

## CURRICULUM VITAE

Thomas W. Woolley, Jr., Ph.D.  
Born July 28, 1954, St. Petersburg, FL  
Married with two children

Last Updated: November 18, 2009

### HOME ADDRESS:

233 Norwick Forest Drive  
Alabaster, AL 35007-8418  
(205) 664-5488

### BUSINESS ADDRESS:

Brock School of Business  
Samford University  
Birmingham, AL 35229-2306  
twwoolle@samford.edu  
<http://faculty.samford.edu/~twwoolle>

### EDUCATION:

Postdoc work	University of Oxford Templeton Fellow/Scholar in Science and Christianity	2003 - 2005
Ph.D.	Florida State University Statistics and Research Design  Dissertation: An Investigation of the Effect of the Swamping Phenomenon on Several Block Procedures for Multiple Outliers in Univariate Samples	1981
M.S.	Florida State University Biological Science Education	1977
B.S.	Florida State University Biological Science	1976

### POSITIONS HELD:

7/09 - present Chair, Department of Economics, Finance and Quantitative  
Analysis, Brock School of Business, Samford University

4/09 - present Founding Member and Senior Fellow, Samford University  
Center for Science and Religion

8/93 - present Professor of Statistics, Department of Economics, Finance  
and Quantitative Analysis, Brock School of Business, Samford University  
(tenured 5/96)

2/95 - 5/97 Director of Institutional Research, Samford University

1992 - 1993 Professor (promoted with tenure 5/92) and Vice Chair, UAB  
Department of Biostatistics

1991 - 1993 Professor (secondary), UAB Department of Optometry

1990 - 1993 Core Biostatistician, Vision Science Research Center, UAB School of Optometry

1989 - 1993 Scientist, School of Medicine, UAB Comprehensive Cancer Center

1988 - 1993 Scholar, UAB Center for Health Risk Assessment and Disease Prevention

1990 - 1992 Director, Division of Biostatistics, UAB School of Public Health

1991 - 1993 Associate Professor (secondary), UAB Department of Optometry

1990 - 1992 Associate Professor, UAB Department of Biostatistics and Biomathematics

1989 - 1990 Vice Chair, UAB Department of Epidemiology, 5/89 - 1/90

1988 - 1989 Associate Professor, Div. of Biometry, Department of Epidemiology, UAB School of Public Health (hired in 4/88 with tenure)

1981 - 1988 Assistant/Associate Professor of Statistics, Section of Medical Education, Quillen College of Medicine, East Tennessee State University (promoted & tenured 5/86)

1986 - 1988 Assistant/Associate Professor of Biostatistics (adjunct), Division of Preventive Medicine and Epidemiology, Department of Internal Medicine, Quillen College of Medicine

1984 - 1988 Assistant/Associate Professor of Biostatistics (adjunct), Division of Infectious Disease, Department of Internal Medicine, Quillen College of Medicine

1985 - 1986 Assistant Professor of Biostatistics (joint), Department of Environmental Health, School of Public and Allied Health, East Tennessee State University

1979 - 1981 Research Design and Statistical Data Analysis Consultant, Florida State University

**TEACHING RECOGNITION:**

2002, 2007: Faculty Teaching Award for Excellence in Teaching, Brock School of Business

2001-2002: John H. Buchanan Award for Excellence in Classroom Teaching, Samford University

2000: Alabama Professor of the Year - Carnegie Foundation for the Advancement of Teaching and the Council for Advancement and Support of Education

1992: President's Excellence in Teaching Award, University of Alabama at Birmingham

**HONORS AND OTHER SPECIAL COMMENTS:**

Omicron Delta Epsilon, Economics Honor Society (2007-present)  
Who's Who Among America's Teachers (2004-2005)  
Templeton Fellowship to participate in Templeton Oxford Seminars on Science and Christianity, 2003 - 2005  
Inducted, Beta Gamma Sigma Business Honorary Society (May, 2002)  
Volunteer at Tuggle Elementary School [inner city]  
Nominated for U.S. Professor of the Year, Carnegie Foundation for the Advancement of Teaching, 2001  
Selected Professor-in-Residence, Samford University Daniel House London Study Centre (spring, 2001)  
Nominated for the CASE U.S. Professor of the Year (2000)  
Elected fellow of the Royal Statistical Society (1999)  
Member of the Sigma Beta Delta Business Honorary (S.U. Chapter)  
Member of the Phi Kappa Phi National Honor Society (S.U. Chapter)  
Nominated for the Spencer Fellowship for Promising Young Scholars  
Selected to participate in the National Science Foundation's Supercomputer Research Institute, Advanced Computational Methods Center, University of Georgia, August 1986  
Invited to participate in (as a collaborator and consultant) the Statistical Process Control and Health Care Delivery workshop at the University of Tennessee (Department of Statistics and Management Development Center), summer 1992

**Computer Experience:**

Programming languages - FORTRAN, Pascal, PL/I  
Statistical packages - Minitab, SAS, SYSTAT, Stata  
Systems - CDC Cyber 845/205 (VSOS), IBM (CMS), PDP (RSTS/E), VAX (VMS), IBM PC (DOS), Cray UNICOS

**MAIN AREA OF RESEARCH OR SCHOLARLY INTEREST:**

theology of chance, St. Thomas Aquinas, statistical education/literacy, outlier detection methodology, Bayesian analysis

**MEMBERSHIPS IN PROFESSIONAL AND SCHOLARLY ORGANIZATIONS:**

Academy of Business Education\*  
Alabama Chapter of the American Statistical Association\*  
American Academy of Religion  
American Scientific Affiliation\*  
Beta Gamma Sigma Business Honorary\*  
American Statistical Association (Section on Bayesian Statistics)\*  
Center for Theology and the Natural Sciences\*  
Charles S. Peirce Society

Christians in Science\*  
Decision Sciences Institute\*  
Emerging Scholars Network\*  
European Society for the Study of Science and Theology\*  
Fellowship of Catholic Scholars\*  
International Association for Statistical Education\*  
International Society for Bayesian Analysis  
International Society for Complexity, Information and Design  
Institute on Religion in an Age of Science\*  
Mathematical Association of America  
Metanexus Institute\*  
National Association of Scholars  
National Center for Science Education\*  
Phi Kappa Phi Honor Society  
Polanyi Society  
Royal Statistical Society\*  
Science and Religion Forum of the U.K.\*  
\* Currently active memberships

#### **DESCRIPTION OF TEACHING ACTIVITIES:**

##### **Samford University**

Student Cadre Group Leader: Exploring Catholic Issues (with Sister Karen Ann Lortscher), Spring 2008  
Student Cadre Group Leader: The Openness of God (around the book of the same title), Spring 2006  
New Faculty in London Cadre: "The Convening University," May 22-29, 2005  
Student Cadre Group Leader: Finding Darwin's God (around the book of the same title), Spring 2005  
Student Cadre Group Leader: God of Chance (around the book of the same title), Spring 2004  
Honors Program (Samford): Does God Play Dice with the Universe? (with Steve Donaldson, Math & Computer Science, spring 2005)

