

KEVIN F. O'BRIEN

EDUCATION

- 1981 Ph.D. Biostatistics, University of North Carolina, Chapel Hill, North Carolina
Dissertation: Life Table Methods for Complex Survey Data
Written under C. M. Suchindran, Ph.D.
- 1974 M.A. Demography/Sociology, Georgetown University, Washington, D.C.
- 1972 B.A. Psychology, University of Rhode Island, Kingston, Rhode Island

HONORS

1976-1977 Fellow, Carolina Population Center, Chapel Hill, NC

POSITIONS

- 2022-Current Professor, Department of Public Health, East Carolina University
- 2015-2022 Professor, Department of Biostatistics, East Carolina University
- 1996-2015 Professor and Associate Dean, College of Allied Health Sciences
East Carolina University,
- 2003-2003 Acting Chair, Department of Physician Assistant Studies
- 1996-2003 Interim Chair, Department of Biostatistics
- 1997-2000 Acting Chair, Department of Environmental Health
- 1993-1994 Acting Chair, Department of Communication Sciences and Disorders
- 1991-1992 Interim Dean, School of Allied Health Sciences, East Carolina
University
- 1989-1992 Adjunct Associate Professor, Dept. of Preventive Medicine
School of Medicine, East Carolina University
- 1986-1991 Associate Professor, Director, Program for Biostatistics
School of Allied Health, East Carolina University
- 1984-1986 Assistant Professor, Director, Program for Biostatistics
School of Allied Health, East Carolina University

1980-1984 Assistant Professor of Biostatistics
School of Allied Health, East Carolina University

INTERESTS

Teaching applied statistical methods courses. Interactions with students on dissertations, thesis or other projects is a continual source of satisfaction. Statistical interests: epidemiological methods, categorical data, generalized linear models and data science.

MEMBERSHIPS

American Statistical Association 1978-present
Biometric Society 1977-present
American Association for The Advancement of Science 1983-present

CONTINUING EDUCATION

Summer Epidemiology Program, University of Massachusetts, Courses in: Epidemiological Theory, Methods, and Occupational Epidemiology. Instructors: K. Rothman, D. Kleinbaum, L. Kupper and C. Shy. Epidemiological Resources Inc., 1981.

Survival Analysis: taught by D. Cox and D. Oakes. Joint Meetings ASA, Las Vegas, Nevada, 1985.

Bioassay: taught by D. Finney. ENAR Biometrics Meetings, Atlanta, Georgia, 1987

Regression Analysis of Clustered Observations: taught by S. Zeger and K. Y. Liang. ENAR Biometrics Meetings, Baltimore, Maryland, 1990.

Introduction to Multimedia: Orlando FL, 1993 at the Interactive Multimedia Conference by the Society for Applied Learning Technology.

Flexible Regression Models: taught by Trevor Hastie, at the Spring Biometrics Meetings (ENAR), Richmond, VA, 1996.

Statistical Analysis of Genetic Micro-Arrays. Spring Biometrics meetings (ENAR) Charlotte, NC 2000.

Bayesian Methods in Biostatistics. Spring 2007 Workshop at the University of NC at Chapel Hill, NC, taught by Joseph G. Ibrahim.

Mixed Models Analysis: Spring 2011, Conference on Applied Statistics, Orlando, FL, taught by George A. Millikin.

Bayesian Inference: Summer 2014, Joint Statistical Meetings, Boston, MA, taught by Bruno Sanso.

Model Selection with Examples from SAS/STAT: Summer 2014, Joint Statistical Meetings in Boston, taught by Funda Gunes, SAS Institute.

Creating Statistical and Clinical Graphs in SAS: Summer 2014, Joint Statistical Meetings in Boston, taught by Warren F. Kuhfeld, SAS Institute.

Longitudinal Data Analysis: Summer 2015, Joint Statistical Meetings in Seattle, taught by Garret M. Fitzmaurice, Harvard University.

Joint Models For Longitudinal and time-to-Event Data: with applications in R: Summer 2016, IBS Meeting, Victoria Canada. Taught by Dimitris Rizopoulos.

Mastering the Tidyverse 2019: Joint Statistical Meetings, Denver, CO. Taught by Garret Golemund.

Missing Data Methods for (Un)commonly Used Statistics; Conference on the Practice of Statistics, Nashville, TN Web Spring meeting 2021. Instructors: Emile Latour and Miguel Marino Oregon Health & Science University.

