

“IAP Advisory Committee on Vaccines & Immunization Practices (ACVIP)”.

I submit herein my application to be on the “IAP Advisory Committee on Vaccines & Immunization Practices (ACVIP)” and request you to consider me for the same.



CURRICULUM VITAE

NAME Anuradha BOSE

MARRIED NAME Perakath

NATIONALITY Indian

CURRENT ADDRESS Professor of Paediatrics,
Department of Community Health,
Christian Medical College, Vellore - 632002
India
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ACADEMIC QUALIFICATIONS:

1982	MB, BS	Christian Medical College, Vellore	(Madras University)
1989	DCH	Christian Medical College, Vellore	(Madras University)
1991	MD (Paediatrics)	Madurai Medical College	(M. G. R. University)
1993	MRCP (Paediatrics)	Royal College of Physicians	United Kingdom
2004	MRCPCH	Royal College of Paediatrics and Child Health,	UK
2005	FRCPCH	Royal College of Paediatrics and Child Health,	UK

MEDICAL REGISTRATION

1983	Registered with Tamil Nadu Medical Council, India --MBBS	No. 37279
1993	Permanent Registration General Medical Council, UK:	No.4177436
1991	Registered with Tamil Nadu Medical Council, India-- MD (Paeds)	No 37279

AFFILIATIONS:

- Associate Faculty: Department of International Health,
Bloomberg School of Public Health,
Johns Hopkins University, Baltimore.
- Fellow of Royal College of Paediatrics and Child Health, UK; number:
- Life Member, Indian Academy of Paediatrics No: L/ 1997 / B –479
- National Board of Examinations, Ministry of Health and Family Welfare – 2005 onwards....Resource person for setting questions, preparation of teaching materials, and for inspection of hospital for accreditation, for Paediatrics
- National Board of Examinations, Ministry of Health and Family Welfare- 2006 onwards- Faculty for doing appraisals of candidates.
- Former Regional Representative, South Asia: International Society for Child and Adolescent Injury Prevention (ISCAIP)

REVIEWER:

for

- Lancet
- Archives of Disease in Childhood
- Indian Pediatrics
- Injury prevention
- European Journal of Clinical Nutrition
- Journal of Tropical Paediatrics
- Cochrane Collaboration – Systematic Reviews

EDITORIAL BOARD: Injury Prevention (former)

BMJ Case Series

CONSULTANCIES:

- 2005-** National Level Trainer of Trainers- Integrated Management of Neonatal and Childhood Illness; implementation in border district; Vellore.
- **2007-** WHO consultant for World Report on Child Injury Prevention
- 2008-** Invited member, National Technical Advisory Group on Immunization, Hib Vaccine introduction.
- **2009** – UNICEF consultancy for Sick New Born Care Unit and Malnutrition Treatment Centre . (MTC) in Jharkhand.
- 2009, 2010-**2013 Scientific Advisory Group, Division of Reproductive Health and Nutrition, Indian Council of Medical Research.
- 2010 October---** Indian Academy of Pediatrics, National Consultation on Consensus Guidelines for treatment of Severe Acute Malnutrition

2012 January – Indian Council of Medical Research Committee to investigate Aetiology of Pneumonia in Childhood.

2010 -2012 September--- Organizing Secretary, Advanced Course in Vaccinology in India (INDVAC; <http://indvac.org>)

5 most recent publications:

- 1.. Bose A, Kalita S, Rose W, Tharyan P. Intermittent versus daily therapy for treating tuberculosis in children (Protocol). Cochrane Protocol
2. Rami Subhi, Matthew Adamson, Harry Campbell, Martin Weber, Katherine Smith, Trevor Duke, for the Hypoxaemia in Developing Countries Study Group (Bose A, et al, Department of Community Health, Christian Medical College, Vellore, India) The prevalence of hypoxaemia among ill children in developing countries: a systematic review . Lancet Infect Dis 2009; 9: 219–27 www.thelancet.com/infection Vol 9 April 2009 219 _227
3. Gupta M., Deb AK, , [Bhattacharya SK](#), [Bose A](#), [John J](#), [Balraj V](#), [N.K. Ganguly](#), [Lalit Kant](#), [Nair Kapoor A](#), [Watt J](#), [Shearer J](#), [Mathuram Santosham](#). Multi-center surveillance for pneumonia & meningitis among children for Hib vaccine probe trial preparation in India [Indian Journal of Medical Research, May, 2010](#)
4. Singh AS., Kang G, Ramachandran A, Sarkar R, Peter P, Bose A. Locally Made Ready-to-Use Therapeutic Food for Treatment of Malnutrition: A Randomized controlled Trial Indian Ped 2010; (47) 680-687
- 5.. Thuppal V. Sowmyanarayanan, Sasirekha Ramani, Rajiv Sarkar, Rajesh Arumugam, Jubal P. Warier, Prabhakar D. Moses, Anna Simon, Indira Agarwal, Anuradha Bose, Rashmi Arora, Gagandeep Kang. Severity of rotavirus gastroenteritis in Indian children requiring hospitalization
Vaccine 305 (2012) A167-A172.

