

CURRICULUM VITAE

Chirayath M. Suchindran

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Citizenship: U.S. Citizen

EDUCATION:

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| University of Kerala, India | B.Sc. | 1960 | Mathematics |
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| University of Kerala, India | M.Sc. | 1962 | Statistics |
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| University of North Carolina at Chapel Hill | MSPH | 1968 | Biostatistics |
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| University of North Carolina at Chapel Hill | Ph.D. | 1972 | Biostatistics |
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PROFESSIONAL EXPERIENCE:

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| 1985-present | Professor of Biostatistics, University of North Carolina at Chapel Hill |
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| 1999- | Director of Graduate Admissions, Department of Biostatistics, University of North Carolina at Chapel Hill |
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| 1977-present | Fellow, Carolina Population Center, University of North Carolina at Chapel Hill |
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| 1980-1985 | Associate Professor of Biostatistics, University of North Carolina at Chapel Hill |
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| 1974-1980 | Assistant Professor of Biostatistics, University of North Carolina at Chapel Hill |
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| 1972-1974 | Visiting Assistant Professor and Instructor of Biostatistics, University of North Carolina at Chapel Hill |
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1963-1967

Research Analyst, Research Assistant, Research Officer, Department of Statistics, University of Kerala, India

HONORS

Fellow, American Statistical Association (Elected August 1995)

President, Triangle Area Population Society (1995-97)

Fellow, Indian Society for Medical Statistics (Elected in 1993)

Membership in Delta Omega and Sigma Xi

Fellowship for Graduate Studies from the Ford Foundation and the Carolina Population Center (1967-72)

EDITORIAL RESPONSIBILITIES

Deputy Editor: *Demography*, (1975-1978).

Associate Editor, Co-Editor: *Mathematical Population Studies*, (1986-2005)

Advisory Board Member, *Mathematical Population Studies* (2005 – present)

Member, Editorial Board, *Canadian Studies in Population* (2007-Present)

Member, Editorial Board, *Demography India* (2016 -)

Associate Editor: *Survey Methodology*, (1991-1994)

Co-Editor: *Mathematical Population Studies*, (1991- 2005)

MEMBERSHIP IN PROFESSIONAL ORGANIZATIONS

American Statistical Association

Population Association of America

Triangle Area Population Society

GRANTS RECEIVED:

Training Grant

Principal Investigator (Program Director), "Research Training in Population Statistics", Training Grant awarded by the National Institute of Child Health and Human Development, 1980-2008. (Co-Investigator 1972-1980)

Center Grant

Statistical Services Core, "Carolina Population Center", Center Grant awarded by the National Institute of Child Health and Human Development, 1984- present

Senior Research Fellowship

Principal Investigator, "Demographic Processes of India's Kerala State", Senior Research Fellowship awarded by the Fogarty International Center, National Institutes of Health 1988-89.

Research Grants

Biostatistician, "Mothers and Others: Family based obesity prevention for infants and toddlers", National Institute of Child health and Human Development", (2012- present)

Biostatistician, " Mentoring Junior Investigators: Comprehensive HIV prevention ", National Institute of Child Health and Human Development, 2013 –present

Biostatistician, " Clinical and Metabolic Effects of Altering n-3 and n-6 Fatty acids in Migraine (RCT)", National Center for Complementary & Alternative Medicine", 2013 – present

Biostatistician, " The National Longitudinal Study of Adolescent Health", National Institute of Child Health and Human Development", 2014 – present

Biostatistician, " Monitoring and Evaluation to Assess and Use results", US AID 2014-present

Biostatistician, " HIV Prevention Trials Network (HPTN) 068 Protocol", 2014-2015

Biostatistician, " Post-Traumatic Headache and Psychological Health: Mindfulness Training for Mild Traumatic Brain Injury ", Department of Defense 2010 - 2014

Statistician, " Effect of Cash transfer and community mobilization in young South African women", National Institute of Mental Health , 2009 -2014

Statistician, "Promoting Safer Sex Among HIV+ Patients", National Institute of Mental Health, 2005-2009

Statistician, “Obesity development and CVD risk factor clustering in Filipino and Offspring”, National Heart, Lung, Blood Institute 2006-2010

Statistician, “Craniosacral Therapy in Migraine: Feasibility Study”, National Institute of Complementary and Alternative Medicine. 2006-2008

Statistician, “Effects of Neighborhood SES on CHD Burden in Communities”, National Heart, Lung and Blood Institute, 2005-2009

Statistician (Principal Investigator of a core project), “Center for Excellence in Health Statistics: Statistical Methods for Spatial Analysis, Centers for Disease Control, 1999-2003

Statistician, “Violence towards peers, dates and self: A developmental focus”, Centers for Disease Control, 2003-2007

Statistician, “Mediators and Moderators of the Family Violence and Adolescent Dating Violence Relationship” Centers for Disease Control, 2000-2003

Co-Investigator, “Behavioral Dynamics of HIV/AIDS in Uttar Pradesh, India, National Institute of Child Health and Human Development, 2001-2004

