

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	
David Shapiro		Professor	
EDUCATION/TRAINING <i>(Begin with baccalaureate or other initial professional education, such as nursing, and include postdoctoral training.)</i>			
INSTITUTION AND LOCATION	DEGREE <i>(if applicable)</i>	YEAR(s)	FIELD OF STUDY
University of Illinois, Urbana	A.B.	1948	Psychology
University of Michigan, Ann Arbor	M.A.	1950	Psychology
University of Michigan, Ann Arbor	Ph.D.	1953	Psychology

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

1953 – 1955	Lecturer on Social Psychology, Harvard University
1956 – 1963	Research Associate in Psychology, Dept. of Psychiatry, Harvard Medical school
1963 – 1971	Associate in Psychology to Associate Professor, Harvard Medical School
1971 – 1974	Senior Associate in Psychiatry/Psychology, Harvard Medicine School
1974 – Present	Professor, Dept. of Psychiatry, University of California, Los Angeles
1975 – Present	Professor, Dept. of Psychology, University of California, Los Angeles

Other Experience and Professional Memberships

1973 – 1982	Editorial Board, <u>Psychosomatic Medicine</u>
1974 – 1993	Editorial Board, <u>Biofeedback and Self-Regulation</u>
1975 – 1976	President, Society for Psychophysiological Research
1978 – 1986	Editor-in-Chief, <u>Psychophysiology</u>
1981 – 1985	Editorial Board, <u>Health Psychology</u>
1992 – 2000	Editorial Board, <u>Psychosomatic Medicine</u>

Honors

1963 – 1968	Career Development Award, NIMH, Level II
1964	Fellow, American Psychological Association (Division 6,8,38)
1968 – 1974	Research Scientist Award, NIMH
1980	Fellow, American Association for the Advancement of Science
1985	Fellow, Society of Behavioral Medicine
1988	Award for Distinguished Contributions to Psychophysiology, Society for Psychophysiological Research
2002	Presidential Honoree, American Psychosomatic Society
2002	Distinguished Scientist Award, Society of Behavioral Medicine
2003	Presidential Citation, Society of Applied Psychophysiology and Biofeedback

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

1. Crider A, **Shapiro D**, Tursky B. Reinforcement of spontaneous electrodermal activity. *J Comp Physiol Psychol* 1966;61:20-27.
2. **Shapiro D**, Tursky B, Gershon E, Stern M. Effects of feedback and reinforcement on the control of human systolic blood pressure. *Science* 1969;163:588-590.
3. **Shapiro D**, Tursky B, Schwartz GE. (1970). Control of blood pressure in man by operant conditioning. *Circ Res* 1970;27(Suppl 1):27-41.
4. **Shapiro D**, Tursky B, Schwartz GE. Differentiation of heart rate and systolic blood pressure in man by operant conditioning. *Psychosom Med* 1970;32:417-423.
5. Benson H, **Shapiro D**, Tursky B, Schwartz GE. Decreased systolic blood pressure through operant conditioning techniques in patients with essential hypertension. *Science* 1971;173:740-742.
6. **Shapiro D**, Schwartz GE, Tursky B. Control of diastolic blood pressure in man by feedback and reinforcement. *Psychophysiology* 1972;9:296-304.