Supporting statement:

I am a medical graduate from Christian Medical College (CMC), Vellore, one of the premier medical institutions in India. I am a paediatrician, having completed the first half of my paediatric training (DCH) at CMC, Vellore. I secured a place for my Masters (MD) in the highly competitive All India postgraduate selections at Madurai Medical College also affiliated to Dr. M.G.R. Medical University, Chennai. I completed my MD Paediatrics in 1991. I have cleared the MRCP examinations of the UK, and have an MRCP, followed in 2005 by the award of Fellow of the Royal College of Paediatrics and Child Health.

Since 1997 I have been on the faculty of Christian Medical College, Vellore with a dual appointment in Paediatrics and in Community Health. CMC Vellore is a tertiary level referral teaching hospital, which also serves the local population. I am an academic general paediatrician with a focus on Infectious diseases, having 2 years of secondment at the St Bartholomews and the London NHS Trust in the Infectious Diseases Unit. I became a Professor of Paediatrics in 2005.

The department of Community Health runs a 120 bed secondary level hospital with 19 paediatric and 12 neonatal beds, and I am the paediatrician in charge. My research has focused on areas responsible for high child mortality. These are injury prevention, malnutrition, vaccine preventable diseases and perinatal problems.

The job that I have, with dual appointments in two departments has necessitated a degree of planning and networking in order to optimally utilize the strength of both departments. I have led teams that have conducted large research projects, e.g., the preparatory phase for the *Haemophilus Influenzae B* (HIB) vaccine trial to establish the burden of disease due to pneumonia and meningitis in India. During the course of these projects I have had extensive collaborative relationships with universities, research NGOs, health care service providers, and industry and government departments. I have also had experience in dealing with the regulatory agencies in India such as the Drug Controller General of India (DCGI), the Indian Council of Medical Research (ICMR), and the Department of Biotechnology (DBT).

I am an alumnus of the Advanced Vaccinology Course that is held annually at Annecy in France (ADVAC 2001). I have successfully secured funding for, organized and conducted the first Advanced Vaccinology Course in India (INDVAC). The INDVAC is now in the fourth year of being organized. I have been the Principal investigator on the following vaccine trials: Boostrix, GSK Rota Vaccine, Rabies vaccine trial. And co-investigator on the 116E Rotavirus vaccine efficacy trial.

I have contributed a chapter to an IAP book on Immunization, which is in the process of being compiled. My CV, which is being attached has a list of my publications. I declare that I have no conflict of interest in any way that will interfere with my duties on the Advisory Committee. I declare also that I will do my best to discharge my duties and responsibilities if selected on to the Committee.

Anuradha Bose

Anuradha Bose, MBBS, MD, DCH, MRCP, FRCPC
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Course Director, INDVAC. <http://indvac.org>

Appendix C.

**“DECLARATION OF CONFLICT OF INTERESTS FOR IAP ACVIP
MEMBERS/OFFICE-BEARERS/EXPERTS (2013)”**

Name: Dr Anuradha Bose

Institution: Christian Medical College, Vellore

Email: abose@cmcvellore.ac.in

Date and title of meeting/ work: Application for nomination to IAP Advisory Committee on
Immunization

Description of your role: Professor of Paediatrics, working in Department of Community Health
at Christian Medical College, Vellore

Your current designation (in IAP ACVIP, if any):

FORM A: DECLARATION OF INTERESTS

Please answer each of the questions below. If the answer to any of the questions is "yes", briefly describe the circumstances In FORM B.

The term "you" refers to yourself, your employer and your immediate family members (i.e., spouse (or partner with whom you have a similar close personal relationship) and your minor children). "Commercial entity" includes -- aside from any commercial business -- an industry association, research institution or other enterprise whose funding is significantly derived from commercial sources having an interest related to the subject of the meeting or work. "Meeting" includes a series or cycle of meetings.