##### *Brock School of Business (Samford)*

###### Undergraduate

Chance! (taught in London, U.K., spring 2001)  
Quantitative Methods I (calculus), II (statistics) and III (statistics)

###### Graduate

Foundations of Business Statistics  
Managerial Decision Making  
Field Study  
Executive MBA program:  
Data Presentation  
Statistical Analysis

*Orlean Bullard Beeson School of Education and Professional Studies*

Educational Research

*Howard College of Arts and Sciences*

Basic Statistics

*Ida V. Moffett School of Nursing*

Nursing Research

**University of Alabama at Birmingham**

*School of Dentistry*

Introduction to Biostatistics and Epidemiology

*School of Medicine*

Curriculum for Clinical Investigators: Intro. to Clinical

Biostatistics; Department of Internal Medicine

Introduction to Biostatistics: Department of Pediatrics, Division of  
Pulmonary Medicine

Clinical Biostatistics, Department of Pediatrics

School of Nursing

Basic Statistics for Nursing Research (undergraduate)

*School of Optometry*

Overview of Research Design and Data Analysis, Annual Departmental  
Faculty Development Series

*School of Public Health*

Biostatistics I and II

Biostatistics and Epidemiology for Third Year Dental Students

Data Collection, Management and Analysis

Introduction to Nonparametric Inference

Bioassay and Quality Control

*Vision Science Research Center*

Research Seminar Series (1990-91):

Choosing the Participants for a Clinical Study

An Overview of Clinical Research

Sample Size Estimation

Assigning Treatments to Study Participants

Choosing the Appropriate Data Analysis

Overview of Statistical Methodology

An Overview of Clinical Research

## **East Tennessee State University**

### *Quillen College of Medicine*

Medical Biostatistics  
Biostatistics (undergraduate)  
Biostatistics (graduate)  
Advanced Experimental Design  
Quantitative Skills MCAT Review for the Premedical Reinforcement and  
Enrichment Program (PREP)  
Quantitative/Math Course, E.T.S.U. MCAT Review Program  
Quillen College of Medicine Faculty Development Research Institute  
(Workshops):  
Detecting Outliers in Your Research Data  
The Analysis of Rates and Proportions  
Multivariate Data Analysis  
Correlation and Regression  
Sample Size Estimation  
Design of a Controlled Clinical Trial  
Nonparametric Statistical Techniques  
Data Management and Statistical Analysis with SYSTAT

### *School of Applied Science and Technology*

Computers in Research

### *School of Public and Allied Health*

Introduction to Biostatistics (undergraduate)  
Biostatistics (graduate)

## **Florida State University**

### *School of Education*

Introduction to Statistics for the Social and Behavioral Sciences  
(Teaching Assistant)

### *Industrial Training*

Aerojet Heavy Metals Corporation  
SAS for Data Management and Statistical Analysis

## **DESCRIPTION OF ACTIVITIES RELATED TO SERVICE, TO THE SCHOOL, TO THE PROFESSION, & TO THE COMMUNITY:**

### *Community:*

Baptist Health System Human Research Review Board, 2008-present  
John Carroll Catholic High School Academic Strategic Planning Committee,  
2008-2009

*Samford University:*

Faculty Advisor, Catholic Student Association, fall 2008-present  
Connections Group Discussion Leader, fall 2008  
Buchanan Award Selection Committee, spring 2008, 2009  
University Study Abroad Scholarship Committee (ad hoc, chaired by Nancy Biggio), 2007-2008  
Brock School of Business Scholars Initiative Committee, 2008-present  
(Chair)  
Catholic Reading Group, moderator (2008-present)  
Science and Christianity Cadre, moderator (2005-present)  
Scholars Initiative Program Director Search Committee, 2008  
Scholars Initiative Advisory Panel Scholar Selection Subcommittee  
(Chair), 2008  
Brock School of Business MBUSI (Mercedes) Pre-MBA Committee, 2007-2008  
Scholars Initiative Curriculum Committee, 2007-present  
Scholars Initiative Advisory Panel, 2007-present  
Scholars Initiative Curriculum Committee Science and Mathematics  
Subcommittee, 2007-present  
University Undergraduate Admissions Committee, 2006-2011  
Samford in Mission Inter-school Symposium Steering Committee, 2005-07  
New Faculty in London faculty leader, Daniel House, summer 2005  
Samford in Mission (SIM) Grant Review Committee, 2004-05  
University Task Force on Academic Vigor, 2004-05  
University Academic Integrity Task Force, 2004-05  
Ad Hoc Faculty Senate Committee on Academic Freedom, spring 2003 -  
present  
Ad Hoc Committee for the Review of Gender Equity (University), spring  
2002 - present  
Core Literacies Team (Quantitative Literacy core team, chair), 2003  
Ad Hoc Committee for the Review of University Promotion and Tenure  
Guidelines, spring/summer 2002  
Ad Hoc Committee for the Compilation of Faculty Survey Results (fall  
2002)  
Honors Council (2001-04)  
Faculty Senator from the School of Business (2001-05)  
University Faculty Development and Evaluation Committee (2001-02,  
2007-08)  
University Awards Committee (2000-01)  
Faculty Advisor, School of Business Undergraduate Student Advisory  
Council (1999-00)  
University Student Showcase Committee (1998-present)  
School of Arts and Sciences, Department of Mathematics 1997-98 Faculty  
Search Committee  
University Curriculum Committee, 1996-00 (Chair, '98-'99)  
Faculty Advisor, Junior Class (1995-present)  
Faculty Advisor, Circle K Club, 1994-95  
University Student Affairs Committee, 1993-95  
University Spiritual Formations Committee, 1994  
University Baldrige Translation Team/Steering Committee, 1993-96  
School of Business Mercedes Benz MBA pre-MBA Curriculum Committee,  
Chair, 2007-08  
School of Business Dean Search Committee, 2004-05

School of Business Promotion and Tenure Committee, 1996 - present  
(Chair, 2001-02, 2003-04, 2007-08)  
School of Business Strategic Planning/Governance Council, 2001-03  
(Chair, 2001-02)  
School of Business Undergraduate Process Team, 1996-99 (Chair), 2003-07  
(Chair, 2005-07)  
School of Business Curriculum Committee, 1993-94  
School of Business Executive-MBA Program Committee, 1993-94  
School of Business Computer Committee, chair, 1993-94  
School of Business Total Quality Management Team, 1993-95

