

105<sup>th</sup> Annual Meeting of the  
American Psychopathological Association

*March 5-7, 2015 Crowne Plaza Times Square Manhattan*

**Exploring the Outer Boundaries of Psychopathology**



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**APPA**

AMERICAN PSYCHOPATHOLOGICAL ASSOCIATION, INC.

1910–2015



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Jules Angst, MD  
*University of Zurich, Zurich, Switzerland*

Ted Cicero, PhD  
*Washington University School of Medicine*

Sean Clouston, PhD  
*State University of New York at Stony Brook*

Wilson M. Compton, MD, MPE  
*National Institute on Drug Abuse*

Jane Costello, PhD  
*Duke University Medical Center*

Leslie Davidson, MD, MSc  
*Columbia University*

Jack Drescher, MD  
*New York Medical College  
New York University*

Rex Jung, PhD  
*University of New Mexico*

Collins Lewis, MD  
*Washington University School of Medicine*

Rolf Loeber, PhD  
*University of Pittsburgh*

Robert King, MD  
*Yale School of Medicine*

Richard McNally, PhD  
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Kathleen Merikangas, PhD  
*National Institute of Mental Health*

Eric Nestler, MD, PhD  
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Carol S. North, MD, MPE  
*The University of Texas Southwestern Medical Center*

Sir Richard Peto, PhD  
*University of Oxford*

David Pollio, PhD  
*University of Alabama at Birmingham*

Thomas G. Schulze, MD  
*Institute of Psychiatric Phenomics and Genomics (IPPG)  
Ludwig-Maximilians-University Munich, Germany*

Larry J. Seidman, PhD  
*Harvard Medical School*

Rebecca P. Smith, MD  
*Mt. Sinai School of Medicine*

Peter Szatmari, MD  
*University of Toronto*

Jadon Webb, MD, PhD  
*Yale School of Medicine*

Allan Young, PhD  
*McGill University*

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Joshua Breslau, PhD, ScD  
*RAND Corporation*

Linda Cottler, PhD, MPH  
*University of Florida*

Francine Cournos, MD  
*Columbia University*

Carol Tamminga, MD  
*The University of Texas Southwestern Medical Center*

Cathy Spatz Widom, PhD  
*John Jay College, City University of New York*

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*The University of Texas Southwestern Medical Center*  
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Jo-Ann L. Donatelli, PhD  
*Brown University*  
*Coordinator*

## SCIENTIFIC PROGRAM

### Exploring the Outer Boundaries of Psychopathology

For more than a century, the American Psychopathological Association (APPA) has convened annually to deliberate on the latest developments in scientific research on psychopathology and its biological and psychosocial substrates. William James, who originally envisioned the formation of this society, actively sought to encourage the investigation of the “great gap” between “normal psychology” and “full-blown insanity.” In the intervening years over the last century, developments in basic and clinical research have substantially advanced the scientific understanding of psychiatric illness. Exploration of the great borderland between normality and psychopathology, however, lags in its progress. Historically, the mental health field has encountered difficulties and controversies in efforts to differentiate elements of normal human experience from psychopathology. Even today, the collections of symptoms that patients present to clinicians do not always coalesce into clearly recognizable disorders or syndromes. Differentiation of normal or normative experience from psychopathology is needed not only to direct clinicians to the most appropriate and effective interventions, but also to provide optimal guidance for research into the biological substrates of psychological processes and psychopathological states. The agenda of the 2015 APPA meeting—informed by the perspectives of leading experts in psychiatric nosology, epidemiology, and clinical and basic science—will dive headlong into the uncharted boundary waters between normality and psychopathology.

*Carol S. North, MD, MPE, APPA President 2015*

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	<b>THURSDAY, 5 MARCH</b>
8:15 – 9:00 AM	<b>REGISTRATION AND CONTINENTAL BREAKFAST</b>
9:00 – 9:10 AM	<b>WELCOMING REMARKS</b> Carol S. North, MD, MPE, APPA President, <i>The University of Texas Southwestern Medical Center</i>
	<b>SESSION I CROSSING THE BOUNDARIES INTO MOOD DISORDERS AND PSYCHOSIS</b> Chair: Carol Tamminga, MD, <i>The University of Texas Southwestern Medical Center</i>
9:10 – 9:40 AM	<b>Transition into psychosis</b> Larry J. Seidman, PhD, <i>Harvard Medical School</i>
9:40 – 10:10 AM	<b>Exploring the boundaries of psychopathology and normal behavior through genomics</b> Thomas G. Schulze, MD, <i>Institute of Psychiatric Phenomics and Genomics (IPPG), Ludwig-Maximilians-University Munich, Germany</i>
10:10 – 10:40 AM	<b>Rodent models of social defeat: relevance for depression and resilience</b> Eric Nestler, MD, PhD, <i>Icahn School of Medicine at Mount Sinai</i>
10:40 – 10:55 AM	<b>BREAK</b>

