

**CURRICULUM VITAE
LARRY STEIN**

Date of Birth: November 10, 1931
Place of Birth: New York, New York
Marital Status: Married, two children
Military History: U.S. Army, 1955 - 1957 (see Positions)

Home Office: 5 San Sebastian
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lstein@uci.edu

EDUCATION

B.A. New York University, University Heights, 1952
M.A. University of Iowa, 1953
Ph.D. University of Iowa, 1955
Supervisor: Kenneth W. Spence
Post-doctoral Walter Reed Army Institute of Research
Supervisors: Joseph V. Brady and Murray Sidman

MAJOR FIELDS

Neurochemical mechanisms of Reward and Punishment
Operant Conditioning
Drug Abuse
Psychotherapeutic Drugs
Learning and Memory
Psychopharmacology of Schizophrenia and Depression
Pharmacological Evaluation and Drug Discovery
Expert Witness in Pharmacology

HONORS AND AWARDS

Phi Beta Kappa
Sigma Xi
Ph.D. with distinction
A. E. Bennett Award of the Society of Biological Psychiatry for Original Research
in Neuropsychiatry
Society of Experimental Psychologists
Distinguished Graduate, University of Iowa
(Certificate, in recognition of scholarly contributions to Psychology)

POSITIONS

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|--------------|---|
| 1952-1955 | Teaching and Research Assistant Department of Psychology, University of Iowa |
| 1955-1957 | Postdoctoral Fellow (army service) Walter Reed Army Institute of Research, Washington, D.C. |
| 1957-1959 | Supervisory Research Psychologist, Veterans Administration Research Laboratories in Neuropsychiatry, Pittsburgh, PA. |
| 1959-1979 | Senior Research Scientist and Head, Department of Psychopharmacology, Wyeth Laboratories, Radnor, PA |
| 1964-1979 | Visiting Lecturer and Adjunct Professor, Department of Psychology, Bryn Mawr College, Bryn Mawr, PA |
| 1969-1979 | Adjunct Professor, Departments of Psychiatry and Psychology, University of Pennsylvania, PA |
| 1979-2007 | Professor and Chair (1979-2000), Department of Pharmacology, College of Medicine, University of California, Irvine |
| 1982-2007 | Adjunct Professor, Department of Psychiatry and Human Behavior, University of California, Irvine |
| 2000-2007 | Chief Scientific Officer, Corporate Affairs and Initiatives, UC Irvine College of Medicine |
| 2007-present | Professor Emeritus of Pharmacology, UC Irvine College of Medicine |

PROFESSIONAL SOCIETIES

American College of Neuropsychopharmacology (emeritus)
American Society of Pharmacology and Therapeutics (emeritus)
Behavioral Pharmacology Society 9 (inactive)
Society of Neuroscience (inactive)
College on Problems of Drug Dependence (inactive)
American Physiological Society (inactive)
American Psychological Association (inactive)
Psychonomic Society (inactive)

PROFESSIONAL ACTIVITIES (prior to retirement)

Board of Scientific Advisors:

Nelson Research
Discovery Therapeutics
Clinical Technology Associates
Bio-Enhancement Systems
Whitby Research
CoCensys
DOV Pharmaceuticals
Afecta Pharmaceuticals

Offices in Professional Societies:

President, Division of Psychopharmacology, American Psychological Association
Councilor, American Psychological Association
Councilor, Psychopharmacology Division of APA
Councilor, American College of Neuropsychopharmacology

Member of Editorial Boards:

Journal of Comparative and Physiological Psychology
Psychopharmacologia
Brain Research
Research Communications in Psychology, Psychiatry and Behavior
Experimental and Clinical Psychopharmacology

UNIVERSITY SERVICE (representative):

Chair, Council of Departmental Chairmen, College of Medicine, 1981 - 1992
Strategic Planning Committee, 1980 - 1990
Resource Allocation Advisory Committee, 1982 - 1985
Dean's Operating Committee, 1983 - 1989
Dean's Advisory Board, 1980 - present
Academic Planning Council (campus), 1985 - 1986
Vice-Chancellor's Communication Group, 1986 - 1987
Dean's Representative, Veteran's Administration Research and Development Committee, 1983-present

CONSULTANTSHIPS (none current)

Discovery Therapeutics
Schering
Clinical Technology Associates
DOV Pharmaceuticals
CoCensys, Inc.
Lederle Laboratories

Wyeth Laboratories
Bio-Enhancement Systems
Syntex
Afecta Pharmaceuticals
Whitby Research

PH.D. THESES SUPERVISED

- Berger, B. An analysis of the learning deficits produced by scopolamine and benzodiazepines, 1968.
- Katz, R. Noradrenergic-cholinergic interactions in feline predatory attack, 1975. (Co-supervised with E. Thomas)
- Ritter, S. Self-stimulation of noradrenergic neurons in the locus coeruleus of the rat, 1974.
- Childress, A. R. Naloxone Suppression of Brain Self-Stimulation Evidence for Endorphin-Mediated Reward, 1979.
- Trujillo, K. A. Endogenous Opioids and Reinforcement, 1985.
- Black, J. P. Cellular Aspects of Operant Conditioning, 1987.
- Stevens, K. E. Hippocampal Substrates of Reinforcement, 1989.
- Self, David W. The Role of Dopamine Receptors and Inhibitory G Proteins in Stimulant and Opiate Reinforcement, 1992.
- Manzardo, Ann. Drug Preferences in Self-Administration Choice Tests, 2000
- Del Rio, JoAnne. Reinforcement by Dopamine Agonists as Measured by Acquisition of Self-Administration by Naïve Rats, 2001.

PATENTS

- Stein, L.**, Dheer, S.K. and Belluzzi, J.D. Long-acting enkephalin analogue, Wy-42, 171, with analgesic activity. April 27, 1977.
- McGregor, W.H., Belluzzi, J.D. and **Stein, L.**
Tetrapeptides with potent systemic analgesic activity.
May 24, 1977.
- Belluzzi, J.D., McGregor, W.H. and **Stein, L.**
Enkephalin-like dipeptides with opiate antagonist activity. July 27, 1978