CALCON 2003

Two BYU professors, Juliana Boerio-Goates of Chemistry and Biochemistry and John Oscarson of Chemical Engineering hosted CALCON 2003, a joint meeting of the Calorimetry Conference and the Japan Society of Thermal Analysis and Calorimetry on the Brigham Young University-Hawaii campus.

More than 120 scientists from the U.S., Japan, Canada, England, France, Germany, Poland, and Australia converged on BYU-Hawaii campus for four days in late July. This was the 58th annual meeting of the Calorimetry Conference and the 39th for the Japanese society, but it was the first time the two groups had met together. Attendees came from research universities, government laboratories and private industries.

BYU has traditionally had a strong contingent of chemistry and chemical engineering faculty who participate in the leadership of the Calorimetry Conference. One of the three awards given by the conference is named after James J. Christensen, who was a professor in the Chemical Engineering Department until his death. This year the Christensen Award address was given by J. Bevan Ott, an emeritus professor of chemistry who was a research colleague of Professor Christensen. Five other BYU faculty and two graduate students presented papers.

As part of the social program, participants and more than 50 accompanying persons visited the Polynesian Cultural Center. Details of the Conference can be found at www.calcon.org

Patti Collings and Lynne Nielsen Hold Workshop

Patti Collings and Lynne Nielsen taught a week-long workshop for approximately 14 beginning AP Statistics teachers at the Intermountain AP Institute held at the University of Utah campus in August.
Department of Statistics to Host BAPS Conference

In conjunction with the ASA/NCTM Joint Committee (American Statistical Association and National Council for Teachers of Mathematics), the Department of Statistics will offer a one-day seminar, Beyond Advanced Placement Statistics (BAPS), for experienced AP Statistics teachers. The course will be held Saturday, September 20, 2003, from 9 a.m. to 5 p.m. in Room 301 TMCB. Registration for the first 25 people will be paid for by a grant. Attendance will earn 0.8 units of CE credit.

The course is divided into four sessions led by faculty from the Department of Statistics and a special invited guest, Roxy Peck, who is currently the chief reader for AP Statistics. Sterling Hilton will present “Analysis of Variance”; Shane Reese, “Bayesian Data Analysis”; Wayne Larsen, “Linear Combinations of Random Variables”; and Roxy Peck, “Multiple Regression.”

Registration forms can be obtained in the Department of Statistics, 230 TMCB or by contacting Lynne Nielsen at lynne.Nielsen@byu.edu or (801) 422-9202.

ASA/JSM Meeting Held in San Francisco, California

Twelve members from the Department of Statistics attended the Joint Statistical Meeting of the American Statistical Association in San Francisco, California August 3-7, 2003. Nine of the twelve participants presented papers, two of which were invited papers. The department also hosted an informal get-together at the Golden Gate Ward for approximately 40 LDS statisticians attending the conference. It was enjoyable to meet and interact with new and former colleagues and enjoy the refreshments provided.
Department of Chemistry & Biochemistry


J.L. Price, E.C. Sorenson, E.D. Merkley, B.R. McRae, and E.M. Woolley, "Thermodynamics of proton dissociations from aqueous L-valine and L-2-amino-n-butanoic acid: apparent molar volumes and apparent molar heat capacities of the protonated cationic, neutral zwitterionic, and deprotonated anionic species at temperatures 278.15 < T / K < 393.15, at molalities 0.015 < m / mol•kg⁻¹ < 0.67, and pressure p = 0.35 MPa." Journal of Chemical Thermodynamics, 35, 1425-1467, 2003.

Department of Computer Science


Department of Geology


Department of Mathematics


Department of Physics & Astronomy


Department of Statistics