- 10:55 – 11:25 AM **White matter integrity, creativity, and psychopathology: disentangling constructs with diffusion tensor imaging**  
Rex Jung, PhD, *University of New Mexico*
- 11:25 – 11:30 AM **PRESENTATION OF HOCH AWARD TO** Kathleen Merikangas, PhD,  
*National Institute of Mental Health*
- 11:30 AM – 12:00 PM **Identifying thresholds for psychopathology: evidence from general population and family studies**  
Kathleen Merikangas, PhD, *National Institute of Mental Health*
- 12:00 – 12:05 PM **PRESENTATION OF ZUBIN AWARD TO** Jules Angst, MD,  
*University of Zurich*
- 12:05 – 12:35 PM **Mood, temperament, and mood disorders: can we differentiate?**  
Jules Angst, MD, *University of Zurich*
- 12:35 – 1:05 PM **Discussion**
- 1:05 – 2:30 PM **LUNCH**
- SESSION II NORMAL AND ABNORMAL RESPONSES TO STRESS AND TRAUMA**  
Chair: Joshua Breslau, PhD, *RAND Corporation*
- 2:30 – 2:35 PM **PRESENTATION OF HAMILTON AWARD TO** Carol S. North, MD, MPE,  
*The University of Texas Southwestern Medical Center*
- 2:35 – 3:05 PM **Nosology of posttraumatic psychopathology: implications for boundaries of psychopathology**  
Carol S. North, MD, MPE, *The University of Texas Southwestern Medical Center*
- 3:05 – 3:35 PM **PTSD: shifts in boundaries and clinical conceptualization through history**  
Allan Young, PhD, *McGill University*
- 3:35 – 3:40 PM **PRESENTATION OF PRESIDENT’S SERVICE AWARD TO** David Dunner, MD,  
*Center for Anxiety and Depression, Mercer Island, WA*
- 3:40 – 3:55 PM **BREAK**
- 3:55 – 4:15 PM **Empirical findings from disaster research**  
Rebecca P. Smith, MD, *Mt. Sinai School of Medicine*
- 4:15 – 4:45 PM **Clarifying the boundary between distress and disorder in PTSD: can network analysis help?**  
Richard McNally, PhD, *Harvard University*

- 4:45 – 5:15 PM **Discussion**
- 5:30 – 7:00 PM **POSTER SESSION (SPONSORED BY JANSSEN RESEARCH & DEVELOPMENT, LLC)**
- FRIDAY, 6 MARCH**
- 8:00 – 8:50 AM **ROUND TABLE DISCUSSION: Early career and new investigators, led by Linda B. Cottler, PhD, MPH, *University of Florida* and Monica Uddin, PhD, *University of Illinois-Urbana Champaign***
- 8:30 – 9:00 AM **REGISTRATION AND CONTINENTAL BREAKFAST**
- SESSION III DEVELOPMENTAL AND AGE-RELATED FUNCTIONING AND PSYCHOPATHOLOGY**  
Chair: Francine Cournos, MD  
*Columbia University*
- 9:00 – 9:30 AM **Optimal developmental outcomes**  
Jane Costello, PhD, *Duke University Medical Center*
- 9:30 – 10:00 AM **The broader phenotype and infant siblings in autism spectrum disorder**  
Peter Szatmari, MD, *University of Toronto*
- 10:00 – 10:30 AM **Tic disorders and OCD**  
Robert King, MD, *Yale School of Medicine*
- 10:30 – 10:45 AM **BREAK**
- 10:45 – 11:15 AM **Risk factor patterns for homicide and violence in young populations**  
Rolf Loeber, PhD, *University of Pittsburgh*
- 11:15 – 11:45 PM **Determinants of cognitive aging and pathology**  
Sean Clouston, PhD, *State University of New York at Stony Brook*
- 11:45 AM – 12:15 PM **Discussion**
- 12:15 – 1:00 PM **APPA ANNUAL BUSINESS MEETING (MEMBERS ONLY)**
- 1:00 – 2:30 PM **LUNCH**
- Session IV SOCIAL AND CULTURAL CONSTRUCTIONS OF PSYCHOPATHOLOGY**  
Chair: Cathy Spatz Widom, PhD, *John Jay College, City University of New York*
- 2:30 – 3:00 PM **The social construction of psychopathology**  
David Pollio, PhD, *University of Alabama at Birmingham*

