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EDUCATION

S.U.N.Y. Binghamton, Harpur College, N.Y.	B.A. (Mathematics)
University of Massachusetts, Amherst, M.A.	M.S. (Biostatistics)
Columbia University School of Public Health, N.Y.	Dr.P.H. (Biostatistics)

ACADEMIC APPOINTMENTS

Professor, Department of Epidemiology and Population Health
 Albert Einstein College of Medicine, Bronx, N.Y.

Senior Lecturer, Graduate School of Health Sciences
 New York Medical College, Valhalla, N.Y.

Adjunct Assistant Professor, Biostatistics
 Columbia University School of Public Health, New York, N.Y.

GRANT SUPPORT

Co-Investigator NIH/NICHD 1R01 HD049763-01 (Bonuck) Boosting Breastfeeding in Low-Income, Multiethnic Women: A Primary Care-Based RCT	2007-2012
Principal Statistician NIH/NCMHHD 1 P60 MD000514-01 (Strelnick) Research Center of Excellence	2007-2012
Director, Statistical Mentoring 9K30RR022263-07 K30PI (Marantz) NIH/NCRR Clinical Research Curriculum Award	2006-2011
Senior Statistician. NIH/NIAID 1P30AI051519 (Goldstein) Center for AIDS Research	2003- 2008
Senior Statistician NYS DOH AIDS Institute (Zingman) Community-Based HIV Primary Care and Prevention Services Grant: Development of a HIV-HCV Program at the Montefiore Infectious Diseases (ID) Clinic.	2003- 2008
Co-Investigator NIH/NICHD 1 R21 HD052721-01(Isasi)	2008-2010
Principal Investigator of Subcontract. 1 R03 EY015287-01 (Gilbert) National Eye Institute. Statistical Analysis: Retinochoroiditis in Congenital Toxoplasmosis	2004- 2006
Co-Investigator. Robert Wood Johnson Foundation (Kennedy) Clinical Trial of Telephone Intervention for Depression Medication Adherence and Healthcare Cost Containment	2004- 2006
Core Director Shared Resources, Bronx CREED. 1 P60 MD000514-01 (Strelnick) National Center on Minority Health and Health Disparities	2003- 2007

Co-Investigator. AHRQ grant HS 10900 (Bonuck) Economic Impact of Breast-Feeding Promotion Intervention	2000- 2004
Co-Investigator. “Economic Impact of Breast-Feeding Promotion Intervention” Agency for Healthcare Research and Quality Karen Bonuck, Ph.D. Principal Investigator	2000- 2004
Co-Investigator. 1K-30HL04110-01(Marantz) National Heart Lung and Blood Institute Clinical Research Training Program	1999- 2004
Principal Investigator. Clinical and Biostatistical Core “Studies of Papillomas from the Upper Respiratory Tract” NIDCD DC00203-15A1, Bettie Steinberg, Ph.D. Principal Investigator	1999- 2004
Co-Investigator. “Optimization of PDT Using meso-Tetra Hydroxyphenyl Chlorin” NIDCD DC04039-01, Mark Shikowitz, M.D. Principal Investigator	1999- 2004
Co-Investigator, Member Steering Committee, Member Admissions Committee, Director of Biostatistics Curriculum, “Clinical Research Training Program”, NHLBI, Paul Marantz, M.D., Principal Investigator	1999- 2004
Co-Principal Investigator. “Impact of Time and SCBA Tank Utilization on Injury Prevention in Fire Fighters.” NIOSH G 1R010H03802-01 David Prezant, M.D. Principal Investigator	1998- 2001
Principal Investigator. “Epidemiology of Family Centered Stress Among those with a Child with a Brain or Spinal Cord Tumor.” Award from the Children’s Brain Tumor Foundation.	1996- 1999
Principal Investigator of Subcontract. “Studies of Papillomas from the Upper Respiratory Tract.” NIDCD #2P50DC0023-12A2. Bettie Steinberg, Ph.D. Principal Investigator.	1995- 1999
Principal Statistician. “Controlled Treatment Trial of Patients with Lyme Disease.” Award # RO1 AR41508 from the National Institute of Musculoskeletal and Skin Diseases. Robert Nadelman, M.D. Principal Investigator.	1992- 1997
Principal Statistician. “Incidence of Human Granulocytic Ehrlichiosis and Babesiosis After <i>Ixodes Scapularis</i> Tick Bites in Westchester County, NY.” Award # U50/CCU 210286 Centers for Disease Control and Prevention. Robert Nadelman, M.D. Principal Investigator.	1990- 2001
Co-Investigator. “Pediatric AIDS Clinical Trials Group.” NIAID.Division of AIDS. # 1 UO1 AI27533-01A1, Arye Rubinstein, M.D. Principal Investigator.	1989- 1994
Senior Statistician. “Adult AIDS Clinical Trials Group.” Award # 3VO1AI27671 from the National Institutes of Allergy and Infectious Diseases, Division of AIDS. Ruy Soeiro, M.D. Principal Investigator.	1988- 1993

