

## **JACOB MOUSSAI, M.D.**

420 S. Beverly Drive, Suite 100  
Beverly Hills, CA 90212  
310 – 775 - 1866 (office)  
310 – 444 - 9306 (fax)  
Email: [info@drmoussai.com](mailto:info@drmoussai.com)  
[www.drmoussai.com](http://www.drmoussai.com)

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### **Employment:**

- Jacob Moussai MD INC (December 2008 – Present)  
Outpatient Psychiatry, Psychopharmacology, and Psychotherapy  
Expertise in ADHD, Bipolar/Depression, and anxiety spectrum disorders
- Elevance Health (Carelon) formerly known as Anthem Blue Cross (December 2017 – April 2023)  
West Region Behavioral Health Medical Director  
Utilization Management and consultant on eating disorders and substance use disorders
- Psychiatry Qualified Medical Evaluator (January 2011 – Present)  
State of California, Division of Workers Compensation
- Staff Psychiatrist (March 2016 – May 2019)  
USC Engemann Student Counseling Services
- Staff Psychiatrist (July 2008 – April 2016)  
VA Greater Los Angeles Healthcare System  
Medical Director, Veteran Transition Clinic (Post Deployment Clinic)  
Emergency Room Psychiatric Consultant, Primary Care Psychiatrist
- Dane Street, LLC (January 2014 – January 2015)  
Peer reviewer / utilization review
- West Haven VA Medical Center – West Haven, CT (July 2007 - June 2008)  
Emergency Room psychiatric coverage on evenings and weekends
- Hall-Brooke Behavioral Health – Westport, CT (July 2006 - June 2008)  
Inpatient psychiatric coverage on weekends for adult inpatient, child and adolescent, and substance abuse units
- Silver Hill Hospital– New Canaan, CT (July 2006 - June 2008)  
Inpatient psychiatric coverage on weekends for adult inpatient and substance abuse units including detoxification and Suboxone opioid withdrawal treatment
- Hospital of Saint Raphael – New Haven, CT (July 2006 - June 2008)  
Emergency Room psychiatric coverage for primarily children and adolescents
- Aurora Behavioral Health – San Diego, CA (July 2005 - June 2006)  
Inpatient psychiatric coverage for adult inpatient, child and adolescent, and substance abuse units
- Alvarado Parkway Institute – San Diego, CA (July 2005 - June 2006)

Inpatient psychiatric coverage for adult inpatient and substance abuse units

**Board Certification:**

- American Board of Psychiatry and Neurology (2009 – Present)

**Faculty Appointment:**

- Assistant Clinical Professor (December 2016 – May 2019)  
Keck USC School of Medicine  
Department of Psychiatry
- Health Sciences Associate Clinical Professor (April 2014 – June 2016)  
David Geffen UCLA School of Medicine  
Department of Psychiatry and Biobehavioral Sciences
- Health Sciences Assistant Clinical Professor (July 2008 – April 2014)  
David Geffen UCLA School of Medicine  
Department of Psychiatry and Biobehavioral Sciences

**Education:**

- Yale University, School of Medicine (July 2006 - June 2008)  
New Haven, CT  
*Residency: Psychiatry (Completion in 06/2008)*
- UCSD, School of Medicine (June 2003 – July 2006)  
San Diego, CA  
*Residency: Psychiatry (Transferred to Yale)*
- UC Davis, School of Medicine (June 1999 – June 2003)  
Davis, CA  
*Medical School (M.D. degree 06/2003)*
- UCLA (September 1993 – June 1997)  
Los Angeles, CA  
*Undergraduate Neuroscience Summa Cum Laude (B.S. degree 09/97)*

**Honors and Awards:**

- Certificate of Excellence for outstanding work in the emergency room as a consultant – presented by the VA Director (2012).
- Recipient of Certificate of Appreciation by director of West Los Angeles VA Healthcare System for acting as the chair on a root cause analysis study (2010-2011).

**Research:**

- UCLA/VA Neurobehavior Clinic (January 2011 – 2016)  
Virtual Reality Iraq – physiological response to simulated trauma exposure  
*Sub-Investigator, pilot study and literature review*

- VA Medical Center - Department of Psychiatry (July 2006 – June 2008)  
*Sub-Investigator, pilot studies and literature review*
- UCSD Department of Psychiatry (March 2006 – June 2006)  
*Independent research, literature review*
- UCSD Medical Center - Neuropsychiatry Unit (June 2004 – June 2006)  
*Sub-Investigator, clinical trials*
- UCLA School of Medicine - Laboratory of Neuro Imaging (June 1994 – June 1999)  
*Student research volunteer, independent research, research assistant*

#### **News/Media:**

- Featured on “GLA Today” VA’s quarterly magazine for establishing the Post Deployment Clinic
- Featured on the front cover of GLA VA’s 2012 Annual Report
- Featured on the national VA video on Mental Health clinics including the Post Deployment Clinic
- Appeared on Fox News in 2012 on a news report about returning combat veterans and VA’s response – featured the Post Deployment Clinic
- Speaker at the 2021 Anthem Blue Cross Webinar: The Science of Mood, Anxiety and Motivation
- Speaker at the 2021 LA Sparks Webinar: Healthy Mind, Healthy Body

