

APPLICANT/FELLOW BIOGRAPHICAL SKETCH

USE ONLY FOR INDIVIDUAL PREDOCTORAL and POSTDOCTORAL FELLOWSHIPS. DO NOT EXCEED FOUR PAGES.

NAME OF APPLICANT/FELLOW Christopher James Swearingen	POSITION TITLE Graduate Student, Ph.D. Biostatistics
eRA COMMONS USER NAME SWEARINC	

EDUCATION/TRAINING (Begin with baccalaureate or other initial professional education, such as nursing, and include postdoctoral training.)

INSTITUTION AND LOCATION	DEGREE (if applicable)	YEAR(s)	FIELD OF STUDY
Oglethorpe University, Atlanta, GA		1992	Psychology
Belmont University, Nashville, TN	B.A.	05/1995	Psychology
Vanderbilt University, Nashville, TN		1997	Statistics
Medical University South Carolina, Charleston, SC	M.S.	12/2006	Biostatistics
Medical University South Carolina, Charleston, SC	Ph.D.	current	Biostatistics

A. Positions and Honors

ACTIVITY/OCCUPATION	BEGINNING DATE (mm/yy)	ENDING DATE (mm/yy)	FIELD	INSTITUTION/COMPANY	SUPERVISOR/ EMPLOYER
Research Analyst	06/95	08/04	Rheumatology	Vanderbilt University	Theodore Pincus, MD
Research Assistant	08/04	07/06	Biostatistics	Medical University SC	Barbara Tilley, PhD

Academic and Professional Honors

Alpha Chi National Honor Society, 1993-1995 (President 1994-1995)
 Psi Chi National Psychology Honor Society, 1993-1995 (President 1994-1995)
 Belmont Student Government Association, 1992-1995 (Chair Legislative Council 1993-1995)
 American Statistical Association, 2005-present
 Medical University of South Carolina Presidential Scholar (competitive), 2006-2007
 Medical University of South Carolina Presidential Scholar Fellow (competitive), 2007-present

Traineeships

5 U01 NS 43127 (PI: Barbara C. Tilley, Ph.D.) NIH/NINDS 08/2004 – 07/2006
 NIH Exploratory Trials in Parkinson's Disease Statistical Center Research Assistant

1 T32 NS48007-01A1 (PI: Yuko Y. Palesch, Ph.D.) NINDS/NIH 08/2006 – current
 Biostatistics Training with Application to Neuroscience Trainee

B. PublicationsAbstracts

Livengood JM, Parris WCV, Moody L, Wood D, **Swearingen CJ**. Integrative Versus Rote Memory in Chronic Pain Patients - Implications for A Multidisciplinary Pain Treatment Program. *Anesthesiology* 81(3A):A1042, 1994.

Pincus T, **Swearingen CJ**, Callahan LF: A self-report cognitive symptoms inventory to assess patients with rheumatic diseases: Results in eosinophilia-myalgia syndrome (EMS), fibromyalgia, rheumatoid arthritis (RA), and other rheumatic diseases. *Arthritis and Rheumatism* 39:S261, 1996.

- Pincus T, **Swearingen CJ**, Callahan LF: Addition of 6 complex activities to a modified health assessment questionnaire (MHAQ) to overcome "floor effects" in assessment of functional capacity. *Arthritis & Rheumatism* 40:S111, 1997.
- Pincus T, **Swearingen CJ**, Callahan LF: Use of a patient self-report questionnaire in a complete history and differential diagnosis of new patients with rheumatic diseases. *Arthritis & Rheumatism* 41:S226, 1998.
- Pincus T, **Swearingen CJ**, Callahan LF, Wolfe F: Documentation of effective care of rheumatic diseases in routine clinical care using patient questionnaires. *Arthritis & Rheumatism* 41:S226, 1998.
- Pincus T, **Swearingen CJ**, Hoekstra M, Callahan LF, Cummins P, Lefkowitz J: A survey concerning experience of patients with osteoarthritis in use of acetaminophen and nonsteroidal anti-inflammatory drugs. *Arthritis & Rheumatism* 41:S88, 1998.
- Pincus T, **Swearingen CJ**: Do clinical trials in rheumatoid arthritis (RA) select for "non-responder" patients? Comparisons of earlier courses of patients with 6 or more versus fewer than 6 swollen or tender joints. *Arthritis & Rheumatism* 42:S350, 1999.
- Pincus T, Wolfe F, Sokka T, **Swearingen CJ**, Callahan LF, Jordan J et al. Gastrointestinal symptoms slightly less frequent in osteoarthritis patients taking acetaminophen than Arthrotec (Diclofenac Na/misoprosolol) while efficacy of arthrotec was significantly greater. *Gastroenterology* 118(4):A1294, 2000.
- Pincus T, Sokka T, **Swearingen CJ**, Swearingen T, Daltroy L, Davis T. Analysis of a rapid estimate of adult literacy in medicine (REALM) and education level in patients with rheumatic diseases. *Arthritis and Rheumatism* 43(9):S109, 2000.
- Pincus T, **Swearingen CJ**. A multi-dimensional health assessment questionnaire (MDHAQ). Use in routine care of all rheumatic diseases with provision to meet health services financial administration data requirements for complex visit. *Arthritis and Rheumatism* 44(9):S186, 2001.
- Pincus T, **Swearingen CJ**, and Sokka T. Methotrexate results in similar levels of 20% and 50% responses as cyclosporine, leflunomide, etanercept and infliximab in routine clinical care, according to an index of functional status, pain and patient global scores, the 3 Core Data Set measures for rheumatoid arthritis (RA) derived from patient self-report questionnaires. *Arthritis Rheum* 48:S337, 2003.
- Pincus T, **Swearingen CJ**, and Sokka T. A practical patient self-report multi-dimensional health assessment questionnaire (MDHAQ) which provides scores for functional status, pain, global status, fatigue, and psychological distress, on one side of one page, to be "eyeballed" by a physician in 5 seconds and scored in <30 seconds. *Arthritis Rheum* 48:S458-S459, 2003.
- Pincus T, **Swearingen CJ**, and Sokka T. Overcoming "floor effects" in the health assessment questionnaire (HAQ) and modified health assessment questionnaire (MHAQ) with new items. *Arthritis Rheum* 48:S402, 2003.
- Yazici Y, Kulman K, **Swearingen CJ**, Sokka T, and Pincus T. Methotrexate hepatic toxicity in rheumatoid arthritis patients is unusual. *Arthritis Rheum* 48:S322, 2003.
- Swearingen CJ**, Rodgers JK, Lackland D. Self-reported smoking and related health behaviors in South Carolina: A geographic analysis of incidence rates of smoking-attributed cancers. *Annals of Epidemiology* 15(8):661, 2005 .

