

## CURRICULUM VITAE

STEVEN M. HUDSON

### Educational History

Ph.D.	University of Chicago	1984
S.M.	University of Chicago	1980
B.S.	Samford University	1979

### Teaching and Employment Experience

Associate Professor, FIU	1992-present
Assistant Professor, FIU	1987-1992
Hedrick Assistant Professor, UCLA	1984-1987
Lecturer, University of Chicago	1981-1984
Actuarial Department, Protective Life Ins. Co.	1978-1979

### Service

Univ Core Curriculum Oversight Committee	2005-2008
Human Resources Committee, Math.	1990-91, 92-94, 1998-2008
Actuarial Studies Committee	1997-2008
Faculty Senate	1996-98, 01-03, 04-06
Chairman, Mathematics Dept.	1994-1996

### Research and Publications

- “A covering lemma for maximal operators with unbounded kernels,”  
Mich. Math. J., 1987.
- “Polynomial approximation in Sobolev spaces”  
Indiana Univ. Math. J., 1990.
- “A precomposition analysis of linear operators on  $l^p$ ”  
Proc AMS., 1990.
- “A marriage theorem with Lebesgue measure”  
J. Comb. Thy. A, 1992
- w M. Leckband, “Fractal measures and Hardy’s inequality”  
J. Func. Anal., 1992
- w M. Leckband, “A sharp exponential inequality for Lorentz-Sobolev spaces . . .”,  
Proc AMS, 1999
- w M Leckband, “Extremals for Moser-Trudinger type exponential inequalities”  
Pac J Math, 2002
- w M. Leckband, “Extremals for Moser inequalities”  
Ark. Rat. Mech. and Anal., 2004
- w L De Carli, “Unique continuation for nonnegative solutions of Schrodinger type inequalities”  
J. Math. Analysis and Appl., 2005
- w L De Carli, “Geometric remarks on the level curves of harmonic functions”  
(submitted, 2007)