Mixed Models: A Critical Tool for Dependent Observations: Conference on the Practice of Statistics, Nashville, TN Web Spring meeting 2021. Instructors: Dr. Elizabeth A Claassen and Dr. Ruth M Hummel, SAS Institute / JMP Division

Tidyverse Tools in R for Data Science and Statistical Inference. Conference on the Practice of Statistics, Nashville, TN Web Spring meeting 2021. Instructor(s): Chester Ismay, DataRobot; Jessica Minnier, Oregon Health & Science University

TEACHING

These courses support degree programs in the health sciences: Microbiology, Pharmacology, Biochemistry, Nutrition, Communication Sciences, Rehabilitation Science, Medical Physics and others.

Research Design in the Health Sciences, undergraduate
Biostatistics for the Health Sciences: graduate (intro, and advanced).
Introduction to Biostatistics, undergraduate introduction
Sampling for Health Professionals; graduate
Nonparametric Statistical Analysis: graduate
Survival Analysis: graduate
Epidemiology for The Health Sciences: graduate
Multivariate Statistical Methods: graduate

Currently I teach BIOS 7550 multivariate, BIOS 7022 (second biostatistical analysis course focusing on Linear Models), and BIOS1500, introductory course for undergraduates in health sciences.

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SERVICE/ACTIVITIES

Professional Statistical Applications

Statistical reviewer for American Journal of Psychiatry, 1990-1997

Consultant, Caswell Center for the Mentally Retarded, Kinston, NC
1984-1986.

Consultant, The Columbus Organization, Inc., King of Prussia, PA (1996-2005). Most of this work dealt with risk assessment and risk mitigation for individuals with developmental disabilities.

Study Panel member for NIH Clinical Oncology Special Emphasis Panel, ZRG1 CONC (1) spring 2000-2008.

Study Panel member for NIH Cancer Biomarkers review panel, Spring 2009-2011.

Consultant, N. C. Division of Wildlife and Fisheries, 1998-2009.

Reviewer: Journal of Occupation Therapy in Health Care 2010-current,

Reviewer: Journal of Pediatric Rehabilitation, 2017-Currently

Consults: with over 100 faculty on the campus of East Carolina University.

Committee Member: 30+ Ph.D. dissertations, and over 150 Masters Theses or Projects during the 40 years I have been at East Carolina University.

Grants/Contracts

East Carolina University Diabetes Program Project: P. I., Jose Caro. M. D.
NIH Grant: DK3 6296-04, 1987-1992. Role: Biostatistician (\$4.8M)

Sexually Transmitted Diseases: P.I., Harry Adams, M.D.
NIH Grant R01 AI24916-01 1989-1994. Role: Biostatistician (\$500K)

O'Brien, K. F. Area Health Education Center award, \$30,000.00-\$43,400.00 each year (1993-2015). A Training Grant: sites at regional health centers. Award is from the Area Health Education Center, sponsored by the state of North Carolina.

Russoniello, C. & O'Brien, K.F., "A Randomized, Controlled, Study of the effectiveness of Popcap Video Games in Reducing Stress and Improving Mood". PopCap Video Games Corporation, (\$23,500). 2007-2008 Role: Biostatistician

Lee TK (PI), Johnke BM, Kovacs CJ, Allison RR, O'Brien KF, Dobbs LJ, Khazanie PG. Submitted on 01-30-2005. Radioprotective Potential of Ginseng" (1-R21-AT002639) Funded August 2005-Aug 2007 (\$178,342). Role Biostatistician.

Anderson, E. & O'Brien, K. F., Linking redox chemistry and mitochondria in atrium to post-operative arrhythmia, GOV-National Institutes of Health(NIH). 2011-2013. Role: Biostatistician

Russoniello, C., O'Brien, K. F. , Fish, M., & Bloch, R., Casual Video Game Play as an Augmentation Intervention for Depression and Co-Morbid Anxiety:

A Randomized Controlled Study, Co-Investigator, PopCap Video Games. 2012-2014. Role: Biostatistician.

