

CURRICULUM VITAE - D. C. RAO

1. Personal Information:

Sex: Male
 Date of Birth: 6 April 1946
 Place of Birth: Santhabommali, Andhra Pradesh, India

2. Citizenship: USA

3. Address and Telephone Numbers:

Division of Biostatistics
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4. Present Position: Professor and Director, Division of Biostatistics

5. Education:

Indian Statistical Institute Calcutta, India	B. Stat.	1967	Statistics, mathematics, botany, zoology, biochemistry, chemistry, physics, geology, economics, and genetics
Indian Statistical Institute Calcutta, India	M. Stat.	1968	Several courses on human genetics and probability. Specialized in advanced probability and mathematical genetics
Indian Statistical Institute Calcutta, India	Ph.D.	1971	Thesis: A Statistical Study of Tongue Pigmentation in Man (Supervisor: Dr. C.R. Rao)

6. Academic Positions/Employment:

1971-1972	Post-doctoral Fellow, Department of Probability and Statistics, University of Sheffield, England
1972-1978	Assistant Geneticist (Assistant Professor), Population Genetics Laboratory, University of Hawaii, Honolulu
1978-1980	Associate Geneticist (Associate Professor), Population Genetics Laboratory, University of Hawaii, Honolulu

1980-1982 Associate Professor and Director, Division of Biostatistics,
Department of Preventive Medicine;
Associate Professor, Departments of Psychiatry and Genetics;
Adjunct Associate Professor, Department of Mathematics, Washington University, St.
Louis, Missouri

1982-present Professor and Director, Division of Biostatistics;
Professor, Departments of Psychiatry and Genetics; Washington University School
of Medicine, St. Louis, Missouri;
Adjunct Professor, Department of Mathematics, Washington University,
St. Louis, Missouri

7. Other Experience:

- (a) Acting Director, Population Genetics Laboratory, University of Hawaii, Honolulu, on numerous occasions during 1972-80.
- (b) Director, Division of Biostatistics, Washington University, St. Louis, MO, 1980 - present
- (d) President, International Genetic Epidemiology Society (IGES), 1996; (President-Elect, 1995; Past-President, 1997).

8. Awards/ Recognition

- (a) "Most Admired Man of the Decade" Award from the American Biographical Institute, 1992.
- (b) TANA Award for "Outstanding Achievements in Science" (Telugu Association of North America), 1993.
- (c) "Five Hundred Leaders of Influence", a biographic compilation by the American Biographical Institute, 1996.
- (d) "IGES Leadership Award" from the International Genetic Epidemiology Society (IGES), 1997.
- (e) "Who's Who in Medicine and Healthcare, ABI, 1998.
- (f) "Champion of Public Health", Awarded by the School of Public Health and Tropical Medicine, Tulane University, New Orleans, 2005.
- (g) Fellow, American Association for the Advancement of Science (AAAS), 2012
- (h) Fellow, American Statistical Association (ASA), 2013

9. Editorships/ Editorial Boards

- (a) Founding Editor-in-Chief, *GENETIC EPIDEMIOLOGY* (a bimonthly journal published by Wiley-Liss 1984-1991). Official Journal of the International Genetic Epidemiology Society (IGES).
- (b) Editorial Board (Genetics), *OBESITY RESEARCH* (1995-present).
- (c) Editorial Board, *HUMAN BIOLOGY* (1993-1995).
- (d) Editorial Board, *ANNALS OF EPIDEMIOLOGY* (1995-2013).
- (e) Editorial Board, *HUMAN HEREDITY* (1997-2005).
- (f) Editorial board, *INTERNATIONAL JOURNAL OF HUMAN GENETICS*, (2001 – present).

10. Memberships/Fellowships:

- (a) Member and Fellow of the American Association for the Advancement of Science
- (b) Member of the Biometric Society
- (c) Member and Fellow of the American Statistical Association
- (d) Member of the Society for Epidemiological Research
- (e) Life member of the American Society of Human Genetics
- (f) Life member of the Indian Society of Human Genetics
- (g) Founding member of the International Genetic Epidemiology Society.

