

## LARRY S. LIEBOVITCH, PhD

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curriculum vitae: <http://people.qc.cuny.edu/faculty/larry.liebovitch/documents/cv.pdf>

### SPECIAL SKILLS

- **HIGHLY INTERDISCIPLINARY:** connecting mathematics, physics, biology, and the social sciences.
- Experienced in leading teams to define and complete projects in research and administration.

### RESEARCH PROJECTS

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#### Human Behavior

(2013)

Audio analysis of people struggling to reach consensus about a topic on which they disagree  
*PLOS ONE*

#### Biological Systems

(2011)

Dynamics of gene regulatory networks in blood stem cells  
*Bulletin of Mathematical Biology*

#### Commodity Prices

(2010)

Time correlations in the commodity prices in ancient Babylon compared to modern markets  
*European Physics Letters*

#### Pharmaceuticals

(2007)

Multi-drug therapies with fewer side effects than traditional single drug therapies  
*Nonlinear Biomedical Physics*

### ADMINISTRATION PROJECTS

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#### Strategic Planning

(Queens College)

Developed 4 interdisciplinary science clusters, hired 10 faculty

#### Research Grants

(Queens College)

Increased externally funded federal grants in my division to \$10,000,000/year

#### Student Success

(Queens College)

Improved pre-health advising, awarded \$60,000 in new scholarships

#### New Degree Programs

(Florida Atlantic Univ.)

Professional Science Masters Degrees in Medical Physics and Biotechnology

### PROFESSIONAL EXPERIENCE

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Queens College, City University of New York, NY

Prof. of Physics & Psychology (2010-present), Dean of the Division of Math & Natural Sciences (2010-13)

Columbia University, New York, NY

Adjunct Senior Research Scholar (2014-present)

Florida Atlantic University, Boca Raton, FL

Prof. (1998-2010) Assoc. Prof. (1993-98) of Psychology, Assoc. Dean (2008-10), Graduate Programs Director (2007-08), Interim Director Center for Complex Systems and Brain Sciences (2004-07)

Columbia College of Physicians & Surgeons, Columbia University, New York, NY

Asst. Prof. Ophthalmology (1985-1993), Assoc. Research Scientist (1982-1985), Postdoc. Fellow (1979-1982)

Mt. Sinai School of Medicine, City University of New York, NY

Postdoc. Fellow (1978-79)

### EDUCATION

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Harvard University: PhD: Astronomy (1978), AM: Astronomy (1973)

City College, City University of New York: BS (summa cum laude), Physics (1972)