed, compared to never depressed, mothers exhibit attentional avoidance of sad faces.

1179 **Interoception in Pathological Health Anxiety**

Susann Krautwurst, Alexander L. Gerlach, and Michael Witthöft

Clinical observations suggest that patients with pathological health anxiety might be hypersensitive concerning the detection of mild and benign somatic sensations. The results of this study support the notion that health anxiety is not associated with a better ability to accurately detect body signals but rather with a biased perception in terms of a tendency to overestimate the occurrence of somatic changes.

1185 **The Neurobiology of Self-Face Recognition in Depressed Adolescents With Low or High Suicidality**

Karina Quevedo, Rowena Ng, Hannah Scott, Jodi Martin, Garry Smyda, Matt Keener, and Caroline W. Oppenheimer

Depressed adolescents with high suicidality show less activity in brain areas that support emotional experiences and self-awareness when identifying their own face, suggesting that abnormal self-processing may be associated with greater suicide risk.

(Contents continue)

- 1201 Neurobehavioral Markers of Resilience to Depression Amongst Adolescent Exposed to Child Abuse
 Meg J. Dennison, Margaret A. Sheridan, Daniel S. Bussó, Jessica L. Jenness, Matthew Peverill,
 Maya L. Rosen, and Katie A. McLaughlin

Childhood maltreatment is associated with elevated risk for depression during adolescence, and little is known about factors associated with resilience to depression among this vulnerable group. This study suggests that greater reactivity to positive and rewarding experiences are potential markers of resilience to depression among maltreated youth.

Other

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