*UAB School of Public Health:*

Ad Hoc Interim Accreditation Report Committee, 1991  
Ad Hoc Merit Pay Advisory Committee, 1990  
Ad Hoc MPH Committee, 1992-93  
Ad Hoc Recruitment Committee, 1991-93  
Ad Hoc Teaching Award Planning Committee, 1991  
Faculty Affairs Committee, 1990-93  
Student Government Association Faculty Advisor, 1991-93  
Financial Aid Committee, 1989-93  
Building Committee, 1990  
Research Advisory Committee, 1990-93  
Computer Education and Information Management Services Committee,  
1988-93  
Department of Biostatistics Faculty Search Committee, 1991; chair, 1993  
Honors Convocation Planning Committee, 1993  
UAB Comprehensive Cancer Center Biostatistics Unit Faculty Search  
Committee, 1992  
UAB Grievance Committee, 1989-90  
UAB Hospital Continuous Innovations in Health Care Grants Review  
Committee, 1992-93  
Member of numerous doctoral committees at the Quillen College of  
Medicine of East Tennessee State University, UAB (biomedical  
sciences, public health, biostatistics, nursing) and Samford  
(education)

*Professional Reviewer for:*

Academy of Business Education  
Communications in Statistics journal  
Current Index to Statistics  
Decision Sciences Institute  
Health Care Management Review  
International Journal of Pharmacy Education and Practice  
Journal of Business Education, Board of Reviewers  
Organizational Research Methods journal  
Research Methods Division of the Academy of Management  
Teaching Statistics journal

*Other:*

Alabama Association for Institutional Research, Executive Council,  
1996-97  
American Society for Quality Control (Birmingham Section), Education  
Committee, 1992-94  
American Society for Quality Control (Birmingham Section), Arrangements  
Committee, 1993-94  
American Statistical Association, president, East Tennessee Chapter  
(chartered April, 1985); Secretary, 1986-87  
American Statistical Association, Scientific Freedom and Human Rights  
Committee, 1987-1992  
E.T.S.U. liaison to the MEDCOMP Southeast Consortium for Biomedical  
Supercomputing, 1986-88  
E.T.S.U. School of Public and Allied Health MPH Steering Committee, 1984  
Quillen College of Medicine Admission's Committee, 1981-83, 1985-88  
Quillen College of Medicine Learning Resources Advisory Committee,  
1982-85  
Quillen College of Medicine Microcomputer Laboratory Subcommittee,  
1984-88, chair, 1986-88  
Quillen College of Medicine Center for Geriatrics and Gerontology,  
Faculty Research Forum, 1984-88  
Lay Eucharistic Minister, Alabama Diocese of the Episcopal Church  
Youth Confirmation Leader/Sunday School Teacher, Cathedral Church of the  
Advent, Birmingham, AL  
Library Assistance Committee, Advent Episcopal Day School,  
Birmingham, AL  
Mayfest Parking Committee, Chair, Advent Episcopal Day School,  
Birmingham, AL

*Consulting Clients:*

Agency for Health Care Policy Research, NIH  
Alabama Quality Assurance Foundation, Birmingham, AL  
American Running and Fitness Association, Bethesda, MD  
American Sports Medicine Institute, HealthSouth Rehabilitation  
Corporation, Birmingham, AL  
Baptist Medical Centers of Alabama  
Bessemer-Carraway Medical Center, Birmingham, AL  
Brookwood Medical Center, Homewood, AL  
Coumadin Clinic, Baptist-Montclair Medical Center, Birmingham, AL  
Department of Veterans Affairs Medical Center, Tuscaloosa, AL  
Ductile Iron Pipe Association, Birmingham, AL  
HealthSouth Rehabilitation Corporation, Birmingham, AL  
Managed Care Institute, Samford University, Birmingham, AL  
National Cancer Institute, NIH  
Nations University, Brentwood, TN  
Re/Life-Lakeshore Rehabilitation Hospital, Birmingham, AL  
Riverchase Residential Association  
Takeda Pharmaceuticals North America, Inc. (via contract with  
UAB/McWhorter clinical trial)  
The Birmingham News

The Children's Hospital of Alabama  
Injury Prevention Center  
Poison Control Center  
University of Alabama at Birmingham  
Center for Aging  
Department of Medicine  
Department of Obstetrics and Gynecology  
Department of Pediatrics  
Veterans Administration's Health Services Research and Development  
Agency, Washington, D.C.

#### **PUBLICATIONS AND PRESENTATIONS:**

Published, peer-reviewed journal and proceedings papers; book chapters:

Lohrke, F.T., Holloway, B.B. and Woolley, T.W. (forthcoming, 2010).  
Conjoint analysis in entrepreneurship research: A review and research  
agenda. *Organizational Research Methods*.

Cates, M.E., May, K.L. and Woolley, T.W. (2009). Attitudes of Pharmacy  
Students Toward Mental Illness Across the Professional Curriculum. *The  
International Journal of Pharmacy Education and Practice*, 5(1), Summer  
(<http://www.samford.edu/schools/pharmacy/ijpe/109/109.html>).

Cates, M.E., Jackson, C.W., Feldman, J.M., Stimmel, A.E. and Woolley, T.W.  
(2009). Metabolic consequences of using low-dose quetiapine for insomnia in  
psychiatric patients. *Community Mental Health Journal*, 45(4): 251-254.

Savage, L.M., Beall, J.W. and Woolley, T.W. (2009). Factors Influencing  
Choice of Practice Settings for Pharmacy Students. *American Journal of  
Pharmaceutical Education*, 73(2): 1-5.

Woolley, T.W. (2009). *Indeterminism*. In "A Science and Religion Primer"  
edited by H. Campbell and H. Looy. Grand Rapids, MI: Baker Academic, pp.  
127-129 [invited contribution].

Freeman, M.K., Lauderdale, S.A., Kendrach, M.G. and Woolley, T.W. (2009).  
Efficiency of Google Scholar in locating primary literature to answer drug-  
related questions. *Annals of Pharmacotherapy*, 43(3): 478-484.

Freeman, M.K., Lauderdale, S.A., Kendrach, M.G. and Woolley, T.W. (2008).  
Factors associated with database searching among pharmacy faculty and  
students: PubMed vs. Google Scholar. *International Journal of Pharmacy  
Education and Practice*, 4(2):  
<http://http://www.samford.edu/schools/pharmacy/ijpe/208/208.html> (online  
journal).

Woolley, T.W. (2008). Review of "Chance or Purpose? Creation, Evolution,  
and a Rational Faith," by Christoph Cardinal Schönborn, edited by H. P.  
Weber. *Fellowship of Catholic Scholars Quarterly*, 31(3): 56.

