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Department of Chemistry
Bradley M. Stone, Professor of Chemistry.

Degrees Offered: B.A, B.S, M.A, M.S.

Fields of Specialization: M.S. Chemistry (Organic, Biochemistry, Physical, Analytical, Inorganic).

Interdisciplinary Program: M.S. Health Physics and Radiological Safety. B.S. Forensics with Concentration in Chemistry.

ACRIVOS, JUANA

Lustig, Brooke (b.1959) Lecturer in Chemistry. B.S, 1981, University of California, Riverside; Ph.D, 1993, University of California, Los Angeles. My research focuses on computational chemistry and green chemistry. I am particularly interested in intermediate compounds in chemical reactions, and calculation of thermodynamic values for systems in which it may be difficult to isolate a specific species. I am particularly interested in intermediate compounds in chemical reactions. In the area of green chemistry, I am interested in understanding and characterizing chemical reactions that can be used to remove pollutants from the environment. TEL: (408) 924-5449 FAX: (408) 924-4945 Email: girolim@science.sjsu.edu

MULLER, GILLES (b.1970) Associate Professor. B.S, 1993, Louis Pasteur, Strasbourg, France; M.S, 1994, Louis Pasteur, Strasbourg, France; Ph.D, 2000, University of Lausanne, Switzerland. Teaching Postdoctoral Scholar, 2001-2004, University of Minnesota, Duluth. Physical Chemistry. Studying of the solution structure of chiral lanthanide complexes by circularly polarized luminescence (CPL), a chiroptical technique. Lanthanide(s) luminescence as a probe of structures, dynamics, and excited state energetics of metal binding biomolecules (e.g., Ca(II))-binding proteins. Developing, maintaining, improving and using a chiroptical induced-CPL-based technique to determine the absolute configuration of organic molecules. TEL: (408) 924-4973 FAX: (408) 924-4945 Email: gilles.muller@sjsu.edu

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media for chromatography and electrophoresis; biological applications in chromatography and capillary electrophoresis; metabolomics, proteomics. TEL: (408) 924-4950 FAX: (408) 924-4945
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Anuasha Sharma, Evaluation of hydride-based stationary phases for organic normal phase chromatography. (M)

Bhavani Thakker, Synthesis of cationic-based stationary phases on a silica hydride surface. (M)

Dipti Sukul, Capillary electrophoresis on silica hydride-based stationary phases. (M)

Geeta Shetty, Affinity phases based on silica hydride surfaces. (M)

Keerthi Manda, Synthesis of affinity chromatography phases on a hydride surface. (M)

Paul Lee, Preparation and characterization of carotenoids on silica hydride stationary phases. (M)

Sanandini Vepula, Evaluation of bare, etched and etched chemically modified capillaries with inorganic salts. (M)

Susan Larraee, Cholesterol bonded stationary phase for hplc: Testing novel pharmaceutical compounds. (M)

Vasudha Salgotra, Capillary electrophoresis of metalloproteins on etched chemically modified capillaries. (M)

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No publication information submitted for this edition.

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No publication information submitted for this edition.

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No publication information submitted for this edition.

Web: www.chemistry.sjsu.edu/straus/straucho.html
Email: dastraus@email.sjsu.edu

Steven D. Bonsall, Mona Hoscheime, Daniel A. Straus and Giles Muller, Optical isomers of N,N'-bis(1-phenylethyl)-2,6 pyridinedicarboxamide coordinated to europium(III) ions as reliable circularly polarized luminescence calibration standards, Chemical Communications, 35, 3676-3678 (2007).

Web: www.chemistry.sjsu.edu/terrill
Email: roger.terrill@sjsu.edu

Philip Young, YiJiang Li, Roger Terrill and Jing Li, High sensitivity NO2 detection with carbon nanotube-gold nanoparticle composite films. TEL: (408) 924-4950
Web: www.chemistry.sjsu.edu/terrill

No publication information submitted for this edition.

YOUNG, THOMAS Publication list has not been verified by the department.