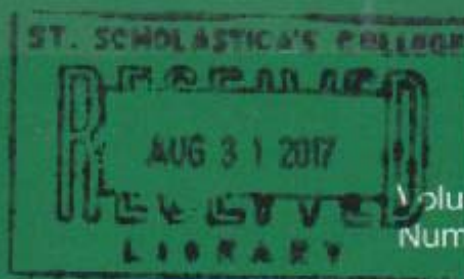




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## Mood and Anxiety Disorders

- 713 Real-Life Validation of Reduced Reward Processing in Emerging Adults With Depressive Symptoms  
*Jindra Myrthe Bakker, Liesbet Goossens, Iris Lange, Stijn Michiels, Koen Schruers, Ritsaert Lieve, Machteld Marcellis, Thérèse van Amelsvoort, Jim van Os, Inez Myin-Germeys, and Marieke Wichers*

The current study suggests that findings from carefully controlled laboratory studies regarding the experience of positive emotions can be translated into day-to-day experiences and behaviors. This was investigated in a group of young people experiencing mild depressive symptoms. We suggest that this information can help the development of treatments that prevent the worsening of these symptoms.

- 726 Examination of Real-Time Fluctuations in Suicidal Ideation and Its Risk Factors: Results From Two Ecological Momentary Assessment Studies  
*Evan M. Kleiman, Brianna J. Turner, Szymon Fedor, Eleanor E. Beale, Jeff C. Huffman, and Matthew K. Nock*

Traditionally, suicidal ideation and its risk factors have been studied using long periods of time (e.g., years, months) between measurements, precluding any short-term examination of real-time variation in suicidal ideation. Using smartphone-based assessments collected multiple times per day, this study revealed that suicidal ideation and its risk factors often vary considerably over a period as short as 4 to 8 hours. Additional studies using real-time monitoring are needed to further study dynamic short-term changes in suicidal ideation and its risk factors, and to test the impact of interventions aimed at decreasing their occurrence.

- 739 Insomnia Symptoms Drive Changes in Suicide Ideation: A Latent Difference Score Model of Community Adults Over a Brief Interval  
*Kelly L. Zuromski, Ian Cero, and Tracy K. Witte*

The relationship between insomnia and suicidal behavior has previously been demonstrated, but the directionality of this relationship remains untested. This study provides evidence that higher levels of insomnia symptoms drive increases in suicide ideation over a brief interval, but not vice versa.

- 750 Frontal Alpha Asymmetry in OCD Patients and Unaffected First-Degree Relatives  
*Rosa Grützmann, Anja Riesel, Julia Klawohn, Stephan Heinzl, Christian Kaufmann, Katharina Bey, Leonard Lennertz, Michael Wagner, and Norbert Kathmann*

This study found no evidence for altered frontal cortical asymmetry, a neural correlate of approach-avoidance motivation, in patients with obsessive-compulsive disorder. Increased left frontal activity, which is linked to adaptive coping under stress, was observed in unaffected first-degree relatives of OCD patients, implying that it might serve as a protective factor in the etiology of obsessive-compulsive disorder.

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(Contents continue)

761 **Implicit Approach and Avoidance in Patients With Obsessive-Compulsive Disorder**

*Barbara Cludius, Anne Katrin Külz, Sarah Landmann, Steffen Moritz, and Charlotte E. Wittekind*

Avoidance is an important feature of obsessive-compulsive disorder (OCD). Although patients with OCD report avoidance behavior in direct measures such as interviews or questionnaires, a different behavioral pattern emerged in a study that assessed avoidance indirectly. Patients with checking-related symptoms of OCD showed a tendency of a faster approach to pictures depicting checking-related material instead of the expected pattern of faster avoidance.

### **Developmental Disorders**

774 **Heterogeneity in Development of Aspects of Working Memory Predicts Longitudinal Attention Deficit Hyperactivity Disorder Symptom Change**

*Sarah L. Karalunas, Hanna C. Gustafsson, Nathan F. Dieckmann, Jessica Tipsord, Suzanne H. Mitchell, and Joel T. Nigg*

This study suggests that substantial variability in cognitive development exists for children both with and without ADHD. For children with ADHD, specifically, development of some cognitive processes, such as working memory maintenance, may be particularly informative for understanding how symptoms change during childhood.

793 **Structural Learning Difficulties Implicate Altered Hippocampal Functioning in Adults With Autism Spectrum Disorder**

*Melanie Ring, Claire L. T. Derwent, Sebastian B. Gaigg, and Dermot M. Bowler*

The role of hippocampal abnormalities in the etiology of autism spectrum disorder (ASD) has remained unclear because few studies have employed tasks that necessitate hippocampal function. This study confirms hippocampal involvement in ASD by demonstrating specific impairments on a particular kind of configural learning (structural learning) that is known to be hippocampus dependent.

### **Eating Disorders**

805 **Heightened Attentional Capture by Visual Food Stimuli in Anorexia Nervosa**

*Renate A. M. Neumeijer, Anne Roefs, and Peter J. de Jong*

The current study tested the hypothesis that people with anorexia nervosa show attentional avoidance of food. This might help them to persist in their restrictive food intake. In contrast with the hypothesis, it was shown that anorexia patients were highly distracted by food pictures compared to healthy controls.

### **Transdiagnostic and Other Disorders**

812 **Stability and Change in Etiological Factors for Alcohol Use Disorder and Major Depression**

*Fartein Ask Torvik, Tom Henrik Rosenström, Eivind Ystrom, Kristian Tambs, Espen Røysamb, Nikolai Czajkowski, Nathan Gillespie, Gun Peggy Knudsen, Kenneth S. Kendler, and Ted Reichborn-Kjennerud*

Alcohol use disorder (AUD) and major depressive disorder (MDD) are influenced by genetic risk factors, and these may vary between life phases. This study suggests that the genetic risk factors for MDD are stable from young to middle adulthood, but vary across time for AUD. Environmental triggers of MDD were transient, but environmental triggers of AUD had lasting effects, suggesting that preventing AUD in young adulthood may be particularly important. The environmental aspects of AUD and MDD became more strongly associated with higher age, suggesting that some environments can lead to both disorders or that the disorders develop together.

## Methodological Advances in Abnormal Psychology

- 823 Psychometrics and the Neuroscience of Individual Differences: Internal Consistency Limits Between-Subjects Effects

Greg Hajcak, Alexandria Meyer, and Roman Kotov

Limited advances from clinical neuroscience may stem from a failure in the field to consider basic measurement properties of neural measures. This article highlights the impact of internal consistency on between-groups effect sizes, and suggests reporting and using internal consistency to interpret and guide individual differences research that uses neuroscience measures.

## Other

- 811 E-Mail Notification of Your Latest Issue Online!  
iv Instructions to Authors
- 773 Members of Underrepresented Groups: Reviewers for Journal Manuscripts Wanted  
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