- Cates, M.E., Feldman, J.M., Boggs, A.A., Woolley, T.W., and Whaley, N.P. (2008). Efficacy of add-on topiramate therapy in psychiatric patients with weight gain. *Annals of Pharmacotherapy*, 42(4): 505-510.
- Nelson, J.B., Cates, M.E. and Woolley, T.W. (2008). Outcomes of a professional seminar course: Faculty Attitudes and scholarly production. *American Journal of Pharmaceutical Education*, 72(1): 1-5.
- Woolley, T.W. (2007). Review of "Uncertainty: Einstein, Heisenberg, Bohr and the Struggle for the Soul of Science," by David Lindley. *Perspectives on Science and Christian Faith*, 59(3): 236.
- Woolley, T.W. (2006). Chance in the Theology of Leonard Hodgson. *Perspectives on Science and Christian Faith*, 58(4): 284-293.
- Cates, M.E., Burton, A. and Woolley, T.W. (2005). Attitudes of Alabama pharmacists toward mental illness and providing pharmaceutical care to the mentally ill. *Annals of Pharmacotherapy*, 39(9):1450-5.
- Woolley, T.W. (2005). *And the Oscar goes to...* In "The Art of College Teaching: Twenty-Eight Takes" edited by M. Kallet and A. Morgan. Knoxville, TN: University of Tennessee Press [invited contribution].
- Cates, M.E., Bishop, M.H., Davis, L.L., Lowe, J.S. and Woolley, T.W. (2004). Clonazepam for the treatment of sleep disturbances associated with combat-related posttraumatic stress disorder. *Annals of Pharmacotherapy*, 38(9): 1395-1399.
- Woolley, T.W. (2004). Classical versus Bayesian inference: A classroom illustration. *Teaching Statistics*. 26(2): 42-45.
- Woolley, T.W. (2003). The p-value, the Bayes/Neyman-Pearson compromise and the teaching of statistical inference in introductory business statistics. *Proceedings of the Academy of Business Education*, Volume 4 (<http://abe.villanova.edu/proc2003/proceed2003.html>).
- Woolley, T.W. (2002). Outlier definition for tests of outliers in normal samples. *Proceedings of the Decision Sciences Institute*, 2457-2462.
- Woolley, T.W. (2002). The effect of swamping on outlier detection in normal samples. *Proceedings of the Joint Statistical Meetings (ENAR)*, 3793-3798.
- Monk-Tutor, M.R., Webster, A.A., Denaburg, S.G., Woolley, T.W., Whelan, K.S. and Dohoney, J.M. (2001). Impact of the Family Medical Leave Act on Hospital Pharmacy Practice Management. *Hospital Pharmacy*, 36(12): 1245-1253, 1256.
- Rotch, A.J., Dean, J.O., Kendrach, M.G., Wright, S.G. and Woolley, T.W. (2001). Blood pressure monitoring with home monitors versus mercury sphygmomanometer. *The Annals of Pharmacotherapy*, 35(7/8):817-822.

- Woolley, T.W. (2000). Review of "Uncertain belief: Is it rational to be a Christian?," by David Bartholomew. *Christian Scholar's Review*, 29(4): 788-790.
- Whelan-Berry, K.S., Marshall, J.B. and Woolley, T.W. (2000). Understanding problem-based learning and trying PBL in your discipline. *Proceedings of the Academy of Business Education, Volume 1* (<http://www.abe.sju.edu/proceedings.html>).
- Marshall, J.B., Whelan-Berry, K.S. and Woolley, T.W. (2000). Problem-Based Learning in Statistics - A Longitudinal Analysis Across Two Courses Over Two Years. *Proceedings of the Academy of Business Education, Volume 1* (<http://www.abe.sju.edu/proceedings.html>).
- Cates, M., Collins, R. and Woolley, T.W. (1999). Antiparkinsonian drug prescribing in elderly patients receiving Risperidone therapy. *American Journal of Health-System Pharmacy*, 56: 2139-2140.
- Woolley, T.W. (1999). An investigation of the effect of the swamping phenomenon on several block procedures for multiple outliers in univariate samples. *Proceedings of the Decision Sciences Institute, New Orleans, LA*.
- Whelan, K.S., Woolley, T.W. and Marshall, J.B. (1999). Introductory Business Statistics: An Experiment with Problem-Based Learning. In "Themes and Variations in PBL" edited by J. Conway and A. Williams (pp. 239-255).
- Woolley, T.W. (1999). Does hypothesis testing have a future in management research? *Proceedings of the 5<sup>th</sup> International Conference of the Decision Sciences Institute, Athens, Greece*.
- Woolley, T.W. (1999). Outliers in management data: An investigation of the swamping phenomenon in outlier detection. *Proceedings of the 5<sup>th</sup> International Conference of the Decision Sciences Institute, Athens, Greece*.
- Woolley, T.W. (1999). A rationale for teaching the Bayes/Neyman-Pearson compromise in introductory business statistics. *Proceedings of the Annual Meeting of the Southwest Decision Sciences Institute, Houston, TX*.
- Woolley, T.W. (1999). The statistical and philosophical reasons why researchers find hypothesis testing inadequate: A proposal for ending the controversy. *Proceedings of the Annual Meeting of the Southeast Decision Sciences Institute, Savannah, GA* (pp. 327-329).
- Woolley, T.W. (1998). Statistical power and the future of hypothesis testing in management research. *Proceedings of the Annual Meeting of the Southern Management Association, New Orleans, LA*.
- Woolley, T.W. (1998). The Bayes/non-Bayes compromise as a solution to the Neyman-Pearson hypothesis testing controversy. *Proceedings of the Annual Meeting of the Decision Sciences Institute, Las Vegas, NV*.

- Woolley, T.W. (1998). A Note on Illustrating the Central Limit Theorem. *Teaching Statistics*, 20(3): 89-90.
- Woolley, T.W. (1998). A Glossary of Common Statistical Terms. *Journal of Pharmacy Practice*, 11(3): 219-225.
- Woolley, T.W. (1998). A Glossary of Common Statistical Terms. *Journal of Pharmacy Practice*, 11(4): 268-274.
- Goldenberg, R.L., Hickey, C.A., Cliver, S.P., Gotlieb, S., Woolley, T.W. and Hoffman, H.J. (1997). Abbreviated scale for the assessment of psychosocial status in pregnancy: Development and evaluation. *Acta Obstetrica et Gynecologica Scandinavica*, 76: 19-29.
- Dearden, K.A., Hale, C.B. and Woolley, T.W. (1995). The antecedents of teen fatherhood: A retrospective case-control study of Great Britain youth. *American Journal of Public Health*, 85(4): 551-554.
- Barrentine, S.W., Fleisig, G.S., Johnson, H. and Woolley, T.W. (1994). Ground reaction forces and torques of professional and amateur golfers. In Cochran, A.J. and Farrally, M.R. (eds), *Science and Golf II: Proceedings of the World Scientific Congress of Golf*. St. Andrews, Scotland: E & FN Spon. New York (pp. 33-39).
- Bartlett, J.D., Turner-Henson, A., Atchison, J.A., Woolley, T.W. and Pillion, D.J. (1994). Insulin administered to the eyes of normoglycemic human volunteers. *Journal of Ocular Pharmacology*, 10(4): 683-690.
- Carr, D.J., Woolley, T.W. and Clarke, B.L. (1994). The relationship between the hypothalamic-pituitary adrenal axis and oral-induced immunosuppression. *International Journal of Neuroscience*, 76(1-2): 151-164.
- Kiefe, C., Woolley, T.W., Allison, J.J., Box, J.B., and Craig, A.S. (1994). Determining benchmarks: A data-driven search for the best achievable performance. *Clinical Performance and Quality Health Care*, 2(4): 190-194.
- Patterson, H.S., Woolley, T.W., and Lednar, W.M. (1994). Foot blister risk factors in an ROTC summer camp population. *Military Medicine*, 159(2): 130-135.
- Alvarez, J.O., Caceda, J., Woolley, T.W., Carley, K.W., Baiocchi, N., Caravedo, L., and Navia, J.M. (1993). A longitudinal study of dental caries in the primary teeth of children who suffered from infant malnutrition. *Journal of Dental Research*, 72(12): 1573-1576.
- Bartlett, J.D., Wesson, M.D., Swiatocha, J. and Woolley, T.W. (1993). Efficacy of a pediatric cycloplegic administered as a spray. *Journal of the American Optometric Association*, 64(9): 617-621.
- Bartlett, J.D., Woolley, T.W. and Adams, C.M. (1993). Identification of high intraocular pressure responders to topical ophthalmic corticosteroids. *Journal of Ocular Pharmacology*, 9(1): 35-45.

