**Summary** Technology manager with experience in planning, producing and adapting to innovation in information technology and biomedical science. Resourceful, bold problem-solver with strong analytical skills and cheerful, energetic personality to catalyze team productivity.

**Experience**

Summer 2000 **NEWCOGEN GROUP (a new venture creator and accelerator) Cambridge, MA**

Performed competitive analysis, technological assessment and corporate development for seed-stage

e-fitness/e-health firm.

1997 - 1999 **NASA Silicon Valley, CA**

*National Research Council Senior Research Associate, Ames Research Center*

Planned and performed research to improve human-computer interface. Developed & optimized processing of huge digital video datasets.

1997 - Present **FOUNDATION FOR VISION SCIENCE**

*Founder & Executive Director*

Created tax-exempt public charitable foundation. Recruited personnel, raised funds and negotiated contracts in complex legal and political environment.

1993 - 1997 **WASHINGTON UNIVERSITY & CENTRAL INSTITUTE FOR THE DEAF St.Louis, MO**

*Asst. Professor of Ophthalmology in School of Medicine and Associate Research Scientist*

Joined top ophthalmology research department to lead projects in retinal transplantation, in partnership with biomedical start-up and research institute.

* Managed two strategic alliances with corporate partners supporting R&D venture.
* Resourcefully negotiated ethical challenges in hybrid for-profit and non-profit environment.
* Won 6-figure research awards from leading foundations.
* Led multi-disciplinary, collaborative, multi-site studies. Conceived, created and led cross-functional projects of clinicians, physicists, biologists, psychologists, and engineers. Reported on projects to CEO/COO and corporate allies.

1989 - 1993 **CENTER FOR NEURAL SCIENCE, NEW YORK UNIVERSITY New York City**

*National Institutes of Health National Research Service Awardee*

* Focused on how brain enables vision; Led research featured in world's two leading science journals, *Nature* and *Science.*

# Education

1999 - Present **MIT SLOAN SCHOOL OF MANAGEMENT Cambridge, MA**

Candidate for MBA, June 2001

* Program focus: (1) the commercialization of IT and bio/biomedical technology and (2) finance.
* Executive Committee, e-MIT entrepreneurship portal (http://e-mit.mit.edu).
* Co-Chair, HealthTech Club; active member, Venture Capital and mediaTech Clubs.
* MIT Sloan Latin American Trip (Argentina & Brazil)

1982 - 1989 **UNIVERSITY OF CALIFORNIA, BERKELEY Berkeley, CA**

Ph.D. in Neurobiology and National Science Foundation Graduate Fellow

Focus on vision: quantitative studies of perception and neuronal image processing.

1978 - 1982 **HARVARD COLLEGE Cambridge, MA**

B.A., Social Studies with honors thesis on technology and social change

Awarded Harvard University Center for International Affairs Undergraduate Traveling Fellowship to study military technology development in U.K.

# Career Highlights and Personal Detail

* Ten years of innovative post-doctoral research in neuroscience, eye research, imaging technology, digital video image processing, pattern recognition and diabetic vascular physiology.
* Successfully procured more than $ 250,000 in competitive research grants and awards in three different research areas from NIH, NSF, foundations and a corporation.
* At age 15, computer-modeled options portfolio management; at 18, passed Series 7 to become youngest registered representative at Bear, Stearns; very successfully speculated with personal investment account (5X return in one year).
* Enjoy hiking, biking, practicing conversational Italian, movies, and building personal library.