Statistician, “Pathways”, National Heart and Lung Institute, 1998-2001

Statistician, “Understanding the Healthy Worker Survivor effect”, National Institute of Occupational Health, 1998-2001

Statistician, "National Epidermolysis Bullosa Registry", Statistical Coordinating Center, National Institute of Arthritis and Musculoskeletal and Skin Diseases (1992- 2002)

Co-investigator (Principal Investigator of a core project), “Information technology to advance population research skills in developing countries” Andrew Mellon Foundation, 1999-2003

Statistician, MEASURE (Monitoring and Evaluation to Assess and Use Results) project, US AID 2001-2008

Principal Investigator, "Infant Mortality in North Carolina: A Comprehensive Study", Research Grant awarded by the National Institute of Child Health and Human Development, 1988-1993.

Principal Investigator, "End of Childbearing: Its Timing and Variations". Sub-grant from the Research Triangle Institute and National Institute of Child Health and Human Development (1987-1994).

Co-Investigator, "Evaluating Family Planning Program Impact", U. S. Agency for International Development (1991-1996)

Co-Investigator, "Work During Pregnancy: Relationship to Low Birth Weight". Research Grant from the National Institute of Child Health and Human Development (1986-88)

Co-Investigator, "Effects of Community Level Factors on Fertility". Research Grant from the National Institute of Child Health and Human Development (1987-1990)

Principal Investigator, "Family and Marital Life Course in Midlife and Older Age" Sub-grant from the Research Triangle Institute and the National Institute of Aging (1983-87).

Principal Investigator, "End of Childbearing: Its Timing and Variations." Sub-grant from the Research Triangle Institute and the National Institute of Child Health and Human Development (1983-86).

Statistician, Central Patient Registry and Coordinating Center for the Lipids Research Program, National Heart, Lung and Blood Institute (1982-1988)

Principal Investigator, "Remarriage, Fertility and Stability of Remarriages" Research Grant awarded by the National Institute of Child Health and Human Development (1980-83)

Co-Investigator (Task Leader), "Patterns and Determinants of Breast Feeding and Mortality in the Near East" Research Contract by the Agency for International Development (1980-84)

Co-Investigator, "The Impact of Food Crisis on Fertility in Bangladesh: An Analysis of Birth Interval Data." Research Grant awarded by Population Council (1982-84).

Co-Principal Investigator, "Interrelationships between Infant Mortality and Fertility in Jordan and Sri Lanka" Research Grant awarded by the Agency for International Development (1978-81).

Principal Investigator, "Consequences of Adolescent Pregnancy and Childbearing" Research Contract awarded by the National Institute of Child Health and Human Development (1976-78).

Principal Investigator, "Demographic and Socio-economic Effects of Childlessness and One Child Families" Subcontract awarded by the Research Triangle Institute and the National Institute of Child Health and Human Development (1979-81).

Co-Investigator, "Comparison of Two Methods of Natural Family Planning" Subcontract awarded by the Cedar-Sinai Medical Center, Los Angeles, and National Institute of Child Health and Human Development (1978).

Principal Investigator, "Relationships between Fertility, Marital Dissolutions and Remarriages" Subcontract awarded by the Research Triangle Institute and the National Institute of Child Health and Human Development (1975-78).

Principal Investigator, "Study of cumulative Mortality Risks Associated with Alternative Patterns of Reproductive Behavior." Research project awarded by Center for Disease Control, Atlanta (1975-76)

Co-Principal Investigator, "New Estimation Techniques for Demographic Analysis" Research Contract awarded by the National Institute of Child Health and Human Development (1974-76).

Co-Investigator, "Measurement Methods of Population Change." Grant awarded by the National Institute of Child Health and Human Development (1972-74).

Dissertation

Suchindran, C. M. (1972), "*Estimators of Parameters in Biological Models of Human Fertility*," Institute of Statistics, Mimeo Series No. 849, University of North Carolina. (Under the direction of Mindel C. Sheps and P. A. Lachenbruch)

Book

Namboodiri, N. K. and C. M. Suchindran (1987), "*Life Table Techniques and Their Applications*" Academic Press, Inc., New York.

Publications

Suchindran, C. M. and P. A. Lachenbruch (1974), "Estimates of Parameters in a Probability Model for First Live birth Interval," *Journal of the American Statistical Association*, 69:507-513

Suchindran, C. M. and P. A. Lachenbruch (1975) "Estimates of Fecundability from a Truncated Distribution of Conception Times," *Demography*, 12:291-303

Suchindran, C. M. and B. N. Bhattacharya (1975) "Some Considerations in the Construction of Bivariate Life Tables," POPCEN - *India Population Project*, 1:1-3

Suchindran, C. M., J. W. Lingner, A. N. Sinha, and E. J. Clark (1976), "Sensitivity and Robustness of Alternative Fertility Indices," *Proceedings of the American Statistical Association, Social Statistics Section*: 798-805

Lachenbruch, P. A., C. M. Suchindran, J. W. Lingner and E. B. Perrin (1977) "Uses in Models in Evaluation of Fertility Dynamics," *GENUS*, 33:25-31.