James, R. F., Everhart, D. E. , Simmard, J. M. , Wainwright, K. J. and O'Brien, K.F. Prophylactic Low-dose intravenous Heparin treatment for aneurysmal subarachnoid hemorrhage. Brain Aneurysm Foundation Application. 2013-2015. Role: Biostatistician

Chia-Cheng Lin., Meardon, S and O'Brien, K. F. Fall-Specific Somatosensory Thresholds (FaSST) for improving Fall Risk Identification Measures. National Institutes of Health (NIH) 1R15AG058228-01A1 \$430,845.00. 2019-2022. Role: Biostatistician.

Houmard, J, Tanner, C, Zheng, D. Metabolic inflexibility is related to elevated muscle anaerobic glycolysis. NIH National Institute of Diabetes, Digestive, and Kidney Diseases (NIDDKD) June 2020- June 2023. Role: Biostatistician.

University and School Committees

School Personnel Action Committee (1982-1984, 1988-1990))
University Course Drop Appeals Committee (1982-1985)
University Policy and Review Committee for Human Research (1984-2002)
School Code Committee (ad hoc) (1990-1991)
University Enrollment Management Committee (1993-1994)
School Strategic Planning Committee (1993-2002)
School Minority Affairs Committee (1993- 1994)
University Graduate Council (1991-1998)
Chair Graduate Council: Faculty Appointments Sub-committee (1993-1997)
Task force on Multidisciplinary Teaching: Research Design: 1997-1998
ECU Web Masters Committee 1997-2000
Chair, School Distance Education Task Force 1999-2001
University Program Assessment Task Force 2001-2002
University MPH Development Committee 2000-2003
University Assessment of Programs Committee 2002-2004
Graduate School Administrative Committee 2004-2006
Member The Student Computing and Technology Fee subcommittee of the Information Resources Coordinating Council 2003-2005
Member University Task Force for Faculty Development 2006-2008
BioSensory Research Group in Allied Health 2003-2005
ECU Information Technology Strategic Planning Committee 2010
Chair, Physician Assistant Personnel Committee 2003-2012
Three committees dealing with the Universities reaccreditation in 2013
Member Physical Therapy Personnel Committee 2009-2015
Member of the University Distance Education Council 2005-2015
Program Assessment Committee 2008-2015
Member Council on Faculty Excellence 2007-2018

Faculty Credentialing Committee, 2011-2015
University Bilateral Agreements Committee 2012-2015
Faculty Certification Committee 2011-2015

Current School and University Committees

Member BIOS Dept Personnel Committee 1983-Current

Administrative Assignments

Director, School Computer Laboratory, (1990-2006)

Student Computer and Technology Fee Awards, with Don Holbert, Co-writer. ECU internal grants: \$73,000.00 in 1992, \$46,000.00 in 1994, \$57,000.00 in 1995, \$27,321.00 in 1996, \$33,306.00 in 1997 and \$27,229.80 for 1998. Funds were used to establish and maintain a computing lab in the school and to enhance instruction with computers or technology.

Director for Distance Education Programs, Allied Health Sciences. (2001-2006) operating budget of roughly \$458,000.00, six faculty positions and one support staff. The positions have now been moved to the various departments as well as much of the operating budget.

Duties as Associate Dean for Academic Affairs in the College of Allied Health Sciences which included: Recruitment, Admission and Retention of students into the college's programs. Assignment of tuition remissions and Assistantship monies for graduate students. The marketing and recruiting components included developing and maintaining the College's web pages. I was involved with course and program development in all departments as well as academic policies and procedures, and oversight of tuition remissions for graduate students. Instructional technology: including faculty computers, and all class-room technology used in support for distance education. Additionally, I managed the classroom space in the college. supervised three staff in this assignment (2 Instructional Technologists and 1 Marketing person), and I had access to a shared office assistant. **These duties ended on June 30, 2015.**

Community Service

Grounds Committee, Eastern Elementary School,
Pitt County School System, 1988-1994, Co-chairman 1988-1990.

Commission on Church and Society,
Jarvis Memorial United Methodist Church, 1989-1994.

Pitt County Caring Program Council. Board member from 1990-1998 (This program acquired funds from NC Blue Cross and Blue Shield to provide health insurance for children in low income families.

Grounds Committee, E. B. Aycock Middle School,
Pitt County School System, 1994-1996.

