

Faculty Name: Dr. Sangita Pal **Work Address:** P.O. Box 519; MS 1060
Prairie View, TX 77446

Position Title: Adjunct Professor

Email Address: sapal@pvamu.edu

Education:	Degree and Area of Study	Institution Name	Degree Date
	Ph.D. / Microbiology	Indian Council of Medical Research/ NICED/ Dept. of Biochemistry/ India	Jan 1998
	MS/ Ecology/ Environmental Science	University of Kalyani, India	Dec 1993
	MS / Botany	University of Calcutta, India	1990
	Post-Graduate Diploma in Bioinformatics	University of Manchester, UK.	2010
Teaching Exp	Institution Name	Position Title	Position Dates
	Texas A & M University, College Station, TX	Instructor	2014-2015
	Blinn College	Faculty	2014 Fall
	Lone Star College	Adjunct Faculty	2008- Current
	Baylor College of Medicine, Human Genome Sequencing Center, Houston, Texas	Faculty/Research Associate/ Mentor/ Graduate Students	2001-2004
	University of Texas Health Science Center, TX	Post-doctoral Fellow/Mentor/ Graduate Student	2000-2001
	Indian Council of Medical Research, NICED.	Senior Research Fellow/ Mentor Graduate Students	1995-1998
	University of Calcutta / RMC and MJC	Lecturer	1996-97

Published papers in Molecular Biology, Medical Microbiology and genome research (Selected)

1, Book Chapter/ Bacterial Artificial Chromosomes: Volume 1: Sangita Pal*.. G.M. Weinstock. "Preparation .. In vivo packaging"; Published in Methods in Molecular Biology Volume #: 255 Chapter 3, 57-68.

2. R Seshadri,..Sangita Pal*..et al. "Comparison of the genome .. spirochete"; PNAS.2004; 101: 5646-5651.

3. Sangita Pal*, S Mak and G.M. Weinstock. "Preparation... libraries... packaging"; Published in Methods in Molecular Biology Volume #: 255 Chapter 3, 57-68.

4. K.J.Pederson, **Sangita Pal***, ..J.T.Barbieri. 1999. "Intracellularin eukaryotic cells"; Molecular Microbiology, Vol 37(2), 287-299.

Published papers in Medical Microbiology, Biochemistry and Immunology research (Selected)

5. *Sangita Pal* et al. 1999; "Comparative analysis, Vibrio ...0139"; FEMS Microbiology letters, Vol. 179,401-407*

6. *Sangita Pal* et al. 1999 "Use of PCR to identify Enteroggregative, India"; Journal of Medical Microbiology. 48, p1-6.*

7. *Sangita Pal* et al 1998 (Aug) "Use of monoclonal antibodies ...Vibrio cholerae 0139"; Infection & Immunity. 66(8), p 3974-77.*

8. *Sangita Pal* et al. 1997. "Purification and characterization .. phospholipase ..."; FEMS Microbiology Letters. 147/1, 115-120.*

9. *Sangita Pal* et al. 1996 (Sep). "Electrophoretic mobility"; FEMS Immunology and Medical Microbiology. 15, double issue 2-3, 143-148.*

10. *Sangita Pal*, et al 1996. "Adhesion of Vibrio cholerae 0139 to isolated rabbit intestinal epithelial cells in vitro"; Indian Journal of Medical Research. 24, 735-737.*

11. *Sangita Pal*, et al 1995 (May) "Haemagglutinating of Vibrio cholerae 0139"; Indian Journal of Medical Research. 101, 175-178.*

Published papers in Environmental Biology research

12. Sangita Pal* et al; "Enzyme .. pollution... oxidase"; Science & Culture. P45-46.

13. M.S. dissertation on Environmental Biology 1993. - Use of Spirulina to control environmental waste.

Published / Attended / Invited lectures - 20 + International / National conferences / workshops

Awards:

+ Awarded twice by National Institute of Health (NIH), USA for post-doctoral position.

+ Obtained Young Scientist Award in the 4th international symposium on "Biochemical roles of eukaryotic cell surface macromolecules" 1996

+ Selected and worked for World Health Organization collaborating research project (Full time) and awarded ICMR (Indian Council of Medical Research) fellowship for Ph. D (1993 -1997)

+ Post-doctoral research associate ship awarded by NIH, USA [2001Nov-Feb 2004]

+ Post-doctoral fellowship awarded by NIH, USA [Feb 2000-October2001]

+ Awarded by Phi theta kappa honors society, for supporting academic excellence in Texas/ fall 2011 and 2010

+ Received nomination for teaching excellence award in fall 2012, fall 2013, fall 2014 and fall 2016 at Lone Star College.

+ Obtained National Merit Scholarship. India (1982-1986)