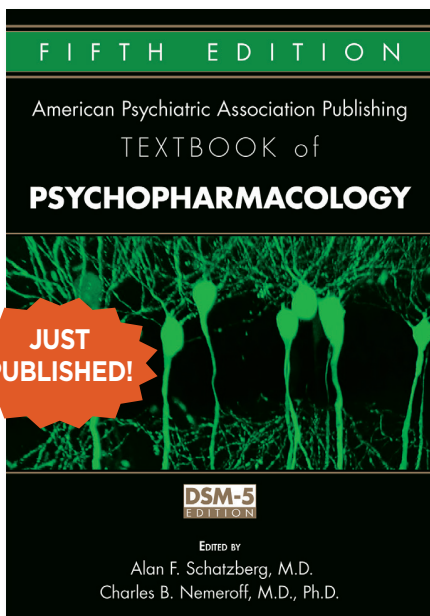


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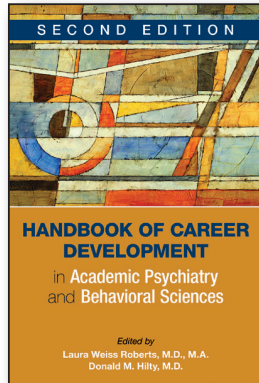
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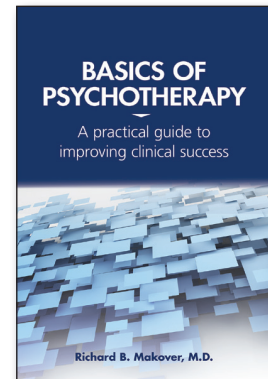
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827 Drug Treatments for ADHD Reduce Risk of Substance Use Disorders

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829 Why Are Innovative Drugs Failing in Phase III?

Stephen R. Marder, M.D., et al.

Large phase III trials with aggressive timelines often result in high rates of placebo response, obscuring the new drug's possible advantages. Possible remedies include independent patient selection, design changes to reduce placebo response, and closer study monitoring.

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833 Challenges in Treating Undocumented Immigrants

Neil Krishan Aggarwal, M.D., M.A. [CME](#) • [AUDIO](#)

Barriers to caring for unauthorized immigrants arise from clinicians' reactions as well as societal and patient factors. Culture and ethnicity trigger countertransference responses of overfriendliness, mistrust and hostility, or ambivalence.

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838 The Character Heads by Franz Messerschmidt: An Example of Art Therapy

Antonio Perciaccante, M.D., Alessia Coralli, B.S.N.

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840 The Long-Term Effects of Antipsychotic Medication on Clinical Course in Schizophrenia

Donald C. Goff, M.D., et al. [AUDIO](#) • [VIDEO](#)

Clinical Guidance: Antipsychotic drugs are beneficial in initial treatment of schizophrenia and in preventing relapse. There is little evidence that they worsen illness course or cause cognitive deficits. A few patients recover or remain stable without pharmacologic treatment, but currently there is no marker to identify them prospectively.

NEW RESEARCH

ARTICLES

850 Significant Locus and Metabolic Genetic Correlations Revealed in Genome-Wide Association Study of Anorexia Nervosa

Laramie Duncan, Ph.D., et al. EDITORIAL • AUDIO • VIDEO

Anorexia nervosa has a heritability estimate of 20% and has genetic correlations not only with psychiatric disorders but also with metabolic traits. Anorexia has a significant locus on chromosome 12 that was previously reported for type 1 diabetes and general autoimmune disorder.

859 Stability of and Factors Related to Medical Student Specialty Choice of Psychiatry

Matthew N. Goldenberg, M.D., M.Sc., et al. EDITORIAL • CME • AUDIO

An excellent psychiatry clerkship is the factor most likely to persuade medical students to specialize in psychiatry. Most students choosing psychiatry do so during medical school, and those who begin with this choice are likely to maintain it.

867 Defining the Neural Substrate of the Adult Outcome of Childhood ADHD: A Multimodal Neuroimaging Study of Response Inhibition

Eszter Szekely, Ph.D., et al. EDITORIAL

Adults with remitted childhood ADHD and adults with persistent ADHD both have right caudate anomalies during response inhibition. Differences between groups are present in cortical and cerebellar regions, with underactivation in adults with persistent ADHD but not those in remission.