3:00 – 3:30 PM	<b>The cultural construction of psychopathology: caregivers in South Africa</b> Leslie Davidson, MD, MSc, <i>Columbia University</i>
3:30 – 3:45 PM	<b>BREAK</b>
3:45 – 4:15 PM	<b>Out of DSM: depathologizing homosexuality</b> Jack Drescher, MD, <i>New York Medical College; New York University</i>
4:15 – 4:45 PM	<b>Smoking: peace pipe to mass murder</b> Sir Richard Peto, PhD, <i>University of Oxford</i>
4:45 – 5:15 PM	<b>General Discussion</b>
	<b>SATURDAY, 7 MARCH</b>
8:30 – 9:00 AM	<b>REGISTRATION AND CONTINENTAL BREAKFAST</b>
9:00 – 9:05 AM	<b>PRESENTATION OF ROBINS/GUZE AWARD</b> to Armin Raznahan, MD, PhD, <i>National Institute of Mental Health</i>
9:05 – 9:15 AM	<b>Developmental neuroimaging and the establishment of diagnostic validity in psychiatry</b> Armin Raznahan, MD, PhD, <i>National Institute of Mental Health</i>
	<b>SESSION V SUBSTANCE USE AND ADDICTIONS</b> Chair: Linda Cottler, PhD, MPH, <i>University of Florida</i>
9:15 – 9:45 AM	<b>Alcohol-related mortality surrounding the collapse of the Soviet Union</b> Sir Richard Peto, PhD, <i>University of Oxford</i>
9:45 – 10:15 AM	<b>Prescription/opiate use and heroin</b> Ted Cicero, PhD, <i>Washington University School of Medicine</i>
10:15 – 10:35 AM	<b>American Prohibition and its assumptions</b> Collins Lewis, MD, <i>Washington University School of Medicine</i>
10:35 – 10:50 AM	<b>BREAK</b>
10:50 – 11:10 AM	<b>Stimulant use in medical students</b> Jadon Webb, MD, PhD, <i>Yale School of Medicine</i>
11:10 – 11:40 AM	<b>Marijuana: implications of legalization and psychopathology</b> Wilson M. Compton, MD, MPE, <i>National Institute on Drug Abuse</i>
11:40 AM – 12:10 PM	<b>Discussion</b>
12:10 PM	<b>ADJOURN</b>



## **PRESIDENTS OF APPA**

1910-11 Morton Prince	1960 David Wechsler	1995 Leonard Heston
1912 Adolf Meyer	1961 William Horsely Gantt	1996 David Janowsky
1913 James T. Putnam	1962 Laretta Bender	1997 Ellen Frank
1914-15 Alfred R. Allen	1963 D. Ewen Cameron	1998 Judith Rapoport
1916-17 Adolf Meyer	1964 Jerome D. Frank	1999 Myrna M. Weissman
1918 Smith Ely Jelliffe	1965 Franz J. Kallmann	2000 John E. Helzer
1921 William A. White	1966 Seymour S. Kety	2001 Nina Schooler
1922 John T. MacCurdy	1967 Bernard C. Glueck, Jr.	2002 Jack Gorman
1923-24 L. Pierce Clark	1968 Benjamin Pasamanick	2003 Charles Zorumski
1925 Albert M. Barrett	1969 Joel Elkes	2004 William W. Eaton
1927 Sanger Brown II	1970 Fritz A. Freyhan	2005 Ming Tsuang
1928-29 Ross McChapman	1971 Milton Greenblatt	2006 J. Raymond DePaulo, Jr.
1930-31 William Healy	1972 Alfred Freedman	2007 James J. Hudziak
1932 J. Ramsey Hunt	1973 Henry Brill	2008 Patrick E. Shrout
1933-34 Edward J. Kempf	1974 Max Fink	2009 Darrel A. Regier
1935-37 Nolan D.C. Lewis	1975 Charles Shagass	2010 Linda B. Cottler
1938 Samuel W. Hamilton	1976 Arnold J. Friedhoff	2011 Cathy Spatz Widom
1939 Abraham Myerson	1977 George Winokur	2012 Ezra Susser
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1941-42 Roscoe W. Hall	1979 Jonathan O. Cole	2014 Jeffrey A. Lieberman
1943-44 Frederick L. Wells	1980 Donald F. Klein	2015 Carol S. North
1945 Bernard Glueck	1981 Paula J. Clayton	2016 Thomas Schulze
1946 Robert P. Knight	1982 Samuel B. Guze	
1947 Frederick L. Wells	1983 Robert L. Spitzer	
1948 Donald J. MacPherson	1984 Murray Alpert	
1949 Paul Hoch	1985 James E. Barrett	
1950 William B. Terhune	1986 Robert M. Rose	
1951 Lauren H. Smith	1987 David L. Dunner	
1952 Joseph Zubin	1988 Lee N. Robins	
1953 Clarence R. Oberndorf	1989 Bernard J. Carroll	
1954-55 David McK. Rioch	1990 Nancy C. Andreasen	
1956 Oaskar Diethelm	1991 Katherine A. Halmi	
1957 Howard S. Liddell	1992 Elliot S. Gershon	
1958 Leslie B. Hohman	1993 C. Robert Cloninger	
1959 Harry C. Solomon	1994 Bruce P. Dohrenwend	