11. Teaching/Training Experience

- a) 2002 – 2011 Course master for “Independent Study” in Genetic Epidemiology
Course master for “Independent Research” in Genetic Epidemiology
- b) 2002 – Present Program Director, Genetic Epidemiology
Masters of Science (GEMS) Training Program
- c) 2004 – 2010 Co-Program Director, Pre-doctoral training in
“Human and Statistical Genetics” (HSG)
- d) 2006 – Present Program Director, Summer Institute Program to Increase Diversity
(SIPID/PRIDE) (Sponsored by NHLBI): “Genetic Epidemiology” with a
focus on Cardiovascular and other Heart, Lung, Blood, and Sleep Disorders
- e) 2008 – 2010 Director, Pre-Doctoral Training in Human Genetic Epidemiology (T32)
- f) 2008 – Present Program Director, Post-Doctoral Training in Genetic Epidemiology (T32)
- g) 2011 – Present Program Director, Master of Science in Biostatistics (MSIBS) Training
Program
- h) **Trainees** 24 graduate students, 7 post-docs, and 11 junior faculty (as of 05/27/2014)

Trainee Name	Training Program	Dates of Training	Res Proj	Current Position
Wick Williams	Ph.D.	1976-1980	Genetic Epidemiology	Deceased (last position was at the M.D. Anderson Hospital, Houston)
Van Eerdewegh, Paul	Ph.D.	1980-1982	Structural Equation Models	Director of Statistical Genetics, Genome Therapeutics Corp.
Province, Michael	Ph.D.	1980-1987	Temporal Trends	Professor of Genetics, Director, Division of Statistical Genomics,

				Washington University School of Medicine
Byard, Pamela J.	Post-doc	1981-1982	Genetics of Ped. Disorders	Last known position: Asst. Professor of Pediatrics, Ohio State University
McGue, Matt	Post-doc	1981-1984	Genetic Epidemiology	Professor, University of Minnesota
Borecki, Ingrid	Post-doc	1983-1986	Genetic Epidemiology	Professor, Co-Director, Division of Statistical Genomics, Washington University School of Medicine; Regeneron (starting August 2015)
Gilligan, Sheila	Ph.D.	1984-1988	Genetics of Alcoholism	Faculty member at Sturgis Charter School, Hyannis, MA
Lobos, Elizabeth	Ph.D.	1984-1994	Lineage Disequilibrium	Last known position: Senior Scientist, Washington University School of Medicine
Vogler, George P	Post-doc	1985-1987	Multivariate Path Analysis	Scientific Review Officer, Center for Scientific Review/NIH; Adjunct Professor, Pennsylvania State University
Silverman, Edwin K.	Ph.D.	1987-1995	Genetics of COPD	Prof. of Medicine, Harvard Medical School, Assoc. Physician, Brigham & Women's Hospital
Mitchell, Laura E.	Jr. Faculty	1991-1995	Genetic Epidemiology	Professor-Human Genetics & Environmental Sciences and Associate Dean for Research, Texas A&M University
Feitosa, Mary	Post-doc	1992-1994 1997-1999	Genetic Epidemiology	Research Assoc. Professor-Genetics, Washington University School of Medicine
Olson, P.	Ph.D.	1994	Phenotypic Plasticity and Ontogenetic Variation.	Last known position: Pioneer Hybrid, Des Moines, Iowa
Todorov,	Jr. Faculty	1994-1997	Genetic Epidemiology	Research Professor-

