…College News…

**Virtual ChemLab**
Dr. Brian F. Woodfield, of the Chemistry and Biochemistry Department, has developed a convenient way for students to experience laboratory life from their computers by using Virtual ChemLab. In December an article was featured in The Chronicle describing and praising Dr. Woodfield’s work done on this software. To read the article visit [http://chronicle.com/free/2002/12/2002121001.htm](http://chronicle.com/free/2002/12/2002121001.htm).

**Mu Sigma Rho Annual Christmas Breakfast**
In December, Mu Sigma Rho and the Department of Statistics sponsored the 2nd Annual Christmas breakfast for all student majors. The aroma of sizzling sausages and French toast cooked by the faculty wafted through the halls. Fresh fruit, orange juice and chocolate milk were also served. About 75 students and faculty enjoyed the breakfast. The activity ended with a boisterous white elephant drawing and lots of laughter.

**COLLEGE PUBLICATIONS**

**Department of Chemistry and Biochemistry**

M.L. Origlia-Luster, B.A. Patterson, E.M. Woolley, “Apparent molar volumes and apparent molar heat capacities of aqueous ethane-1,2-diol, propane-1,2-diol, and propane-1,3-diol at temperatures from 278.15 K to 393.15 K and at the pressure 0.35 MPa,” *J. Chem. Thermodynamics*, 34, 511-526, (2002).

J.J. Jardine, B.A. Patterson, M.L. Origlia-Luster, and E.M. Woolley “Thermodynamics for proton dissociation from aqueous imidazolium ion at temperatures from 278.15 K to 393.15 K and at the pressure 0.35 MPa: apparent molar volumes and apparent molar heat capacities of the protonated and neutral imidazole,” *J. Chem. Thermodynamics*, **34**(6) 895-913, (2002).

W.B. Clayton, B.A. Patterson, J.J. Jardine, and E.M. Woolley “Apparent molar volumes and apparent molar heat capacities of aqueous silver nitrate at molalities from 0.015 mol · kg⁻¹ to 0.5 mol · kg⁻¹, at temperatures from 278.15 K to 393.15 K, and at the pressure 0.35 MPa,” *J. Chem. Thermodynamics*, **34**(10) 1531-1543, (2002).


**Department of Geology**


**Department of Mathematics**


D. Doud “Three-dimensional Galois Representations with Conjectural Connections to Arithmetic Cohomology,” *Number Theory for the Millennium, Proceedings of the*


Department of Physics and Astronomy


Department of Statistics
