

Research Students

Don Wenz

- Worked on synthesis and characterization of vanadium complex with chrysin. He also worked on the interaction of metal complexes with DNA by using Atomic Force Microscopy.

Alex Willing

- Worked on the synthesis and characterization of two titanium flavonoid complexes.

Faith Kabata

- Started working on a project on the radical scavenging activities of vanadium flavonoid complexes.

Koshali Fernando

- Started working on synthesis and characterization of vanadium flavonoid complexes.

Lucas Swingly

- Lucas started worked on synthesis and characterization of vanadium flavonoid complexes.

Justin Bushkowski

- Justin worked on the synthesis of vanadium flavonoid complex and characterized it by using advanced instrumental techniques.

Mike Eannelli

- Worked on magnetic studies of vanadium complexes.

Brian Manick

- Brian worked on NMR spectroscopic studies of solution species of vanadium flavonoid complexes

Jordan Vincent

- Jordan worked on hydrothermal synthesis of vanadium and manganese complexes.

Christopher Piere

- Christopher worked on characterization of vanadium complexes by using solution IR and paramagnetic NMR.

Dan Brezina

- Dan worked with me in writing a manuscript that we submitted to the Journal of Inorganic Biochemistry. This paper is published.

Lindy Watanaskul

- Lindy from St. Johns and St. Benedicts University worked on a new project to see the interaction of metal complex with nucleotides to see the interaction of these complexes with DNA.

Amber Sitzman

- Amber worked on characterization of vanadium complex the electronic properties of this complex by using UV-Vis spectroscopy. She also worked on studying the mutagenetic properties of this complex.

Travis Mills

- Travis worked on synthesis and characterization of vanadium complex with beta-diketonato ligands by using mass spectrometry and IR and UV-Vis spectroscopy. He also worked on studying the mutagenetic properties of this complex.

Rebekah Belayneh

- Rebekah, a high school student, visited SCSU under scientific discovery program organized by minority studies center, worked on the synthesis and characterization of vanadium complex. She presented her results in poster session organized by scientific discovery program.

Jessica Otremba

- Jessica synthesized a titanium complex under inert atmosphere and studied its anticancer properties in Dr. Sreerama's laboratory.

Megan Cleland

- Megan synthesized a known titanium complex to study its anticancer properties and perform its mutagenesis studies.

Octavio Dovalle

- Octavio synthesized two new vanadium complexes and characterized them by using spectroscopic techniques like UV-vis and IR and mass spectrometry. His complexes showed very promising enzyme inhibition properties. He presented his results in the national meeting of American Chemical Society during Spring 2003.

Ruhi Rai

- Rui continued her research on a collaborative project with Dr. Oladele Gazal in which she was involved in testing antidiabetic properties of vanadium complexes that were synthesized in my lab by another student.

Victoria Anderson

- Victoria worked on the project of the coordination of vanadium with tetracycline and oxytetracycline. She got very interesting and useful results that she presented in two national conferences of American Chemical Society.

Emily Chen

- Emily, Apollo High School, worked in my research laboratory under Scientific Discovery Program and Advanced Program in Technology and Science. Project:

Synthesis, Characterization and Spectroscopic Studies of the Vanadium –Kojic Acid Complexes: Potential Glucose Lowering Properties

Kosi Onyeneho

- Kosi Metcalf Jr. High School, Scientific Discovery Program and Advanced Program in Technology and Science. Project: Synthesis, Characterization and Spectroscopic Studies of the Vanadium – 6-Methylpicolinic Acid Complex: Potential Antidiabetic Properties

Dimpho Orionzi

- Dimpho, Apollo High School, Scientific Discovery Program and Advanced program in Technology and Science,. Project: Synthesis, Characterization and Spectroscopic Studies of the Vanadium –6-Hydroxypicolinic Acid Complex: Potential Insulin Mimetic Properties

Felix Sebera

- Felix, St. Marguerite D'Youville S.S., Scientific Discovery Program and Advanced program in Technology and Science. Project: Synthesis, Characterization and Spectroscopic Studies of the Vanadium–Anthranilic Acid and 2-Aminonicotinic Acid Complexes: Potential Insulin Mimetic Compounds. He also presented his results in a poster session organized by University of St. Johns, MN.

Michelle Scanlan

- She worked on a collaborative project, with Dr. Sreerama, entitled, “Enzyme inhibition/activation of aldehyde dehydrogenase with vanadium complexes.”

Jennifer Dechaim

- Jennifer worked on a project entitled, “Enzyme inhibition/activation of aldehyde dehydrogenase with vanadium complexes.” In this project she studied the enzyme inhibition studies of vanadium complexes by using multinuclear NMR spectroscopy.