- Ferslew, K.E., Acuff, R.V., Daigneault, E.A., Woolley, T.W. and Stanton, P.E. (1993). Pharmacokinetics and bioavailability of the RRR and all racemic stereoisomers of alpha-tocopherol in humans after single oral administration. *Journal of Clinical Pharmacology*, 33(1): 84-88.
- Garber, D.W., Henkin, Y., Osterlund, L.C., Woolley, T.W. and Segrest, J.P. (1993). Thyroid function and other clinical chemistry parameters in subjects eating iodine-enriched eggs. *Food and Chemical Toxicology*, 31(4): 247-251.
- Raczynski, J.M., Schumacher, J.E., Milby, J.B., Michael, M., Engle, M., Lerner, M. and Woolley, T.W. (1993). Comparing two comparative substance abuse treatments for the homeless: The Birmingham project. *Alcoholism Treatment Quarterly*, 10(3/4): 217-233.
- Raczynski, J.M., Schumacher, J.E., Milby, J.B., Michael, M., Engle, M., Lerner, M. and Woolley, T.W. (1993). Birmingham comparative substance abuse treatments among the homeless project. Chapter 16 in *Treatment of the Chemically Dependent Homeless: Theory and implementation in fourteen American projects* (Editors, Conrad, K.J., Hultman, C.I. and Lyons, J.S.). Hayworth: New York.
- Semes, L.S., Blash, M.M. and Woolley, T.W. (1993). Intraocular pressure response to scleral indentation. *Optometry and Vision Science*, 70(9): 729-732.
- Schumacher, J.E., Milby, J.B., Raczynski, J.M., Engle, M., Lerner, M., Michael, M. and Woolley, T.W. (1993). Randomization and demoralization in a comparative substance abuse treatment for the homeless demonstration project. *New Directions for Program Evaluation* (p. 41).
- Wesson, M.D., Bartlett, J.D., Swiatocha, J. and Woolley, T.W. (1993). Mydriatic efficacy of a cycloplegic spray in the pediatric population. *Journal of the American Optometric Association*, 64(9): 637-640.
- Bartlett, J.D., Amos, J.F. and Woolley, T.W. (1992). Evaluation of motivating factors for selecting optometric residency education. *Journal of the American Optometric Association*, 63(2): 131-134.
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In Preparation:

Woolley, T.W. The role of chance in business (paper, in preparation)

Woolley, T.W. *God in the Age of Chance* (book, in preparation)

Woolley, T.W. *Aquinas and Chance* (paper, in preparation)

Abstracts, Book Reviews, Professional Statistical Acknowledgements:

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#### Papers Presented/Programs Chaired:

Cates, M.E., Perrone, A.L. and Woolley, T.W. (2009). Pharmacy students' attitudes toward mental illness at the beginning and end of the professional curriculum. College of Psychiatric and Neurologic Pharmacists, Jacksonville, FL.

Green, A.R., DeHart, R.M. and Woolley, T.W. (2008). Adherence to guidelines for nephropathy screening and antiangiotensin use in family medicine. American College of Clinical Pharmacy, Louisville, KY.

Cates, M.E., Jackson, C.W., Feldman, J.M., Stimmel, A.E. and Woolley, T.W. (2008). Metabolic Consequences of Using Low-Dose Quetiapine for Insomnia in Psychiatric Patients. College of Psychiatric and Neurologic Pharmacists, Scottsdale, AZ.

Cates, M.E., May, K.L. and Woolley, T.W. (2008). Attitudes of pharmacy students toward mental illness across the professional curriculum. College of Psychiatric and Neurologic Pharmacists, Scottsdale, AZ.

Freeman, M.K., Lauderdale, S.A., Kendrach, M.G. and Woolley, T.W. (2007). Efficiency of Google Scholar in locating primary literature to answer drug-related questions. American Society of Health-Systems Pharmacy, Las Vegas, NV.

Freeman, M.K., Lauderdale, S.A., Schrimsher, R.H., Kendrach, M.G. and Woolley, T.W. (2007). Factors associated with database searching among

pharmacy faculty and students: PubMed vs. Google Scholar. American College of Clinical Pharmacy, Denver, CO.

Woolley, T.W. (2005). Chance in the Theology of Leonard Hodgson. American Scientific Affiliation, Grantham, PA.

Woolley, T.W. (2003). The p-value, the Bayes/Neyman-Pearson compromise and the teaching of statistical inference in introductory business statistics. Academy of Business Education, San Francisco, CA.

Woolley, T.W. (2002). The effect of swamping on outlier detection in normal samples. Joint Statistical Meetings, New York City, NY.

Whelan-Berry, K., Marshall, J., Venable, J. and Woolley, T.W. (2000). Understanding problem-based learning [PBL] and trying PBL in your business discipline: An interactive approach. PBL 2000: A Conference on Problem-Based Learning in Undergraduate and Professional Education, Birmingham, AL.

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Thornthwaite, J.T., Coulson, P.B., Woolley, T.W., Sugarbaker, E.V., and Seckinger, D. (1984). Relationship of DNA flow cytometric analysis to prognosis in human primary breast cancer. International Conference on Analytical Cytology X, Pacific Grove, California.

Woolley, T.W. (1984). Sample size, the type II error, and efficiency in public health research. American Public Health Association, Anaheim, California.

Woolley, T.W. and Sayers, J.E. (1984). Outliers and the swamping phenomenon in statistical data. American Public Health Association, Anaheim, California.

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Woolley, T.W. (1983). A researcher's introduction to sample size estimation. Fourth National Conference for Generalists in Medical Education, Washington, D.C.

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Woolley, T.W. and Brewer, J.K. (1981). Masking, swamping, and outright liars: A closer look. American Educational Research Association, Los Angeles, California.