## AWARDS

The APPA has four awards named for individuals who have made important contributions to the science of psychopathology. They are the Joseph Zubin Award, the Paul Hoch Award, the Eli Robins, Samuel Guze Award, and the Samuel W. Hamilton Award. For Hamilton awardees, please see the listing of the Presidents of the APPA on the opposite page. Descriptions of these awards are on our website at: [www.appassn.org/awards.htm](http://www.appassn.org/awards.htm).

### PREVIOUS AWARD WINNERS SINCE 1990

Year	Hoch Award	Zubin Award	Robins/Guze Award
1990	Arvid Carlsson		
1991	Gerald Russell		
1992	Robert C. Elston	George Winokur	
1993	Lindon Eaves	Albert Ellis	
1994	George Brown	Alexander H. Leighton	
1995	Stanley Prusiner	Paul R. McHugh	
1996	Lester Luborsky	Myrna M. Weissman & Gerald L. Klerman	
1997	Ronald C. Kessler	Heinz Hafner	
1998	Robin M. Murray	Barton Childs	
1999	John Rush	David J. Kupfer and Ellen Frank	
2000	Ming T. Tsuang	Samuel B. Guze	
2001	Gerard Hogarty	Robert Spitzer	Frederick Cassidy
2002	Joseph E. LeDoux	Bruce S. McEwen	Renee Cunningham Williams
2003	Eric R. Kandel	John W. Olney	James Potash
2004	George S. Alexopoulos	Simon Wessely	David D. Rettew
2005	Jane M. Murphy	Nikki Erlenmeyer-Kimling	Karestan Koenen
2006	Paul McHugh	David Botstein	Thomas Schulze
2007	Sir Michael Rutter	John E. Helzer	Todd Lencz
2008	James M. Robins	Bruce P. Dohrenwend	Catherine W. Striley
2009	Norman Sartorius	David Shaffer	Zubin Bhagwager
2010	Wilson M. Compton	Ezra Susser	Valerie Harder
2011	Naomi Breslau	Patricia Cohen	Magdalena Cerdá
2012	Myron Hofer	Zena Stein	Monica Uddin
2013	Maria Kovacs	Gabrielle A. Carlson	James Kirkbride
2014	John H. Krystal	Irving I. Gottesman	Carolyn Rodríguez
2015	Kathleen Merikangas	Jules Angst	Armin Raznahan



*APPA is extremely grateful to the following generous sponsors:*

o Janssen Research & Development, LLC , sponsor of the Thursday evening poster session, trainee poster presenters and Thursday afternoon coffee break.



o Stephen L. Buka, ScD; Linda Cottler, PhD; Kathleen Merikangas, PhD; and Thomas Schulze, MD , sponsors of the Presidential Reception.

