

## **JULIE COLLINS RECKNOR, Ph.D.**

### **Education**

Ph.D. Biostatistics. Medical University of South Carolina, Charleston, S.C. (1993)

M.S. Mathematics. Clemson University, Clemson, S.C. (1987)

B.S. Mathematics. Furman University, Greenville, S.C. (1985)

### **Professional Experience**

#### **Director of Research and**

#### **Data Management**

United Osteoporosis Centers, 2350 Limestone Pkwy, Gainesville, GA, 30501 (2005-present)

Duties: Design research studies, perform data validation and statistical analyses on data collected in the IonMed System.

#### **Statistical Consultant**

Symbio, 21 Perry Street, Port Jefferson, NY, 11777 (2005- present)

Duties: Perform SAS programming to generate statistical analyses, study report tables and listings, and data validation for pharmaceutical clinical trials.

#### **Director, Clinical Trials**

United Osteoporosis Centers, 2350 Limestone Pkwy, Gainesville, GA, 30501 (11/2002-2005)

Duties: Supervise clinical study coordinators, serve as sub-investigator in pharmaceutical sponsored clinical trials, assist in writing grant proposals, negotiate contracts/budgets for clinical trials.

#### **Director, Statistics**

PharmData, Inc., 2440 Sandy Plains Road NE, Building 9, Marietta, GA (10/1995-11/2002)

Duties: Reviewed/Developed study protocols and Case Report Forms, created statistical analysis plans, performed SAS programming and statistical analyses, and wrote statistical sections of study reports for submission to the FDA for Phase I through IV pharmaceutical sponsored clinical trials. Directed and supervised statisticians and database programmers. Communicated with client statisticians and project managers. Provided statistical consulting to clients. Areas of therapeutic experience included pain management, cardiovascular, oncology, respiratory, osteoarthritis, CNS, medical devices, ophthalmology, vaccines, dermatology, and endocrinology.

#### **Biostatistician**

Division of General Pediatrics, Department of Pediatrics, Medical University of South Carolina, Charleston, SC (1993-1995).

Duties: Consulted with medical doctors in the design of experiments, conducted statistical analyses, interpreted statistical results to medical

doctors, assisted in writing grant proposals, wrote statistical sections of journal articles and abstracts. Served as sub-investigator for

pharmaceutical sponsored clinical trials. Statistical analyses included Analysis of Variance/Covariance, GLM, Repeated Measures, Logistic Regression, categorical data analyses, and nonparametric analyses.

**Instructor** Department of Mathematics, College of Charleston, Charleston, SC (1987-1989)

Duties: Taught undergraduate mathematics courses.

### **Appointments/Consulting**

Statistical Consultant Symbio, LLC. Port Jefferson, NY (2005 – present)

Adjunct Assistant Professor Department of Bioengineering, College of Engineering & Science, Clemson University, Clemson, SC (2004 – present)

### **Personal Attributes**

Collegiate All American Scholars Program (1992)

Second Place, Student Research Competition (1993)

National Collegiate Mathematics Award (1993)

### **Continuing Education**

Predictive Modeling Using Logistic Regression. SAS Institute. April 19 – 22, 2010. Live Web.

Basic Pharmacokinetics. PharmData, Inc. April 13, 2001. Marietta, GA

New Features in Version 8 of the SAS System. SAS Institute. August 22, 2000. Atlanta, GA

Validating SAS Programs in the Pharmaceutical and Medical Device Industries. ECS, Inc. May 12-13, 1999. Arlington, VA

SAS Macro Language. SAS Institute. July 18, 1997. Atlanta, GA

Analysis of Messy Data: Designed Experiments and Unbalanced Data Structures. The Institute for Professional Education, Inc. March 4-7, 1997. Washington, D.C.

