

## Curriculum Vitae

### Dr. Raja Chakraborty

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Department of Anthropology,  
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Bidhanpally  
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#### Education:

- i) **Ph.D.** in ANTHROPOLOGY from Vidyasagar University, Midnapore, West Bengal, in 2011. Title of the Thesis: Nutritional status of Bengalee adult males in Bidhan Colony: an urban slum in Dum Dum, West Bengal.
- ii) **M.Sc.** in ANTHROPOLOGY from the University of Calcutta in 1997 with specialization in Physical Anthropology.
- iii) **B.Sc.** (Honours) in ANTHROPOLOGY from the University of Calcutta in 1995.

#### Teaching Experience:

Teaching in the Department of Anthropology, Dinabandhu Mahavidyalaya, Bongaon since 01.10.1001.

**Research Area:** Population health and nutritional status,

**Fields of Interest:** Human biology, adaptation, public health.

#### Awards and Fellowship:

1. Awarded Visiting Scientist Fellowship jointly by the Indian National Science Academy (INSA) and Polish Academy of Science (PAS) to visit PAS Anthropology Unit in Wroclaw, Poland for three months in 2015.
2. Awarded a travel grant by the Auxological Society, Germany, to visit its office at Ashauhof, Altenhof, for academic discussion, during October 2015.
3. Awarded National Merit Scholarship through the University of Calcutta for securing the First position in B.Sc. (Honours) Examination in Anthropology, 1995.

#### Publications:

##### Book:

Kaushik Bose and **Raja Chakraborty** (Editors). *Health Consequences of Human Central Obesity*. New York: Nova Science Publishers, Inc. 2014. (ISBN 978-1-633-21-152-0)

## Articles published in journals

1. Kociuba M, Koziel S, **Chakraborty R\***. Sex differences in digit ratio (2D:4D) among military and civil cohorts at a military academy in Wrocław, Poland. *Journal of Biosocial Science* (In Press).
2. **Chakraborty R\***, Mukherjee T, Jana S, Koziel S, Boryslawski K, Bose K. Association of second to fourth digit length ratio (2D:4D) with some anthropometric measurements: a comparison between Polish and Indian young adults aged 18-25 years. *Human Biology Review* 2014; 3(4): 315-326.
3. **Chakraborty R**, Bose K. Defining malnutrition in India: how much is too little, how much is too much? *Current Science* 2014; 106(5): 670-672.
4. Biswas S, Koziel S, **Chakraborty R\***, Bose K. Impact of household room-sharing and sibling composition on attainment of menarche among rural Bengalee girls of West Bengal, India. *Human Biology* 2013; 85(4):607-617.
5. Koziel S, **Chakraborty R**, Sitek A. Second to fourth digits ratio (2D:4D) and subjective pain experience in tattooing. *Anthropological Review* 2013;76(1):117-124.
6. Bhadra M, Mukhopadhyay A, Chakraborty R\*, Bose K, Koziel S, Ulijaszek S. Variation in relative fat distribution and menarcheal status of Bengalee Hindu girls of North 24 Parganas, West Bengal, India. *J Nat Sci Biol Med* 2013; 4:369-373.
7. De K, Das S, Bose K, **Chakraborty R\***. Nutritional status of rural Bengalee girls aged 10-18 years of Salboni, Paschim Medinipur, WestBengal, India. *Asian Journal of Biological and Life Sciences* 2013; 2(1): 68-72.
8. **Chakraborty R**, Bose K. Comparison of body adiposity indices in predicting blood pressure and hypertension among slum-dwelling men in Kolkata, India. *Malaysian Journal of Nutrition* 2012; 18 (3): 319- 32.
9. **Chakraborty R**, Bose K, Koziel S. Waist circumference in determining obesity and hypertension among 18-60 years old Bengalee Hindu male slum dwellers in Eastern India. *Annals of Human Biology* 2011; 38(6): 669–675.
10. **Chakraborty R**, Bose K, Koziel S. Use of Mid-upper arm circumference in determining undernutrition and illness in rural adult Oraon men of Gumla District, Jharkhand, India. *Rural and Remote Health* 2011; 11: 1754 (online). Available at: <http://www.rrh.org.au>.
11. **Chakraborty R**, Bose K, Koziel S. Use of waist circumference and its optimal value to identify obesity in relation to hypertension: a cross-sectional study among adult male slum dwellers of Eastern India. *Italian Journal of Public Health* 2011;8(2):137-148.