Alexandre				Psychiatry, Washington University School of Medicine
Gu, C. Charles	Jr. Faculty	1995-1998	Genetic Epidemiology	Associate Professor, Washington University School of Medicine
An, Ping	Jr. Faculty	1997-2000	Genetic Epidemiology	Research Asst. Professor, Washington University School of Medicine
Hong, Yuling	Jr. Faculty	1997-2001	Genetic Epidemiology	Director, Epidemiology and Research Services, American Heart Association.he left that a few years back? Is he back at AHA?
Corbett, Jonathan	Jr. Faculty	2002-2003	Genetic Epidemiology	Adjunct Instructor, University College Instruction and Research, Washington University
Wu, Jun	GEMS/M.S.	2003-2004	Genetic Epidemiology	Last known position: Research Statistician, Washington University (currently in California)
Ehrich, Thomas H.	Ph.D.	2000-2004	Genetics of Dietary Obesity	Consulting Patent Attorney at Cambia, St. Louis
Kraja, Aldi	Jr. Faculty	1999-2005	Genetic Epidemiology	Research Associate Professor, Washington University School of Medicine
Yu, Kai	Jr. Faculty	2003-2005	Genetic Epidemiology	Senior Investigator, National Cancer Institute/NIH. (Kai rcvd. the NIH merit award in 2009.)
Howell, Seth Andrew.	Ph.D.	2002-2004	Mathematics	Senior Data Analyst at Ayasdi, Pala Alto, CA.
Flores, Hubert.	GEMS/M.S.	2005-2006	Genetic Epidemiology	Statistical Data Analyst, Cardiology Div., Dept. of Medicine, Washington University School of Medicine

de las Fuentes, Lisa	GEMS/M.S.	2006-2008	Genetic Epidemiology	Assoc. Professor. of Medicine and Biostatistics, Washington University School of Medicine
Ross, Jerlinda G.C.	GEMS MS	2005-2006	Genetic Epidemiology	Medical Residency Program (ObGyn) at Indiana University School of Medicine
Kenney-Hunt, Jane P.	Ph.D.	2006-2007	Genetics	Asst. Professor of Biology, Westminster College, Fulton, MO
Kishore Kumar, B.	Ph.D.	2004-2006	Clinical Trials	Last known: University of Madras, India
Crosswhite, Michael	GEMS/M.S.	2005-2008	Genetic Epidemiology	Last known position: Private Industry, California
Huang, Pin-Chia (Anyu)	GEMS M.S.	2006-2007	Genetic Epidemiology	Last known: Tapei, Taiwan
Zhou, Jia	GEMS/M.S.	2006-2007	Genetic imprinting in obesity	Graduate of HSG PhD Program, Washington University School of Medicine
Park, Yong-Moon	GEMS/M.S.	2007-2009	Gene Networks and Inflammatory markers for Metabolic Syndrome	Associate Professor, Dept. of Preventive Medicine, Catholic University of Korea
Sung, Yun Ju	Jr Faculty	2006-Present	Statistical genetics	Associate Professor, Washington University School of Medicine
Shi, Gang	Jr Faculty	2006-2011	Statistical genetics	Associate Professor, Xidian University, Xi'an, Shaanxi, China
Norgard, Eliz	Ph.D.	2007-2010	Genetic Architecture and Developmental Bases for Long Bone Length QTL in Mice" (committee member)	Last known position: Lab Instructor, Colby College, Maine
Kume, Rezart	GEMS/M.S.	2008-2009	Genetic Epidemiology	Digital Marketing Analyst at Sigma-Aldrich, St. Louis, MO
Simino, Jeannette	Post-doc Junior Faculty	2009-2012 2012-2014	Genetic Epidemiology	Biostatistician, Univ. of Mississippi Medical Center, Jackson, MI
Winston Honold,	Ph.D./HSG	2006-2010	Genetic Modifiers of	Pipeline Decision

Julia			Congenital Heart Disease (committee member)	Analytics Lead, Monsanto Co. St. Louis MO
Kalathiveeti, Sonia	GEMS	2011-12	Genetic Epidemiology	Has applied to Medical School; currently Clinical Research Coordinator, Oncology Div., Dept. of Medicine, Washington University School of Medicine
Basson, Jacob	Ph.D.	2010 – 2013	Genetic Dissection of Blood Pressure	AAAS Fellow with NIGMS
Basson, Jacob	Post-Doc	2013-2015	Genetic Epidemiology	AAAS Fellow, NIH-National Institute of General Medical Sciences-Office of Program Planning, Analysis and Evaluation (NIGMS-OPAE), Bethesda, MD
Basson, Jacob	AAAS Science and Technology Policy Fellowship	2015 - present		