877 ADHD Medication and Substance-Related Problems

Patrick D. Quinn, Ph.D., et al. EDITORIAL • CME • AUDIO

Clinical Guidance: Medication for attention deficit hyperactivity disorder (ADHD) lowers concurrent risk for substance-related problems. ADHD medication also lowers risk of future substance-related events for men and possibly for women.

886 Incomes and Outcomes: Social Security Disability Benefits in First-Episode Psychosis

Robert A. Rosenheck, M.D., et al. AUDIO

The RAISE 2-year multifaceted program for patients with first-episode psychosis did not reduce the likelihood of receiving Social Security disability benefits. Patients who got disability benefits had higher incomes and less frequent alcohol intoxication but fewer days of employment and poorer motivation.

895 A Brain Model of Disturbed Self-Appraisal in Depression

Christopher G. Davey, M.D., Ph.D., et al.

Disturbed self-appraisal in depression causes more negative modulation of connectivity between the medial prefrontal cortex and posterior cingulate cortex. This prefrontal "hyperregulation" is associated with poor concentration and inner tension.

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905 Association Between Low Barometric Pressure and Completed Suicides

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909 Continuing Medical Education

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A11 Subscription and Business Information

Cover: The number of medical students selecting psychiatry for their post-graduate training has varied over time. Goldenberg and colleagues (p. 859) used survey data from medical school graduating classes in 2013 and 2014 to identify factors associated with selecting psychiatry as a career. Images by Andrey Popov, ConstantinosZ, and Antonio Guillem, Shutterstock.com.

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(Abstracts are also available in Spanish)*

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AUDIO Highlighted in AJP Audio, a downloadable .mp3 file available at ajp.psychiatryonline.org

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VIDEO Highlighted online by Deputy Editor Daniel S. Pine, M.D.

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AJP in Advance

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Genetic Heterogeneity in Depressive Symptoms Following the Death of a Spouse: Polygenic Score Analysis of the U.S. Health and Retirement Study

Older adults' depressive symptom levels following death of a spouse were lower among those with higher scores for genetic influence on subjective well-being.

Premenstrual Dysphoric Disorder Symptoms Following Ovarian Suppression: Triggered by Change in Ovarian Steroid Levels But Not Continuous Stable Levels

Women whose PMDD symptoms improved during ovarian suppression with leuprolide, a GnRH agonist, had symptom increases when estradiol and progesterone were first reintroduced. Symptoms again improved when hormone levels stabilized.



AJP CME

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In AJP Audio this month, Deputy Editor Susan K. Schultz, M.D., discusses challenges in treating undocumented immigrants, long-term effects of antipsychotics in schizophrenia, whether substance use problems are associated with medications for ADHD, use of Social Security disability benefits by patients with first-episode psychosis receiving multifaceted specialty care, a large genome-wide association study of anorexia nervosa, and when and why medical students choose to specialize in psychiatry.

In this month's video, Deputy Editor Daniel S. Pine, M.D., discusses the articles "The Long-Term Effects of Antipsychotic Medication on Clinical Course in Schizophrenia" and "Significant Locus and Metabolic Genetic Correlations Revealed in Genome-Wide Association Study of Anorexia Nervosa."



History of Psychiatry

Revisit the field's rich history through the pages of AJP

75 years ago this month: "The Psychiatric Aspects of Marihuana Intoxication"

In the September 1942 issue, Drs. Samuel Allentuck and Karl M. Bowman, in a study of 77 volunteers, found "no evidence to suggest that the continued use of marihuana is a stepping-stone to the use of opiates . . . nor have we observed any permanent deleterious effects from its continued use. Quite the contrary, marihuana and its derivatives and allied synthetics have potentially valuable therapeutic applications which merit future investigation." A further Discussion by Dr. Lawrence Kolb offers some caveats, as well as additional historical-cultural context for today's reader.



APA Seeks Editor-in-Chief for The American Journal of Psychiatry

The American Psychiatric Association (APA) is seeking applicants for the position of Editor of its official journal, *The American Journal of Psychiatry*. The current Editor concludes his final term on December 31, 2018.

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