#### **Publications:**

1. Mega MS, Dinov ID, Mazziotta JC, Manese M, Thompson PM, Lindshield C, Moussai J, Tran N, Olsen K, Zoumalan CI, Woods RP, Toga AW: Automated brain tissue assessment in the elderly and demented population: construction and validation of a sub-volume probabilistic brain atlas. *Neuroimage*. 2005 Jul 15;26(4):1009-18.
2. Narr KL, Thompson PM, Sharma T, Moussai J, Blanton R, Anvar B, Edris A, Krupp R, Rayman J, Khaledy M, Toga AW: Three-dimensional mapping of temporo-limbic regions and the lateral ventricles in schizophrenia: gender effects. *Biol Psychiatry*. 2001 Jul 15;50(2):84-97.
3. Narr K, Thompson P, Sharma T, Moussai J, Zoumalan C, Rayman J, Toga A: Three dimensional mapping of gyral shape and cortical surface asymmetries in schizophrenia: gender effects. *Am J Psychiatry*. 2001 Feb;158(2):244-55.
4. Thompson PM, Mega MS, Woods RP, Zoumalan CI, Lindshield CJ, Blanton RE, Moussai J, Holmes CJ, Cummings JL, Toga AW: Cortical change in Alzheimer’s disease detected with a disease-specific population-based brain atlas. *Cereb Cortex*. 2001 Jan;11(1):1-16.
5. Narr KL, Thompson PM, Sharma T, Moussai J, Cannestra AF, Toga AW: Mapping orphology of the corpus callosum in schizophrenia. *Cereb Cortex*. 2000 Jan;10(1):40
6. Thompson PM, Moussai J, Zohoori S, Goldkorn A, Khan AA, Mega MS, Small GW, Cummings JL, Toga AW: Cortical variability and asymmetry in normal aging and Alzheimer’s disease. *Cereb Cortex*. 1998 Sep;8(6):492-509.
7. Mega MS, Thompson PM, Cummings JL, Back CL, Xu ML, Zohoori S, Goldkorn A, Moussai J, Fairbanks L, Small GW, Toga AW: Sulcal variability in the Alzheimer’s brain: correlations with cognition. *Neurology*. 1998 Jan;50(1):145-51.
8. Mega, M.S., Thompson, P.M., Mazziotta, J.C., Moussai, J., Xu, L.Q., Toga, A.W: The Specific Pattern of Sulcal Deformation in the Alzheimer’s Brain: Implications for Functional Imaging in Aging and Dementia, *Brain*, [submitted].