PUBLICATIONS:**ORIGINAL COMMUNICATIONS IN REVIEWED JOURNALS:**

1. Gocka E.F., Conner L.E., **Freeman K.**, and Wilson D. (1973) Alcoholism as a predictive index of elapsed time between grand mal seizures. *J. Clin. Psychol.* **29**:306-312.
2. Barnett H.L., Edelmann C.M., Jr, Greifer I., Spitzer A., **Freeman K.**, and ISKDC. (1978) Nephrotic Syndrome in Children: Prediction of Histopathology from Clinical and Laboratory Characteristics at Time of Diagnosis. A Report of the International Study of Kidney Disease in Children. *Kidney Int.* **13**:159-165.
3. Eviatar L., Miranda S., Eviatar A., and **Freeman K.**, Borkowski M. (1979) The Development of Nystagmic Response to Vestibular Stimulation in Infants. *Ann. Neurol.* **5**:508-514.
4. Barnett H.L., Edelmann C.M., Jr, Greifer I., Spitzer A., **Freeman K.**, and ISKDC. (1981) Nephrotic Syndrome in Children: A Report of the International Study of Kidney Disease in Children. *J. Pediatr.* **95**:239-243.
5. Barnett H.L., Edelmann C.M., Jr., Greifer I., Spitzer A., **Freeman K.**, and ISKDC. (1981) Primary Nephrotic Syndrome in Children: Clinical Significance of Histopathologic Variants of Minimal Change and of Diffuse Mesangial Hypercellularity. A Report of the International Study of Kidney Disease in Children. *Kidney Int.* **20**:765-771.
6. Condit D., **Freeman K.**, and Brodman R. (1987) Hyperamylasemia in Cardiac Surgical Patients Receiving Hydroxyethyl Starch. *J. Crit. Care* **2**:36-38.
7. Jackson, B., **Freeman, K.**, and Chagares, R. (1987) The Effects of the Clinitron Bed on Pressure Ulcers. *J. Nurs. Adm.* **17**:11-15.
8. Ascer E., White S.A., Veith F.J., Morin L., **Freeman K.**, and Gupta S.K. (1987) Outflow Resistance Measurement During Infringuinal Arterial Reconstructions: Reliable Predictor of Limb Salvage. *Am. J. Surg.* **154**:185-188.
9. Klein R.S., Phalen J.A., **Freeman K.**, Schable C., Friedland G.H., Trieger N., and Steigbigel N.H. (1988) Low Occupational Risk of Human Immunodeficiency Virus Infection Among Dental Professionals. *N. Engl. J. Med.* **318**:86-90.
10. Link R., Feingold A., Charap M., **Freeman K.**, and Shelov S. (1988) Concerns of Medical and Pediatric House Officers about Acquiring AIDS from their Patients. *Am. J. Public Health* **78**:455-459.
11. Jackson B., Chagares R., Nee N., and **Freeman K.** (1988) The Effects of a Therapeutic Bed on Pressure Ulcers: An Experimental Study. *J. Enterostomy Therapy* **15**:220-226.
12. Klein R.S., Selwyn P.A., Maude D., Pollard C., **Freeman K.**, and Schiffman G. (1989) Response to Pneumococcal Vaccine Among Asymptomatic Heterosexual Partners of Persons with AIDS and Intravenous Drug Users Infected with Human Immunodeficiency Virus. *J. Infect. Dis.* **160**:826-831.
13. Green S.B., Ellenberg S.S., Finkelstein D., Forsythe A., Freedman L., **Freeman K.**, Lefkopoulou M., Schoenfeld D., and Smith R. (1990) Issues in the Design of Clinical Trials for AIDS. *Control. Clin. Trials* **11**:80-87.
14. Friedland G.H., Saltzman B., Vileno J., **Freeman K.**, Schrage L.K., and Klein R.S. (1991) Survival Differences in Patients with the Acquired Immunodeficiency Syndrome. *J. Acquir. Immune Defic. Syndr.* **4**:144-153.
15. Goldstein J.D., Dickson D.W., Moser F.G., Hirschfeld A.D., **Freeman K.**, Llena J.F., Kaplan B., and Davis L. (1991) Primary Central Nervous System Lymphoma in Acquired Immune Deficiency Syndrome. *Cancer* **67**:2756-2765.