NDA Preparation. An Overview: A DIA Annual Meeting Tutorial for Those New to NDA Preparation. June 9-13, 1996. San Diego, CA

Advanced General Linear Models with Mixed Models. SAS Institute. May 6-8, 1996. Atlanta, GA

### **Certification**

SAS® Certified Professional. Base Programming for SAS® 9



## **Pharmaceutical Clinical Trials**

### Sub-investigator

Eli Lilly A multicenter study to compare two medications in postmenopausal women with osteoporosis. (10/2002- 2/2005)

F. Hoffmann-La  
Roche Ltd

Multicenter study to compare efficacy and safety of two different medications in postmenopausal osteoporosis. (3/05 – present)

Open label extension study of two different dosing schedules of treatment in women with postmenopausal osteoporosis. (3/05 – present)

Novartis  
Pharmaceuticals  
Corporation

A multicenter extension study to evaluate long-term safety and efficacy of medication in postmenopausal women with osteoporosis. (7/2005 – present)

A multicenter study to assess safety of dose selected for phase III development in postmenopausal osteoporosis. (3/2005 – 7/2005)

A multicenter study examining pain regimens in the management of medication side effects in women with osteoporosis. (12/8/2004 – 8/26/2005)

A multicenter study to evaluate efficacy and safety of medication in postmenopausal women with osteoporosis. (9/2002 – present)

A multinational study - preventing subsequent osteoporotic fractures after a hip fracture. (4/2002 – present)

Wyeth-Ayerst  
Research

Cholesterol adjuvant study in healthy adult and elderly subjects.  
(2/1/1994-1/31/1995)

Influenza vaccine study in healthy adult and elderly subjects.  
(2/1/1994-1/31/1995)

Vaccine study in healthy infants. (5/1/1994-4/30/1995)

Multicenter trial with infant formula in term infants. (1/1/1995-6/30/1995)

Glaxo

A study of pediatric patients with acute otitis media with effusion.  
(11/1/1994-5/31/1995)

### **Grant Support**

Statistical Consultant

Procter & Gamble. Osteoporosis in Diabetic Men. (4/2003)

Specialty Clinics of Georgia. Spinal Cord Stimulation in Total Knee Replacement. (10/2002)

Maternal Child Health Bureau, Healthy Tomorrows Federal Set-Aside Program. The Second Chance Club: A Family Centered Intervention for Adolescent Mothers. (10/1/1993-9/31/1998)

Medical University of South Carolina, Children's Hospital Fund. Depression in Adolescents with Chronic Disease. (12/1/1993-11/30/1994)

National Institute of Environmental Health. The Relationship Between Prenatal Care and Infant's Blood Lead. (12/1/1993 - 3/31/1994)

### **Professional Activities**

American Statistical Association (1989-1995)

Drug Information Association (1996-2002)

### **Memberships**

President, SC Alpha Chapter, Mu Sigma Rho (1992-1993)

Member, Pi Mu Epsilon (1983-1985)

Member, Sigma Xi (1991-1993)

### **Publications**

MacIntyre NJ, Recknor CP, Grant SL, Recknor, JC. Scores on the Safe Functional Motion test predict incident vertebral compression fracture. *Osteoporosis International*; 24(8) (2013);

Recknor CP, Recknor JC, Grant SL, MacIntyre NJ. Scores on the Safe Functional Motion Test are Associated with Prevalent Fractures and Fall History. *Physiotherapy Canada*; 65(1) (2013); 75-85.

Key JD, Brown RL, Marsh LD, Spratt EG, Recknor JC. Depressive Symptoms in Adolescents with a Chronic Illness. *Children's Health Care* 30(4): 283-292, 2002.

Marsh LD, Key JD, Recknor JC, Carek P. Seatbelt Use in High School Athletes. *South Carolina Alliance for Health Physical Education Recreation and Dance* 30(1): 11-14, 1998.

Darden PM, Taylor JA, Slora EJ, Hasemeier CM, Asmussen L, Recknor JC, Wasserman RC. Methodological Issues in Determining Rates of Childhood Immunization in Office Practice. A Study from Pediatric Research in Office Settings (PROS). *Archives of Pediatric Adolescent Medicine*. 1996 Oct; 150(10):1027-31.

Basco WT, Recknor JC, Darden PM. Who Needs an Immunization in a Pediatric Subspecialty Clinic? *Archives of Pediatric and Adolescent Medicine*; 1996 May; 150(5); 508-11.

Recknor JC, Reigart JR, Darden PM, Goyer RA, Olden K, Richardson MC. Prenatal Care and Infant Lead Exposure. *Journal of Pediatrics*; 1997 Jan; 130(1):123-7.



