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## **EXPERT CURRICULUM VITAE**

**Richard Stripp, Ph.D., CFC**

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### **Profile & Current Faculty Appointment**

The City University of New York

2001-Present

The John Jay College of Criminal Justice &

The Graduate Center of The City University of New York

Criminal Justice Doctoral Program, Forensic Science Program

Tenured Assistant Professor of Forensic Pharmacology &

Toxicology

New York, NY

### Expert Toxicology Consultant

1999-Present

Serve as an expert consultant in the field of toxicology and pharmacology to attorneys, investigators and physicians involved in forensic and toxicological evaluations associated with drugs and chemicals including iatrogenic agents, toxic metals, ethanol and other drugs of abuse, and environmental/occupational hazards.

Analyze the results of various chemical analyses to identify potential toxic insults and the validity of the measurements

To serve as an expert toxicology witness.

LIST OF DEPOSITIONS AND COURT TESTIMONY AVAILABLE UPON REQUEST

### List of the courses presently taught:

Principles of Forensic Toxicology

Advanced Forensic Toxicology I

Advanced Forensic Toxicology II

Analytical Toxicology

Forensic Pharmacology

Clinical Toxicology

Toxicology of Environmental and Occupational Chemicals

### Courses at other Institutions:

Methods of Toxicology, Biochemistry, Clinical Toxicology, Forensic Toxicology, Analytical Toxicology, and Principles of Toxicology

St. John's University (9/93-present)

College of Pharmacy and Allied Health Professions, Jamaica, NY 11439



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Pathophysiological Basis of Clinical Practice, Pathophysiology for Physicians Assistants. State University of New York, Downstate Health Sciences Center-School of Health Professions, Brooklyn, NY 11203

**Education**

St. John's University, College of Pharmacy and Allied Health Professions  
Jamaica, New York 11439  
Ph.D., Pharmacology & Toxicology, 1993  
MS., Forensic Toxicology, 1988  
BS. Toxicology (minors in Chemistry and Biology), 1983

Additional Training Courses Completed

<u>12/2006</u>	Thermo Scientific Corporation Onsite Trace DSQ, GC/MS Training Course
<u>8/2004</u>	FBI Laboratory Symposium Washington D.C. Basic Forensic Toxicology I, II, III Chemical Terrorism and Forensic Toxicology_
<u>4/1987</u>	Perkin Elmer Corporation Danbury, CT Atomic Absorption Spectrophotometry Training Course

**Other Professional Experience**

St. John's University  
School of Pharmacy & Allied Health Professions  
Visiting Assistant Professor of Toxicology  
Jamaica, NY 11439  
1993-present

Long Island University  
Arnold & Marie Schwartz  
College of Pharmacy and Health Sciences  
Assistant Professor of Toxicology and Pathophysiology  
Division of Pharmacology, Toxicology and Medicinal Chemistry  
75 Dekalb Avenue  
Brooklyn, NY 11201  
1994-2001

United States Department of Homeland Security (formerly DOE)



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Research Toxicologist  
New York, New York 10014-3621  
1985-1994

Formulate, design, and direct investigations intended to determine the fate and effects of potentially toxic chemical agents, which result from energy related activities by using biomolecular and biochemical markers. The classes of contaminants studied include various heavy metals, organics, and radionuclides.

Serve as the Principle Program Director responsible for the development of the scope and direction of the Laboratory's biological investigations including: planning, organization and performance of field investigations; arrangement for the biochemical and biological analyses of appropriate samples; evaluation of the quality of the analytical results; determination of the significance of the data to the research programs objectives; and dissemination of the relevant findings as written reports for peer-review publication or oral presentation at scientific symposia.

Serve as an expert consultant in the field of toxicology to scientists with other Federal Agencies, D.O.E. officials, and academic organizations.

New York City Office of the Chief Medical Examiner  
Toxicologist

New York, New York 10016  
1983-1985

Performed the methods of forensic toxicological analysis of human samples collected at autopsy used to determine the role of drugs and other toxic chemicals in establishing the cause of death for medico-legal investigation.

Determination of blood alcohol concentration.

Analyzed the results of chemical analyses to identify potential toxic insults.

#### **PROFESSIONAL & UNIVERSITY ACTIVITIES**

Certified Forensic Consultant, American Board of Forensic Examiners

Member of the National Institute of Justice Peer Review Panel in Forensic Toxicology

The International Association of Therapeutic Drug Monitoring and Clinical Toxicology

Served as a Moderator for a Criminalistics session at the Academy of Forensic Sciences meeting, New Orleans, LA 02/05.

Appeared on various media outlets as an expert in poisoning cases presented.