12. Research Grants as PI:

a. Current

1. Principal Investigator: R01 HL118305: “A Multi-Ethnic Study of Gene-Lifestyle Interactions in Cardiovascular Traits”, 01/15/2014 – 12/31/2017, Current year DC \$1,525,284, NIH/NHLBI Grant.
2. Principal Investigator: R01HL111249: “Rare Variants for Hypertension in Taiwan Chinese”, 7/1/2012-6/30/2016, Current year DC \$698,261, NIH/NHLBI Grant.
3. Principal Investigator: R01 HL107552: “Gene-Environment Interactions in the Longitudinal Framingham Heart Study”, 08/1/11-03/31/2015 (NCE), Current year DC \$225,000, NIH/NHLBI Grant.
4. Principal Investigator, R25 HL105400, “PRIDE Summer Institute in Cardiovascular Genetic Epidemiology”, 09/20/10-07/31/14, Current year DC \$322,649, NIH/NHLBI.
5. Principal Investigator, T32 HL091823, “Post-Doctoral Research Training in Genetic Epidemiology”, 9/15/2008-8/31/2018, Current year DC \$248,632, NIH Grant
6. Principal Investigator (Subcontract): R01 HL090668: “Initiating Factor for Hypertension”, 07/1/09-06/30/14 (NCE), Current year DC \$57,964, University of Utah (Renal Grant).

7. Principal Investigator (Subcontract), R01 HL086694, “Genome-Wide Association Analysis in Essential Hypertension”, 12/01/06-05/31/14 (NCE), Current year DC \$65,789, Johns Hopkins University, NIH Grant.
8. Principal Investigator (Subcontract), R01 HL055673, “HyperGEN: Genetics of Left Ventricular Hypertrophy”, 8/10/1996 - 4/30/2017, Current year DC \$42,452, University of Alabama at Birmingham, NIH Grant.

b. Recent Past Support

Principal Investigator (Subcontract), R01 HL 86718, “Fine Mapping of Hypertension Genes Detected by Admixture in the FBPP”, 07/1/07-06/30/13, Current year DC \$21,249, Case Western University, NIH Grant.

Principal Investigator, R21 HL095054, “Exploring a New Direction to Gene Discovery for Hypertension in the Large FBPP”, 09/30/09-07/31/11, Final year DC \$100,000, NIH/NHLBI grant (ARRA).

Principal Investigator, R01 HL094286, “Development of Data Ontologies for Integrating Multi-Center Cardiovascular Studies”, 07/1/09-06/30/11, Final year DC \$488,000, NIH/NHLBI grant (ARRA).

Principal Investigator (Subcontract), R01 HL090682, “Family-Based Genome-Wide Association Study for Salt-Sensitivity of Blood Pressure”, 09/15/08-07/31/12, Final year DC \$147,792, Tulane University, NIH Grant.

Principal Investigator, R25 HL085040, “Genetic Epidemiology of Cardiovascular Disease and Risk Factors”, 08/1/06-06/30/10, Final Year DC \$239,339, NIH/NHLBI Grant.

Principal Investigator (Subcontract), U01 HL72507, “Genetic Epidemiology of Blood Pressure Intervention”, 09/30/02-05/31/09, Final year DC \$86,274, NIH/Tulane University Grant.

Principal Investigator, “The Genetics of Obesity and its Comorbidity: The Québec Family Study,” 10/01/98-09/30/03, Total subcontract \$39,295, Medical Research Council of Canada/Laval University Grant.

Principal Investigator (Subcontract), R01 HL055673, “HyperGEN: Genetics of Left Ventricular Hypertrophy”, 08/10/96-06/30/11, Final year DC \$71,145, NIH/University of Alabama Grant.

Core Director, Biostatistical Consultation Facility (Core), P30 MH31302, “CRC on Epidemiological Genetics and Family Studies”, (C.R. Cloninger, CRC PI), 08/01/96-07/31/01, Total DC for the CRC, \$3,151,609, NIMH Grant.

Principal Investigator, U01 HL54473 “The Family Blood Pressure Program (Program Data Center)”, 09/05/95-08/31/09, Final Year DC \$432,319, NIH/NHLBI Grant.

Principal Investigator, R01 HL47317, “HERITAGE: Genetics, Exercise & Risk Factors.” 07/01/92-08/31/06, Final Year DC \$280,264, NIH Grant.

