

BIOGRAPHICAL SKETCH

Provide the following information for the key personnel in the order listed for Form Page 2.
Follow the sample format on for each person. (See attached sample). **DO NOT EXCEED FOUR PAGES.**

NAME	POSITION TITLE		
Edward M. Ornitz	Professor		
EDUCATION/TRAINING (Begin with baccalaureate or other initial professional education, such as nursing, and include postdoctoral training.)			
INSTITUTION AND LOCATION	DEGREE (if applicable)	YEAR(s)	FIELD OF STUDY
Stanford University, Palo Alto, CA	B.S.	1945-1948	Pre-Medicine
Stanford University, School of Medicine, Palo Alto, CA	M.D.	1948-1952	Medicine
Los Angeles County General Hospital, Los Angeles, CA	Internship	1952-1953	General Medicine

A. Positions and Honors.**Positions and Employment**

1955 – 1956	Psychiatric Residency, Yale University School of Medicine, Department of Psychiatry, Veterans Administration Hospital, West Haven Connecticut
1956 – 1957	Psychiatric Residency, Yale University School of Medicine, Department of Psychiatry, Psychiatric Outpatient Clinic, Grace-New Haven Hospital, New Haven, Connecticut
1960 – 1965	Staff Psychiatrist, Reiss-Davis Clinic for Child Guidance, Los Angeles, California
1963 – 1965	Clinical Instructor, Department of Psychiatry, UCLA School of Medicine, Center for the Health Sciences, Los Angeles, California
1965 – 1971	Assistant Professor in Residence, Department of Psychiatry, UCLA School of Medicine
1971 – 1978	Associate Professor in Residence, Department of Psychiatry, UCLA School of Medicine
1978 – Present	Professor in Residence, Department of Psychiatry, UCLA School of Medicine

Honors

1957 – 1958	Research Fellow, United States Public Health Service, Yale University School of Medicine, Department of Psychiatry, New Haven, Connecticut (Neurophysiology)
1958 – 1960	Fellow, Child Psychiatry, Yale University Child Study Center, New Haven, Connecticut
1963 – 1965	Career Teachers' Awardee, United States Public Health Service

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

1. **Ornitz EM**, Guthrie D. Long-term habituation and sensitization of the acoustic startle response in the normal adult human. *Psychophysiology* 1989;26:166-173.
2. **Ornitz EM**, Pynoos RS. Startle modulation in children with post-traumatic stress disorder. *Am J Psychiatry* 1989;146:866-870.
3. **Ornitz EM**, Guthrie D, Lane SJ, Sugiyama T. Maturation of startle facilitation by sustained prestimulation. *Psychophysiology* 1990;27:298-308.
4. **Ornitz EM**, Guthrie D, Sadeghpour M, Sugiyama T. Maturation of prestimulation-induced startle modulation in girls. *Psychophysiology* 1991;28:11-20.
5. **Ornitz EM**. Developmental aspects of neurophysiology. In: Lewis M (Ed.), *Child and Adolescent Psychiatry: A Comprehensive Textbook*. Baltimore, MD: Williams & Wilkins, 1991, pp 38-51.
6. Lane SJ, **Ornitz EM**, Guthrie D. Modulatory influence of continuous tone, tone offset, and tone onset on the human acoustic startle response. *Psychophysiology* 1991;28:589-597.
7. **Ornitz EM**, Hanna GL, de Traversay J. Prestimulation-induced startle modulation in attention-deficit hyperactivity disorder and nocturnal enuresis. *Psychophysiology* 1992;29:437-451.
8. **Ornitz EM**, Lane SJ, Sugiyama T, de Traversay J. Startle modulation studies in autism. *J Autism Dev Disord* 1993;23:619-637.

Principal Investigator/Program Director (Last, First, Middle):

