

## VITA

JAMES H. REEVES

### I. Current Position

Professor and Chair, Dept of Chemistry and Biochemistry, University of North Carolina Wilmington, August 1, 2005 to present.

### II. Education

Northeastern University, Coop major program in Chemistry, 1965-72, B.A. (High Honors).

Northeastern University, Chemistry, 1972-80, Ph.D.

### III. Professional History

Associate Professor of Chemistry, University of North Carolina at Wilmington, July 1988 to July 31, 2005.

Director of the Center for Teaching Excellence, University of North Carolina at Wilmington, July 1, 1995 to December 31, 1996.

Assistant Professor of Chemistry, University of North Carolina Wilmington, August 1983 to June 1988.

Postdoctoral Fellow/Research Associate, University of Guelph, Guelph, Ontario, Canada, 1980-82.

### IV. Publications

Ruby S. Casanova, Jennifer N. Mullen, Barbara P. Heath, Doris R. Kimbrough and **James H. Reeves**, *Distance Learning: A Viable Alternative to the Traditional Lecture/Lab Format in General Chemistry*, Journal of Chemical Education, 2006, 83, 501.

Philip C. Sanders, **James H. Reeves** & Michael Messina, *The Binary Temperature Composition Phase Diagram*, Journal of Chemical Education, 2006, 83, 150.

Barbara P. Heath, Russell Herman, Gabriel G Lugo, **James H. Reeves**, Ronald J. Vetter & Charles R Ward, *Project Numina Enhancing student Learning with Handheld Computers*, IEEE Computer, 18(6), June, 2005, 46 - 53.

**Jimmy Reeves** & Charles R. Ward, *Wireless in the Lecture*, chapter for *Chemists Guide to Effective Teaching*, Pienta, N.J., Cooper, M.M. and Greenbowe, T.J. editors, Prentice-Hall Publishing Co, 2005.

**Jimmy Reeves** & Doris Kimbrough, *Solving the Laboratory Dilemma in General Chemistry*, Journal of Asynchronous Learning Networks, 8(3), June, 2004, 47 – 51.

## VI. Representative Professional Activity

Invited Seminar: *Technology to Teach Distance Learning General Chemistry*, 2<sup>nd</sup> Biennial FYI Chemistry Conference, Boulder, CO, June 1, 2007.

Presider, ACS Award for Achievement in Research for the Teaching & Learning of Chemistry: Symposium in Honor of J. Dudley Herron, ACS Natl Meeting and Exposition, Chicago, IL, March 26 2007.

Seminar: *eLearning Chemistry*, 232<sup>nd</sup>, ACS Natl Meeting and Exposition, Chicago, IL, March 28, 2007

Seminar: *What's next for kitchen chemistry*, 231st ACS Natl Meeting and Exposition, San Francisco, CA, September 14, 2006

Invited Presentation: *Making the grade at a "Master's L" university*, 231st ACS Natl Meeting and Exposition, San Francisco, CA, September 10, 2006

Invited Presentation: *Nudging the glacier; The confluence of new technologies and great implementation*, 230th ACS Natl Meeting and Exposition, Atlanta, GA, March 29, 2006

Invited Presentation: *Distance Education Workshop*, Winston Salem State University, Winston Salem, NC, September 23, 2005.

Discussion Leader, *Communicating Chemistry: Probing Student Development of Shared Understanding*, Gordon Conference (Chemical Education Research and Practice), Connecticut College, New London, CT, June 28, 2005.

Seminar: *SRS, A different kind of Polling System*, 229th ACS Natl Meeting and Exposition, San Diego, CA, March 15, 2005.

Organized symposium: *Use and Assessment of Classroom Polling Systems*, 229th ACS Natl Meeting and Exposition, San Diego, CA, March 15, 2005.

## VII. Research Grants, Fellowships & Awards

*Middle School Educators Empowering Learners*, Wetherill, Karen, and Reeves, James H., UNC General Administration, 3/13/2007 – 9/30/2008, \$175000.

Sloan-C Consortium 2003 Award for Access, October, 2003.

*Increasing and Retaining STEM Majors through Virtual Learning Communities*, Ward, C., Reeves, J, Vetter R, Herman, R, Lugo, G, and Cohen D, National Science Foundation, \$124,485, 2005.

*Integrating Digital Libraries and Traditional Libraries: A Model for Sustaining NSDL Collections*, Ward, C., **Reeves, J.**, Vetter, R., Herman, R., Cody, S., Pfohl, D., Dillaman, R., & Lugo, G., National Science Foundation, \$425,000, 2003.

*AACE (Anywhere, Anytime Chemistry Experience)*, Kimbrough, D & **Reeves, J**, LAAP program of FIPSE (Funds for the Improvement of Post Secondary Education), US Department of Education, \$409,533, 1999.

IX. Memberships in Professional Societies

American Chemical Society, active member.

X. Service to Professional Organizations

Member of the committee to develop the Diagnostic of Undergraduate Chemical Knowledge exam (DUCK, 2006 - 2008) for the Examinations Institute of the American Chemical Society

XI. Service to The University of North Carolina

Delegate, University of North Carolina Faculty Assembly, September 2004 – present.

Member, Technology Committee, University of North Carolina Faculty Assembly, September 2004 – present.

Secretary, University of North Carolina Faculty Assembly, July 2006 – June, 2007.