Principal Investigator (Subcontract), R01 HL045670, “HERITAGE Family Study Phase 4”, 09/01/06-01/31/11, Final year DC \$138,386, NIH/Louisiana State University Grant.

Principal Investigator, “Family and Genetic Studies of Cardiovascular Disease-Coordinating Center,” 05/01/92-04/30/96, Total DC, \$1,368,281, NIH Grant.

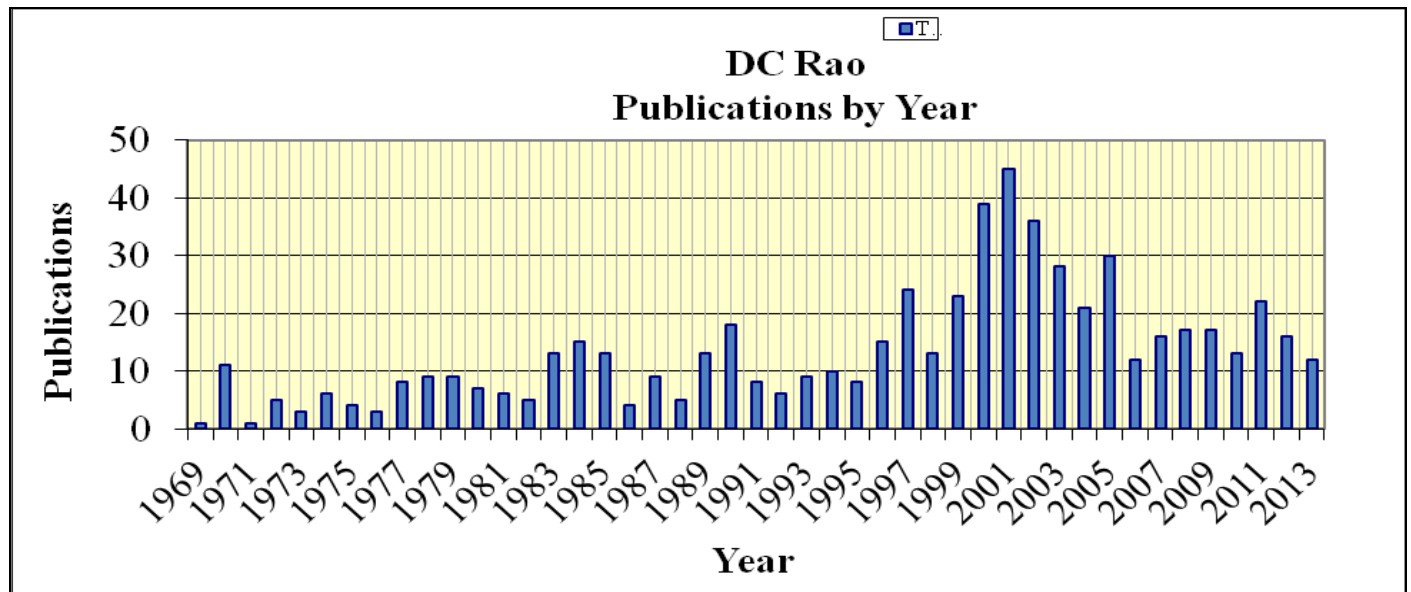
Principal Investigator: R01GM28719: “A Research Project in Genetic Epidemiology”, 07/01/1978-08/31/2009, Final year DC \$170,673, NIH/NIGMS Grant.