Suchindran, C. M. and J. W. Lingner (1977), "On Comparison of Birth Interval Distributions," *Journal of Biosocial Sciences*, 9:25-31

Curtin, L. R. and C. M. Suchindran (1977), "A Compound Poisson Process Formulation of the parity Distribution" Proceedings of the American Statistical Association, Social Statistics Section: 618-623

Suchindran, C. M., N. K. Namboodiri, and K. West (1977), "Analysis of Fertility by Increment-Decrement Life Tables," Proceedings of the American Statistical Association, Social Statistics Section: 431-436

O'Brien, K. F., C. M. Suchindran, H. P. Koo, and M. J. Symons (1978). "A Classifications Problem Involving Marital Birth Patterns, Proceedings of the American Statistical Association, Social Statistics Section: 639-645

Koo, H. P., R. E. Bilsborrow, and C. M. Suchindran (1978), Long-Term Marital Disruptions, Fertility, and Socioeconomic Achievement Associated with Adolescent Childbearing, Working paper #2, Carolina Population Center, Chapel Hill, NC.

Koo, H. P. and C. M. Suchindran (1978), "Relationships among Fertility, Marital Dissolution and Remarriage, Vol. I and II", Research Triangle Institute, Research Triangle Park.

Suchindran, C. M., A. Clague, and J. C. Ridley (1979), "Estimation of Stochastic Variation in Vital Rates," *Population Studies*, 33:549-563

Suchindran, C. M., N. K. Namboodiri, and K. West (1979), "Increment-Decrement Tables for Human Reproduction," *Journal of Biosocial Sciences*, 11:443-456

Udry, J. R., C. Teddlie, and C. M. Suchindran (1979), "The Random Variations in Rates Based on Total Enumeration of Events," *Population Studies*, 33:353-364

Namboodiri, N. K., C. M. Suchindran and K. Wyman (1980), "A Life Table Approach to the Study of Work/Fertility Relationships", Proceedings of the American Statistical Association, Social Statistics Section: 472-476.

O'Brien, K. F. and C. M. Suchindran (1980), "A Method of Comparing Life Tables from Complex Survey Data", Proceedings of the American Statistical Association, Social Statistics Section: 227-230.

Suchindran, C. M., R. W. Roach, R. S. Krasowski, and D. S. Lee (1980). "FERTMORT: A Computer Model to Study Mortality Risks of Different Birth Control Strategies." *Modeling and Simulation*, Vol. II. Proceedings of the Eleventh Annual Pittsburgh Conference, pp. 1421-1428

Koo, H. P. and C. M. Suchindran (1980), "Effects of Children on Women's Remarriage Prospects," *Journal of Family Issues*, 1:497-515

Suchindran, C. M. (1981), "The Random Variation in Rates Based on Total Enumeration of Events: A Reply to Avery and Hakkert," *Population Studies*, 35:473-475

Teeter, R. A., and C. M. Suchindran (1981). "Some Statistical Problems in Analyzing Data on Marital and Birth Histories." Proceedings of the American Statistical Association, Social Statistics Section:198-203.

Wade, M. E., P. McCarthy, G. D. Braunstein, J. R. Abernathy, C. M. Suchindran, G. S. Harris, G. S. Danzer, and W. A. Vriccho (1981), "A Randomized Prospective Study of Natural Family Planning," *American Journal of Obstetrics and Gynecology*, 141:368-376

Koo, H. P. and C. M. Suchindran (1982), "Measuring the Impact of Marital Dissolution and Remarriage on Fertility." In G. L. Fox (ed.), *Decision-Making, Family Planning and Childbearing*, Sage Publications, pp. 219-246

Nour, E. S., and C. M. Suchindran (1983), "The Effects of Individual Variability on the Life Table," *Communications in Statistics, Theory and Methods*, 12(3):323-329.

Nour, E. S. and C. M. Suchindran (1983), "A General Formulation of the Life Table," *Journal of Mathematical Biosciences*, 63:241-252

Suchindran, C. M. and A. L. Adlakha (1984), "The Effect of Infant Mortality on Subsequent Fertility of Women in Jordan: A Life Table Analysis," *Journal of Biosocial Sciences*, 16(2):219-229

Koo, H. P., C. M. Suchindran and J. D. Griffith (1984), "The Effects of Children on Divorce and Remarriage: A Multivariate Analysis of Life Table Probabilities", *Population Studies*, 38(3):451-472.

Nour, E. S. and C. M. Suchindran (1984), "The Construction of Multi-state Life Tables: Comments on the Article by Willikins et al.", *Population Studies*, 38(2):325-328.

