UNIVERSITY OF IDAHO

Department of Chemistry
Ray von Wandruszka, Chair.

Degrees Offered: B.S., M.S., Ph.D.


BITTERWOLF, THOMAS E. (b. 1947) Professor. B.Sc., 1969, University of Southern Denmark; Ph.D., 1976, West Virginia University. Inorganic Chemistry; Photochemistry. Photochemistry of metal nitroly compounds and halocarbons, antioxidant action, oxygen activation by chemical linkage isomerism and the release of NO under these conditions. Development of photopharmaceutical agents for the delivery of NO for diseases. Past as possible anti-cancer agents. Use of mesoporous silica materials as substrates for catalysis. Kinetics and reaction mechanisms of NO and metal carbonyl decomposition. TEL: (208) 885-6173 FAX: (208) 885-6173

Email: bittert@uidaho.edu

This page contains information on research and teaching activities related to the fields of inorganic chemistry, photochemistry, NO research, and the development of photopharmaceutical agents for medicinal purposes. The contact information provided allows for communication with the professor for further inquiries or collaboration opportunities.


Email: brauns@uidaho.edu

This page contains information on research areas including biophysics, biophysical chemistry, and physical chemistry. The assistant professor's background and expertise in biomolecular dynamics using optical spectroscopy are highlighted, along with their work on kinetic mechanisms and in vivo imaging applications.


Email: brauns@uidaho.edu

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tist, 1991, University of Arizona. Analytical Chemis
try; Electrochemistry. Electrochemical remediation of halocarbons, antioxidant action, oxygen activation by iron complexes, explosives detection. TEL: (208) 885-6387 FAX: (208) 885-6387 Email: ifceng@uidaho.edu

This page contains information on research areas including analytical chemistry, electrochemistry, and environmental remediation. The professor's expertise and contact information are provided for further inquiries or collaboration opportunities.

CHENG, I. FRANCIS (b. 1959) Associate Professor. B.S., 1982, University of Delaware; Ph.D., 1986, The Pennsylvania State University. Postdoctoral Research Fellowship, 1987-1989, Texas A&M University; Scientist, 1991, University of Arizona. Analytical Chemistry; Electrochemistry. Electrochemical remediation of halocarbons, antioxidant action, oxygen activation by iron complexes, explosives detection. TEL: (208) 885-6387 FAX: (208) 885-6387 Email: ifceng@uidaho.edu

This page contains information on research areas including analytical chemistry, electrochemistry, and environmental remediation. The professor's expertise and contact information are provided for further inquiries or collaboration opportunities.


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