1. EMPLOYMENT , CONSULTING and FAVORS

1a **In the year 2012, have you received remuneration from a commercial entity with an interest related to the subject of the meeting or work? Please also report any application or negotiation for future work.** No

1b **In the year 2012, have you received any travel grant from a commercial entity with an interest related to the subject of the meeting or work? Please also report any travel grant or favor in near future from a commercial entity.** No

2. RESEARCH SUPPORT

In the year 2012, have you or your department or research unit received support or funding from a commercial entity or other organization with an interest related to the subject of the meeting or work? Please also report any application or award for future research support.

2a Research support, including grants, collaborations, sponsorships, and other funding

Yes.Funding
from Bill
Gates

2b Non-monetary support valued at more than Rs. 25,000 overall (include equipment, facilities, research assistants, paid travel to meetings, etc.)

No 1

3.

INVESTMENT INTERESTS

Do you have current investments (valued at more than Rs. 1,00,000 overall) in a commercial entity with an interest related to the subject of the meeting or work? Please also include indirect investments such as a trust or holding company.

3a Stocks, bonds, stock options, other securities (e.g., short sales)

1 No 1

3b Commercial business interests (e.g., proprietorships, partnerships, joint ventures)

1 No 1

4. *INTELLECTUAL PROPERTY*

Do you have any current intellectual property rights that might be enhanced or diminished by the outcome of the meeting or work?

4a Patents, trademarks, or copyrights (also include pending applications)

No 1

4b Proprietary know-how in a substance, technology or process

1 No 1

5. *PUBLIC STATEMENTS AND POSITIONS (in 2012)*

5a As part of a regulatory, legislative or judicial process, have you provided an expert opinion or testimony, related to the subject of the meeting or work, for a commercial entity?

No 1

5b Are you holding an office or other position, where you may be expected to represent interests or defend a position related to the subject of the meeting or work?

1 No 1

6. *ADDITIONAL INFORMATION*

6a *If not already disclosed above, have you worked for the competitor of a product which is the subject of the meeting or work, or will your participation in the meeting or work enable you to obtain access to a*

1 No 1

competitor's confidential proprietary information, or create for you a financial or commercial competitive advantage?

- 6b To your knowledge, would the outcome of the meeting or work benefit or adversely affect interests of others with whom you have substantial common personal, financial or professional interests (such as your adult children or siblings, close professional colleagues, administrative unit or department)? No
- 6c Is there any other aspect of your background or present circumstances not addressed above that might be affecting your objectivity or independence? No

FORM B: EXPLANATION OF "YES" RESPONSES:

If the answer to any of the above questions is "yes", check above and briefly describe the circumstances on this page. *If you do not provide, the amount or value of the interest, where requested, it will be assumed to be significant.*

Nos. 1 - 4 Type of interest, question number and category (e.g., Intellectual Property 4.a copyrights) and basic descriptive details.	Name of company, organization, or institution	Belongs to you, a family member, employer, research unit or other?	Amount of income or value of interest (if not disclosed, is assumed to be significant)	Current interest
Research support, including grants, collaborations, sponsorships, and other funding	Yes. Funding from Bill Gates Foundation for Vaccinology course	Christian Medical College, Vellore	USD 100,000	Hoping to organize similar course this year.
Nos. 5-6: Describe the subject, specific circumstances, parties involved, time frame and other relevant details				

(Signature) ABOSM

Date: 26/2/13

Place: Vellore



CURRICULUM VITAE

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MARRIED NAME Perakath

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- Life Member, Indian Academy of Paediatrics No: L/ 1997 / B –479
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- National Board of Examinations, Ministry of Health and Family Welfare- 2006 onwards- Faculty for doing appraisals of candidates.

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- Injury prevention
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- Journal of Tropical Paediatrics
- Cochrane Collaboration – Systematic Reviews

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- **2009** – UNICEF consultancy for Sick New Born Care Unit and Malnutrition Treatment Centre . (MTC) in Jharkhand.

2009, 2010- Scientific Advisory Group, Division of Reproductive Health and Nutrition, Indian Council of Medical Research.

