BRIEF BIOGRAPHICAL SKETCH

NAME: Pradeep K. Karla

POSITION TITLE: Associate Professor

EDUCATION/TRAINING:

INSTITUTION AND LOCATION	DEGREE *(if applicable)*	Completion Date MM/YYYY	FIELD OF STUDY
Stanford University, Graduate School of Business	LEAD Certificate	08/19-8/20	Leadership and Corporate Innovation
National Institute of Health, USA	NIH KL2 Scholar	07/13	Drug Delivery and Nanotechnology
University of Missouri-Kansas City, USA	iPh.D. (Interdisciplinary)	12/08	Pharmaceutics and Drug Design
Nagarjuna University, INDIA	B.S. (HON. With Distinction)	09/02	Pharmacy

A. Personal Statement:

- The significance of Dr. Karla's research involves the discovery of new drug efflux transporters on human ocular tissue and human immune CD4 T-Cells. Dr. Karla's research have demonstrated for the first time that these transporters play a vital role in decreased bioavailability of drugs employed in chronic disease states such as glaucoma and HIV. Dr. Karla's research has been cited by American Association of Colleges of Pharmacy (AACP) as one of the eight promising research contributions that have the potential for a therapeutic cure for glaucoma. As a Principal Investigator (PI), Dr. Karla received highly competitive AACP New Investigator Grant, NIH funded KL2 Grant and several other grants as PI and Co-I. Apart from research, Dr. Karla is interested in implementing new technologies to promote active learning in classroom. Dr. Karla's research in teaching method development involves integrating tablet touch interface of faculty and student tablet PC's via Wi-Fi network to create a real time interactive platform. Dr. Karla accepted invitation to be a key note speaker at 8th World congress on Bioavailability and Bioequivalence: Pharmaceutical R & D Summit to be held in 2017. Dr. Karla was the recipient of "Teaching with Technology Award" from Center for Excellence in Teaching, Learning, and Assessment (CETLA). Dr. Karla was the recipient of Distinguished Faculty Award, Professor of the Year Award and multiple other awards at HU-COP. Dr. Karla was also a recipient of Pharmaceutical Sciences Faculty Professionalism Recognition Award.

B. Patents Issued:

- **Karla PK**, Inventor; Howard University, assignee. Method of increasing the bioavailability of an HIV Drug. **US patent** 1,020,552. February 12, 2019.
- Mangat S, **Karla PK**. Compositions and method for treatment of ischemic neuronal reperfusion injury. **US Patent** 9,433,608. September 6, 2016.
- Mangat S, **Karla PK**. Compositions and method for treatment of ischemic neuronal reperfusion injury. **US Patent** 9,248,118. February 2, 2016.
- Mangat S, **Karla PK**. Compositions and method for treatment of ischemic neuronal reperfusion injury. **US Patent** 8,993,512. March 31, 2015.