BIBLIOGRAPHY

- O'Brien, K.F., Suchindran, C.M. and Koo, H. (1978). A classification problem involving marital-birth patterns. American Statistical Association Proceedings of the Social Statistics Section. pp. 639-644.
- O'Brien, K.F. (1979). Life tables with covariates. American Statistical Association Proceedings of the Social Statistics Section. pp. 421-424.
- O'Brien, K.F. and Suchindran C. M. (1980). A method for comparing life tables from complex survey data. American Statistical Association Proceedings of the Social Statistics Section. pp. 211-215.
- O'Brien, K.F. (1981). (dissertation) A life table methodology for complex survey data. Institute of Statistics Mimeo Series No. 1337, The University of North Carolina, Chapel Hill, N.C.
- Dudek, R.W., Kawabe, T., Brinn, J.E. and O'Brien, K.F. (1984). Glucose affects in-vitro maturation of fetal rat islets. Endocrinology, 114(2), pp. 582-587.
- Israel, R.G., Leppo, M.L., O'Brien, K.F. and Bond, V. (1984). Cardio respiratory and perceived exertion to different body positions during sub maximal arm ergometry. American Corrective Therapy Journal, 38(4), pp. 89-93.
- Israel, R.G., Sutton, M. and O'Brien, K.F. (1985). Effects of aerobic training on primary dysmenorrhea symptomatology in college females. Journal of American College Health, 33, pp. 241-244.
- Donnelly, J.E., Brown, T., Israel, R.G., Smith-Stineck, S., O'Brien, K.F. and Caslavka, B. (1985). Hydrostatic weighing without head submersion. Medicine and Science in Sports and Exercise, 17(2), pp. 204-207.
- Somes, G.W. and O'Brien, K.F. (1985). The Mantel-Haenszel test statistic. Encyclopedia of Statistical Sciences, 5, pp. 214-217.
- Somes, G.W. and O'Brien, K.F. (1985). The odds ratio. Encyclopedia of Statistical Sciences, 6, pp. 407-410.
- Comacho, M. S., Zallen, E.M. and O'Brien, K.F. (1985). Bagged lunches of children in kindergarten through third grade. School Food Service Research Review, 8(2), pp. 122-125.

Daniel, H.J., O'Brien, K.F., McCabe, R. and Quintar, V. (1985). Values in mate selection: a campus survey. College Student Journal, 19(1), pp. 44-50.

O'Brien, K.F. and Suchindran, C.M. (1985). A life table regression for complex survey data. Biometrical Journal, 27(6), pp. 775-782.

Breedlove, R.L., Dohm, G.L., Goforth, J.F., O'Brien, K.F., and Israel, R.G. (1985). Effects of age and sex on post-exercise serum creatinine kinase activity. IRCS Medical Science, 13, pp. 1089-1090.

Israel, R.G., Hardison, T. and O'Brien, K.F. (1985). Physiological response of able-bodied and paraplegic males to maximal arm ergometry. Resources in Education ERIC Document SPO 24988, U.S. Department of Education.

Silverman, J., Timmons, R., Leonard, J., Hardy, I., Lawrence, H., O'Brien, K.F. and Norris, T. (1986). Cytological results of fine needle aspiration biopsies of the central nervous system. Cancer, 58, pp. 1117-1121.

Glover, E.D., O'Brien, K.F. and Holbert, D. (1987). Prevalence of smokeless tobacco use in Pitt county North Carolina. The International Journal of Addictions, 6, pp. 557-565.

Delozier, M., Israel, R.G., O'Brien, K.F., Shaw, R.A. and Pories, W.J.(1986). Body composition and aerobic capacity in morbidly obese females. Adapted Physical Activity Quarterly, 3(3), pp. 259-267.

O'Brien, K.F. and Holbert, D. (1987). A note on the choice of statistic for testing hypotheses regarding seasonality. American Journal of Physical Anthropology, 72(4), pp. 523-524.

O'Brien, K.F. and Israel, R.G. (1987). Response: Why does everyone use the .05 level of significance? . Research Quarterly for Exercise and Sport, 58(1), pp. 85-86.

LaMendola, W.F., Zaharia, E.S. and O'Brien, K.F. (1987). Foundation care: a treatment model for non-ambulatory profoundly retarded persons. American Journal of Mental Deficiency, 4, pp. 341-347.

Barakat, H.A., Carpenter, J.W., Yates, A.L., Hanna, W.R., O'Brien, K.F. and Dohm, G.L. (1987). Effects of exercise on lipogenic enzyme activity and glyceride synthesis by liver homogenates of diabetic rats. Metabolism, 36(10), pp 983-987.