Woolley, T.W. and Brewer, J.K. (1980). Masking, swamping, and outright liars. The Florida Educational Research Association, Ft. Lauderdale, Florida.

#### Miscellaneous Presentations:

"And the Oscar Goes to...", Inaugural Buchanan/Macon Teaching Talk, Center for Teaching and Learning, Samford University, Birmingham, AL, February 23, 2009.

"God and Chance," University Fellows Seminar on Science and Religion, Samford University, Birmingham, AL, January 5-7, 2009.

"And the Oscar Goes to...", Brock School of Business Master Teacher Seminar Series, Samford University, Birmingham, AL, November 14, 2008.

"Evolution, Science and Cardinal Schönborn," Roman Catholic Diocese of Birmingham Catholic Education In-Service, John Carroll Catholic High School, Birmingham, AL, September 19, 2008.

"The Bayes/Neyman-Pearson Compromise," Culverhouse College of Commerce and Business Administration, University of Alabama, Tuscaloosa, AL, March 28, 2008.

"God and Statistics," Convocation, Samford University, Birmingham, AL, October 23, 2007.

"*Omnia autem probate: quod bonum est tenete*," Pre-school Faculty Workshop, Samford University, Birmingham, AL, August 22, 2006.

"God of Chance," Cathedral Church of the Advent, Birmingham, AL, April 10, 2005.

"Science and a Christian Worldview," Samford University Board of Ministerial Mentors, Birmingham, AL, April 4, 2005.

"News and Numbers: Innumeracy in the Media," The Birmingham News and Post Herald, Birmingham, AL, January, 2004.

"Statistics, Randomness and Christianity: Toward a Theology of Chance," Faculty Shoptalk, November 14, 2002, Samford University, Birmingham, AL

"Statistics, Science and Religion," New Horizons, September 13, 2001, University of Alabama at Birmingham, Birmingham, AL

"Providence in a World of Chance," Dean's Class, July 23, 2000, Cathedral Church of the Advent, Birmingham

"Biostatistics: An Overview," Second Annual Design and Methods of Clinical Trials, February 7, 2000, University of Alabama Health Services Foundation, University of Alabama at Birmingham, Birmingham

"Statistics and Research Design for Institutional Researchers," February 4, 2000, Samford University, Birmingham

"Meta-Analysis," March 11, 1997, Division of Perinatal Medicine, Department of Pediatrics, U.A.B., Birmingham

"Applied Biostatistics," October 17, 1994, American Sports Medicine Institute, Birmingham

"Basic Terminology of Biostatistics," September 12, 1994, American Sports Medicine Institute, Birmingham

"Clinical Biostatistics," September-December, 1994, Baptist Medical Centers: Montclair & Princeton (8 hours)

"Clinical Biostatistics," April/May, 1994, University of Alabama at Birmingham Department of Obstetrics and Gynecology (8 hours)

"Clinical Biostatistics," April/May, 1994, University of Alabama at Birmingham Department of Pediatrics (8 hours)

"CQI Tools" workshop, March 25, 1994, HealthSouth Corporation, Birmingham, AL (6 hours, with Dr. Shirley Schooley)

"Quantitative Problem-Solving Tools," 4/11/94, lecture to EDUC 380 (Quality: Basic Concepts and Tools), Samford University

"Basic Quality Improvement Statistics," Samford University, 1/18-20/94

"Clinical Biostatistics," January, 1994, University of Alabama at Birmingham Department of Medicine (10 hours)

"If you torture the data long enough, it will confess," 12/15/93, Faculty Shoptalk, Samford University

"Analysis of Research Data," 12/10/93, lecture to NURS 333 (Research Basic to Nursing Interventions), Samford University

"The importance of p-values," UAB Department of Obstetrics and Gynecology, 4/30/93.

"The truth about the p-value," UAB Department of Pediatrics, 4/15/93

"Meta-analysis," UAB Department of Obstetrics and Gynecology, 1/15/93

"Statistical Hypothesis Testing: The Good, the Bad and the Ugly," UAB Department of Pediatrics, 7/20/92

"If You Torture the Data Long Enough, It Will Confess: Part I," UAB Department of Pediatrics, 8/14/91

"If You Torture the Data Long Enough, It Will Confess: Part II," UAB Department of Pediatrics, 8/28/91

"Meta-analysis in Clinical Research," UAB Department of Pediatrics, 4/20/89

#### **DEVELOPMENT ACTIVITIES:**

Participant in the Samford University Faculty Cadre discussing John Marson Dunaway's (ed.) book, "Gladly Learn, Gladly Teach: Living Out One's Calling in the Twenty-First Century Academy," Spring 2006

Participant in Samford University Faculty Cadre discussing Richard Hughes' book, "How Christian Faith Can Sustain the Life of the Mind," Spring 2005

Participant in Samford University Faculty Cadre discussing Armand Nichoi's book, "The Question of God," Fall 2004

Completed: Total Quality in Health Care, Chi Systems, Inc, Chicago, IL (6/24-25/91); Instructor: Brent James, MD, M.Stat. and others

Completed: Competitive Healthcare and Quality Management, The National Center for Quality, Johnson City, TN (8/5-6/91); Instructors: William Jesse, MD, Brent James, MD, M.Stat. and others

Completed: The role of statistics and statisticians in TQM, Brigham Young University, Provo, UT (6/17-19/92); Seventeenth Annual Summer Institute of Applied Statistics; Instructors: Drs. Thomas Boardman and Gail R. Bryce

Completed: TQM statistical concepts and tools, Samford University Quality Center, Birmingham, AL (8/19-21/92); Instructor: David Sylwester, Ph.D.

Completed: The Quality Forum IX: Empowering People with Technology, Teleconference from Washington, DC; broadcast at BellSouth Services Corporation Headquarters, Birmingham, AL

Completed: Statistical modelling in epidemiology, ENAR Biometric Society Meetings, Lexington, KY (3/19/89); Instructor: Norman Breslow, Ph.D.

**PROFESSIONAL DEVELOPMENT INTERNSHIPS:**

Alabama Quality Assurance Foundation  
Powertel  
US Steel

**REFERENCES:** Available upon request

ADDENDUM: Contract and Grant Activity  
(since 1985, includes but is not limited to those listed below)

PENDING

Can There Be Purpose in a World of Chance?, PI; submitted to the Enduring Questions Program of the National Endowment for the Humanities, \$23,100.

FUNDED

Framing Teaching and Research in the Sciences and Mathematics by the "Big Questions" of Meaning and Value, Co-PI (with Steve Donaldson, George Keller and Wilton Bunch): funded by the Teagle Foundation, July 1, 2009 - June 30, 2011; \$75,000.