Nour, E. S. and C. M. Suchindran (1984), "Multi-state Mortality by Cause of Death: A Life Table Analysis", *Journal of the Royal Statistical Society (Series A)*, 147(4):582-597

Suchindran, C. M., and A. D. Horne (1984). "Some Statistical Approaches to the Modeling of Selected Fertility Events," Proceedings of the American Statistical Association, Social Statistics Section, August 1984:629-634

Griffith, J. D., H. P. Koo and C. M. Suchindran (1984), "Childlessness and Marital Stability in Remarriage", *Journal of Marriage Family*, 46:577-585

Adlakha, A. L. and C. M. Suchindran (1985), "Factors Affecting Infant and Child Mortality," *Journal of Biosocial Sciences*, 7:481-496

Adlakha, A. L. and C. M. Suchindran (1985). "Infants and Child Mortality in Middle Eastern Countries," Proceedings of the General Conference, International Union for the Scientific Study of Population, 2:467-376.

Suchindran, C. M. and A. L. Adlakha (1985). "Determinants of Infant and Child Mortality in Tunisia," Proceedings of the General Conference, International Union for the Scientific Study of Population, 2:299-310

Cowan, L. D., T. Wilcosky, M. H. Criqui, E. Barrett-Conner, C. M. Suchindran, R. Wallace, P. Laskarzewski, and C. Walden (1985). "Demographic Behavioral, Biochemical and dietary Correlates of Plasma Triglycerides," *Arteriosclerosis*, 5:466-480

Griffith, J. D., H. P. Koo, and C. M. Suchindran (1985), "Childbearing and Family in Remarriage," *Demography*, 22:73-88

Griffith, J. D., C. M. Suchindran, and H. P. Koo (1985). Cohort Change in the Marital Life Course: An Analysis of Marital Life Histories. Using Multistate Life Table Techniques. Working paper No. 37. Carolina Population Center, August, 1985

Nour, E. S. and C. M. Suchindran (1985). "U. S. Fertility Tables for Birth Cohorts: A Note on Computational Procedures," Proceedings of the American Statistical Association, Social Statistics Section, August 1985

Nour, E. S. and C. M. Suchindran (1985), "Multi-State Life Tables: Theory and Application." In P. K. Sen (ed.), *Biostatistics: Statistics in Biomedical, Public Health and Environmental Sciences, Essays in Honor of B. G. Greenberg*. Netherlands: Elsevier Science Publishers, pp. 143-162.

O'Brien, K. F. and C. M. Suchindran (1985), "A Life Table Regression Analysis for Complex Survey Data," *Biometrical Journal*, 27(7):775-782.

Suchindran, C. M., H. P. Koo, and J. D. Griffith (1985), "The Effects of Post marital Childbearing and Prior Fertility on Remarriage: An Application of Hazards Models with Time-Dependent Covariates," *Population Studies*, and 39:471-486.

Suchindran, C. M. and A. L. Adlakha (1985), "Levels, Trends, and Differentials of Infant and Child Mortality in Yemen," *ECWA United Nations Population Bulletin*, 27:43-72

Glueck, C. J., P. M. Laskarzewski, C. M. Suchindran, W. L. Chambless, E. Barrett-Conner, P. Stewart, G. Heiss, and H. A. Tyroler (1986). "Progeny's Lipid and Lipoprotein Levels by Parental Mortality," *Circulation*, 73 (Suppl. 1):51-61.

Little, J. A., K. Graves, C. M. Suchindran, J. Milner, V. McGuire, B. Beaton, T. Feather, F. Mattson, and D. Williams (1986). "Customary Diet, Anthropometry, and Dyslipoproteinemia in Selected North American Populations Study," *Circulation*, 73 (Suppl. 1):80-90.

Wilcosky, T. C., P. O. Kwiterovich, C. J. Glueck, C. M. Suchindran, P. Laskarzewski, B. Christiansen, and H. A. Tyroler (1986). "Dyslipoproteinemia in Black Participants in the LRC Program Prevalence Study," *Circulation*, 73 (Suppl. 1):119-125.

Bush, T. L., M. H. Criqui, L. D. Cowan, R. B. Wallace, H. A. Tyroler, C. M. Suchindran, R. Cohn, B. M. Rifkind (1986). "Cardiovascular Disease Mortality in Women: Results from the Lipid Research Clinics Follow-up Study" in *Proceedings of the CHD in Women Workshop*, E. Baker, B. Packard, N. Wenger et al (ed).

Bush, T. L., E. B. Connor, L. D. Cowan, M. H. Criqui, R. B. Wallace, C. M. Suchindran, H. A. Tyroler, B. M. Rifkind (1986), "Cardiovascular Mortality and Non-Contraceptive Use of Estrogen: Results from the Lipid Research Clinics Program Follow-up Study." *Circulation* 75:1102-1109.

Suchindran, C. M., H. P. Koo, and J. D. Griffith (1986). "Ages at First and Last Birth and Span of Childbearing Measures in Developing Countries," Proceedings of the American Statistical Association, Social Statistics Section, August 1986

Horne, A. D., M. N. El-Khorasaty, and C. M. Suchindran (1986). "Differentials in Model Childbearing Measures in Developing Countries," Proceedings of the American Statistical Association, Social Statistics Section, August 1986.

Pandey, A. and C. M. Suchindran (1987). "Probability Models of Reproductive Events." Proceedings of the American Statistical Association, Social Statistics Section, August 1987.

