

CURRICULUM VITAE

Anita Kar, Ph.D.



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BIRTH DATE July 21 1958

DESIGNATION Director
Associate Professor
Interdisciplinary School of Health Sciences
Coordinator, MPH Programme

I. EDUCATION

1974 B.Sc. (Zoology), University of Calcutta
1979 M.Sc. (Zoology, Specialization Cytogenetics) University of Calcutta
1989 Ph.D (Zoology, Cytogenetics), University of Calcutta

POST DOCTORAL

1987 Visiting Scientist, Institute Jacques Monod, Paris, France
1987 Post-doctoral Fellow, Department of Biology, Massachusetts Institute of
Technology, USA
1991 CSIR, Post-doctoral Research Associate, University of Pune,
Department of Zoology

ACADEMIC EMPLOYMENT

2006 – present Director, Interdisciplinary School of Health Sciences,
1994 – present Associate Professor, Interdisciplinary School of Health Sciences,
University of Pune, Pune.

ACADEMIC AWARDS

- Gold Medallist, University of Calcutta, 1982, first rank, M.Sc.(Zoo) examination
- National Merit Scholarship, Government of India , 1980-1982
- Jubilee Merit Prize, University of Calcutta,1979 for first rank, B.Sc (Zoo) examination

RESEARCH AWARDS

- B C Garg Memorial Award for the best article in the Indian Journal of Tuberculosis in the year 2006
- Pyarelal Memorial Award of the Indian Association of Preventive and Social Medicine, 2005
- Best Presentation Award, South-East Asia Congress of the International Epidemiological Association, 2002
- Young Scientists Project Award, Department of Science and Technology, Govt. of India

ORATIONS

- Banoo Coyajii Memorial Oration of the Indian Public Health Association Maharashtra Chapter, Mahatma Gandhi Medical College, Wardha

II. SPECIALIZATIONS AND EXPERIENCE

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| Genetics | Post –Ph.D. experience of 18 years in teaching and research in genetics, molecular biology and microbiology, curriculum development and teaching biotechnology |
| Public health | Over sixteen years of experience in the following: <ul style="list-style-type: none">• Conceptualization and developing the public health teaching programme of the Interdisciplinary School of Health Sciences• Development of syllabi• Development of appropriate partnerships and linkages to enhance practical training in public health |

- Development of programme for students from developed countries
- Setting up of biosafety laboratory, ethics committee for the University of Pune
- Establishing public health field training facility at Kamshet, Pune district, Maharashtra

TEACHING INNOVATIONS

Obtained the first University Grants Commission supported Master of Public Health programme in the country supported through UGC's Innovative Programme No. F.14-62/2004/(Inno.ASIST)

UPE Phase II holistic programme assistance from the UGC for development of a focused area research in "Translation research in health of women and children" in the pipeline.

III. RESEARCH

Research Grants (as Principal Investigator)

Year Funding agency

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| 2010-2012 | Indian Space Research Organization |
| 2007-2008 | Office of the WHO Bone and Joint Decade |
| 2005 - 2010 | University Grants Commission Innovative Programme in Health Sciences No. F.14-62/2004/(Inno.ASIST) |
| 2006-2007 | University of Pune, UPE scheme |
| 2000-2003 | University Grants Commission |
| 2010-2013 | DST-PURSE project support |
| 2006-2009 | SERC Project, Department of Science and Technology |
| 2000-2003 | SERC Project SP/SO/D-1/00, Department of Science and Technology |
| 1995-1999 | SERC Project SP/SO/D-38/95 Department of Science and Technology |
| 1993-1995 | Young Scientist Project SR/OY/GB- 14/93, Department of Science and Technology |

3. Publications

1. Kar A EPW VOL 46 No. 48 November 26 - December 02, 2011
2. Dharmarajan S et al. (2011) *Haemophilia*, DOI: 10.1111/j.1365-2516.2011.02668.x