16. Hegarty A.M., Lipton R.B., Merriam A.E., and **Freeman K.** (1991) Cocaine as a Risk Factor for Acute Dystonic Reactions. *Neurology* **41**:1670-1672.
17. Klein R.S., **Freeman K.**, Taylor P.E., and Stevens C.E. (1991) Occupational Risk for Hepatitis C Virus Infection Among New York City Dentists. *Lancet* **338**:1539-1542.
18. Prezant D.J., Valentine D.E., Gentry E.I., Richner B., Cahill J., and **Freeman K.** (1993) Effects of Short-Term and Long-Term Androgen Treatment on the Diaphragm in Male and Female Rats. *J. Appl. Physiol.* **75**:1140-1149.
19. Haramati N., Staron R.B., Mazel-Sperling K., **Freeman K.**, Nickoloff E.L., Barax C., and Feldman F. (1994) CT Scans Through Metal Scanning Technique Versus Hardware Composition. *Comput. Med. Imaging Graph.* **18**:429-434.
20. Dallam L., Smyth C., Jackson B., Krinsky R., O'Dell C., Rooney J., Badillo C., Amella E., Ferrara L., and **Freeman K.** (1995) Pressure Ulcer Pain: Assessment and Quantification. *J. Wound Ostomy Continence Nurs.* **22**:211-218.
21. Suss A.L., Tinkelman B., **Freeman K.**, and Friedman S.B. (1996) School Attendance, Health-Risk Behaviors and Self-Esteem in Adolescents Applying for Working Papers. *Bull. N Y Acad. Med.* **73**:255-265.
22. Jacobs L.G., Skidmore E.A., **Freeman K.**, Lipshultz D., and Fox N. (1996) Oral Fluconazole Compared with Bladder Irrigation with Amphotericin B for Treatment of Fungal Urinary Tract Infections in Elderly Patients. *Clin. Infect. Dis.* **22**:30-35.
23. Rubin D.M., Eisig S., **Freeman K.**, and Kraut R.A. (1997) Effect of supplemental gases on end-tidal CO₂ and oxygen saturation in patients undergoing fentanyl and midazolam outpatient sedation. *Anesth. Prog.* **44**:1-4.
24. Strauch B., Lang A., Ferder M., Keyes-Ford M., **Freeman K.**, and Newstein D. (1997) The Ten Test. *Plast. Reconstr. Surg.* **99**:1074-1078.
25. Ryan R., Walker G., **Freeman K.**, and Cisneros G.J. (1997) The Effects of Ion Implantation on Rate of Tooth Movement: An in vitro model. *Am. J. Orthod. Dentofacial Orthop.* **112**:64-68.
26. Evanko A.M., **Freeman K.**, and Cisneros G.J. (1997) Mesh Diagram Analysis: Developing a Norm for Puerto Rican Americans. *Angle Orthod.* **67**:381-388.
27. Hamerman D., **Freeman K.**, and Stanley E.R. (1998) Colony Stimulating Factor-1 in Synovial Fluids From Osteoarthritic and Injured Knees. *Letter Ann. Rheum. Dis.* **57**:260-261.
28. Shikowitz M., Abramson A., **Freeman K.**, Steinberg B., and Nouri M. (1998) Efficacy of DHE Photodynamic Therapy for Respiratory Papillomatosis: Immediate and Long Term Results. *Laryngoscope* **108**:962-967.
29. Rahal J.J., Urban C., Horn D., **Freeman K.**, Segal-Maurer S., Maurer J., Mariano N., Marks S., Burns J., Dominick D., and Lim M. (1998) Hospital-wide Withdrawal of Cephalosporin Use for Control of Total Resistance to Cephalosporins in *Klebsiella*. *JAMA.* **280**:1233-1237.
30. Del Rowe J., Bello J., Mitnick R., Sood B., Philippi C., Moran J., **Freeman K.**, Mendez F., and Bases R. (1998) Accelerated Regression of Brain Metastases in Patients Receiving Whole Brain Radiation and the Topoisomerase II inhibitor, Lucanthone. *Int. J. Radiat. Oncol. Biol. Phys.* **42**:1-5.
31. Bartling R., **Freeman K.**, and Kraut R.A. (1999) The incidence of altered sensation of the mental nerve after mandibular implant placement. *J. Oral Maxillofac. Surg.* **57**:1408-1412.
32. Gourevitch M., Hartel D., Tenore P., **Freeman K.**, Marion I., Hecht J., and Lowinson J. (1999) Three Oral Formulations of Methadone: A clinical and pharmacodynamic comparison. *J. Subst. Abuse Treat.*