2010 October--- Indian Academy of Pediatrics, National Consultation on Consensus Guidelines for treatment of Severe Acute Malnutrition

2012 January – Indian Council of Medical Research Committee to investigate Aetiology of Pneumonia in Childhood.

2010 -2012 September--- Organizing Secretary, Advanced Course in Vaccinology in India (INDVAC; <http://indvac.org>)

CO-CURRICULAR:

2003- date: Co-ordinator of the International Award for Young People (Duke of Edinburgh Award for India) for Vellore: Special Project among underprivileged children.

2003- 2011: Member, District Advisory Committee for the supervision of the Remand Homes, Vellore District.

2003-2010: Advisory Board, Student Partnership Worldwide: an NGO working to empower adolescents

2003: National level trainer for Integrated Management of Neonatal and Childhood Illnesses (IMNCI).

2004: Co-ordinator, IMNCI training (Integrated management of Neonatal and Childhood Illnesses), Vellore District.

2007- Erasmus Mundus scholar to teach on the Masters of International Health in Western Europe, under the aegis of the Trop-Ed consortium. Host University: University of Copenhagen. (+ Amsterdam Tropical Institute; and University College, London)

TEACHING AND CLINICAL EXPERIENCE:

Designation	Department	Name of Institution	From DD/MM/YY	To DD/MM/YY	Total Experience in years & months
Professor	Paediatrics & Com. Health	CMC, Vellore	02 / 01 / 2006	To date	6 years
Associate Professor	Paediatrics & Com Health	CMC, Vellore	02 / 01 / 2002	01 / 01 / 2006	4 years
Research Fellow (seconded to)	Academic dept. of Child Health (Infectious Diseases Unit)	St. Bartholomews and the London Trust, UK	June 2000	May 2002	2 years
Assistant Professor	Paediatrics	CMC, Vellore	02 / 01 / 1997	01 / 01 / 2002	5 years
Registrar/Sr.Resident/Resident	Paediatrics	CMC Vellore	Mar 1987 Sep. 1989	May 1989 Sep. 1991	2 years 2 years
Tutor/Demonstrator	Paediatrics	CMC, Vellore	June 1989	Aug. 1989	3 months
Casualty Medical Officer	Paediatrics	CMC, Vellore	1986 February	1987 February	1 y ear
Tutor/Demonstrator	Physiology	CMC, Vellore	1985	1986	8 months

Before joining present institution I was working at **Private Practice** from 1994 to 1996 and was in England for three years from October 1991 to August 1994 where I completed the Membership exams.)Between 2000 and 2002, the post of Research Fellow was funded by a private sector NHS partnership, under which I worked one day a week at Harley Street Clinic at London where I was part of a 5 member team which provided inpatient care for children undergoing cardiothoracic surgery by Prof Sit Magdi Yacoub and Prof Marc de Leval.

Publications: 5 most recent

- 1.. Bose A, Kalita S, Rose W, Tharyan P. Intermittent versus daily therapy for treating tuberculosis in children (Protocol). Cochrane Protocol
2. Rami Subhi, Matthew Adamson, Harry Campbell, Martin Weber, Katherine Smith, Trevor Duke, for the Hypoxaemia in Developing Countries Study Group (Bose A, et al, Department of Community Health, Christian Medical College, Vellore, IndiaThe prevalence of hypoxaemia among ill children in developing countries: a systematic review . Lancet Infect Dis 2009; 9: 219–27
www.thelancet.com/infection Vol 9 April 2009 219 _227
- 3_ Gupta M., Deb AK, , Bhattacharya SK, Bose A, John J, Balraj V, N.K. Ganguly, Lalit Kant, Nair Kapoor A, Watt J, Shearer J, Mathuram Santosham. Multi-center surveillance for pneumonia & meningitis among children for Hib vaccine probe trial preparation in India Indian Journal of Medical Research, May, 2010
4. Singh AS., Kang G, Ramachandran A, Sarkar R, Peter P, Bose A. Locally Made Ready-to-Use Therapeutic Food for Treatment of Malnutrition: A Randomized controlled Trial Indian Ped 2010; (47) 680-687
- 5.. Thuppal V. Sowmyanarayanan, Sasirekha Ramani, Rajiv Sarkar, Rajesh Arumugam, Jubal P. Warier, Prabhakar D. Moses, Anna Simon, Indira Agarwal, Anuradha Bose, Rashmi Arora, Gagandeep Kang. Severity of rotavirus gastroenteritis in Indian children requiring hospitalization Vaccine 305 (2012) A167-A172.