3. Doke P P and A Kar (2011) ***Annals of Trop Med and Pub Health*** Volume 4 Issue 2 Jul-Dec 2011
4. Kar A ***Ind. J Comm.Med.*** in press
5. Kar A (2010) ***Haemophilia* 16, 952–954**
6. Mirkazemi R and A Kar (2009) ***Ind J Comm Med.*** 34 (4) 301-305
7. Kulkarni-Shukla S et al (2008) ***J of Genet*** 87 No.3, 235-240
8. Kar A (2007). ***Lancet*** 2007; 370:131-132
9. Kar, A et al ***Haemophilia*** (2007), 13, 398– 404
10. Potnis-Lele M and Kar A (2006) ***J. Genetics Screening and Health*** : 1 25-32
11. Modi-Parekh K et al (2006) ***Ind J Tub*** 53 (2) 69-76
12. Kar A and Chakraborty A K (2005) Epidemiology in Developing countries : The example India.***Ed Ahrens W and Pigeot I : Handbook of Epidemiology, Springer Verlag***
13. Kar A and Potnis Lele M (2004) ***Haemophilia***; 10:301-304.
14. Kar,A and Potnis-Lele,M (2003) ***Int J Epid*** 32: 316-320.
15. Modi-Parekh K and Kar, A (2002) ***Health Adm. , XV*** 1 –2, 106-112.
16. Kar A and Modi-Parkeh K (2002): ***Health Adm. , XV*** 1 –2, 118-123.
17. Potnis-Lele,M and Kar,A (2001): ***Hemophilia*** 7 :561-567
18. Dey-Guha-I and Kar ,A (2001): ***Ind.J.Exptl.Biol***, 39,243-248
19. Lele M and A Kar (2000): ***Ind. J. Prev.Soc.Med.*** 31,3-4
20. Kar ,A, et al (2000) : ***Genet.Res.*** 76,11-17
21. Pal, J.K. and Kar, A. : (1999) Invited review, in **“Recent trends in Developmental Biology Research”**
22. Shukla S., Guha I. and A Kar : (1999) ***Dros.Inf.Ser.*** 82, 73-72
23. Naik, A.H. and Kar, A.(1997) : ***J.Clin.Genet. Tribal Res.***3 50-57
24. Potnis M, JoshiA, Kar (1997) : In **Social problems and development issues of slum women**,ed. R.Tribhuwan, pp 63-69.
25. Kar, A. (1996) : **Indian Science Congress, 3rd to 7th January, 1996.**
26. Kar, A. and Pal, J.K. : (1995) ***J.Genet.,*** 74, 47-59.
27. Rao N.N., Kar A. et al. (1994) In **Phosphate in Microorganisms, Cellular and Molecular Biology.** Ed. A.Torianni-Gorini, E.Yagil and S.Silver. ASM Press, Washington DC.
28. Kar,A. and Pal, J.K. (1993) : ***Dros.Inf. Ser.***72, 123-124.
29. Kar, A. and Mukherjee, A.S. (1993) : ***Ind.J.Exp. Biol.***31, 210-214.
30. Kar Pal A, Rao N.N. and Toriani A. (1990) In **Cold Spring Harbour Symposium on Molecular genetics of bacteria and phages, Proceedings, August 1990, 94-96.**
31. Kar, A. and Mukherjee, A.S. (1986) : ***Ind.J.Exp.Biol.*** 24, 551-556.
32. Dutttagupta A., Kar A. and Duttaroy, A (1984) : ***Dros.Inf.Ser.*** 60, 93-94.

4. Number of Research Students Supervised :

| | |
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| Ph.D (awarded) | 4 (as guide, Health Sciences) |
| | 3 (as Co-Guide, Biochemistry, Biotechnology) |
| Ph.D (ongoing) | 7 |

M.Phil (awarded) 1
M.Sc. dissertations Over 50, from 1995
CSIR Senior Research Fellows 3
Lady Tata Fellow 1

IV. TEACHING :

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| Semester I | *Introduction to public health : concepts and issues |
| Semester II | *Infectious diseases and disease control programmes |
| Semester III | *Human molecular genetics |
| Semester IV | *Genetic basis of disease |

V. Visiting Faculty / Academic consultations

- Visiting Faculty, Tata Institute of Social Sciences, Mumbai, for the Introduction to Public Health Course
- Visiting faculty at the Maharashtra University of Health Sciences, for the Medical Genetics course
- Visiting faculty to the Departments of Biotechnology, Zoology, Botany University of Pune
- Faculty on Genetic Underwriting as a part of Health Care Management course of the National Insurance Academy, Pune
- Consultant and Advisory Panel member for many public health research projects in and around Pune
- Consultant BARC Health Physics division to assess Draft of SOP for demographic and epidemiologic risk assessments around nuclear facilities

VI. ACADEMIC AND SCIENTIFIC COMMITTEE:

- Chairman, Board of Studies in Health Sciences, 2010--
- Member, Board of Studies from 2000
- Member, BOS, Basic Medical Sciences (Univ. of Pune)
- Member, Research and Recognition Committee in Health Sciences
- Member Academic Council and BOS, IIPS, Mumbai
- Member of many Local Enquiry Committees of the University of Pune

Public health curriculum development :

- Invited MPH curriculum review meeting,
- ICMR School of Public Health, at NIE Chennai, July 2006
- Public Health Foundation of India, New Delhi, 2007
- Tata Institute of Social Sciences, Mumbai, 2007
- Manipal University, Manipal

- Indian Institute of Health Management Research Jaipur

Advisory Boards and Committees :

- Participated as member, Advisory Board, Maharashtra State Health Policy 2007
- Executive Committee Member, India Public Health Education Institution Network
- Member, DBT BIRAP Steering Committee 2011
- Member, UGC Expert Committee 2011
- WHO Expert Committee member for development of strategic plan on Birth Defects in SEAR countries Decemer,2011

Ethics committees :

- Member Secretary, University of Pune Ethics Committee
- Member, Maharashtra State Health Systems Resource Centre
- Member, Healix Seksaria Institute of Public Health, Mumbai
- Former Member Ethics Committee, National AIDS Research Institute, Pune (2000-2006)
- Former Member, Ethics Committee for Phase I HIV/AIDS vaccine trial Pune
- Hosted ICMR Workshop on Bioethics, October, 2005

Institutional Biosafety Committee:

- Member, Institutional Biosafety Committee, University of Pune 2000 to present
- Member, Institutional Biosafety Committee, two Biotechnology companies

Women's issues :

- Member, Committee on Rights of Women, University of Pune
- Former member, Committee for establishment of guidelines for Sexual Harassment in the University

Other academic affiliations :

1. Selection committee member for JRFs and TAs
2. Examiner for M.Sc., M.Phil. and Ph.D. thesis of various Universities
3. Resource person for UGC Refresher Courses of various Universities
4. Referee for Research projects submitted to CSIR, DBT and DST
5. Referee of research papers for various scientific journals.
- 6 .Convenor of many national and international seminars