*The American Psychopathological Association thanks its member donors for their generous contributions:*

Gabrielle Carlson, MD, *Stony Brook University*

Linda Cottler, PhD, *University of Florida*

John de Figueiredo, MD, *Yale University School of Medicine*

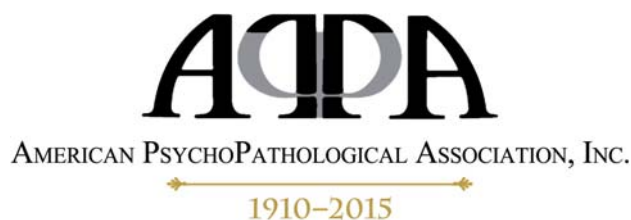
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Carol S. North, MD, *The University of Texas Southwestern Medical Center*

Darrel Regier, MD, *American Psychiatric Association*

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AMERICAN PSYCHOPATHOLOGICAL ASSOCIATION, INC.

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## Exploring the Outer Boundaries of Psychopathology

Poster Session

Thursday, March 5, 2015

<b>AUTHORS</b>	<b>TITLE</b>	<b>LOCATION (Number)</b>
Beasley C, Kurland A, Wilson HW	Is gang involvement associated with psychopathology among girls exposed to violence?	21
Beesdo-Baum K, Große J, Lieb R, Wittchen HU	The natural course of unipolar depression in a general population cohort of adolescents and young adults	31
Brown C, Gau S, Cui L, Merikangas KR	Specificity of familial aggregation and cross- transmission of ADHD and mood disorder subtypes in a community-based sample	32
Carliner H, Masyn KE, Winning A, Williams DR, Gilman SE	A latent class analysis of exposure to childhood adversities and associations with psychiatric disorders in early adulthood	7
Cassis T, LeBaron ND, Silverstone-Simard I, Iskric A, Kraus G, Yung E, Low NC	Clinical correlates of migraine in mood disorders	33
Dahl SK, Larsen JT, Petersen L, Musliner KL, Ubbesen MB, Munk-Olsen T	The influence of adverse early life events on risk of unipolar depression in adolescence and adulthood	9
Danzig AP, Klein, DN, Bufferd SJ, Dougherty LR, Carlson GA	What's irritability got to do with it?	24

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AUTHORS	TITLE	LOCATION (Number)
Dudas M, Feder A, Schechter CB, Southwick SM, Pietrzak RH	Diagnostic utility of the PTSD Checklist in police and non-traditional responders involved in the World Trade Center rescue and recovery effort	10
Dunne EM, Whitehead NE, Cook RL	Risky health behaviors associated with prescription drug misuse in persons living with HIV	30
Eun J, Paksarian D, Merikangas KR, Cui L, Hengartner M, Ajdacic-Gross V, Rössler W, Angst J	The epidemiology of common mental disorders from age 20 to 50: Results from the prospective Zurich Cohort Study	34
Fairman BJ, Anthony JC	Marijuana smoking and depression-related functional impairment among recently-active depressed cases	29
Feng H, Pietrzak RH, Schechter CB, Rodriguez J, Southwick SM, Feder A	Lifetime traumas and PTSD severity in World Trade Center rescue and recovery workers	11
Geiger M, Fitzmaurice G, Perlis R, Gilman S	Hypomania without depression: Psychiatric and psychosocial outcomes	35
Georgiades K, Rudolph K, Kyu H, He J, Burstein M, Merikangas KR	Variation in lifetime prevalence of psychiatric disorders and service utilization among adolescents from immigrant and racial-ethnic backgrounds	17
Glaus J, Vandeleur CL, Lasserre AM, Strippoli MPF, Castelao E, Gholam- Rezaee M, Merikangas KR, Waeber G, Aubry	Aspirin and statin use and the subsequent development of depression in men and women: Results from a longitudinal population-based study	36

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JM, Vollenweider P,  
Preisig M

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<b>AUTHORS</b>	<b>TITLE</b>	<b>LOCATION (Number)</b>
Greene E, Frye V, Ompad D, Cerda M, Tieu HV, Hoover D, Koblin B	Discrimination, psychosocial vulnerability, and sexual risk behaviors among men who have sex with men and women living in New York City: Results from NYCM2M	19
Herrell RK, Adler A, Fear NT, Greenberg N	Calibrating the Audit-C for use in survey research of the active military	22
Huang, Kenneth, Cassis, T, Luxenberg E, LeBaron ND, Kraus G, Low NCP	Childhood adversity linked to insecure attachment within a mood disorder population	8
Iskric A, Cassis T, LeBaron ND, Low NCP	Impulsivity in Bipolar Disorder types I, II and Major Depressive Disorder	37
Kelly K, Mezuk B	Factors associated with remission in Generalized Anxiety Disorder and Major Depressive Disorder	38
Kopala-Sibley DC, Kotov R, Klein DN	Personality diathesis and Hurricane Sandy: Effects on post-disaster depression	1
Lameira D, Cui L, Merikangas KR	The familial aggregation of positive and negative affectivity and the mood disorder spectrum	39
LeBaron ND, Cassis T, Silverstone I, Kraus G, Iskric A, Yung E, Low NC	Comorbidity of eating disorders in individuals with mood disorders and migraines	40
Mattos PM, Pedrini JA, Fiks JP, Feijó de Mello M	Peritraumatic dissociation beyond the symptoms: The disintegration of the experience of being/existing	2