12. Biswas S, Bose K, Bisai S, **Chakraborty R**. Prevalence of thinness among rural Bengalee pre-school children in Chapra, Nadia District, West Bengal, India. *Malaysian Journal of Nutrition* **2009**;15(2): 155-194.
13. **Chakraborty R**, Bose K. Very high prevalence of thinness using new international body mass index cut off points among 5-10 year old school children of Nandigram, West Bengal, India. *Journal of Research in Medical Sciences* **2009**; 14 (2):129-33.
14. **Chakraborty R**, Bose K, Ulijaszek SJ. Income Level and Food Intake Patterns among Male Bengalee Slum Dwellers in Kolkata, India. *Malaysian Journal of Nutrition* **2009**; 15(1): 19-25.
15. **Chakraborty R**, Bose K, Bisai S, Khongsdier R. Body mass index and body fat among adult Bengalee male slum dwellers in West Bengal, India. *Obesity Research and Clinical Practice* **2009**; 3:141-8.
16. **Chakraborty R**, Bose K, Bisai S. Body mass index and blood pressure among adult Bengalee male slum dwellers of Kolkata, India. *Journal of Public Health* **2009**;17:301-08.
17. **Chakraborty R**, Bose K, Bisai S. Relationship of family income and house type to body mass index and chronic energy deficiency among urban Bengalee male slum dwellers of Kolkata, India. *Homo: Journal of Comparative Human Biology* **2009**; 60(1), 45-57.
18. **Chakraborty R**, Bose K, Bisai S. Mid-upper arm circumference as a measure of nutritional status among the adult Bengalee male slum dwellers of Kolkata, India: relationships with self reported morbidity. *Anthropologischer Anzeiger* **2009**; 67 (2): 129-37.
19. **Chakraborty R**, Bose K. Central Adiposity, Body Mass Index and Percent Body Fat among Bengalee Hindu Male Slum Dwellers of Dum Dum, West Bengal, India. *The Open Obesity Journal* **2009**;1: 32-37.
20. **Ckkraborty R**, Bose K. Anthropometric characteristics and nutritional status of adult Oraon men of Gumla District, Jharkhand, India. *The Internet Journal of Biological Anthropology* **2008**; 2(1).
21. **Chakraborty R**, Bose K. Central adiposity measures of Bengalee male slum dwellers. *International Journal of Body Composition Research* **2008**;6(3): 122–126.
22. **Chakraborty R**, Bose K, Bisai S. Body mass index and chronic energy deficiency among urban Indian male slum dwellers of Indian, India: relationship with family income. *International Journal of Anthropology* **2006**; 21: 209–215.
23. **Chakraborty R**, Mukhopadhyay A, Bose K. Age and sex variation in some anthropometric parameters with reference to Undernutrition in rural Bengalee primary school children of East Midnapore district, West Bengal. *Journal of Indian Anthropological Society* **2006**; 42 (2): 177-182.

## Book Chapters

1. **Chakraborty R**, Mistri A. Anthropometry and undernutrition among the adult Bengalee males in a slum in Eastern India: a comparative assessment. In: Bose K (Editor): Human Undernutrition: dual burden of under- and overnutrition. 2012. New York: NOVA Science Pub. (ISBN: 978-1-62417-043-0)
2. **Chakraborty R**, Bose K, Bisai S. Use of Mid-upper arm circumference as a measure of nutritional status and its relationships with self reported morbidity among the adult Bengalee male slum dwellers of Kolkata, India. In: S J Ellsworth, R C Schuster (Eds). *Appetite and Nutritional Assessment*. New York: NOVA Science Pub Inc. 2009; pp 377-385. (ISBN: 978-1-60741-085-0)  
  
[The above article was also published in: Jacob K. Levine (Editor). Low Incomes: Social, Health and Educational Impacts. New York: NOVA Science Pub Inc. 2009; pp 207-215.](ISBN: 978-1-60741-175-8)
3. Bose K, Bhunia D, Paul G, Mukhopadhyay A, **Chakraborty R**. age and sex variations in undernutrition of rural Bengalee primary school children of East Midnapore district, West Bengal, India. *Journal of Human Ecology* (Special Issue on: *Ecology, Culture, Nutrition, Health and Disease*; Ed by K Bose) **2006**; 14:71-75.
4. Datta Banik S, **Chakraborty R**. Culture contact of Santals with Hindu castes in two different social environments. In the In: *Sustainable Development and Environment*. (Eds: A.K. De; A.K. Mitra; N.C Datta and T.R.C. Sinha) Cosmo Pub. New Delhi. 1998, pp. 479 – 483.

