BIOGRAPHICAL SKETCH

Provide the following information for the key personnel in the order listed for Form Page 2. Follow this format for each person. DO NOT EXCEED FOUR PAGES.

NAME
Neylan, Thomas C., M.D.

POSITION TITLE
Associate Professor of Psychiatry, In Residence

EDUCATION/TRAINING (Begin with baccalaureate or other initial professional education, such as nursing, and include postdoctoral training.)

<table>
<thead>
<tr>
<th>INSTITUTION AND LOCATION</th>
<th>DEGREE (if applicable)</th>
<th>YEAR(s)</th>
<th>FIELD OF STUDY</th>
</tr>
</thead>
<tbody>
<tr>
<td>Vanderbilt University, Nashville, TN</td>
<td>B.A.</td>
<td>1979</td>
<td>Biology</td>
</tr>
<tr>
<td>Rush Medical College, Chicago, IL</td>
<td>M.D.</td>
<td>1984</td>
<td>Medicine</td>
</tr>
</tbody>
</table>

NOTE: The Biographical Sketch may not exceed four pages. Items A and B (together) may not exceed two of the four-page limit. Follow the formats and instructions on the attached sample.

A. Positions and Honors. List in chronological order previous positions, concluding with your present position. List any honors. Include present membership on any Federal Government public advisory committee.

1987-89 Research Fellow, Western Psychiatric Institute and Clinic, University of Pittsburgh School of Medicine, Pittsburgh, PA
1989-90 Assistant Professor of Psychiatry, University of Pittsburgh School of Medicine, Pittsburgh, PA
1990-93 Medical Director, Inpatient Psychiatry, California Pacific Medical Center, San Francisco
1993-1998 Director, Psychiatry Residency Training, California Pacific Medical Center, San Francisco
1993-1998 Assistant Clinical Professor of Psychiatry, University of California San Francisco
1998-2003 Assistant Professor of Psychiatry, In Residence- University of California San Francisco
2003-Present Associate Professor of Psychiatry, In Residence- University of California San Francisco
1994-2006 Medical Director, Posttraumatic Stress Disorder Program, VAMC, San Francisco
2006-Present Director, Posttraumatic Stress Disorder Program, VAMC, San Francisco

Academic Honors and Awards
1983 American Medical Association, Rock Sleyster Medical Student Scholarship
1988 Public Health Service, National Research Service Award #5 T32 - MH16804-08

B. Selected peer-reviewed publications (in chronological order)


Escamilla, MA; Mclnnes, LA; Service, SK; Spenesy, M; Reus, VI; Molina, J; Gallegos, A; Fournier, E; Batki, S; Neylan, T; Matthews, C; Vinogradov, S; Roche, E; Tyler, DJ; Shimayoshi, N; Mendez, R; Ramirez, R; Ramirez, M; Araya, C; Araya, X; Leon, PE; Sandkuilj, LA; Freimer, NB. Genome screening for linkage disequilibrium in a Costa Rican sample of patients with bipolar-I disorder: a follow-up study on chromosome 18. American Journal of Medical Genetics 105:207-13, 2001

mood disorder on chromosome 18p11.3 in the Costa Rican population, Proc Natl Acad Sci U S A. 98(20):11485-90, 2001

Neylan TC, Canick JD, Hall SE, Reus VI, Sapolsky RM, Wolkowitz OM: Cortisol Levels Predict Cognitive Impairment Induced by Electroconvulsive Therapy, Biological Psychiatry 50:331-336, 2001


Neylan TC, Schuff N, Lenoci MA, Yehuda R, Weiner MW, Marmar CR. Cortisol Levels are Positively Correlated with Hippocampal N-Acetylaspartate, Biological Psychiatry 54:1118-1121, 2003


Pole N, Cumberbatch E, Taylor WM, Metzler TJ, Marmar CR, Neylan TC. Comparisons between high and low peritraumatic dissociators in cardiovascular and emotional activity while remembering trauma. Journal of Trauma and Dissociation 6:51-67, 2005


C. Research Support

ACTIVE

1 R01 MH73978-03 04/01/05-03/31/09
NIH/NIMH
Neuroendocrine Regulation of Sleep in PTSD (Neylan)

The major goal of this project is to examine neuroendocrine factors mediating sleep disturbances in men and women with chronic Posttraumatic Stress Disorder (PTSD).

