

EDUCATION

Master of Science, Pharmaceutics & Drug Design, MCPHS University, Boston, MA GPA: 3.48/4.00 May 2013
Master's Thesis Title: "Hydrophobized triphenyl phosphonium derivatives for the preparation of mitochondriotropic liposomes: Choice of hydrophobic anchor influences cytotoxicity but not mitochondriotropic effect."
Bachelor of Pharmacy, D.I.P.S.A.R., University Of Delhi, New Delhi, India GPA: 3.99/ 4.00 June 2010
Published, "Ion – exchange resins transforming drug delivery systems."

RESEARCH EXPERIENCE

Research Assistant, HHMI Project Mentor Nano/Biophotonics Laboratory September 2014-September 2015
UCLA, Los Angeles, CA, (PI: Dr. Ayodgan Ozcan)
Developing new detection methods for Malaria and Tuberculosis

Technical Research Assistant II, Laboratory of Molecular Genetics August 2013-June 2014
Brigham and Women's Hospital, Boston, MA, (PI: Dr. Sunita Setlur)
Validated genomic copy number variation for prostate cancer and HapMap cell lines using qPCR (2 Posters)

Graduate Assistant, August 2010-May 2013
MCPHS University, MA, D'Souza Laboratory (PI: Dr. Gerard D'Souza)
Developed novel mitochondrial targeting ligands using bioconjugation of TPP with various phospholipids, observing the conjugation reactions using TLC and NMR (2 Paper + 1 Book Chapter published+ 4 Posters)

Research Trainee, Cell Biology (DAAD RISE Pro Fellowship) July 2012-December 2012
BRAIN AIG, Zwingerberg, Germany, Cell Biology Unit (PI: Dr. Torsten E. Fauth)
Designed RNA aptamers as cellular detection tools

Research Trainee, Laboratory of Biomaterials and Nanomedicine May 2011-August 2011
Brigham Women's Hospital, Boston, MA (PI: Omid Farokhzad)
Protein delivery using nanoparticles, studying protein release using dialysis and BCA assay

HONORS AND ACTIVITIES

DAAD RISE-PRO Fellowship (July 2012-December 2012)
UCLA CTSI Pathfinder Award (July 2015)
University Fellowship, UCLA (Winter 2015)
Member, Young Alumni Club, MCPHS University (2013-Present)
Member, BWH Young Professional, BWH (2013- 2014)
Mentor, MCPHS Mentor-a-cardinal program (Wenli Liang) (2013-2014), (Camille Alander) (2014-2015)
MCPHS University Graduate Scholarship (2010-2012)

ACADEMIC ASSOCIATIONS

Organizing Committee Member, AllOfUs (UCLA Mental Health Awareness campaign)
Member, Society for Women Engineers (2015-Present)
Board Member, Society for Biomaterials, UCLA (September 2014-September 2015).
Secretary, MCPHS AAPS student chapter (August 2010- 2011) and (August 2011-2012).
Student volunteer in the AAPS-NERDG 2011 Summer Conference at Merck Research Laboratories, Boston, MA.
Student volunteer in the 15th AAPS-NERDG 2012 Annual Meeting at Rocky Hill, CT.
Member of GRASP 2011 (Graduate Research Association of Students in Pharmacy) conference organization committee