Abulata, M. F. and C. M. Suchindran (1987). "Truncation Bias in the First Two Moments of Birth Intervals According to Data Ascertainment Method." Proceedings of the American Statistical Association, Social Statistics Section, August 1987

Koo, H. P., C. M. Suchindran and J. D. Griffith (1987), "The Completion of Childbearing: Change and Variation in Timing." *Journal of Marriage and the Family* 49:281-293.

Horne, A. D. and C. M. Suchindran (1988), "Maternal Age at Last Birth and Reproductive Span: The 1980 Egyptian Fertility Survey," in Egypt: *Demographic Responses to Modernization*, Hallouda, A. M. and Farid, S. M. (ed.), Cairo, Central Agency for Public Mobilization and Statistics.

Horne, A. D. and C. M. Suchindran (1988), "Maternal Age at Last Birth in Egypt," *Journal of Biosocial Science*, 20:313-320

Pandey, A. and C. M. Suchindran (1988). "Modeling Fertility with Mortality as a Competing Risk: An Application," Proceeding of the General Meetings of the American Statistical Association, Social Statistics Section, August, 1988

Suchindran, C. M. (1989), "Heterogeneous Risk Models," *Jansamkhya*, 7:1-20.

Bairagi, R. and C. M. Suchindran (1989), "An Estimator of the Cut off Point Maximizing Sum of Sensitivity and Specificity," *Sankhya*, Series B, Vol. 51, 263-269

Ekelund, L. G., C. M. Suchindran, R. P. McMahon, et al (1989), "Coronary Heart Disease Morbidity and Mortality in Hypercholesterolemic Men Predicted From an Exercise Test: The Lipid Research Clinics Coronary Primary Prevention Trial," *Journal of American College of Cardiology* 14, No 3, 556-63.

Narendranathan, M., Sandler, R. S., Suchindran, C. M. and D. A. Savitz (1989), "Male Infertility in Inflammatory Bowel Disease," *Journal of Clinical Gastroenterology* 11:403-406

Pandey, A. and C. M. Suchindran (1990), "Pace, Speed and Quantum of Fertility: A Model Based Estimation, in *Dynamics of Population and Family Welfare* (K. Srinivasan and K. B. Pathak eds) Himalaya Publishing Company, Bombay

Horne, A. D., N. M. El-Khorazaty, and C. M. Suchindran (1990), "Statistical Modeling of Selected Aspects of the Childbearing Process with Application to World Fertility Survey Countries", *Mathematical Population Studies* 2:183-208

Ekelund, L. G., C. M. Suchindran, J. M. Karon, et al (1990), "Black-White Difference in Exercise Blood Pressure: The Lipid Research Clinics Program Prevalence Study," *Circulation* 31:1568-1574

Pekkanen, J., S. L. Heiss, G. C. M. Suchindran, et al (1990), "Ten-Year Mortality From Cardiovascular Disease in Relation to Cholesterol Level Among Men With and Without Pre-existing Cardiovascular Disease" *New England Journal of Medicine* 322:1700-1707.

Mukherjee, S., K. K. Singh, C. M. Suchindran and B. N. Bhattacharya (1991), "A Probability Distribution for Last Closed Birth Interval", *Demography India*, 20(2):259-272.

Bhattacharya, B. N., K. K. Singh and C. M. Suchindran (1991), "A Probability Distribution for Last Closed Birth Interval", Proceedings of the General Meetings of the American Statistical Association, *Social Statistics Section*, August 1991:441-446.

Feaganes, J. R. and C. M. Suchindran (1991), "Weibull Regression with Unobservable Heterogeneity," Proceedings of the General Meetings of the American Statistical Association, *Social Statistics Section*, August 1991:160-166

Peoples-Sheps, M., E. Siegel, C. M. Suchindran et al (1991), "Characteristics of Maternal Employment during Pregnancy: Effects on Low Birth weights", *American Journal of Public Health*, 81(8):1007-1012

Singh, K. K., C. M. Suchindran, V. Singh and R. Ramakumar (1993), "Age at Return Marriage and Timing of First Birth in India's Uttar Pradesh and Kerala States", *Social Biology*, 39(3-4):292-298.

Suchindran, C. M. and H. P. Koo (1992), "Age at Last Birth and Its Components", *Demography*, 29(2):227-245

Suchindran, C. M., R. Ramakumar and K. Sathi Devi (1993), "Family Size, Sex Composition of Children and Contraceptive Use: A Case Study of Kerala", *GENUS* IL, (1-2):165-180

El-Shalakani, M. H. and C. M. Suchindran (1993), "Estimation of Fecundity and Secondary Sterility from Survey Data on Birth Intervals in Egypt", *Human Biology*, 65(1):59-70

Pandey A., C. M. Suchindran and S. Rajaram (1993), "Study of Fertility in the Life Table Form: An Application to Indian Data", in *Biosocial Aspects of Human Fertility: Models and Applications*, B. R. Publishing Corporation, New Delhi

Leiss, J. K. and C. M. Suchindran (1993), "Age and Season of Birth in Sudden Infant Death Syndrome in North Carolina 1982-87: No Interaction", *American Journal of Epidemiology*, 137(2):207-212.

