

Newsletter

The College of Physical and Mathematical Sciences

August 2003

In the Month of August...

Tuesday, August 5	Devotional: Keith J. Karren, <i>Department of Health Sciences</i>
Monday, August 11	Last Day of Class, <i>Summer Term</i>
Tuesday, August 12	Reading Day, <i>No Devotional</i>
Thursday, August 15	Commencement, <i>Marriot Center</i>
Friday, August 14	Physical and Mathematical Sciences Convocation, <i>8:00 a.m.</i> <i>WSC Ballroom</i>
Tuesday, August 19	Education Week Devotional: <i>Elder M. Russell Ballard, Member of</i> <i>the Quorum of the Twelve Apostles</i>
Monday, August 25 to Thursday, August 28	2003 Annual University Conference
Wednesday, August 27	Annual College Meeting, <i>10:00</i> <i>a.m. W111 BNSN</i>
Thursday, August 28 to Friday, August 29	T.A. Training Conference, <i>8:00</i> <i>a.m. Check-in ESC Foyer</i>

Graduation Reminder

Commencement and Convocation are Thursday, August 14th and Friday, August 15th, respectively. Remember that faculty members are expected to attend at least once per year.

T.A. Training Conference

The annual TA Conference will be held August 28-29. All new TAs are urged to attend and take advantage of the instruction, camaraderie, and lunch.

Virtual ChemLab Workshop

In cooperation with the McKay School of Education and Steve Haderlie of Springville High School, the Department of Chemistry and Biochemistry is sponsoring a 3-day workshop on Dr. Brian Woodfield's Virtual ChemLab, August 6-8.

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Let us realize that the privilege to work is a gift, that
power to work is a blessing, that love of work is
success.

David O. McKay

College Publications

Department of Chemistry & Biochemistry

H-C. Song, Y-W. Chen, J-H. Yao, Z-L. Xu, J.S. Bradshaw, P.B. Savage and R.M. Izatt, "Syntheses of Diazadithiacrown Ethers Containing Appended Coumarin or 1-Aminonaphthalene Sidearms," *J. Heterocyclic Chem.* **40**, 475-479 (2003).

T. Kristof, D. Boda, J. Liszi, D. Henderson and E. Carlson, "The Vapour-Liquid Equilibrium of the Charged Yukawa Fluid from Gibbs Ensemble Monte Carlo Simulations and the Mean Spherical Approximation," *Molecular Physics* **101**, 1611-1616 (2003).

J.R. Sparrow, H.R. Vollmer-Snarr, J. Zhou, Y.P. Jang, S. Jockusch, Y. Itagaki and K. Nakanishi, "A2E-epoxides Damage DNA in Retinal Pigment Epithelial Cells," *J. Biological Chem.* **278**, 18207-18213 (2003).

Department of Computer Science

B. Moring, and T.R. Martinez, "Weighted Instance Typicality Search (WITS): A Nearest Neighbor Data Reduction Algorithm," to appear in *Intelligent Data Analysis*, **7**(6) 2003.

D.R. Wilson, and T.R. Martinez, "The General Inefficiency of Batch Training for Gradient Descent Learning," to appear in *Neural Networks*, 2003.

J. Menke, and T.R. Martinez, "Simplifying OCR Neural Networks with Oracle Learning," to appear in proceedings of *SCIMA 2003 IEEE International Workshop on Soft-Computing Techniques in Instrumentation, Measurement, and Related Applications*, 2003.

X. Zeng, and T.R. Martinez, "A Noise Filtering Method Using Neural Networks," to appear in proceedings of *SCIMA 2003 IEEE International Workshop on Soft-Computing Techniques in Instrumentation, Measurement, and Related Applications*, 2003.

A. Hess and K.E. Seamons, "An Access Control Model for Dynamic Client Content" 8th ACM Symposium on Access Control Models and Technologies, Como, Italy, June 2003.

T.Yu, M. Winslett, and K.E. Seamons, "Supporting Structured Credentials and Sensitive Policies through Interoperable Strategies for Automated Trust Negotiation," *ACM Transactions on Information and System Security*, **6**(1) February 2003.

Department of Mathematics Education

S.B. Walen, S.R. Williams, B.E. Garner, "Pre-service teachers learning mathematics using calculators: a failure to connect current and future practice," *Teaching and Teacher Education*, **19**, 445-462 (2003).

Department of Physics & Astronomy

G.W. Hart, R.L. Spencer and B.G. Peterson, "Observation of and model for nonlinear mode conversion in a non-neutral plasma," *Phys. Plasmas* **(10)** 2738 (2003)

R.S. Millward and E.W. Hirschmann, "Critical behavior of gravitating sphalerons", *Phys. Rev.*, **D68** (2003) 024017

Department of Statistics

Rushton, P., Eggett, D., "Comparison of Written and Oral Examinations in a Baccalaureate Medical-Surgical Nursing Course," *Journal of Professional Nursing*, **19** (3) 142-148 (2003)

Chihara, L.M., Snow, G. L., *S-Plus Guide for Moore's The Basic Practice of Statistics, Third Edition*, W.H. Freeman and Company, New York, (2004).

~This is the End... There Isn't
Anymore~