2 R01 MH56350-09A1 (Marmar) 01/01/08 -12/31/30/12
NIH/NIMH
Prospective Study of Posttraumatic Stress in Police Officers

The major goal of this project is to determine prospectively if baseline psychosocial characteristics and biologic responses of police academy recruits explain posttraumatic stress and general functional disturbances following critical incident exposure during police service.

PTSD Core Study (Neylan) 10/01/05-09/30/09
DVA Mental Illness Research, Education and Clinical Center (MIRECC) WOS

The major goal of this project is to discover neuroimaging biomarkers of PTSD.
1 RO1 HD043323-03 (Daikh) 12/01/02-11/30/07
NIH/NICHD
A Controlled Trial of CBT for MS inflammation
The major goal of this project is to reduce inflammation in multiple sclerosis by targeting psychological stress.

DAMD17-03-1-0532 (Meyerhoff) 06/01/06 – 05/31/09
Department of Defense
Brain GABA and Glutamate in acute PTSD.
The overall goal is to develop neurochemical biomarkers of PTSD with Magnetic Resonance Spectroscopy.

NNJ05HG01A (Kanas) 08/12/05 - 09/30/10
NASA
Effects of High vs. Low Autonomy on Space Crewmember Performance
The major goal is to characterize interpersonal interactions on the safety and success of long duration space flight missions.

W81XWH-05-2-0094 (Neylan) 09/01/07 – 08/31/09
Department of Defense
Biological Pathways Expressed in PTSD
The major goal of this project is to develop peripheral biomarkers of PTSD.

PENDING
1 R34MH077667 To be Paid
NIH/NIMH
Cognitive Behavioral Treatment of Insomnia in Posttraumatic Stress Disorder (Neylan)
The major goal of this project is to improve treatment of sleep disturbances in PTSD. The specific aim is to test cognitive behavior therapy for treating sleep disturbances in subjects with PTSD.

PT074356 (Whooley) 10/01/08 – 06/30/12
Department of Defense
PTSD and Coronary Heart Disease.
The primary objective of this study is to determine the mechanisms responsible for increased cardiovascular disease in veterans with PTSD. By identifying these mechanisms, our study will address critical knowledge gaps in PTSD research and will provide targets for future therapeutic interventions to improve the health of veterans living with PTSD.

GRANT00343244 (Lew) 07/01/08-06/30/12
DOD TBI Technology Therapeutic Development
PTSD Behavioral Assessment Component
Resources for our PTSD research program will support efforts to: 1) identify reliable and valid psychosocial markers of PTSD; monitor the long-term neurological health of OEF and OIF personnel with PTSD, alone
and in combination with Traumatic Brain Injury (TBI), in order to determine risk for early cognitive decline and dementia

PT074257 (Neylan) 10/01/08 – 09/30/10
Department of Defense
Polysomnographic Assessment of Prazosin for Treatment of Sleep Disturbance in Posttraumatic Stress Disorder

The major goals of this project are to treat patients with trauma-related nightmares with prazosin, and measuring treatment effects with extended in-home sleep recording using actigraphy and ambulatory polysomnography.

PT074462P67 (Neylan-Partnering PI) 10/01/08 – 09/30/13
Department of Defense
National Warfighter Health Sustainment Study

The major goals of this project are to test prospectively if disturbed sleep predicts later emergence of PTSD, major depression, alcohol and substance abuse, and other problems in a nationally representative sample of veterans returning from military service in Iraq and Afghanistan.