17:237-241.

33. Potters L. and **Freeman K.** (1999) Prostatectomy, External Beam Radiation Therapy, or Brachytherapy for Localized Prostate Cancer. authors' reply *JAMA*. **281**:1584.
34. Mankad B., Cisneros G.J., **Freeman K.**, and Eisig S.B. (1999) Prediction accuracy of soft tissue profile in orthognathic surgery. *Int. J. Adult Orthodon. Orthognath. Surg.* **14**:19-26.
35. Berger A.R., Schaumburg H.H., Gourevitch M.N., **Freeman K.**, Herskovitz S., and Arezzo J.C. (1999) Prevalence of peripheral neuropathy in injection drug users. *Neurology* **53**:592-597.
36. Cha C.M., Potters L., Ashley R., **Freeman K.**, Wang X.H., Waldbaum R., and Leibel S. (1999) Isotope selection for patients undergoing prostate brachytherapy. *Int. J. Radiat. Oncol. Biol. Phys.* **45**:391-395.
37. Potters L., Cha C.M., Ashley R., **Freeman K.**, Waldbaum R., Wang X.H., and Leibel S. (2000) The Role of External Beam Irradiation in Patients Undergoing Prostate Brachytherapy. *Urol. Oncol.* **5**:112-117.
38. **Freeman K.**, O'Dell C., and Meola C. (2000) Issues in Families of Children with Brain Tumors. *Oncol. Nurs. Forum* **27**:843-848.
39. Prezant D., **Freeman K.**, Kelly K., Malley K., Karwa M., McLaughlin M., Hirschhorn R., and Brown A. (2000) Impact of a Design Modification in Modern Firefighting Uniforms on Burn Prevention Outcomes in New York City Firefighters. *J. Occup. Environ. Med.* **42**:827-834.
40. Nadelman R.B., Nowakowski J., Fish D., Falco R., **Freeman K.**, McKenna D., Welch P., Marcus R., Agüero-Rosenfeld M., Dennis D.T., and Wormser G.P. (2001) Single Dose Doxycycline Prophylaxis for Prevention of Lyme Disease after an *Ixodes scapularis* Tick Bite: A Randomized Double-blinded Placebo-controlled Study. *N. Engl. J. Med.* **345**:79-84.
41. **Freeman K.**, Smyth C., Dallam L., and Jackson B. (2001) Pain Measurement Scales: A Comparison of the Visual Analogue and Faces Rating Scales Used in Measuring Pressure Ulcer Pain. *J. Wound Ostomy Continence Nurs.* **28**:290-296.
42. **Freeman K.**, O'Dell C., and Meola C. (2001) Focus Group Methodology for Parents, Siblings and Children Diagnosed with a Brain or Spinal Cord Tumor. *J. Pediatr. Oncol. Nurs.* **18**:276-286.
43. Badner V.M., Karasz A., Simoyan O.M., and **Freeman K.** (2001) Assessment and Service Utilization Study of Dental Care for HIV-infected Persons in New York City. *Report for the City of New York, Office of the Mayor.*
44. Bonuck K., Arno P.S., Memmott M.M., **Freeman K.**, Gold M., and McKee D. (2002) Breast-feeding promotion interventions: good public health and economic sense. *J. Perinatol.* **22**:78-81.
45. Abdalla A., Sheesha A.A., Shokeir M., el-Agrody O., el-Regal M.E., Abdel-Khalik M.K., **Freeman K.**, Boneberg A., and A-Kader H.H. (2002) Serum intercellular adhesion molecule-I in children with chronic liver disease: relationship to disease activity. *Dig. Dis. Sci.* **47**:1206-1208.
46. Smith R.E., Badner V.M., Morse D.E., and **Freeman K.** (2002) Maternal risk indicators for childhood caries in an inner city population. *Community Dent. Oral Epidemiol.* **30**:176-181.
47. Haut S.R., Swick C., **Freeman K.**, and Spencer S. (2002) Seizure clustering during epilepsy monitoring. *Epilepsia* **43**:711-715.

