**Spencer Slattery**

Department of Chemistry

University of West Georgia

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**Professional Preparation**

Degree: **B.S. University of West Florida**, Pensacola, FL 1987

Major: **Biology Ed.**

Degree: **B.S. University of West Florida**, Pensacola, FL 1988

Major: **Chemistry**

Degree: **Ph.D. Florida State University**, Tallahassee, FL 1993

Discipline: **Inorganic Chemistry**

**Appointments**

**Date Title Institution and Department**

2004-2014 Department Chair Dept. of Chemistry, University of West

Georgia, Carrollton, GA

2003 - present Professor Dept. of Chemistry, University of West

Georgia, Carrollton, GA

1998-2002 Associate Professor Dept. of Chemistry, University of West

Georgia, Carrollton, GA

1993 - 1997 Assistant Professor Dept. of Chemistry, University of West

Georgia, Carrollton, GA

**Selected Research Publications**

1. *5 publications most closely related to current research*

**1.** J. Chambers, B. Eaves, D. Parker, P. Ray, and S. J. Slattery, ***Inductive Influence of 4′-Terpyridyl Substituents on Redox and Spin State Properties of Iron(II) and Cobalt(II) bis-Terpyridyl Complexes,*** Inorg. Chim. Acta, (2006), 359, 2400.

1. T. Ayers, R. Turk, C. Lane, J. Goins, D.L. Jameson, and S.J. Slattery, ***Tuning Redox and Spin State Properties of Fe(II) N-Heterocyclic Complexes via Electronic/Steric Influence on Metal-Ligand Binding***, Inorg. Chim. Act, (2004), 357, 202.

1. T. Ayers, N. Caylor, G. Ayers, C. Godwin, D.J. Hathcock, V. Stuman, and S.J. Slattery, ***Design and Investigation of a Ru(II) N-Heterocyclic Complex which Undergoes Proton Coupled Electron Transfer***, Inorg. Chim. Acta, (2002), 328, 33.
2. T. Ayers, S. Scott, J. Goins, N. Caylor, D. Hathcock, D.L. Jameson, and S.J. Slattery, ***Redox and Spin State Control of Co(II) and Fe(II) N-Heterocyclic Complexes***, Inorg. Chim. Acta, (2000), 307, 7*.*
3. D. Hathcock, K. Stone, J. Madden, and S.J. Slattery, ***Electron Donating Substituent Effects on Redox and Spin State Properties of Fe(II) Bis-Terpyridyl Complexes***, Inorg. Chim. Acta, (1998), 282, 131.
4. *5 other significant publications:*
   1. S.J. Slattery, W. Bare, and K.A. Goldsby, ***Redox Regulation in Ruthenium Complexes Containing ß-Diketonate Ligands and 2,6-Bis(N-Pyrazolyl)Pyridine and its Substituted Derivatives***, J. Chem. Soc., Dalton Transactions, (1999), 8, 1347.
   2. S.J. Slattery, J.K. Blaho, J. Leahnes, and K.A. Goldsby, ***pH-Dependent Metal-Based Redox Couples as Models for Proton-Coupled Electron Transfer***, Coord. Chem. Rev.,(1998), 174, 391.
   3. D. Hathcock, J. Morris, J. Madden, and S.J. Slattery, ***Ligand Substituent Effects on Ruthenium (III/II) Redox Properties: An Advanced Inorganic Laboratory Experiment*,** The Chemical Educator, (1997), Vol. 2, No. 3, pp.1-8.
   4. S.J. Slattery, N. Gokaldas, T. Mick, and K.A. Goldsby, ***Bis(4,4'-bis(N,N-'diethylamino)-2,2'-bipyridine)dichloro Ruthenium(III): A New Starting Material for Ruthenium Polypridyl Complexes Exhibiting Low Redox Potentials***, Inorganic Chemistry, (1994), 33, 3621.

**Collaborators and Other Affiliations**

1. Partha S. Ray**,** Research Collaborator, University of West Georgia
2. Donald Jameson, Research Collaborator, Gettysburg College

**Graduate Advisor**

1. Kenneth Goldsby, Florida State University

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