

BIOGRAPHICAL SKETCH

Provide the following information for the key personnel and other significant contributors in the order listed on Form Page 2.
Follow this format for each person. **DO NOT EXCEED FOUR PAGES.**

NAME Ruchi Gupta		POSITION TITLE Post Doctoral Associate	
eRA COMMONS USER NAME			
EDUCATION/TRAINING <i>(Begin with baccalaureate or other initial professional education, such as nursing, and include postdoctoral training.)</i>			
INSTITUTION AND LOCATION	DEGREE <i>(if applicable)</i>	YEAR(s)	FIELD OF STUDY
St. Stephens College, Delhi University	B.Sc	1998-2001	CHEMISTRY
Indian Institute of Technology, Kanpur	M.Sc	2001-2003	CHEMISTRY
StonyBrook University, NY	PhD	2003-2008	CHEMISTRY
Rockefeller University	Post Doc	2008-present	Biochemistry and Molecular Biology

NOTE: The Biographical Sketch may not exceed four pages. Follow the formats and instructions on the attached sample.

A. Positions and Honors. List in chronological order previous positions, concluding with your present position. List any honors. Include present membership on any Federal Government public advisory committee.

POSITIONS

President, Graduate Chemical Society (2007-2008)
 Student representative, Graduate Affairs Committee (2006-2008)
 Student representative, Carnegie Initiative (2006-2008)
 Vice-President, Graduate Student Organization (Summer, 2007)
 Student representative, Seminar Committee, Chemistry Department (2006-2007)
 Speaker, Graduate Student Organization (2006-2007)
 Senator, Graduate Student Organization (2005-2006)

HONORS

Chemistry Award for Excellence in Doctoral Research (2007-2008)
 Chemistry Award for Outstanding Service (May, 2008)
 Campus Service Award, Graduate Student Organization (2007)
 Campus Life Award, Stony Brook (2006)
 Campus Life Service Award, Graduate Student Organization (2006)
 Campus Service Award, Graduate Student Organization (2005)
 President's Medal, Indian Institute of Technology (2003)
 Award of Excellent Organization at the Annual International Conference of the Indian Society of Developmental Biologists (2002)
 All India Science Bachelors Education Award (2001)

B. Publications

“Residue-specific structural information on the folding of amylin using 2D IR spectroscopy.” Sang-Hee Shim, Ruchi Gupta, Daniel P. Raleigh and Martin T. Zanni, *Proc. Natl. Acad. Sci.*, *in press*

“The Fluorescent Amino Acid *p*-Cyanophenylalanine Provides an Intrinsic Probe of Amyloid Formation.” Peter Marek, Ruchi Gupta, Daniel P. Raleigh, *ChemBioChem*, *in press*.

“Aromatic interactions are not required for amyloid fibril formation by islet amyloid polypeptide but do influence the rate of fibril formation and fibril morphology.” Peter Marek, Andisheh Abedini, Benben Song, Mandakini Kanungo, Megan E. Johnson, Ruchi Gupta, Warda Zaman, Stanislaus S. Wong, Daniel P. Raleigh, *Biochemistry*, 2007 Mar 20;46(11):3255-61.

“Mutational analysis of the folding transition state of the C-terminal domain of ribosomal protein L9: a protein with an unusual beta-sheet topology.” Ying Li, Ruchi Gupta, Jaehyun Cho, Daniel P. Raleigh, *Biochemistry*, 2007 Jan 30;46(4):1013-21.

C. Teaching Experience

Stony Brook University:

General Chemistry I CHE131 Fall 2003; Spring 2007, 2008

General Chemistry II CHE132 Spring 2004, 2006; Fall 2005, 2007

Indian Institute of Technology:

Biophysics and Biochemistry of Proteins with Prof. Sankaran
(Graduate course, 2003)