Recknor JC, Gross AJ. Fitting Survival Data to a Piecewise Linear Hazard Rate in the Presence of Covariates. *The Biometrical Journal*; 36 (1994)6; 729-740.

### **Presentations**

Recknor C, Recknor J, Sun P, Lian J. The Analysis of Denosumab Discontinuation and Associated Fracture Incidence in the FREEDOM Trial. ACR/ARHP Nov 2011.

Recknor JC. Fitting Survival Data to a Piecewise Linear Hazard Rate in the Presence of Covariates. In: Eberhard V, Zhang Z, eds. *Festschrift for Millage Clinton Miller, III, Ph.D.* Charleston, SC: Medical University of South Carolina Press; May 1993.

Recknor JC, Richardson MC, Darden PM, Goyer RA, Reigart JR. Is Inadequate Prenatal Care a Marker for Elevated Infant Lead Level? Presented, Ambulatory Pediatric Association Meeting, San Diego, 1995. *Archives of Pediatrics and Adolescent Medicine*; April 1995(149):P124.

### **Abstracts/Posters**

C Recknor, S Grant, J Recknor, and NJ McIntyre. Novel Safe Functional Motion Test Can Discriminate Risk for Vertebral Fracture in Men and Women. American Society for Bone and Mineral Research, Presentation Number MO0310, 2009.

Marsh LD, Key JD, Recknor JC, Carek PJ. Seatbelt Use in High School Athletes. *Journal of Investigative Medicine* 44(1):23A, 1996.

Key JD, Marsh LD, Recknor JC, Darden PM. Inequality in Training for Female High School Athletes. *Journal of Investigative Medicine* 43:24A, 1995.

Key JD, Seiler BA, Marsh LD, Recknor JC. Effect of Sports on Asthma. *Journal of Investigative Medicine* 43:80A, 1995.

Key JD, Marsh LD, Spratt EG, Recknor JC. Depression and Perception of Severity in Adolescents with Chronic Illness. Ambulatory Pediatric Association, *Archives of Pediatric Adolescent Medicine* 149:50, 1995.

Spratt EG, Key JD, Marsh LD, Recknor JC. Adolescent Adjustment to Chronic Illness. Commonwealth Institute for Child and Family Studies, 1995.

Key JD, Recknor JC. Low Self-Esteem: Fact or Fiction in Adolescent Pregnancy? *Archives of Pediatrics and Adolescent Medicine* 148:120, 1994.

Whetsell CG, Darden PM, Graf DM, Recknor JC, Ringwood JW, Reigart JR. Routine Immunization: Is it Possible in the Emergency Room? Presented, Ambulatory Pediatric Association Meeting, Seattle, WA; 1994. *Archives of Pediatrics and Adolescent Medicine*; April 1994 (148):P28.

Nelson R, Recknor C, Recknor J. Treatment of Vasculogenic Impotence with Prostaglandin Injections: Presented, Southeastern Urological Association; 1990.

Basco WT, Recknor JC, Darden PM. Can We Determine Immunization Status in a Pediatric Specialty Clinic? Presented, Ambulatory Pediatric Association Meeting, San Diego, 1995. *Archives of Pediatrics and Adolescent Medicine*; April 1995(149):P123.





Darden PM, Taylor JA, Slora EJ, Hasemeier CM, Asmussen L, Recknor JC, Wasserman RC. Measuring Immunization Rates in Pediatric Office Practice. Presented, Ambulatory Pediatric Association Meeting, San Diego, 1995. Archives of Pediatrics and Adolescent Medicine; April 1995(140):P67.

Ringwood JW, Whetsell CG, Darden PM, Recknor JC, Reigart JR. Should Children Receive Immunizations in an Emergency Room: Physicians Response. Presented, Ambulatory Pediatric Association Meeting, San Diego, 1995. Archives of Pediatrics and Adolescent Medicine; April 1995(140):P93.

Spratt EG, Recknor J, Saunders B, Drosieko M, Anderson D, Key J, Otherson B. Injuries and Healing in Purposeful vs. Accidental Burn Injuries. Scientific Proceedings, American Academy of Child and Adolescent Psychiatry (Submitted).