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<b>AUTHORS</b>	<b>TITLE</b>	<b>LOCATION (Number)</b>
Merikangas AK, Segurado R, Kelleher Eric, Hogan D, Delaney C, Gill M, Gallagher L, Corvin AP, Heron EA	Parental age, birth order, and neurodevelopmental disorders	23
Meyers JL, Lowe SR, Eaton NR, Krueger R, Grant BF, Hasin D	Childhood maltreatment, 9/11 exposure, and latent dimensions of psychopathology: A test of stress sensitization	3
Musliner KL, Munk- Olsen T, Laurson TM, Zandi PP, Eaton WW, Mortensen PB	Patterns and predictors of 10-year course trajectories of major depressive disorder in the Danish psychiatric register	41
Okafor C, Cook RL	Comparing sex-related expectancies for alcohol and marijuana among youth aged 15 – 24	25
Ortiz D, Vasquez I, St. Loius M, Atanga R, Dunne EM, Latimer WW	Racial differences in cigarette smoking status and willingness to participate in substance use treatment	16
Paksarian D, Merikangas KR, Calkin sME, Gur RE	Racial-ethnic disparities in specificity and overlap of subclinical psychosis and mania symptoms in a U.S. sample of youth	15
Pflum MJ, Gooding DC, Siggelkow C	Social anhedonia as a risk factor for schizophrenia-spectrum personality disorders: Further empirical evidence	18
Platt J, Lowe S, Galea S, Koenen K	A longitudinal study of the bidirectional relationship between social support and posttraumatic stress symptoms following a natural disaster	5



<b>AUTHORS</b>	<b>TITLE</b>	<b>LOCATION (Number)</b>
Pratt LA	Characteristics and 20-year mortality of users and abusers of prescription drugs	28
Roaten K, Khan F, North C	Suicide risk screening in the psychiatric emergency department	42
Salim R, Feder A, Schechter CB, Cancelmo LM, Mota N, Southwick NM, Pietrzak RH	Transdiagnostic dimensional structure of posttraumatic stress and major depressive symptoms in World Trade Center responders	6
Sheppard B, Lateef T, He JP, Fallin MD, Merikangas KR	Early life risk factors and adolescent comorbidity among youth with autism spectrum disorder and learning disability from the NCS-A	12
Smith B, Cui L, Shou H, Lameira D, Zipunnikov V, Crainiceanu C, Merikangas KR	Methodologic issues in objective assessment of activity in community samples	27
Stapp EK, Tamar Mendelson T, Wilcox HC	Characterizing family environment and offspring psychiatric outcomes in families with versus without bipolar parents: A systematic review	13
Trujillo MR, Karunan M, Song Y, Ehrensaft M	Family therapy for Latino children with behavioral disorders: A literature review	14
Tsutsui Y, Takaya R, Tominaga, M, Ujiie, T	Psychological impacts associated with the Fukushima Nuclear Disaster: Stress among mothers and children living in low-exposure regions	4

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<b>AUTHORS</b>	<b>TITLE</b>	<b>LOCATION (Number)</b>
Vadhan NP, Constantino E, Perlman G, Kotov R, Bromet EJ	Contributions of alcohol use disorders to the 10- year course of psychosis following first hospitalization	26
Vasquez I, Atanga R, St. Loius M, Ortiz D, Dunne WM, Latimer WW	Effect of race on comorbid cigarette and marijuana use among young adult drug users	20
Wesselhoeft R, Heiervang ER, Kragh- Sørensen P, Sørensen MJ, Bilenberg N	Major depressive disorder and subthreshold depression in pre-pubertal children from the Danish National Birth Cohort	43

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