13. Bibliography

BOOKS

- i. Keats BJB, Morton NE, Rao DC and Williams WR. A Source Book for Linkage in Man, Johns Hopkins University Press, Baltimore. 1979. (Citation # 58 in the list of publications below)
- ii. Morton NE, Rao DC and Lalouel JM. Methods in Genetic Epidemiology, S. Karger, New York. 1983. (Citation # 85 in the list of publications below)
- iii. Rao DC, Elston RC, Kuller LH, Feinleib M, Carter C and Havlik R. (eds.).Genetic Epidemiology of Coronary Heart Disease: Past, Present, and Future, Alan R. Liss, Inc., New York. 1984. (Citation # 95 in the list of publications below)
- iv. Rao DC and Province MA. (eds.) Genetic Dissection of Complex Traits, Academic Press, San Diego, CA. 2001. (Citation # 330 in the list of publications below)
- v. Rao CR, Miller JP, Rao DC. (eds) Epidemiology and Medical Statistics, Elsevier Inc., Amsterdam, The Netherlands. 2008. (Citation # 520 in the list of publications below)
- vi. Rao DC and C. Charles Gu. (eds) Genetic Dissection of Complex Traits (2nd Edition), Elsevier, Inc., New York, New York. 2008. (Citation # 526 in the list of publications below)

a) Published or in press



1. **Rao DC.** Tongue pigmentation in man: A new genetic trait. Current Science (Bangalore, India). 39:161-162, 1969.
2. **Rao DC.** Tongue pigmentation in man. Human Heredity 20:8-12, 1970.
3. **Rao DC.** Genetics of tongue pigmentation in man. Human Heredity 20:590-599, 1970.
4. **Rao DC.** The relation between tongue pigmentation and mental ability. Human Heredity 20:600-603, 1970.
5. **Rao DC.** Further analysis of family data on tongue pigmentation in man. Japanese Journal of Human Genetics 15:176-181, 1970.
6. **Rao DC** and Bose M. Tongue pigmentation in newborn. Japanese Journal of Human Genetics 15:182-185, 1970.
7. **Rao DC** and Gorai JK. Penetrance of the tongue pigmentation allele. Japanese Journal of Human Genetics 15:186-191, 1970.
8. **Rao DC.** A contribution to the genetics of hypertrichosis of the ear rims. Human Heredity 20:486-492, 1970.
9. **Rao DC.** Two-gene hypothesis for hairy pinnae of the ear. Acta Geneticae Medicae Gemellologiae 19:448-453, 1970.
10. **Rao DC.** A note on Li's paper. Journal of the Indian Society of Agricultural Statistics 22:53-58, 1970.
11. **Rao DC.** Statistical methods in blood groups. Proceedings II Mastech Conference, (Madras, India).pp 77-92, 1970.
12. **Rao DC.** Book Review on "The National Halothane Study" (U.S.A.), Sankhya, (Calcutta, India) 32:357-358. 1970.
13. **Rao DC.** Complex segregation analysis. American Journal of Human Genetics 23:325-326, 1971.
14. Chakraborty R and **Rao DC.** Detection of the inbreeding coefficient from ABO blood-group data. American Journal of Human Genetics 24:352-354, 1972.
15. Chakraborty R and **Rao DC.** Maximum likelihood estimation of chromosome frequencies from family data on MNS blood groups. Sankhya, (Calcutta, India) 34:33-40, 1972.
16. **Rao DC**, Satyanarayana M, Veerraju P and Rao BB. Tongue pigmentation in man: Ethnic studies and further pedigrees. Acta Geneticae Medicae Gemellologiae 21:221-232, 1972.
17. **Rao DC.** Hypertrichosis of the ear rims: Two remarks on the two-gene hypothesis. Acta Geneticae Medicae Gemellologiae 21:216-220, 1972.

