

Rana Khan
Curriculum Vitae

PROFESSIONAL EXPERIENCE SUMMARY

- Extensive experience in graduate higher education administration, research and teaching focused on adult learner and different learning environments
- Successful leadership of a diverse department offering a complex portfolio of science and information technology- related programs
- Experience managing budget and department operations for increased productivity
- Successful implementation of initiatives to increase student diversity, enrollment and success
- Lead in securing one of the first Professional Science Master's (PSM) designations for an online program
- Track record for developing collaborations and partnerships with public and private sector organizations
- Principal investigator on two multi-year Department of Education grants totaling \$870K; the first, to develop an e-mentoring program for Professional Science Master's (PSM) students, and the second, to develop an approach that enhances degree completion by Hispanic Americans
- Considerable experience developing new programs and curricula for online delivery
- Experience with operational and academic issues related to faculty and students
- Record of conducting and publishing scientific and educational research

PROFESSIONAL WORK EXPERIENCE

Yeshiva University
Katz School of Science, Technology and Health

Founding Program Director , Katz School of Science, Technology and Health 2018-

Manage the Biotechnology Management and Entrepreneurship program and help develop new programs in the biotechnology and health area.

University of Maryland University College,
The Graduate School

Vice Dean and Chair, Department of Information and Technology Systems 2012-2018

Led and managed the academic offerings and operations of a department with five programs and over ten specializations. Managed the budget and the personnel and collaborated with other departments on joint initiatives.

Associate Chair, Department of Information and Technology Systems 2010-2012

Supported the Chair of the department in the management of the department, represented the department on various committees, developed community outreach and partnerships

Director, Biotechnology Program 2003-2018

Managed the curriculum and operations of the biotechnology program over a period of 15 years including hiring faculty, revising curricula, obtaining PSM designation and implementing initiatives.

EDUCATION

Ph.D., Molecular and Cell Biology December 1999
University of Maryland College Park, College Park, MD

M.S., Biochemistry August 1989
Tulane University, New Orleans, LA

M.S., Chemistry August 1984
Indian Institute of Technology, New Delhi

TEACHING AND RESEARCH POSITIONS

- **Yeshiva University**
 - Clinical Professor, 2018 -
- **University of Maryland University College**
 - Full Collegiate Professor, 2010 - 2018
 - Associate Collegiate Professor, 2006 - 2010
 - Assistant Collegiate Professor, 2003 - 2006
 - Adjunct Faculty, 2001- 2003

Taught a variety of courses including, Introduction to molecular biology, Techniques in molecular biotechnology, Commercialization of biotechnology, Business of biotechnology, Regulatory environment in biotechnology, Lab methods in recombinant DNA technology.

- **United States Department of Agriculture, 2000 - 2003**
 - Postdoctoral Research Associate
- **University of Maryland College Park, 1994 -1999**
 - Doctoral Candidate and Teaching Assistant