## Lectures delivered and Papers presented in conferences:

1. Presented a paper entitled '**Education Humanism and health: a bio-anthropological observation**' in the UGC Sponsored **State Level Seminar on Education for Humanism: Issues and Challenges** held at Dinabandhu Mahavidyalaya, Bongaon, West Bengal, India, on 28 September 2012.
2. Delivered an **invited lecture** on '**Bhutias of Sikkim: in Anthropological eyes**' in a seminar on Anthropologists and Film Makers View Sikkim at the Department of Anthropology, Vidyasagar University, Midnapore, West Bengal, India on 28-29 August 2012.
3. Presented a paper entitled '**Anthropometric and nutritional status among male urban slum dwellers near Kolkata, West Bengal, India**' in the UGC sponsored **National Seminar on Diversity, Social Exclusion, Backwardness and Development** at Department of Anthropology, Calcutta University, Kolkata, India.

4. Presented a paper entitled '**Anthropometry and socio-economic status of male slum dwellers, in an urban set up**' in the Golden Jubilee National Seminar of the **Indian Anthropological Society**, held at Ranchi, Jharkhand, India.
5. Delivered an invited lecture on '**Origin of Man**' at Chandpara Bani Vidya Bithi High School, Chandpara, West Bengal, on 14 August 2010.
6. Presented a **Poster-paper** entitled '**Prevalence of overweight.....West Bengal**' in the 93<sup>rd</sup> **Indian Science Congress** held at Acharya N G Ranga Agricultural University, Hyderabad, between 03 and 07 January, 2006.
7. Presented a paper entitled '**The new burden of urban diseases in India: what Anthropologists can do here?**' at the **Inter-Congress of International Union of Anthropological and Ethnological Sciences (IUAES)** held at Calcutta University between 12 and 15 December, 2004.
8. Presented a paper entitled '**Age and sex variation in undernutrition of rural Bengalee primary schoolchildren of East Midnapore District, West Bengal, India**' in the 37<sup>th</sup> **Annual Conference of Indian Anthropological Society** held at New Digha, East Midnapore district, West Bengal, India, between 27 and 29 March, 2005.
9. Presented a paper, jointly with S. Datta Banik, entitled 'Culture contact of Santals with some Hindu castes in two different social environments' in **The XI th Annual International Conference of National Environmental Science Academy** held at Lady Brabourne College, Calcutta, between 17 and 17 March, 1996.

### **Membership:**

Member of Gesellschaft Fur Auxologie (Auxological Society), Germany.

### **Research Collaborations:**

1. Professor Stanley Ulijaszek, University of **Oxford, UK** (during 2009, 2012).  
E-mail: [stanley.ulijaszek@anthro.ox.ac.uk](mailto:stanley.ulijaszek@anthro.ox.ac.uk)
2. Dr. Slawomir Koziel, Director and Associate Professor, Institute of Anthropology, Polish Academy of Sciences, **Poland**. (Continuing). E-mail: [slawek@antro.pan.wroc.pl](mailto:slawek@antro.pan.wroc.pl)
3. Dr Kaushik Bose, Associate Professor, Department of Anthropology, Vidyasagar University, Midnapore, **West Bengal, India** (Continuing). E-mail: [kaushikbose@cantab.net](mailto:kaushikbose@cantab.net)
4. Tribal research and Training Centre (N.G.O.), Chaibasa, **Jharkhand, India**. (Continuing)

### **Research Consultancy:**

Acted as Honorary Research Consultant for **Terra des hommes Foundation, Kolkata**, (an international NGO) in 2014-15.

**Peer reviewer/referee in Journals:**

- i. American Journal of Human Biology (US)
- ii. Annals of Human Biology (UK)
- iii. Human Biology (UK)
- iv. Rural and Remote Health (USA)
- v. Homo: Journal of Comparative human Biology (Germany)
- vi. Anthropological Review (Poland)
- vii. Malaysian Journal of Nutrition (Malaysia)
- viii. Journal of Anthropology (Egypt and USA)
- ix. International journal of Sociology and Social Policy (India)
- x. Int. J. Educational Policy Research and Review
- xi. BMC Paediatrics (USA)

**Research projects undertaken:**

1. 'Minor Research Project' entitled 'Nutritional status and body composition among the male slum-dwellers' funded by UGC (grant no. F.PSW-054/03-04 (ERO) in 2004-06, as the Principal Investigator.
2. 'Minor Research Project' funded by UGC (grant no. F.PHW-066/11-12 (ERO) entitled 'Nutritional status and health among urban Bengalee Hindu females in West Bengal' in 2010-12 as the co-investigator with Ms. Arpita Mistri, Asstt. Professor of Anthropology, N. D. College, Howrah, West Bengal.
3. Undertook a project on Sexual dimorphism of changes of craniofacial dimensions during adolescence under Wroclaw Growth Study in Polish Academy of Science, Poland, during August – October 2015.

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