#### **Abstracts:**

1. Thompson, P.M., Mega, M.S., Moussai, J., Zohoori, S., Xu, L.Q., Goldkorn, A., Khan A.A., Coryell, J., Small, G., Cummings, J. and Toga, A.W: 3D Probabilistic Atlas and Average Surface Representation of the Alzheimer's Brain, with Local Variability and Probability Maps of Ventricles and Deep Cortex, Proc. of the Society for Neuroscience, Washington, DC, USA, 26(2):1105, (438.2), November 1996.
2. Thompson, P.M., Mega, M.S., Blanton, R.E., Moussai, J., Khan, A.A., Zohoori, S., Mogy, J., Aron, J., Goldkorn, A., Holmes, C.J., Small, G.W., Cummings, J.L., MacDonald, D., Evans, A.C., Collins, R.C., Toga, A.W: A Detection System for Mapping Abnormal Structure, Anatomic Variability, and Brain Asymmetry in Alzheimer's Disease and Aging, with 3D Deformable Probabilistic Brain Atlases, Proc. Annual Symposium of the Society for Neuroscience, New Orleans, Louisiana, USA, 27(2):2173, October 1997.
3. Thompson, P.M., Mega, M.S., Blanton, R.E., Moussai, J., Khan, A.A., Zohoori, S., Goldkorn, A., Holmes, C.J., MacDonald, D., Small, G.W., Cummings, J.L., Toga, A.W: 3-Dimensional Patterns of Abnormal Brain Structure, Anatomic Variation & Asymmetry in Alzheimer's Disease, Annual Conference of the American Neuropsychiatric Association (ANPA), Feb. 1-3 1998, Honolulu, Hawaii, Feb. 1998.
4. Moussai, J., Anvar, B.A., Narr, K.L., Cannestra, A.F., Thompson, P.M., Sharma, T., Toga, A.W. (1998). 3-Dimensional Analysis of Lateral Ventricles in Schizophrenia, 4th International Conference on Functional Mapping of the Human Brain, June 7-12, 1998, Montreal, Canada.
5. Thompson, P.M., Mega, M.S., Woods, R.P., Blanton, R.E., Moussai, J., Zoumalan, C.I., Dinov, I.D., Cummings, J., MacDonald, D., Evans, A.C., Toga, A.W: Detecting 3D Patterns of Alzheimer's Disease Pathology with a Probabilistic Brain Atlas based on Continuum Mechanics, Annual Conference of the American Academy of Neurology, 1999.
6. Thompson, P.M., Mega, M.S., Woods, R.P., Blanton, R.E., Moussai, J., Zoumalan, C.I., Aron, J., Cummings, J.L., Toga, A.W: A Probabilistic Atlas of the Human Brain in Alzheimer's Disease: Emerging Patterns of Variability, Asymmetry and Degeneration, 5th International Conference on Functional Mapping of the Human Brain, Dusseldorf, Germany, June 1999.
7. Narr, K.L., Sharma, T., Moussai, J., Zoumalan, C.I., Cannestra, A.F., Thompson, P.M., Toga, A.W: 3D Maps of Cortical Surface Variability and Sulcal Asymmetries in Schizophrenic and Normal Populations, 5th International Conference on Functional Mapping of the Human Brain, Dusseldorf, Germany, June 1999.
8. Lindshield, C.J., Mega, M.S., Narr, K.L., Moussai, J., Dinov, I.D., Sowell, E.R., Thompson, P.M., Woods, R.P., Sharma, T., Toga, A.W: Age-Related Frontal Gray Matter Loss: Volumetric Tissue Analysis in a Probabilistic Atlas using High-Order Non-linear Registration, 5th International Conference on Functional Mapping of the Human Brain, Dusseldorf, Germany, June 1999.
9. Thompson, P.M., Mega, M.S., Woods, R.P., Blanton, R.E., Moussai, J., Zoumalan, C.I., Cummings, J., MacDonald, D., Evans, A.C., Toga, A.W: Detecting 3D Patterns of Alzheimer's Disease Pathology with a Disease-Specific, Population-Based Probabilistic Brain Atlas, Proc. Society for Neuroscience, Miami, FL, Oct. 1999.
10. Narr, K.L., Thompson, P.M., Sharma, T., Moussai, J., Zoumalan, C.I., Wang, W., Rayman, J., Toga, A.W: Cortical and Subcortical Asymmetries: Sex Effects in Schizophrenic and Normal Populations, Proc. Society for Neuroscience, Miami, FL, Oct. 1999.
11. Cannestra, A.F., Sharma, T., Narr, K.L., Thompson, P.M., Moussai, J., Edris, A., Blanton, R.E., Toga, A.W: 3D Variability Maps of the Hippocampus and Amygdala in Schizophrenia, Proc. Society for Neuroscience, Miami, FL, Oct. 1999.
12. Narr, K.L., Thompson, P.M., Sharma, T., Moussai, J., Toga, A.W: Cortical Surface Asymmetries and Sulcal Shape Variability in Schizophrenia, International Congress on Schizophrenia Research, 2008.

13. Thompson, P.M., Mega, M.S., Woods, R.P., Zoumalan, C.I., Lindshield, C.J., Blanton, R.E., Moussai, J., Holmes, C.J., Dinov, I.D., Cummings, J., Toga, A.W: Early Cortical Change in Alzheimer's Disease Detected with a Disease-Specific, Population-Based, Probabilistic Brain Atlas, Annual Conference of the American Academy of Neurology, 2005.
14. Narr, K.L., Thompson, P.M., Sharma, T., Moussai, J., Zoumalan, C.I., Toga, A.W: 3D Mapping of Regional and Disease-Specific Morphometric Alterations in Schizophrenia, Annual Conference of the American Academy of Neurology, 2000.
15. Thompson, P.M., Mega, M.S., Woods, R.P., Zoumalan, C.I., Lindshield, C.J., Blanton, R.E., Moussai, J., Holmes, C.J., Dinov, I.D., Cummings, J.L., Toga, A.W: Early Cortical Change in Alzheimer's Disease Detected using Cortical Pattern Matching and a Disease-Specific Population-Based Brain Atlas, 6th International Conference on Functional Mapping of the Human Brain, San Antonio, Texas, June 2000.
16. Narr, K.L., Thompson, P.M., Sharma, T., Moussai, J., Krupp, R., Jang, S., Khaledy, M., Toga, A.W: 3D Maps of Cortical Gray Matter Concentration in Schizophrenic and Normal Populations, 6th International Conference on Functional Mapping of the Human Brain, San Antonio, Texas, June 2000.
17. Narr, K.L., Thompson, P.M., Sharma, T., Moussai, J., Khaledy, M., Eghbalieh, S., Toga, A.W: 3D Atlas of Sulcal Trajectories and Asymmetries in Schizophrenic and Normal Populations: Gender Effects, 6th International Conference on Functional Mapping of the Human Brain, San Antonio, Texas, June 2000.
18. Narr, K.L., Thompson, P.M., Sharma, T., Khaledy, M., Moussai, J., Toga, A.W: 3-Dimensional Mapping and Characterization of Differences in the Basal Ganglia in Schizophrenia, Proc. Society for Neuroscience, 2000.