48. Silverman R.A., Osborn H., Runge J., Gallagher E.J., Chiang W., Feldman J., Gaeta T., **Freeman K.**, Levin B., Mancherje N., and Scharf S. (2002) Acute Asthma/Magnesium Study Group. IV magnesium sulfate in treatment of acute severe asthma: a multicenter randomized controlled trial. *Chest* **122**:396-98.
49. Smith M.A., Gertler T., and **Freeman K.** (2003) Medical students' perceptions of their housestaffs' ability to teach physical examination skills. *Acad. Med.* **78**(1):80-83.
50. **Freeman K.**, O'Dell C., and Meola C. (2003) Childhood brain tumors: Children's and siblings' concerns regarding the diagnosis and phase of illness. *J. Pediatr. Oncol. Nurs.* **20**(3):133-140.
51. Shaw P.M., Veith F.J., Lipsitz E.C., Ohki T., Suggs W.D., Mehta M., **Freeman K.**, McKay J., Berdejo G.L., Wain R.A., and Gargiulo III N.J. (2003) Open aneurysm repair at an endovascular center: Value of a modified retroperitoneal approach in patients at high risk with difficult aneurysms. *J. Vasc. Surg.* **38**:504-510.
52. **Freeman K.**, O'Dell C., and Meola C. (2004) Childhood Brain Tumors: Parental Concerns and Stressors by Phase of Illness. *J. Pediatr. Oncol. Nurs.* **21**:87-96.
53. Huang J.M., Anastos K., Robison E., Shi R., **Freeman K.**, Strickler H., and Steinberg J.J. (2004) Evaluation of DNA adduction of AZT in peripheral blood leukocytes of HIV-infected individuals by (32)P-post-labeling thin-layer chromatography: a feasibility study. *J. Chromatogr. B. Analyt. Technol. Biomed. Life Sci.* **810**:1-6.
54. **Freeman K.**, Oakley L., Pollak A., Buffolano W., Petersen E., Semprini A.E., Salt A., and Gilbert R. for the European Multicentre Study on Congenital Toxoplasmosis. (2005) Association between congenital toxoplasmosis and preterm birth, low birthweight and small for gestational age birth. *BJOG.* **112**:31-37.
55. Shikowitz M.J., Abramson A.L., Steinberg B.M., DeVoti J., Bonagura V.R., Mullooly V., Nouri M., Ronn A.M., Inglis A., McClay J., and **Freeman K.** (2005) Clinical trial of photodynamic therapy with meso-tetra (hydroxyphenyl) chlorin for respiratory papillomatosis. *Arch. Otolaryngol. Head Neck Surg.* **131**:99-105.
56. Salt A., **Freeman K.**, Prusa A., Malm G., Ferret N., Buffalono W., Schmidt D., Tan H.K., and Gilbert R.E. for the European Multicentre Study on Congenital Toxoplasmosis. (2005) Determinants of response to a parent questionnaire about development and behaviour in 3 year olds: European multicentre study of congenital toxoplasmosis. *BMC Pediatr.* **5**:21.
57. **Freeman K.**, Salt A., Prusa A., Malm G., Ferret N., Buffalono W., Schmidt D., Tan H.K., and Gilbert R.E. for the European Multicentre Study on Congenital Toxoplasmosis. (2005) Association between congenital toxoplasmosis and parent-reported developmental outcomes, concerns, and impairments, in 3 year old children. *BMC Pediatr.* **5**:23.
58. Ettinger L.M., **Freeman K.**, Dimartino-Nardi J.R., and Flynn J.T. (2005) Microalbuminuria and abnormal ambulatory blood pressure in adolescents with type 2 diabetes mellitus. *J. Pediatr.* **147**:67-73.
59. Bonuck K.A., **Freeman K.**, and Trombley M. (2005) Country of origin and race/ethnicity: impact on breastfeeding intentions. *J. Hum. Lact.* **21**:320-326.
60. Bonuck K., Trombley M., **Freeman K.**, and McKee D. (2005) Randomized Controlled Trial Of A Pre- And Post-Natal Lactation Consultant Intervention Upon Duration And Intensity Of Breastfeeding Up To 12 Months. *Pediatrics.* **116**:1413-26.
61. Vuguin P., Grinstein G., **Freeman K.**, Saenger P., and DiMartino Nardi J. (2006) Prediction Models for Insulin Resistance in Girls with Premature Adrenarche. The Premature Adrenarche Insulin Resistance Score: PAIR Score. *Horm. Res.* **65**:185-191.