Singh, K. K., C. M. Suchindran and Kiran Singh (1993), "Effects of breastfeeding after resumption of menstruation on waiting time to conception", *Human Biology*, 65(1) 71-86

Criqui, M. K., G. Heiss, R. Cohn, L. D. Cowan, C. M. Suchindran, et al. al. (1993), "Triglycerides and Coronary Heart Disease Mortality: The Lipid Research Clinics Follow-up Study", *New England Journal of Medicine*, April 1993.

Singh, K. K., C. M. Suchindran, V. Singh and R. Ramakumar (1993), "Analysis of Birth Intervals in India's Uttar Pradesh and Kerala States", *Journal of Bio Social Sciences*, 25:143-153

Halpern, C. T., J. R. Udry, B. Campbell and C. M. Suchindran (1993), "Testosterone and Pubertal Development as Predictors of Sexual Activity: A Panel Analysis of Adolescent Males", *Psychosomatic Medicine*, 55:536-447

Pandey A., S. Sreenivasan, P. C. Saxena and C. M. Suchindran (1993), "Differentials of the Maternal Age at First and Last Births in Selected States of India", *Janasamkhyā* XI (2):73-100.

Singh, K. K., C. M. Suchindran, and R. S. Singh (1994), "Smoothed Breastfeeding Durations and Waiting Time to Conception", *Social Biology* 41(3-4): 229-239.

Halpern, C. T., J. R. Udry and C. M. Suchindran (1994), "Effects of Repeated Questionnaire Administration in Longitudinal Studies of Adolescent Males' Sexual Behavior", *Archives of Sexual Behavior*, 23 (1):41-57.

Halpern, C. T., J. R. Udry, B. Campbell and C. M. Suchindran (1994), "Testosterone and Religiosity as Predictors of Sexual Attitudes and Activity among Adolescent Males: A Biosocial Model", *Journal of Biosocial Science*, 26:217-234

Halpern, C. T., J. R. Udry, B. Campbell and C. M. Suchindran (1994), "Relationships between Aggression and Pubertal Increases in Testosterone: A Panel Analysis of Adolescent Males", *Social Biology*, 39:292-298

Leiss, J. K. and C. M. Suchindran (1994), "Reply to Authors: Age and Season of Birth in Sudden Infant Death Syndrome in North Carolina 1982-87: No interaction", *American Journal of Epidemiology* 140:485-586.

Leiss, J. K., J. Tyson, D. Bulls, and C. M. Suchindran (1994), "A Note on Age and Season of Infant Death Syndrome in North Carolina 1982-87: No interaction", *American Journal of Epidemiology* 140:667

Fine, J. D., L. B. Johnson, and C. M. Suchindran (1994), "The National Epidermolysis Bullosa Registry", *The Society for Investigative Dermatology* 102(6): 548-551

Pandey, A. and C. M. Suchindran (1995), "Some Analytical Models to Estimate Maternal Age at Birth Using Age-Specific Fertility Rates", *Sankhyā B* 57: 142-150

Izmirlian, G. and C. M. Suchindran (1995), "Estimation of Divergence Measures from Censored Failure Time Data," Proceedings of the General Meetings of the American Statistical Association, Biometrics Section: 427-432

Singh, K. K., C. M. Suchindran, U. Singh and A. Kumar (1996), "Tempo of Fertility in An Age Interval", *Population and Development in Uttar Pradesh*, 247-252 (K. Gupta and A. Pandey editors); B. R. Publishing House, Delhi.

Suchindran, C. M. and H. P. Koo (1996), "Demography and Public Health", in *Oxford Textbook of Public Health*, Third Edition, 2:829-848 (James McEwen and Roger Detels editors); Oxford University Press

Suchindran, C. M. (1996), "Recent Advances in Techniques for Demographic Analysis", *Journal of Applied Statistical Sciences*, 4(4):305-317

Leiss, J. K. and C. M. Suchindran (1996), "Sudden Infant Death Syndrome and Local Meteorological Temperature in North Carolina", *American Journal of Epidemiology* 144: 111-115

Rogers, M. M., M. D. Peoples-Sheps and C. M. Suchindran (1996), "Impact of a Social Support Program on Teenage Prenatal Care Use and Pregnancy Outcomes", *Journal of Adolescent Health* (19): 132-140

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Patricia A. Metcalf^{1,2}, Michelle L. Meyer¹, Chirayath M. Suchindran¹ & Gerardo Heiss (2016),“Assessment of a Regression Method to Reclassify Deaths Attributable to Heart Failure”, *Global Journal of Health Science*; Vol. 9, No. 3; 2017
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Grodensky Catherine, Golin Carol, Parikh Megha A, Ochtera Rebecca, Kincaid Carlye, Groves Jennifer, Widman Laura, Suchindran Chirayath, McGirt Camille, Amola Kemi, Bradley-Bull Steven (2016).” Does the quality of safetalk motivational interviewing counseling predict sexual behavior outcomes among people living with HIV? “Patient Education and Counseling <http://dx.doi.org/10.1016/j.pec.2016.08.014>