An Investigation of the Susceptibility of Academic Management Professionals to the Inverse Probability Error in Classical Inference, PI: Samford University Faculty Development Grant (funded, \$1,070, 1/1/98-12/31/99)

Problem-Based Learning Project, Project Implementer: Grant to Samford University from the Pew Charitable Trusts (funded, \$1,000,000, 1/1/98-12/31/00)

A Note on Illustrating the Central Limit Theorem and Beating a Dead Horse? A Note on the Statistical Power of Research in the Academy of Management Journal. Samford University School of Business Research Stipend (funded, \$3,000, summer 1997)

National Health Care Quality Improvement Initiative (HCQII): Scope of Work III, PI: Alabama Quality Assurance Foundation; HCFA (funded, 15% support as Consultant Statistician, 5/1/93 - 12/31/93)

Cooperative Cardiovascular Project (CCP): Alabama Pilot, PI: Alabama Quality Assurance Foundation; HCFA (funded, 20% support as Consultant Statistician, 5/1/93 - 7/31/94)

Development of oral tissues after early undernutrition, PI: Dr. Jose Alvarez; NIH (funded, approximately \$400,000, 5% support as Co-Investigator, 7/1/85 - 6/30/89)

Vision Science Research Center (Core) Module V Clinical Vision Research Development, PI: Dr. Terry Hickey; NIH/NEI (funded, \$1,015,776, 18% as Core Biostatistician, 8/1/89 - 7/31/94)

Randomization tests in a vector processing environment, PI: Dr. Tom Woolley; Alabama Supercomputer Network (funded, \$37,500 as 25 cpu hours on Cray X-MP/24 supercomputer, Principal Investigator, 10/1/89 - 9/30/90)

An oral health survey of aging and elderly mentally retarded: A pilot study, PI: Dr. John Thompson; BRSG Program (funded, \$13,389, Co-Investigator, 6/1/90 - 10/30/90)

Genetic epidemiology of narcolepsy, PI: Dr. Ron Acton; NIH (funded, \$2,421,088, 10% support as Co-Investigator, 7/1/90 - 6/30/95)

Cooperative agreements for research demonstration projects on alcohol and other drug abuse treatments for homeless persons, PI: Dr. Jesse Milby NIH/NAIAA (funded, \$2,533,259, 20% support as Co-Investigator, 9/30/90 - 9/29/93)

A self help program to increase breast feeding among low-income women, PI: Dr. David Coombs; Family Health Services Division, Alabama Department of Public Health (funded, \$118,937, 5% support as Co-Investigator, 11/1/90 - 10/31/92)

Planning for diabetes prevention among Native Americans, PI: Dr. Cora Beth Lewis NIH/NIDDK (funded, \$35,479, Co-Investigator, no salary support, 7/1/91 - 6/30/92)

Administration of insulin in eye drops to normal subjects, Dr. Anne Turner-Henson; UAB School of Nursing Dean's New Investigator Research Award (funded, \$4,312, Co-Investigator, no salary support, 7/1/91 -6/30/92)

Evaluation of the safety and efficacy of a cycloplegic spray in the pediatric population, PI: Dr. James Bartlett; School of Optometry BRSG Grant (funded, \$950, \$100 support as Consultant, 10/1/91 - 9/30/92)

Visual effects of Dapiprazole, PI: Dr. James Bartlett; Angelini Pharmaceuticals, Inc. (funded, approx. \$50,000, \$2,500 support as Consultant, 6/1/92 - 5/30/93)

Litigation fear and medical service utilization, PI: Dr. Joe Schumacher; UAHSF (funded, \$17,006, \$300 support as Consultant, 7/1/92 - 6/30/93)

5 A Day for Better Health, PI: Dr. Kim Reynolds; NIH/NCI (funded, approx. \$400,000, 20 support as Co-Investigator, 4/1/93 - 9/30/97)

#### NOT FUNDED

What *Will* It Mean to be Human?, Co-PI (with Steve Donaldson, George Keller and Wilton Bunch): Metanexus Global Network Initiative Catalyst Grant Proposal submitted to the Metanexus Institute, September, 2009; \$30,000; program terminated before proposal submitted.

Samford University Science and Christianity Cadre: Community Dialogue. Co-PIs: Tom Woolley, George Keller and Steve Donaldson; request for \$15,000 from IPC Foundation.

Enhancing Learning through Convening Multiple Voices for the Public Good, Co-PI with Mary Sue Baldwin: Ford Foundation Pre-Proposal (submitted 5/13/05 for \$100,000 over academic years 2005-2007)

National Health Care Quality Improvement Initiative (HCQII): Scope of Work IV, PI: Alabama Quality Assurance Foundation; HCFA (not funded, 15% support as Consultant Statistician, 1/1/94 - 3/31/95)

A hypertension control program targeting the under-served, PI: Dr. Mona Fouad; NIH (not funded, approximately \$500,000, 20% support as Co-Investigator, 7/1/93 - 6/30/98)

Cooperative agreements for research demonstration projects on alcohol and other drug abuse treatments for homeless persons (6 month extension), PI: Dr. Jesse Milby NIH/NAIAA (not funded, \$500,000, 20% support as Co-Investigator, 10/1/93 - 9/30/94)

Comparative treatment for SED youth at risk of placement, PI: Dr. Brian H. McManus; NIMH (not funded, \$1,117,910, 10% support as Co-Investigator, 12/1/93 - 11/30/96).

Promotion of CVD risk reduction and cancer prevention and control activities in a constituency-based center for a minority population (resubmission), PI: Dr. Jim Raczynski; NHLBI (not funded, \$3,643,217, 20% support as Co-Investigator, 7/1/93 - 6/30/98).

Children's anxiety regarding medical examination for suspected sexual abuse, PI: Dr. Tony Fargason; NIH (not funded, approx. \$100,000, 5% support as Co-Investigator, 1/1/93 - 12/31/94)

Initiating abstinence in dually diagnosed cocaine abusers, PI: Dr. Jesse Milby; NIAAA (not funded, approximately \$400,000, 20% support as Co-Investigator, 1/1/93 - 12/31/97)

Substance abuse intervention for obstetric practices, PI: Georgeanne Hoegerman; NIH (not funded, approximately \$1,394,894, 20% support as Co-Investigator, 7/1/93 - 6/30/97)

Characterization of obese binge eaters (resubmission), PI: Dr. Delia Smith; NIH (not funded, \$500,000, Consultant, 7/1/93 - 6/30/98)

Intervention strategies for deficits in written language: The Orthography project, PI: Dr. Mike Wesson; NIH (not funded, support as Co-Investigator, 7/1/93 - 6/30/98)

Cost-effectiveness and efficacy of three interventions designed to enhance compliance with hypertension control measures (resubmission), PI: Dr. Mona Fouad; NHLBI (not funded, approx. \$300,000, 20% support as Co-Investigator, 7/1/93 - 6/30/96)

Tamoxifen and ocular toxicity, PI: Dr. Mark Swanson; American Cancer Society (not funded, \$12,230, \$500 support as Consultant, 7/1/92 - 6/30/93)