Bell, J.A., Bredderman, P.J., Stanghorn, M.K., and O'Brien, K.F. (1987). Faculty input in book selection: a comparison of alternative methods. Bulletin of Medical Library Association, 75(3), pp. 228-233.

Madakasira, S. and O'Brien, K.F. (1987). Acute post-traumatic stress disorder in victims of natural disaster. Journal of Nervous and Mental Disease, 175(5), pp. 286-290.

Silverman, J.F., Lannin, D.R., O'Brien, K.F. and Norris, H.T. (1987). The triage role of fine needle aspiration biopsy of palpable breast masses: diagnostic accuracy and cost effectiveness. Acta Cytologica, 37, pp. 731-735.

Dunn, P., Ryan, I. and O'Brien, K.F. (1988). College students' acceptance of adoption and five alternative fertilization techniques. Journal of Sex Research, 24, pp. 282-287.

Evans, P.E., Israel, R.G., Flickinger, E.G., O'Brien, K.F., and Donnelly, J.E. (1989). Hydrostatic weighing without head submersion in morbidly obese females. American Journal of Clinical Nutrition, 50, pp. 400-404.

O'Brien, K. F., Long, S. and Mooney, N. (1989). Letter: Hyperinsulinemia and coronary artery disease. The New England Journal of Medicine. 321(8) pp. 616-618.

Israel, R. G., Houmard, J. A., O'Brien, K. F., McCammon, M. R., Zamora, B. S. and Eaton, A. W. (1989). Validity of a near-infrared spectrophotometry device for estimating human body composition. Research Quarterly for Exercise and Sport. 60(4) pp. 379-383.

Porretta, D. and O'Brien, K. F. (1989). The status of physical education for handicapped students in North Carolina public schools. The North Carolina Journal. 25(2) pp. 27-30.

Silverman, J.F., Finley, J.L., O'Brien, K.F., Dabbs, D.J., Park, H.K., Larkin, E.W. and Norris, H. T. (1989). Diagnostic accuracy and role of immediate interpretation of fine-needle aspiration biopsies from multiple sites, Acta Cytologica, 33(6) pp. 791-796.

Smith, L. L., McCammon, M., Smith, S., Chamness, M., Israel, R. G. and O'Brien, K. F. (1989). White blood cell response to uphill walking and downhill jogging at similar metabolic loads. European Journal of Applied Physiology 58, pp. 833-837.

Turner, R. G., Waivers, L. E. and O'Brien, K. F. (1990). The effect of patient-carried reminder cards on the performance of health maintenance measures. Archives of Internal Medicine. 150 pp. 645-647.

Zallen, E.M., Hooks, L. and O'Brien, K.F. (1990). Salt taste perceptions and performance of elderly and young adults. Journal of the American Dietetic Association, 90(7), pp. 947-950.

Holbert, D., Chenier, T. and O'Brien, K.F. (1990). Trend analysis for repeated measure designs. Medicine and Science in Sports and Exercise, 22(6), pp. 871-878.

Silverman, J. F., OBrien, K. F., Long, S., Leggett, N., Khazanie, P. G., Pories, W. J., Norris, H. T., and Caro, J. F.(1990). Liver pathology in morbidly obese patients with and without diabetes. The American Journal of Gastroenterology, 85(10), pp. 1349-1355.

Israel, R. G., Evans, P., Pories, W. J., O'Brien, K. F., and Donnelly, J. E. (1990). Comparison between two methods of hydrostatic weighing without head submersion in morbidly obese females. Diabetes Research and Clinical Practice, 10, pp. s133-s136.

Israel, R. G., Pories, W. J., O'Brien, K. F., and McCammon, M. R. (1990). Sensitivity and specificity of current methods for classifying morbid obesity. Diabetes Research and Clinical Practice, 10, pp. s145-s147.

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Chen, J. J., Leggett, N., O'Brien, K. F., Long, S. D., Khazanie, P. G., Dohm, L. G., Sinha, M. K., Barakat, H. A., Pories, W. J. and Caro, J. F. (1990). Chapter 57: Insulin action in obesity and diabetes. Progress in Obesity Research, Ed. Y. Oomura et. al., John Libbey & Company, London, pp. 365-369.

