

# Caroline Szymeczek, Ph.D.

## Resume Highlights

### Education

Ph.D., Molecular Physiology University of North Carolina at Chapel Hill (1994)

B.S. with distinction, Biology, University of North Carolina at Chapel Hill (1986)

### Business and Academic Positions

*President:* Integrated Learning Innovations, Chapel Hill, NC

*Associate Director:* Institute for Science Learning (ISL), University of North Carolina at Chapel Hill (UNC Chapel Hill) (April 2004-August 2006)

*Director:* Instructional Media Group, Institute for Science Learning, UNC Chapel Hill (April 2004-August 2006)

*Associate Director:* Education and Media Programs, Partnership for Minority Advancement in the Biomolecular Sciences, UNC Chapel Hill (August 2003-August 2006)

*Instructional Research Coordinator:* Collaborative Electronic Learning Laboratory, Partnership for Minority Advancement in the Biomolecular Sciences, UNC Chapel Hill (August 2001-August 2003)

*Research Instructor:* Department of Cell and Molecular Physiology, UNC Chapel Hill (2000-August 2001)

*Assistant Professor:* Department of Pediatrics, School of Medicine, UNC Chapel Hill (1998-2000)

*Visiting Assistant Professor:* Department of Pediatrics, School of Medicine, UNC Chapel Hill (1997-1998)

*Intramural Research Training Award Fellow:* National Institute of Environmental Health Sciences Research Triangle Park, NC (1994-1997)

### Awards and Recognition

*Pirelli INTERNETional Multimedia Award in Science Education* (2005)

*Procter and Gamble Professional Opportunity Award*, American Physiological Society (1990)

*Glaxo Fellowship* for graduate studies (1990-1994)

*John Motley Morehead Scholar* at UNC Chapel Hill (1982-1986)

*National Merit Scholar* (1982-1986)

### Advisory/Service

*Committees:* Program Review Committee for Health Careers Access Program, UNC Chapel Hill, Morehead Scholarship Screening Committee, UNC Chapel Hill, knowledgeFoundry@Carolina advisory board, UNC Chapel Hill, Medical Student Advising Program, School of Medicine, UNC Chapel Hill

*Grant Review:* National Science Foundation Math and Science Education Partnership Awards, NC Space Grant

### Funding

\$2.3 million in research and multimedia development grants as Principal Investigator/co-PI; over \$18 million as designer/writer/facilitator. Funding was for scientific and education research from the NIH, NSF, Foundations, Business, and UNC System.

### Publications

Chapters, reviews, and peer-reviewed publications in scientific research and science curriculum (14)

### Presentations

Conference and symposium presentations on education, education research, curriculum development, and instructional technology (14)