Research Papers

Pincus T, **Swearingen CJ**, Wolfe F: Toward a multidimensional health assessment questionnaire (MDHAQ): Assessment of advanced activities of daily living and psychological status in the patient-friendly health assessment questionnaire format. *Arthritis & Rheumatism* 42:2220-2230, 1999.

Pincus T, **Swearingen CJ**, Cummins P, Callahan LF: Preference for nonsteroidal anti-inflammatory drugs versus acetaminophen and concomitant use of both types of drugs in patients with osteoarthritis. *J Rheumatology* 27(4):1020-1027, 2000.

Yazici Y, Sokka T, Kautiainen H, **Swearingen CJ**, Kulman I., Pincus T. Long-Term Safety of Methotrexate in Routine Clinical Care: Discontinuation is Unusual and Rarely due to Laboratory Abnormalities. *Annals Rheumatic Disease* 64: 207-211, 2005.

Pincus T, Yazici Y, Bergman M, **Swearingen CJ**, Harrington T. A proposed approach to recognise "near-remission" quantitatively without formal joint counts or laboratory tests: a patient self-report questionnaire routine assessment of patient index data (RAPID) score as a guide to a "continuous quality improvements." *Clin Exp Rheumatol*. 2006 Nov-Dec;24(6 Suppl 43):S060-73.

Simon DK, **Swearingen CJ**, Hauser RA, Trugman JM, Aminoff M, Singer C, Truong D, Tilley BC on behalf of the NET-PD Investigators. Caffeine and progression of Parkinson disease. *Clinical Neuropharmacology*, 2008 (in press).

C. Scholastic Performance

SCIENCE			OTHER		
YEAR	COURSE TITLE	GRADE	YEAR	COURSE TITLE	GRADE
<u>Belmont University</u>			<u>Belmont University</u>		
1991	AP Biology	P	1991	AP European History	P
1991	AP Calculus	P	1991	English Composition	A
1991	Calculus III	A	1991	Elementary German I	A
1992	Principles of Computer Programming	A	1991	Western Civilization I	A
1992	Calculus III	A	1991	Introduction to Psychology	B
1993	Research Methods I	A	1992	Elementary German II	A
1993	Research Methods II	B	1992	Introduction to Philosophy	B
1993	Probability	A	1992	Child/Adolescent Psychology	A
1994	Physical Science	A	1992	Abnormal Psychology	A
1994	Differential Equations	B	1992	Intermediate German I	A
1995	Theory of Statistics	B	1992	Freshman Composition	B
<u>Vanderbilt University</u>			1992	Old Testament History	A
1996	Statistics I	A	1992	Fundamentals of Speech	A
1997	Statistics II	A	1993	Intermediate German II	A
<u>Medical University of South Carolina</u>			1993	Clinical Theory and Methods	A
2004	Introduction to Clinical Biostatistics	3.6	1993	New Testament History	B
2004	Foundations of Epidemiology	4.0	1993	Introduction to Sociology	A
2004	Theoretical Foundation of Statistics I	3.3	1993	African-American Literature	A
2004	Introduction to Bioinformatics	P	1993	Advanced German Conversation	C
2005	Theoretical Foundation of Statistics II	3.2	1993	History and Systems of Psychology	B
2005	Design & Conduct of Epi Studies	4.0	1994	Introduction to German Literature	B
2005	Regression/ANOVA Methods	3.8	1994	Cognitive Psychology	B
2005	Advanced ANOVA & Regression	3.5	1994	Senior Thesis	A
2005	SAS Programming	P	1994	English Literature	B
2005	Design & Conduct of Clinical Trials	3.7	1994	Advanced German Studies I	A
2005	Statistical Collaboration	P	1994	Psychology of Personality	A
2005	Linear Models	3.8	1994	Psychology of Learning	A
2006	Analysis of Survival Data	3.5	1994	Psychology of Perception	A
2006	Stochastic Processes	3.5	1995	Art Appreciation	A
2006	Database Modeling & Design	4.0	1995	Advanced German Studies II	B
2006	Sampling Methods	3.4	1995	Psychological Testing	C
2006	Multivariate Methods	4.0	1995	Social Psychology	B
2007	Biology of Neuroscience and Disease	3.7	<u>Medical University of South Carolina</u>		
2007	Analysis of Categorical Data	4.0	2005	Essential Scientific Practices	P
2007	Nonparametric Methods	3.5	2005	Ethical Issues in Biostatistics	4.0
2007	Statistical Methods in Clinical Trials	P	2005	Important Unanswered Questions	P
			2006	Important Unanswered Questions	P

Courses graded on the A-F scale required grade of C for merit. Courses graded on the 4.0 merit scale required 3.0 for merit. P indicates Pass/Fail courses where no merit grade was given.