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**Calendar, American Journal of Psychiatry, 1000 Wilson Boulevard, Suite 1825, Arlington, VA 22209-3901, [swestrate@psych.org](mailto:swestrate@psych.org) (e-mail).**

Because of space limitations, only listings of meetings of the greatest interest to Journal readers may be included.

## SEPTEMBER

**September 10–12**, The International Marcé Society for Perinatal Mental Health Conference, Swansea, Wales. [www.swansea.ac.uk/marce/](http://www.swansea.ac.uk/marce/) (web site).

## OCTOBER

**October 11–12**, 15th Joint Meeting, American Academy of Psychoanalysis and Dynamic Psychiatry (AAPDP) with Organizzazione di Psicoanalisti Italiani Federazione e Registro (OPIFER), Pisa, Italy. Contact: [info@AAPDP.org](mailto:info@AAPDP.org) (e-mail), [www.AAPDP.org](http://www.AAPDP.org) (web site).

**October 16–18**, Third International Congress on Borderline Personality Disorder and Allied Disorders (Tailoring treatments to different developmental pathways and phenomenologies), European Society for the Study of Personality Disorders (ESSPD) with International Society for the Study of Personality Disorder (ISSPD), Rome, Italy. Contact: [borderline2014@cpo-hanser.de](mailto:borderline2014@cpo-hanser.de) (e-mail), [www.esspd.eu](http://www.esspd.eu) (web site), [www.borderline-congress.org](http://www.borderline-congress.org) (conference information).

**October 30–November 2**, 66th Institute on Psychiatric Services, San Francisco, CA. [www.psychiatry.org/ips](http://www.psychiatry.org/ips) (web site).

## FEBRUARY 2015

**February 16–19**, Update on Psychiatry: Continuing a Proud 23 Year Tradition. JW Marriott Starr Pass Resort, Tucson, Arizona. Sponsored by: Univ. of Arizona College of Medicine, Department of Psychiatry; Arizona Psychiatric Society; Arizona Psychological Association. Contact: [uapsycon@email.arizona.edu](mailto:uapsycon@email.arizona.edu) (e-mail); (520) 626-1392 (phone); [www.psychopharm.arizona.edu](http://www.psychopharm.arizona.edu) (web site).

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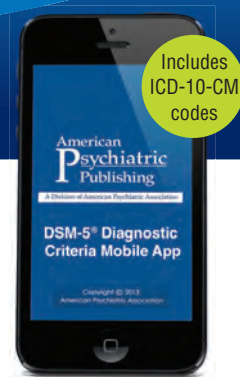
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# There's So Much More to AJP Than Meets the Page!

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## AJP in Advance

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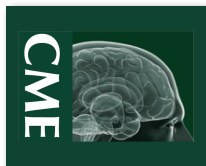
At **AJP in Advance**, you can discover the following before their appearance in print:

### Glutamate Metabolism in Major Depressive Disorder

Research on novel treatments for major depressive disorder focuses quite deeply on glutamate function, and this research would benefit from a brain-imaging technique that precisely quantified glutamate function. Abdallah and colleagues use novel, state-of-the-art techniques to address this issue. Their findings reveal signs of a specific form of glutamate-related dysfunction that could be targeted by novel therapies.

### Methylene Blue for Fear Extinction in Adults With Claustrophobia

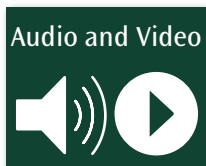
Administering methylene blue, a memory-enhancing agent, after successful exposure therapy promoted the retention of fear extinction in claustrophobic patients, but clinicians should carefully consider what level of fear reduction was achieved in session to avoid harmful effects.



## AJP CME

Three articles in this issue form the basis of a short course with questions that can be answered for up to 1 *AMA PRA Category 1 Credit™* each by visiting <http://psychiatryonline.org/cme.aspx> and clicking on the "American Journal of Psychiatry" tab.

CME credit is issued only online, and a paid subscription to AJP CME course program is required. This month's courses appear on pages 1019–1022.



Audio and Video

## Have You Heard?

With AJP Audio you can listen to highlights of this issue. This month, Deputy Editor Susan K. Schultz, M.D., discusses diagnostic and treatment aspects of the new diagnosis disruptive mood dysregulation disorder, predictors of long-term outcome in youths with bipolar disorder, reading ability in schizophrenia, the relation of mood-related impulsivity to aggression in schizophrenia, maternal levels of C-reactive protein and schizophrenia risk, and major depression in a woman in Uganda. Also, visit the online edition of this month's Journal and click "In This Issue" to view a video of Deputy Editor Daniel S. Pine, M.D., presenting highlights from the issue.



## Revisit the field's rich history!

### 25 years ago this month: Managed Health Care and the Massachusetts Experience

"Managed health care, through prepaid health delivery systems and utilization review organizations, is perhaps the greatest trend in modern health care. The authors examine the remarkable growth of managed care and outline its clinical, economic, ethical, and practical implications. They then review examples of how organized psychiatry has been involved in managed care and describe the efforts to date of the Massachusetts Psychiatric Society in this area. Managed care is here to stay. The future climate of psychiatric practice and the care available to psychiatric patients are dependent on informed and organized activities by psychiatrists and their local and national representatives."