Book Reviews

C. M. Suchindran (1974). Book Review: Mathematical Models for the Growth of Human Populations, J. H. Pollard. Cambridge University Press, 1973 *Journal of the American Statistical Association* 69: 582 -583

C. M. Suchindran (2008). Book Review: Statistical Demography and Forecasting, Juha Alho and Bruce Spencer, Springer 2005. *Statistics in Medicine* 27: 1325-1326

PRESENTATIONS (Partial List, 2006 to present)

C. M. Suchindran, “Elderly Population: Spatial Distribution and its Implication on Health”, *Invited paper*, Beijing Forum 2006 organized by Peking University, Beijing, China, October 27-29, 2006

C. M. Suchindran, “Emerging Issues in demographic Research”, *Invited talk*; Ma Yinchu Population Science Distinguished Lecture, Peking University, October 31, 2006

K. Chantala and C. M. Suchindran (2006), “Adjusting for Unequal Selection probability Probability in Multilevel models: A comparison of Software Packages” *Invited Talk*: Joint Statistical Meetings, Survey Research Section, August 2006

Kuo-Ping Li and C. M. Suchindran, “ Effects of Air Pollution, Social Economical Status, and Spatial Clustering Effects on Lung Cancer Mortality Rates of North Carolina Counties of Year 2000 ‘ Paper presented at Biometric Society (ENAR), Tampa, Florida March 28, 2006

Kuo-Ping Li and C. M. Suchindran, “ Effects of Local Air Quality Reported Using the Air Quality Index and Spatial Clustering Effects on Lung Cancer Mortality Rates of North Carolina Counties of 2000” , Poster presentation, Annual meetings of the Population Association of America, Los Angles, CA , March 31, 2006 (**won Blue Ribbon award**)

K. M. Rose, Randy Foraker, G. Heiss, Kuo Ping Li, W. D. Rosamond , C. M. Suchindran and Joy Wood, “ Neighborhood Socioeconomic status and disparities in Angiography and cardiovascular revascularization: The ARIC Community Surveillance” Paper presented at the American Heart Association (Council on Epidemiology and Prevention), Annual Meetings March 2-5, 2006, Phoenix Arizona

C. M. Suchindran, “Statistical Applications in Population Research”, Discussant, Annual Meetings of the Population Association of America, New York, NY April 2007

C. M. Suchindran, “Analysis of Recurrent Event Data”, Methodology seminar, Carolina Population Center, UNC-Chapel Hill 2007

Kuo-Ping Li and C. M. Suchindran, “Univariate and multivariate autoregressive spatial modeling in the analysis of aerial population data”, Poster presentation, Annual meetings of the Population Association of America, New York, April 2007

C. M. Suchindran , “ Statistical Issues in Group Randomization Trials”, Methodology Seminar, Carolina Population Center” March 30, 2012

Hattori, A. and C. M. Suchindran , “ Statistical Methods for Interval Censored Data with Informative Sampling weights and Unknown subpopulation not at risk for the event”, Poster presentation , Annual Meetings , Population Association of America, San Francisco May 2-4, 2012

Hattori, A, and C. M. Suchindran, “ Time to Obesity among US Adolescence: Findings from the National Longitudinal Study of Adolescent Health”, Poster Presentation, Annual Meetings of the Population Association of America , San Francisco , May 2-4, 2012

B. M. Suchindran , “ Statistical Methods for Interval Censored Complex Survey Data “, Methodology Seminar , Carolina Population Center , April 8, 2011

C.

C. M. Suchindran, “ Multi-State Life Tables “ , *Invited Talk* , National Health Research Institute, Taiwan, January 5, 2009

C. M. Suchindran, “Analysis of Recurrent Event Data” Invited Talk, National Health research Institute, Taiwan , January 7, 2009

C. M. Suchindran, “ Modeling spatial temporal data”, Seminar presented at the Carolina Population Center, April 14, 2009

C.M. Suchindran, “Modeling Demographic Processes”, 2008 Annual Meetings of the Population Association of America, April 17-19, New Orleans, LA

C. M. Suchindran, “Analysis of Recurrent Event Data” Mahidol University, Thailand, March 31, 2008

C. M. Suchindran, “Biostatistics and Inter-disciplinary Research Training”, Invited *Talk*, Royal Golden Jubilee Ph. D. Congress IX, Pattaya, Thailand, April 4, 2008

C. M. Suchindran, “ Modeling spatial temporal data”, *Invited talk*, Department of Social Welfare, National Chung Cheng University, Taiwan, December 26, 2008

Patel MD, Suchindran CM, Whitsel EA, Rose KM. Spatiotemporal Analysis Of Incident Myocardial Infarction And Neighborhood Socioeconomic Status. Oral presentation at 43rd Annual SER Meeting, Seattle Washington, June 2010 [**Am J Epidemiol** 2010; 171(Suppl): S1-S157]