O'Brien, K.F., Tate, K. and Zaharia, E.S. (1991). A study of mortality in a large southeastern institute for the mentally retarded. American Journal of Mental Retardation. 95(4) pp. 397-403.

Barakat, H. A., McLendon, V. D., Carpenter, J. W., Marks, R. H. L., Legett, N., O'Brien, K. F., and Caro, J. F. (1991). Lipogenic potential of liver from morbidly obese patients with and without non-insulin dependent diabetes. Metabolism , 40(3), pp. 280-285.

J. Houmard, Israel, R., McCammon, M., O'Brien, K. F., Omer, J. , and Zamora, B. . (1991) Validity of a near-infrared device for estimating body composition in a college football team. Journal of Applied Sports Science Research. 5, pp. 53-59.

Porretta, D. L. and O'Brien, K. F. (1991). The use of contextual interference trials by mildly mentally handicapped children. Research quarterly for Exercise and Sport. 62, pp. 53-59.

Houmard, J., Craib, M. W., O'Brien, K. F., Smith, L. L., Israel, R. G. and Wheeler, W. S. (1991). Peak runnign velocity, submaximal energy expenditure, VO2Max and 8km distance running performance. Journal of Sports Medicine and Physical Fitness. 31, pp. 345-350.

Daughtry, S. B., O'Brien, K. F., Long, S. D. and Scharf, D. R. (1992). Role of industry representatives in providing assistance to certified diabetes educators. Diabetes Care, 15, pp. 1-3.

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Pories, W. J., K. G. MacDonald Jr., E. J. Morgan, M. K. Sinha, G. L. Dohm, M. S. Swanson, H. A. Barakat, P. G. Khazanie, N. Legget-Frazier, S. D. Long, K. F. O'Brien, and J. F. Caro. (1992). Surgical treatment of obeisty and its effect on diabetes:10-y follow-up. American Journal of Clinical Nutrition. 55, pp. 582s-585s.

Hortobagyi, T., Israel, R. G., Houmard, J. A., McCammon, M. R. and O'Brien, K. F. (1992). Comparison of body composition assessment by hydrodensitometry, skinfolds and multiple site spectrophotometry. European Journal of Clinical Nutrition. 46, pp. 205-211.

Eaton, A. W., Israel, R. G., Hortobagyi, T., O'Brien, K. F. and McCammon, M. R. (1992). Comparison of four methods to assess body composition in women. European Journal of Clinical Nutrition. 47, pp. 353-360.

Treadwell, E. L., Cohen, P., Williams, D., O'Brien, K. F., Volkman, A. and Eisenberg, R. (1993). MRL mice produce anti-SU autoantibody, a specificity associated with systemic lupus erythmatosus. The Journal of Immunology. 150(2), pp. 695-699.

Barakat, H. A., Mooney, N., O'Brien, K. F., Long, S., Khazani, P. G., Pories, W. and Caro, J. F. (1993). Coronary heart disease risk factors in morbidly obese women with normal glucose tolerance. Diabetes Care, 16, pp. 144-149.

Hortobagyi, T., Israel, R. G. and O'Brien, K. F. (1994). Sensitivity and specificity of the Quetlet index to assess obesity in men and women. European Journal of Clinical Nutrition. 48, pp. 369-375.

Turner, R. G., Peden, J. G. and O'Brien, K. F. (1994). Patient-carried prompt cards vs computer-generated prompts to remind private practice physicians to perform health maintenance measures. Archives of Internal Medicine. 154 pp. 1957-1960.

Hough, M. S., Daniel, H. J., Snow, M. A., O'Brien, K. F. and Hume, W. G. (1994) Gender differences in lateralization of speaking and singing. Neuropsychologia, 32, pp 1067-1078.

O'Brien, K. F. (1994). On the analysis of 2x2 tables. Computers in Biomedicine. 27 pp 434-440.

Israel, R. G., Zamora, B. S., Jakicic, J. M., Hortobagyi, T., K. F. O'Brien, and Donnelly, J. E. (1995). Number of trials of underwater weighing necessary to estimate percent body fat. Sports Medicine, Training and Rehabilitation, 5, pp 247-253.

Langley, R. L., Pryor, W. H. and K. F. O'Brien. (1995). Health hazards among veterinarians: a survey and review of the literature. Journal of Agromedicine, 2 pp 23-52.