18. **Rao DC.** Detection of the fixation coefficient F from MNS blood group data. Acta Geneticae Medicae Gemellologiae 21:211-215, 1972.
19. **Rao DC.** Formal segregation analysis for tongue pigmentation in man. Human Heredity 23:308-312, 1973.
20. Rao CR, **Rao DC** and Chakraborty R. "The generalized Wright's model" In: Genetic Structure of Populations, (ed. NE Morton), University Press of Hawaii, Honolulu, HI, pp 55-59, 1973.
21. **Rao DC** and Morton NE. Large deviations in the distribution of rare genes. American Journal of Human Genetics 25:594-597, 1973.
22. **Rao DC**, Yee S, Eskola M and Eriksson AW. Analysis of ABO mating type frequencies. Human Heredity 24:59-69, 1974.
23. Shanbhag DN and **Rao DC.** On Haldane's exact test for random mating. Journal of Genetics 61:169-176, 1974.
24. **Rao DC** and Chakraborty R. The generalized Wright's model and population structure with special reference to the ABO blood group system. American Journal of Human Genetics 26:444-453, 1974.
25. **Rao DC**, Morton NE and Yee S. Analysis of family resemblance. II. A linear model for familial correlation. American Journal of Human Genetics 26:331-359, 1974.
26. **Rao DC** and Morton NE. Path analysis of family resemblance in the presence of gene-environment interaction. American Journal of Human Genetics 26:767-772, 1974.
27. **Rao DC** and Chakraborty R. Detection of inbreeding and efficiency of mating bioassay. American Journal of Human Genetics 26:578-580, 1974.
28. Halperin SL, **Rao DC** and Morton NE. A twin study of intelligence in Russia. Behavior Genetics 5:83-86, 1975.
29. Morton NE and **Rao DC.** Monomorphism and heterozygosity. Heredity 34:427-431, 1975.
30. **Rao DC**, MacLean C, Morton NE and Yee S. Analysis of family resemblance. V. Height and Weight in Northeastern Brazil. American Journal of Human Genetics 27:509-520, 1975.
31. Sciulli PW and **Rao DC.** Path analysis of palmar ridge counts. American Journal of Physical Anthropology 43:291-293, 1975.
32. **Rao DC**, Morton NE and Yee S. Resolution of cultural and biological inheritance by path analysis. American Journal of Human Genetics 28:228-242, 1976.
33. Salzano FM and **Rao DC.** Path analysis of aptitude, personality and achievement scores in Brazilian twins. Behavior Genetics 76:461-466, 1976.
34. Morton NE, **Rao DC** and Yee S. An inferred chiasma map of *Drosophila melanogaster*. Heredity 37:405-411, 1976.

35. **Rao DC**, Morton NE, Elston RC and Yee S. Causal analysis of academic performance. Behavior Genetics 7:147-159, 1977.
36. Chung CS, Kau MCW, Chung SSC and **Rao DC**. A genetic and epidemiologic study of periodontal disease in Hawaii. II. Genetic and environmental influence. American Journal of Human Genetics 29:76-82, 1977.
37. Morton NE, **Rao DC**, Lang-Brown H, MacLean CJ, Bart RD and Lew R. Colchester revisited: A genetic study of mental defect. Journal of Medical Genetics 14:1-9, 1977.
38. **Rao DC**, Morton NE, Lindsten J, Hulten M and Yee S. A mapping function for man. Human Heredity 27:99-104, 1977.
39. Morton NE, **Rao DC**, Lindsten J, Zech L and Yee S. A chiasm map of man. Human Heredity 27:38-51, 1977.
40. Post PW and **Rao DC**. Genetic and environmental determinants of skin color. American Journal of Physical Anthropology 47:399-402, 1977.
41. **Rao DC** and Morton NE. Residual family resemblance for PTC taste sensitivity. Human Genetics 36:317-320, 1977.
42. Keats BJB, Morton NE and **Rao DC**. Likely linkage: Inv. with Jk. Human Genetics 39:157-159, 1977.
43. Gerrard J, **Rao DC** and Morton NE. A genetic study of immunoglobulin E. American Journal of Human Genetics 30:46-58, 1978.
44. **Rao DC** and Lew R. Complex segregation analysis of tongue pigmentation: A search for residual family resemblance. Human Heredity 28:317-320, 1978.
45. **Rao DC**, Keats BJB, Morton NE, Yee S and Lew R. Variability in human linkage data. American Journal of Human Genetics 30:516-529, 1978.
46. **Rao DC** and Morton NE. "IQ as a paradigm in genetic epidemiology" In: Genetic Epidemiology, (eds. NE Morton and CS Chung), Academic Press, New York, pp 145-182, 1978.
47. **Rao DC**, Morton NE and Yee S. Resolution of cultural and biological inheritance by path analysis: Corrigenda and reply to Dr. Goldberger. American Journal of Human Genetics 30:445-448, 1978.
48. Elston RC and **Rao DC**. Statistical modeling and analysis in Human Genetics. Annual Reviews of Biophysics and Bioengineering 7:253-286, 1978.
49. Morton NE and **Rao DC**. Quantitative inheritance in man. Yearbook of Physical Anthropology 21:12-41, 1978.
50. **Rao DC**, Keats BJB and Morton NE. Characteristics of a heterogeneity linkage test. Cytogenetics

and Cell Genetics 22:711-713, 1978.