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President's Advisory Committee on Graduate Studies  
New Directions Subcommittee of the President's Advisory  
Committee on Graduate Studies  
Forensic Science Personnel and Budget Committee  
Forensic Science Departmental Committee on Instrumentation  
Forensic Science Department Curriculum Committee  
Forensic Science Committee to Hear Appeals  
Member of the Forensic Science Academic Standards Committee  
Member of the Forensic Science Instrumentation Committee  
Chairman of the Committee to Develop the Forensic Science  
Department 5 year Strategic Plan

**PUBLICATIONS & PRESENTATIONS (from 1999-2008, full list  
available upon request)**

Stripp, R.A. *The Forensic Aspects of Poisons. The Forensic  
Science Series*, Ed. L. Kobilinsky. Chelsea House Publish-  
ers, Langhorne, PA 19047-1813 2007.

Stripp, R.A. and Brinsko, K. Assessment of the role of en-  
dogenous opiate receptors in the development of hyper-  
prolactinemia following acute ethanol exposure in mice. *J.  
of Pharmacol. and Toxicol.* 2 (3): 290-294, 2007.

Stripp, R.A. Alcohols and Volatiles, Book Chapter: Alcohol  
and Volatiles In: *Forensic Chemistry* ed. L. Kobilinsky.  
(expected completion date, Fall 2007).

Stripp R. A., Riservato, L. and Lopez, B. The effect of  
ethanol on prolactin and luteinizing hormone release in  $\mu$   
deficient female ovariectomized mice. (paper in review *J.  
Pharmacol and Toxicol*).

Stripp, R. A. and Knorr, K. Hair drug testing: The assess-  
ment of the effectiveness of masking agents to produce  
false negatives in drug tests. (in preparation)

Stripp, R. A. and Guia, L. A study of cross reactivity of  
selected animal proteins on an enzyme-linked immunoassay  
for recombinant human erythropoietin. (in preparation)

Miller G. and Stripp, R.A. A determination of the extent  
of adulteration of Chinese patent/herbal medicines with  
western drugs. *Legal Med* 9, (5): 258-264, 2007.

Stripp, R. A. and Hoffman D.. Alteration in Prolactin Se-  
cretion in Female Ovariectomized Rats by some Endocrine  
Disrupting Chemicals. *Int J of Toxicol.* 3 (1) 2006.



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Hoffman, D. and Stripp, R. A. The role of vomitus and mouth alcohol in assessing evidential alcohol testing. The Forensic Panel Letter, July 2000.

Hoffman, D. and Stripp, R. A. Commentaries on blood breath alcohol ratios and testing. The Forensic Panel Letter, March 2000.

Stripp, R.A. Chapter 1: Normal and Altered Cellular Function. In: *Focus on Pathophysiology* ed. Bullock & Henze, J.B. Lippincott Company, Philadelphia PA. 1999.

Stripp, R. A. *A Concise Guide Medical Physiology and Pathophysiology*. WCB McGraw-Hill Company, New York 1999.

Hoffman, D. and Stripp, R. A. The technical aspects of evidential breath alcohol testing in legal cases selected for review. The Forensic Panel Letter, August 1999

Miller G. and Stripp, R.A.. A determination of the extent of adulteration of Chinese patent/herbal medicines with western drugs. The American Academy of Forensic Science. Seattle, Washington. February 2006.

Stripp, R.A. and L. Guia. A study of cross reactivity of selected animal proteins on an enzyme-linked immunoassay for recombinant human erythropoietin, Joint Meeting of the Society of Forensic Toxicologists & The International Association of Forensic Toxicologists, Washington, D.C. August 2004.

Stripp, R.A. Endocrine Disruption and the Role of Drugs and Chemicals: Consideration to Women's Health Issues, JJC Science Department Seminar Series, March 2004.

#### **RESEARCH TOPICS AND THESES SUPERVISED (LAST FIVE YEARS)**

A Consideration of the Important Factors Associated With the Use of Hair as an Alternative Matrix for Forensic Drug Testing: A Study of the Reliability and Interpretation of Drug Testing Results

Utilizing LC-MS technology for analyzing the relationship between the physical condition of US banknotes and its level of cocaine contamination

Role of opiate receptor subtypes in ethanol induced prolac-



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tin secretion in male mice.

Assessment of the potential toxicity of adulterants in Chinese patent/herbal medicines.

The effect of DL-ethionine, ANIT and CCl<sub>4</sub> administration on subcellular calcium transport.

The effect of ethanol on luteinizing hormone release in  $\mu$  deficient female ovariectomized mice.

Assessment of the role of the  $\mu$  receptor in ethanol induced prolactin secretion by using mu receptor rich and deficient mice.

Assessment of toxic metal contamination of some Eastern Patent/herbal medicines by ICP/MS.