Rose KM, Foraker RE, Newton AK, Ni Hanyu, Suchindran CM, Whitsel EA. Variation in Rates of Fatal CHD by Neighborhood Income: Atherosclerosis Risk in Communities (ARIC) Study Surveillance. Poster Presentation at the 50th AHA Cardiovascular Disease Epidemiology and Prevention and Nutrition, Physical Activity and Metabolism, March 2010 , San Francisco, CA [**Circulation** 2010;119]

R. E. Foraker , K. M. Rose, P. P. Chang, C. M. Suchindran, A. M. McNeill, W. D. Rosemond. “ Neighborhood Socioeconomic Status and Re-hospitalization rates following an incident heart failure “, American Heart Association, San Francisco , March 2010

Widman, L, C. Golin, C. Grodensky and C. M. Suchindran (2011) “ Do self-Efficacy to Practice Safer sex attitudes towards condoms, and transmission risk beliefs differ between men who have sex with men, heterosexual men and women living HIV?”, cDC National HIV Prevention Conference , Atlanta GA, August 2011

Golin C. E. , J. A. Earp, C. Grodensky, S. Patel , C. M. Suchindran, M. Parikh, K. Amola and Z. Chariyeva, “ A randomized controlled trial of safe talk: A safer sex program for people living with HIV/AIDS”, CDC National HIV Prevention Conference , Atlanta, GA August 2011

C.M. Suchindran (2011) . Statistical Methods for Interval censored Complex Survey Data . Carolina Population Center April 8, 2011

C. M. Suchindran, “Sampling weights and Regression Analysis “, Methodology Seminar , Carolina Population Center , April 19, 2013

C. M. Suchindran, “Sample Size and Power Analysis”, Methodology Seminar , Carolina Population Center, April 4, 2014

C. M. Suchindran, “ Analysis of competing risks data” Methodology seminar , Carolina Population Center , April 10. 2015

C. M. Suchindran, “ Measures of Life Span Inequality: AN Application to the racial and gender longevity gap in the United States”, Invited Talk, 2nd Annual Conference on Demography and Population Studies, Athens Institute for Education and Research, Athens , Greece , June 14-18, 2016

C. M. Suchindran, “ Research Training in Biostatistics: Challenges and Strategies “ Invited talk, International Conference on Statistics for twenty first century, Department of Statistics , University of Kerala , December 17-19, 2015

C. M. Suchindran, “ Research Designs in Demography “ Professor Ramakumar Memorial Endowment Invited Lecture , Department of Demography, University of Kerala , Janury 5, 2016

SERVICE ACTIVITIES (2000 -)

Member, SBIR grant Review Committee, Center for Scientific Research, National Institutes of Health (1995- 2000)

Treasurer, Delta Omega Theta Chapter (Honorary Society in Public Health) 1996-2000

Chair, Appointments, Promotions and Tenure Committee, School of Public Health, 2001-2002 (Member 1999-2001)

Member, Steering Committee, Middle East Population Research Training, University Center for International Studies (UCIS) (2001)

Grant Proposal Reviewer, National Science Foundation (2001)

Full Voting Member, Tenure Committee, National Institute of Environmental Health Sciences (2002)

External Examiner of Doctoral dissertation, “On Some Random Walk Models and Their Applications to Fertility Analysis”, Andhra University, India

External Examiner of Doctoral Dissertation, “A Study of Health Transition in a Rural Setting with Special Reference to Prevalence and Burden of Sickness”, University of Madras, India

Member, special panel to review grants entitled, “Clinical Research Education and Career Development in Minority Institutions”, *National Center for Research Services* (NIH), July 2003

Member, Special emphasis panel to review grants entitled “ Oldest-old mortality demographic models and analysis”, *National Institute of Aging* (NIH), July 2003

Member, Special emphasis panel for review of grants entitled “The National Institute of Aging Multi-center study on exceptional survival in families”, *National Institute of Aging* (NIH), December 2003

External Examiner of doctoral dissertation, “A study on statistical modeling using artificial neural networks”, University of Madras, India, 2003

External Examiner, of doctoral dissertation, “Measures for reporting small area variation: Application to health data evaluation of small area estimation techniques for health data” , University of Madras, India, 2004

Member (Chair, Subcommittee on Data and Methods Session Organizing Committee), 2006 Annual Meetings Program Organizing Committee, Population Association of America,

Member (*Chair, Data and Methods Section*), 2007 Annual Meetings Program Organizing Committee, Population Association of America

Member, *Expert Committee* on “Use of the Vaccine Safety Data Link to Assess Time Trends in Autism”, National Institute of Environmental Health Sciences and Centers for Disease Control and Prevention, 2006

Member, Scientific Review Group Health of the Population (HOP) Integrated Review Group, National Institutes of Health (March, July and November 2007)

Member (mail), Special Emphasis Panel, Scientific Review Group (SSPS), National Institutes of Health (October 2007)

Member, Subcommittee on Health and Mortality Session Organizing Committee, 2017 Annual Meetings Program Organizing Committee, Population Association of America,

Member, Population Sciences Committee (NICHD Study section 2008-2012