Dunn, C. Marquardt, L. Dunn, P., O'Brien, K.F. and Felts, M. (1995). Eating habits among adolescents. The North Carolina Journal, 31, pp 7-9.

Lee, T. K., O'Brien, K.F., Means, D. and Karlsson, E.(1997). Reliability of finger stick capillary blood for lymphocyte assay. Mutagenesis, 12(2), pp 101-103.

Benson, N. Sylvian. M., Nimmo, T. Dunn, K, Good, B. and O'Brien, K.F. (1997). Influence of demographic variables in prehospital treatment of patients with chest pain. Prehospital Emergency Care, 1, pp 19-22.

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Lee, T. K., O'Brien, K. F., Wiley, A. L. and Karlsson, U. L. (1998). Effect of hyperthermia on radiation induced micronuclei in lymphocytes of cancer patients before and during radiotherapy. Mutation Research, 414 (1) pp. 1-8.

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O'Brien, K.F. Zaharia, R. (1998). Is it life threatening to live in the community? Mental Retardation, 36(5), 408-409.

Lee, T. K., Eaves, G., Christie, K., Varga, L. and O'Brien, K. F.(1999). Effect of blood storage on micronuclei in human lymphocytes. Mutation Research, 415 (3) pp. 78-81.

T.K. Lee, K.F. O'Brien, J.L. Naves, K.I. Christie, H.H. Arastu, G.S. Eaves, A.L. Wiley, U.L. Karlsson and M.R. Salepour (2000). Micronuclei in lymphocytes of prostate cancer patients undergoing radiation therapy, Mutation Research (469) pp. 63-70.

T. K. Lee, Allison, R., O'Brien, K. F., Naves, J. L., Karlsson, U. L. and Wiley, A. L. (2002). Persistence of Micronuclei in Lymphocytes of Cancer Patients after Radiotherapy. Radiation Therapy, 157 (6), 678-684.

Russenello, C. V. Skalko, T. K., O'Brien, K. F., McGhee, S. K., Bingham-Alexander, D. and Beatley, J.(2002) Childhood Posttraumatic Stress and Efforts to Cope after Hurricane Floyd. Behav Med. Summer, 28(2):61-71.

Tung-Kwang Lee, Ron R. Allison., Kevin F. O'Brien, Roberta M. Johnke, Karen I. Christie , James L. Naves, Charles J. Kovacs, Hyder Arastu and Ulf L. Karlsson. (2003) Lymphocyte radiosensitivity correlated with pelvic radiotherapy morbidity. International Journal of Radiation Oncology, Biology and Physics Volume 57, Issue 1, Pages 222-229

Tung-Kwang Lee, Ron R. Allison., Kevin F. O'Brien, Prabhaker G. Khazanie, Roberta M. Johnke, Randy Brown, Richard M. Bloch, Matthew L. Tate, Larry J. Dobbs, and Peter Kragel. (2004). Ginseng reduces the micronuclei yield in lymphocytes after irradiation. Mutation Research, 557, p. 75-84.

Kumar, Shekar, P., Brewington, Stacy D., O'Brien, Kevin. F. and Movahed, Assad. (2004). International Journal of Cardiology, May 25;101(2):219-22..

Tung-Kwang Lee, Ron R. Allison., Kevin F. O'Brien and Roberta Johnke, Charles J. Kovacs, Matthew L. Tate and Ulf L. Karlsson (2004). Intrinsic radiosensitivity determined by micronuclei production in lymphocytes: correlation with radiation morbidity in patients with malignancies of lung, and head and neck. Lung Cancer, 46 Sup.1, p. S46-47.

Weathers, M.D., Kitsantas, P., Lever, T., O'Brien, P., Campbell, S., Rastatter, M. (2004). Recognition accuracy and reaction time of vocal expressions of emotion by African-American and Euro-American college women. *Percept Mot Skills*. Oct; 99(2):662-8.

Tung-Kwang Lee, Roberta M. Johnke, Ron R. Allison., Kevin F. O'Brien and Larry J. Dobbs. (2005). Radioprotective Potential of Ginseng. Mutagenesis, Jul20(4), p. 237-243.

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Kevin F. O'Brien, Ph.D.
Room 2211 East Carolina Heart Institute
Mail Stop 747
Department of Public Health
East Carolina University
Greenville, NC 27834
Obrienk@ecu.edu