51. Keats BJB, Morton NE and **Rao DC**. Possible linkages (lod score over 1.5), and a tentative map of the Jk-Km linkage group. Cytogenetics and Cell Genetics 22:304-308, 1978.
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53. Morton NE and **Rao DC**. "Causal analysis of family resemblance" In: The Genetic Analysis of Common Diseases: Applications to Predictive Factors in Coronary Heart Disease, (eds. CF Sing and M Skolnick), Alan R. Liss, Inc., New York, pp 431-452, 1979.
54. **Rao DC**, Morton NE and Cloninger CR. Path analysis under generalized assortative mating. I. Theory. Genetical Research 33:175-188, 1979.
55. **Rao DC**, Chung CS and Morton NE. Genetic and environmental determinants of periodontal disease. American Journal of Medical Genetics 4:39-45, 1979.
56. **Rao DC**, Keats BJB, Lalouel JM, Morton NE and Yee S. A maximum likelihood map of chromosome 1. American Journal of Human Genetics 31:680-696, 1979.
57. Gulbrandsen CL, Morton NE, **Rao DC**, Rhoads GG and Kagan A. Determinants of plasma uric acid. Human Genetics 50:307-312, 1979.
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63. **Rao DC** and Morton NE. Path analysis of quantitative inheritance. In: Current Developments in Anthropological Genetics, (eds. MH Crawford and J Mielke), Plenum Press. 1980.
64. Post PW, **Rao DC** and Scarr S. Effect of skin color on self-esteem. Social Biology 26:51-54, 1980.
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66. Krieger H, Morton NE, **Rao DC** and Azevedo E. Familial determinants of blood pressure in

- Northeastern Brazil. Human Genetics 53:415-418, 1980.
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 68. Keats BJB, Morton NE and **Rao DC**. Reduction of physical assignments to a standard lod table: Chromosome 1. Human Genetics 56:353-359, 1981.
 69. **Rao DC**, Morton NE, Gottesman II and Lew R. Path analysis of qualitative data on pairs of relatives: Application to schizophrenia. Human Heredity 31:325-333, 1981.
 70. Barbosa CAA, **Rao DC** and Morton NE. Analysis of family resemblance for immunoglobulin M, G and A levels. Human Heredity 31:8-14, 1981.
 71. Barbosa CAA, Morton NE, **Rao DC** and Krieger H. Biological and cultural determinants of immunoglobulin levels in a Brazilian population with Chagas' disease. Human Genetics 59:161-163, 1981.
 72. Cattell RB, **Rao DC**, Schuerger JM and Vaughan DS. Unitary personality source traits analyzed for heritability. Human Heredity 31:261-275, 1981.
 73. Cattell RB, **Rao DC**, Schmidt LR and Vaughan DS. Heritability of some personality source traits: Evidence from MAVA design, maximum likelihood analysis and the OA battery. L'Annee Psychologique 81:429-452, 1981.
 74. **Rao DC**, Morton NE, Lalouel JM and Lew R. Path analysis under generalized assortative mating. II. American IQ. Genetical Research 39:187-198, 1982.
 75. Malhotra KC and **Rao DC**. Path analysis of total palmar pattern ridge counts. American Journal of Physical Anthropology 58:187-189, 1982.
 76. **Rao DC**, Laskarzewski PM, Morrison JA, Khoury P, Kelly K and Glueck CJ. The Cincinnati Lipid Research Clinic Family Study: Familial determinants of plasma uric acid. Human Genetics 60:257-261, 1982.
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14. Abstracts, presentations, and other publications (incomplete list after 2007)

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5. Path analysis of familial correlations: Theory and applications. Presented at the 25th Anniversary Meeting of the American Society of Human Genetics, held at Atlanta, Georgia, 1973.
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179. Add Gang's abstract
180. Add Yun Ju's 2 abstracts – chk w/her 6/22/15