9. Sugawara M, Sadeghpour M, de Traversay J, **Ornitz EM**. Prestimulation-induced modulation of the P300 component of event related potentials accompanying startle in children. *Electroencephalogr Clin Neurophysiol* 1994;90:201-213.
10. Fuster MM, de Traversay J, **Ornitz EM**. Maturation of the fast component of vestibular nystagmus during childhood and young adulthood. *Acta Otolaryngol* 1994;114:239-244.
11. **Ornitz EM**, Russell AT, Yuan H, Liu M. Autonomic, electroencephalographic, and myogenic activity accompanying startle and its habituation during mid-childhood. *Psychophysiology* 1996;33:57-513.
12. **Ornitz EM**. Developmental aspects of neurophysiology. In Lewis M (Ed.), *Child and Adolescent Psychiatry: A Comprehensive Textbook*, Second Edition. Baltimore, MD: Williams & Wilkins, 1996 pp 39-51.
13. Hirano C, Russell AT, **Ornitz EM**, Liu M. Habituation of P300 and reflex motor (startle blink) responses to repetitive startling stimuli in children. *Int J Psychophysiol* 1996;22:97-109.
14. Pynoos RS, Steinberg AM, **Ornitz EM**, Goenjian AK. Issues in the developmental neurobiology of traumatic stress. *Ann NY Acad Sci* 1997;821:176-193.
15. **Ornitz EM**, Gabikian P, Russell AT, Guthrie D, Hirano C, Gehricke JG. Affective valence and arousal in ADHD and normal boys during a startle habituation experiment. *J Am Acad Child Adolesc Psychiatry* 1997;32:1698-1705.
16. **Ornitz EM**. Startle modulation in children and developmental effects. In: Dawson ME, Schell AM, Boehmelt A (Eds.), *Startle Modification: Implications for Neuroscience, Cognitive Science, and Clinical Science*. Cambridge: Cambridge University Press, 1999, pp 245-266.
17. **Ornitz EM**, Russell AT, Hanna GL, Gabikian P, Gehricke JG, Song D, Guthrie D. Prepulse inhibition of startle and the neurobiology of primary nocturnal enuresis. *Biol Psychiatry* 1999;45:1455-1466.
18. Bailey JN, **Ornitz EM**, Gehricke JG, Gabikian P, Russell AT, Smalley SL. Transmission of primary nocturnal enuresis and attention deficit hyperactivity disorder. *Acta Paediatr* 1999;88:1364-1368.
19. **Ornitz EM**, Russell AT, Gabikian P, Gehricke JG, Guthrie D. Prepulse inhibition of startle, intelligence, and familial primary nocturnal enuresis. *Acta Paediatr* 2000;89:475-481.
20. **Ornitz EM**, Gehricke JG, Russell AT, Pynoos R, Siddarth P. Modulation of startle and the startle-elicited P300 by the conditions of the cued continuous performance task in school-age boys. *Clin Neurophysiol* 2001;112:2209-2223.
21. Gehricke JG, **Ornitz EM**, Siddarth P. Differentiating between reflex and spontaneous blinks using simultaneous recording of the orbicularis oculi electromyogram and the electro-oculogram in startle research. *Int J Psychophysiol* 2002;44:261-8.
22. **Ornitz EM**. Developmental aspects of neurophysiology. In Lewis M (Ed.), *Child and Adolescent Psychiatry – A Comprehensive Textbook*, Third Edition, Baltimore, MA: Lippincott-Williams & Wilkins, 2002, pp 60-74.

C. Research Support

Ongoing Research Support

MH64815 Craske (PI)

9/01/02 – 8/30/04

Markers for Risk for Anxiety Disorders

The major goals of this project: to evaluate startle reactivity, aversive learning and attentional biases as markers of risk for anxiety disorders in nonsymptomatic youths with and without risk for anxiety disorders, compared to anxiety disordered youths.

Role: Co-PI

MH65651 Caske (PI)

7/01/02 – 6/30/07

Common and Specific Risk Factors for Emotional Disorders

The major goals of this project are: to assess personality, physiological and cognitive variables that may place high school seniors at risk for anxiety and depression, as assessed longitudinally over a period of four years.

Role: Co-PI

DK64539 Mayer (PI)

9/30/02 – 8/31/07

Women's Health and Functional Visceral Disorders Center

The main focus of this Center is translational research to identify sex-related factors that play a role in the development, clinical manifestation and treatment of two common visceral pain disorders, Irritable Bowel Syndrome (IBS), and Interstitial Cystitis (IC). Equal emphasis is placed on human and animal model studies. Specific projects will address: 1) Sex differences in central stress circuits impacting IBS and IC. 2) Sex differences in CRF pathways in colonic responses, 3) Sex differences in neuroendocrine and immunologic responses in IBS patients, and 4) Sex differences in CRF, noradrenergic function and oxytocin in cats with IC.

Principal Investigator/Program Director (Last, First, Middle):

Role: Co-PI

Completed Research Support

Dykens (PI)

03/01/01 – 02/28/02

Fragile X Association Research Foundation

Startle and Startle Modification by Prepulses in Males with Fragile X Syndrome

This project studies prepulse inhibition of startle in boys with fragile X syndrome and matched normal controls.

Role: Co-PI

MH50243 Pynoos (PI)

10/01/96 – 09/30/99

NIMH

Startle in Children with Posttraumatic Stress Disorder

This project studied prepulse inhibition of startle and attentional modulation of startle in children with posttraumatic stress disorder and matched normal controls.

Role: Co-PI