7. **Shapiro D**, Schwartz GE. Biofeedback and visceral learning: Clinical applications. *Sem Psychiatr* 1972;4:171-184.
8. Victor R, Mainardi JA, **Shapiro D**. Effect of biofeedback and voluntary control procedures on heart rate and perception of pain during the cold pressor test. *Psychosom Med* 1978;40:216-225.
9. Becker DE, **Shapiro D**. Physiological responses to clicks during Zen, Yoga , and TM meditation. *Psychophysiology* 1981;18:694-699.
10. **Shapiro D**, Goldstein IB. Biobehavioral perspectives on hypertension. *J Consult Clin Psychol* 1982;50:841-858.
11. Goldstein IB, **Shapiro D**, Thananopavarn C, Sambhi, M. Comparison of drug and behavioral treatments of essential hypertension. *Health Psychol* 1982;1:7-26.
12. Goldstein IB, Jamner LD, **Shapiro D**. Ambulatory blood pressure and heart rate in healthy male paramedics during a work and nonworkday. *Health Psychol* 1992;11:48-54.
13. Bystritsky A, **Shapiro D**. Continuous physiological changes and subjective reports in panic patients: A preliminary methodological report. *Biol Psychiatry* 1992;32:766-777.
14. Jamner LD, **Shapiro D**, Hui KK, Oakley ME, Lovett M. Hostility and differences between clinic, self-determined and ambulatory blood pressure. *Psychosom Med* 1993;55:203-211.
15. **Shapiro D**, Jamner LD, Goldstein IB. Ambulatory stress psychophysiology: The study of "compensatory and defensive counterforces" and conflict in a natural setting. *Psychosom Med* 1993;55:309-323.
16. Pasic J, **Shapiro D**, Jamner LD, Hui KK. Hostility and the response to diuretic in mild-to-moderate hypertension. *Am J Hypertension* 1994;7:503-508.
17. **Shapiro D**, Goldstein IB, Jamner LD. Effects of anger/hostility, defensiveness, gender, and family history of hypertension on cardiovascular reactivity. *Psychophysiology* 1995;32:425-435.
18. Goldstein IB, **Shapiro D**, Hui KK. Cardiovascular effects of food in young and elderly adults. *J Psychophysiol* 1995;9:221-234.
19. **Shapiro D**, Jamner LD, Lane JD, Light KC, Myrtek M, Sawada Y, Steptoe A. Blood pressure publication guidelines. *Psychophysiology* 1996;33:1-12.
20. Spence S, **Shapiro D**, Zaidel E. The role of the right hemisphere in the physiological and cognitive components of emotional processing. *Psychophysiology* 1996;33:112-122.
21. Goldstein IB, **Shapiro D**. Postprandial ambulatory blood pressure and heart rate effects in healthy elderly adults. *Int J Psychophysiol* 1996;21:91-95.
22. **Shapiro D**, Goldstein IB, Jamner LD. Effects of cynical hostility, anger out, anxiety, and defensiveness on ambulatory blood pressure in Black and White college students. *Psychosom Med* 1996;58:354-364.
23. Goldstein IB, **Shapiro D**. The influence of caffeine on postprandial blood pressure in the healthy elderly. *J Psychophysiol* 1996;10:108-114.
24. **Shapiro D**, Hui KK, Oakley ME, Pasic J, Jamner LD. A cognitive-behavioral intervention reduces drug requirements for hypertension. *Am J Hypertension* 1997;10:9-17.
25. **Shapiro D**, Jamner LD, Goldstein IB. Daily mood states and ambulatory blood pressure. *Psychophysiology* 1997;34:399-405.
26. Girdler SS, Jamner LD, Jarvik M, Soles JR, **Shapiro D**. Smoking status and nicotine administration differentially modify hemodynamic stress reactivity in men and women. *Psychosom Med* 1997;59:294-306.
27. Goldstein IB, **Shapiro D**, La Rue A, Guthrie D. The relationship between 24-hour ambulatory blood pressure and cognitive function in healthy elderly people. *Aging, Neuropsychology, and Cognition* 1998;5:215-224.
28. Goldstein IB, **Shapiro D**, Chicz-DeMet A, Guthrie D. Ambulatory blood pressure, heart rate, and neuroendocrine responses in women nurses during work and off work days. *Psychosom Med* 1999;61:387-396.
29. Goldstein IB, **Shapiro D**. Ambulatory blood pressure in women: Family history of hypertension and personality. *Psychol Health Med* 2000;5:227-240.
30. Gehricke J, **Shapiro D**. Reduced facial expression and social context in major depression: discrepancies between facial muscle activity and self-reported emotion. *Psychiatry Res* 2000;95:157-167.
31. **Shapiro D**, Jamner LD, Goldstein IB, Delfino RJ. Striking a chord: Moods, blood pressure, and heart rate in everyday life. *Psychophysiology* 2001;38:197-204.
32. Goldstein IB, Bartzokis G, Guthrie D, **Shapiro D**. Ambulatory blood pressure and brain atrophy in the healthy elderly. *Neurology* 2002;59:713-719.
33. **Shapiro D**, Jamner LD, Davydov D, James P. Situations and moods associated with smoking in everyday Life. *Psychol Addict Behav* 2002;4:342-345.
34. Gehricke J, **Shapiro D**. Facial and autonomic activity in depression: Social context differences during imagery. *Int J Psychophysiol* 2001;41:53-64.

C. Research Support

Ongoing Research Support

R01 AG11595 Goldstein (PI)

03/01/99 – 11/30/03

NIH/NIA

Blood Pressure, Cognitive Function, and MRI in Older Adults

To determine whether ambulatory blood pressure technology is useful in predicting early brain and cognitive changes which may predate stroke and other cerebral pathology.

Role: Co-PI

RO1 CA 80301-02 Jamner (PI)

03/01/00 – 07/31/03

NIH/CA

Sub-Contract (UCI)

Adolescent Dysfunction & Smoking Susceptibility

The main objective of this project is to evaluate susceptibility to addiction in adolescents.

Role: Co-PI

RO1 HL52102 Goldstein (PI)

09/30/01 – 08/31/04

NIH/NHLBI

Psychosocial Factors and Ambulatory Blood Pressure

The main objective is to examine the effects of family history and personality on ambulatory blood pressure.

Role: Co-PI

Completed Research Support

R21 DA11903-01 Shapiro (PI)

09/01/98 – 12/31/02

NIH/NIDA

External and Internal Cues for Smoking in Everyday Life

The main objective of this project is to expand our knowledge of the cues associated with smoking in everyday life.

Role: PI