# The *Residents'* JOURNAL

## THE AMERICAN JOURNAL OF **PSYCHIATRY** RESIDENTS' JOURNAL

July 2014

Volume 9

Issue 7

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### In This Issue



This issue of the *Residents' Journal* focuses on the theme of psychopharmacology and therapeutics. In a review article, Amritha Bhat, M.B.B.S., M.D., summarizes available data on the use of psychopharmacological treatment for bipolar disorder and other psychiatric disorders during pregnancy. Nilesh S. Tannu, M.D., M.S., discusses biomarkers in psychopharmacology and how they may impact patient care and the long-term goal of individualized medicine. Marsal Sanches, M.D., Ph.D., provides an overview of perspectives in the medication management of bipolar disorder. Leah C. Susser, M.D., examines the symptoms of serotonin reuptake inhibitor discontinuation. Mark A. Oldham, M.D., presents data on the use of chronotherapy for mood and neurocognitive disorders. Swapnil Gupta, M.B.B.S., M.D., provides a synopsis of the mechanisms of action, therapeutic efficacy, and practical considerations of N-acetylcysteine in psychiatric treatment. Last, Samuel T. Wilkinson, M.D., presents data on the unique legal status of marijuana for medical use, highlighting the indications as well as risks.

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## Cover picture

*Sea of Faces* (c.1935). Madge Gill (1882–1961). Coloured and black ink on paper.

Madge Gill, who spent her early days under the care of Dr Barnardos, lived in the East End of London. In her mid-30s, after losing her son and unborn daughter and suffering cancer of the eye, she had a mental breakdown. Following this, she suddenly began creating works of art, claiming she was guided by a spirit called 'Myrminerest'. She exhibited her work in the Whitechapel Gallery, which is just a short distance from the new London headquarters of the Royal College of Psychiatrists. She has subsequently been hailed as an 'outsider artist' and her work was recently the subject of a major retrospective at the Orleans House Gallery. According to the psychiatric notes during her admission to the Lady Chichester Hospital for Women and Children in Hove, she heard voices and saw visions. However, apart from this one admission, she lived the rest of her life outside psychiatric hospitals, and spent her time endlessly producing artworks and practising as a medium. Like other outsider artists, notably Adolf Wolfli, Gill's work consists of dense patterning which fills the whole picture, a characteristic called *horror vacui*, or fear of empty spaces.

## Allan Beveridge

Image courtesy of London Borough of Newham Heritage and Archives.

We are always looking for interesting and visually appealing images for the cover of the *Journal* and would welcome suggestions or pictures, which should be sent to Dr Allan Beveridge, British Journal of Psychiatry, 21 Prescot Street, London E1 8BB, UK or [bjp@rcpsych.ac.uk](mailto:bjp@rcpsych.ac.uk).



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#### Neuroimaging studies of depressive disorders in China since 2000

Yingying YIN, Yonggui YUAN

doi: <http://dx.doi.org/10.3969/j.issn.1002-0829.2014.03.002>

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#### Two-year prospective case-controlled study of a case management program for community-dwelling individuals with schizophrenia

Meijuan CHEN, Guojun WU, Zuwei WANG, Jun YAN, Jianfang ZHOU, Yan DING, Yaqin JIANG, Shunzeng RAO, Qing ZHOU, Hua NI, Jun ZHAO, Yanli SU, Jun HU, Yi ZHANG, Zhenghui YI, Weimin YANG, Lisheng SONG

doi: <http://dx.doi.org/10.3969/j.issn.1002-0829.2014.03.003>

#### Changes in behavior and in brain glucose metabolism in rats after nine weeks on a high fat diet: a randomized controlled trial

Hua HU, Yeqing XU, Chunfeng LIU, Heqing ZHAO, Hong ZHANG, Liwei WANG

doi: <http://dx.doi.org/10.3969/j.issn.1002-0829.2014.03.004>

#### Retrospective assessment of factors associated with readmission in a large psychiatric hospital in Guangzhou, China

Yanling ZHOU, Robert A. ROSENHECK, Somaia MOHAMED, Ni FAN, Yuping NING, Hongbo HE

doi: <http://dx.doi.org/10.3969/j.issn.1002-0829.2014.03.005>

#### Retrospective assessment of the prevalence of cardiovascular risk factors among homeless individuals with schizophrenia in Shanghai

Qing CHEN, Min WAN, Chunxia BAN, Yafang GAO

doi: <http://dx.doi.org/10.3969/j.issn.1002-0829.2014.03.006>

### RESEARCH CORNER

#### Use of diplotypes – matched haplotype pairs from homologous chromosomes – in gene-disease association studies

Lingjun ZUO, Kesheng WANG, Xingguang LUO

doi: <http://dx.doi.org/10.3969/j.issn.1002-0829.2014.03.009>

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#### Opportunities and challenges for promoting psychotherapy in contemporary China

Xudong ZHAO

doi: <http://dx.doi.org/10.3969/j.issn.1002-0829.2014.03.007>

### CASE REPORT

#### Case report of comorbid alcohol-induced psychotic disorder and Madelung's Disease

Zhenxiao SUN, Huanjun LI

doi: <http://dx.doi.org/10.3969/j.issn.1002-0829.2014.03.008>

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#### Item response theory for measurement validity

Frances M. YANG, Solon T. KAO

doi: <http://dx.doi.org/10.3969/j.issn.1002-0829.2014.03.010>