Visual factors in falls, PI: Dr. Mark Swanson; National Institute on Aging (not funded, no salary support as Consultant, 7/1/92 - 6/30/95)

Improving the primary care of premature infants, PI: Dr. Crayton Fargason; AHCPR Small Grants Program (not funded, \$60,493, \$2,500 support as Consultant, 8/1/92 - 7/31/94)

Long-term care and minority aging, PI: Dr. Molly Engle; NIA (not funded, \$1,650,991, 15% support as Co-Investigator, 9/30/92 - 9/29/96)

Methadone maintenance detox: Role of behavior therapy, PI: Dr. Jesse Milby; NIDA (not funded, \$3,606,229, 15% support as Co-Investigator, 12/1/92 - 11/30/97)

UAB Hospital's Computer Project, PI: Dr. Alan Craig; UAHSF (not funded, approx. \$50,000, 10% support as Co-Investigator, 9/1/92 - 8/31/93)

Routine AM chest x-rays in the ICU, PI: Bruce Gammon; UAHSF (not funded, approx. \$50,000, 10% support as Co-Investigator, 8/1/92 - 7/31/93)

Minority Medical Treatment Effectiveness Research Center (MEDTEP), PI: Dr. Marlon Priest; Agency for Health Care Policy and Research (not funded, \$750,000, no salary support as an Associated Scientist, 7/1/92 - 6/30/97)

Tear assay versus clinical diagnosis in healthy and dry eye, PI: Dr. Rod Fullard; NEI (not funded, approx. \$200,000, 10% support as Co-Investigator, 7/1/92 - 6/30/95)

Maternal resources and maternal observations of infant cues in black primiparous and multiparous adolescent mothers, PI: Dr. Mary Blankson; School of Public Health BRSG Grant (not funded, \$4,000, \$900 support as Consultant, 6/1/92 - 5/30/93)

Characterization of obese binge eaters, PI: Dr. Delia Smith; NIH (not funded, \$495,054, \$80 support as Consultant, 7/1/92 - 6/30/97)

Cost-effectiveness and efficacy of three interventions designed to enhance compliance with hypertension control measures, PI: Dr. Mona Fouad; NHLBI (not funded), approx. \$300,000, 20% support as Co-Investigator, 7/1/92 - 6/30/95)

Development of oral tissues after early undernutrition: Renewal, PI: Dr. Jose Alvarez; NIH (not funded, approximately \$400,000, 10% support as Co-Investigator, 7/1/89 - 6/30/93)

MCH data analysis and program evaluation, PI: Dr. Robert Goldenberg; NIH (not funded, \$125,000, 20% support as Co-Investigator, 10/1/89 - 9/30/94)

Child injury surveillance system: Development and evaluation, PI: Dr. William King; Centers for Disease Control (not funded, \$241,129, 5% support as Co-Investigator, 10/1/89 - 9/30/92)

Childhood experiences and early childbearing, PI: Dr. Christianne Hale; NIH (not funded, \$1,041,648, 20% support as Co-Investigator, 12/1/89 - 11/30/94)

Kinetics of selected nutrients in blood and human tissue, PI: Dr. Robert Acuff; NIH/NCI (not funded, \$343,480, 10% support as Co-Investigator, 1/1/90 - 12/31/92)

Improving the quality of hospital care by forming a consortium of Alabama hospitals and a resource center, PI: Dr. Albert Oberman; Robert Wood Johnson Foundation (not funded, \$187,131, Consultant, 6/1/90 - 11/30/91)

Quality of life in intravenous home health care patients, PI: Jeff Alverson; NIH (not funded, \$39,793, 5% support as Co-Investigator, 7/1/90 - 12/31/91)

Effect of sanction on physician practice patterns, PI: Dr. Mark Heinsohn; NIH (not funded, \$119,773, 10% support as Co-Investigator, 7/1/90 - 6/30/93)

Individual factors, health services and postneonatal death, PI: Dr. Christianne Hale; NIH (not funded, 25% support as Co-Investigator, 10/1/90 - 9/30/95)

HIV epidemiology and molecular pathogenesis in West Africa, PI: Dr. Peter Pappas; NIH/NIAID (not funded, \$609,714, 10% support as Co-Investigator, 10/1/90 - 9/30/95)

Oral health survey: Aging and elderly mentally retarded, PI: Dr. Eli Capilouto; NIH (not funded, \$456,478, 10% support as Co-Investigator, 12/1/90 - 5/30/92);

Detection of suicidal behavior by health professionals, PI: Dr. David Coombs; Centers for Disease Control (not funded, \$149,017, 5% as Co-Investigator, 1/1/91 - 12/31/92)

Prescribe for health, PI: Dr. James Raczynski; NIH (not funded, \$1,532,731, 15% support as Co-Investigator, 1/1/91 - 12/31/94)

Efficacy of cholesterol-reducing eggs, PI: Dr. David Garber; National Egg Nutrition Council (not funded, approximately \$400,000, 20% support as Co-Investigator, 7/1/91 - 6/30/93)

Administration of insulin in eye drops to normal subjects, PI: Dr. Dennis Pillion; NIH (not funded, approximately \$100,000, 1% support as Co-Investigator, 7/1/91 - 6/30/92)

Insulin administration to normal subjects in eye drops, PI: Dr. Dennis Pillion; Fight for Sight, Inc. (not funded), \$12,000, Co-Investigator, 7/1/91 - 6/30/92)

Flicker sensitivity and cataracts, PI: Dr. Mike Wesson; NIH/NEI (not funded, \$275,432, 10% as Co-Investigator, 7/1/91 - 6/30/95)

Administration of insulin eye drops to normal subjects, PI: Dr. Dennis Pillion; Juvenile Diabetes Foundation International (not funded, \$100,000, 1% support as Co-Investigator, 7/1/91 - 6/30/93)

CVD nutrition education for low literacy skills, PI: Dr. James Raczynski; NIH/NHLBI (not funded, \$1,913,656, 5% support as Co-Investigator, 8/1/91 - 7/31/96)

Training program in community health, PI: Dr. Eli Capilouto; Kellogg Foundation (not funded, \$392,617, 5% support in years 2-4 as Co-Investigator, 9/1/91 - 8/31/94)

Trial of oral health programs for the mentally retarded, PI: Dr. Eli Capilouto; NIH/NIDR (not funded, \$598,519, 15% support as Co-Investigator, 12/1/91 - 5/30/93)

Community-based, peer-directed oral health education for persons with mental retardation, PI: Dr. Eli Capilouto; Robert Wood Johnson Foundation (not funded, \$589,118, 10% support as Co-Investigator, 6/1/92 - 5/31/95)

Promotion of CVD risk reduction and cancer prevention and control activities in a constituency-based center for a minority population, PI: Drs. Jim Raczynski and Beth Lewis; NHLBI (not funded, 20% support as Co-Investigator, 1/1/93 - 12/31/97).