62. Bonuck KA, **Freeman K**, Trombley M. (2006) Randomized controlled trial of a prenatal and postnatal lactation consultant intervention on infant health care use. *Arch Pediatr Adolesc Med.* **160**(9):953-960.
63. Stein MW, Grishina A, Shaw RJ, Roberts JH, Ricci ZJ, Adachi A, **Freeman K.**, and Koenigsberg M. (2006) Gray Scale and Color Doppler Sonographic Features of the Vaginal cuff and Cervical Remnant After Hysterectomy. *AJR.* **2206**:187: 1372-1376.
64. **Freeman K**, Buchanan A. Statistical Analysis of Differences Among Laws Affecting Trade Secret Enforcement. Presented at the Hawaii International Conference on Statistics, Mathematics, and Related Fields and published in 2007 Conference Proceedings, Honolulu, Hawaii January 16-19, 2007.
65. Puri M, **Freeman K**, Garcia MH, Nussbaum H, DiMartino J. (2007) Criteria for Oral Glucose Tolerance Testing of Obese Minority Youth. *J Pediatr Endocrinol Metab.* **20**(6):703-709.
66. Kuncio D, Maganzini A, Shelton C, **Freeman K**. (2007) Invisalign and Traditional Orthodontic Treatment Retention Outcomes Compared Using the American Board of Orthodontics Objective Grading System. *Angle Orthod.* **77**(5):864-869.
67. Stevanovic RD, Fisher ND, Lansang C, **Freeman K**, Hollenberg NK. Short and long term glycemic control and the state of the renin system in type 1 diabetes mellitus. *J Renin Angiotensin Aldosterone Syst.* 2007 **Jun**;8(2):85-92.
68. Rosen DJ, Patel MK, **Freeman K**, Weiss PR. (2007) A Primary Protocol for the Management of Ear Keloids. *Plast. Reconstr. Surg.* **120**(5):1395-1400.
69. **Freeman, K**, Bonuck K, Trombley M. Breastfeeding and Infant Illness in Low-Income Minority Women: A Prospective Cohort Study of the Dose-Response Relationship. *J Hum Lact (Accepted)*.
70. **Freeman K**, Tan HK, Prusa A, Petersen E, Buffolano W, Malm G, Cortina-Borja M, Gilbert RE. Predictors of retinochoroiditis in children with congenital toxoplasmosis: European, prospective cohort study. *Pediatrics (Accepted 10/07)*.
71. Book: Goswami M, Amira S, **Freeman K**, Thorpy M. (1994) Hypnagogic Hallucinations in Narcolepsy: Psychosocial Impact and Management” In Mallick BN, Singh R. Environment and Physiology. New Delhi: Narosa Publishing House, 259-269.