Faculty Mentors for Undergraduate Research at SFA

Nelson Rusche College of Business

Dr. Ryan Phelps, Economics, phelpsrt@sfasu.edu

Dr. Phelps requires a group project in sections of ECO 339 “Applied Statistics”. Students, in groups of four, are required to apply regression analysis to a data set of their choice. The results can then be used to build a prediction model for the value of the dependent variable given the values of the independent variables.

James I. Perkins College of Education

Eric Jones, Kinesiology, joneej@sfasu.edu

Dr. Tara Newman, Human Sciences, tanewman@sfasu.edu

Dr. Newman has worked on projects with students on co-parenting, undergraduate mentoring, Stress of African American grandmothers (graduate student), with a focus on qualitative research.

College of Fine Arts

Arthur Temple College of Forestry and Agriculture

College of Liberal and Applied Arts

Dr. Michael Tkacik, Government, mtkacik@sfasu.edu

Student research under Tkacik’s supervision focuses on American foreign policy and terrorism. Tkacik regularly works with students to present their research at the Undergraduate Research Conference and at regional conferences (including the Southwest Political Science Association and the Southern Political Science Association). He has published with students as well.

Dr. Lee Payne, Government, paynelee@sfasu.edu

Dr. Cindy Pressley, Government, pressleyc@sfasu.edu

Dr. Dianne Dentice, Social and Cultural Analysis, denticede@sfasu.edu
Dr. Dentice works with undergraduate students on research papers, which are submitted to both the undergraduate research council and the National Sociology Honor Society’s paper competition. The winner of this contest gets a monetary prize in addition to publication in the Social Science Quarterly.

Dr. Tom Segady, Sociology, tsegady@sfasu.edu

Dr. Leslie Cecil, Sociology, cecillg@sfasu.edu

Dr. Liz Tasker, English, taskerea@sfasu.edu

Dr. Lora Jacobi, Psychology, Jacobil@sfasu.edu

Dr. Jeremy Heider, Psychology, heiderj@sfasu.edu

Dr. Heider’s primary research interests center around issues related to stereotyping, prejudice, discrimination, race and sexual orientation. Recently, his attention has turned to the stereotyping faced by small-statured individuals, particularly individuals with dwarfism. Dr. Heider also has research interests in the domain of evolutionary psychology, particularly in terms of differences between men and women in the manner in which they typically respond to a romantic partner’s infidelity.

College of Science and Mathematics

Dr. Alyx Frantzen, Chemistry, afrantzen@sfasu.edu

Dr. Frantzen’s research focuses on the characterization and utilization of clay materials such as separating racemic mixture of D/L–carnitine using modified clay.

Dr. Russell Franks, Chemistry, rjfranks@sfasu.edu

Dr. Frank’s research focuses the synthesis and reactivity of organo iron compounds and the characterization, stabilization, and processing of bio-oil from fast pyrolysis.

Dr. Michele Harris, Chemistry, mharris@sfasu.edu

Dr. Harris’ research interests include separation of enantiomers using modified clays and purification and characterization of naturally occurring enzymes involved in biotransformations to produce single enantiomer products.

Dr. Richard Langley, Chemistry, rlangley@sfasu.edu

Dr. Langley’s research focuses on the preparation and structure of transition metal complexes, as well as preparation and structure of oxides and fluorides.

Dr. Michael Janusa, Chemistry, janusama@sfasu.edu
Dr. Janusa’s research focuses on the analysis of heavy metals in lichens and soils. Research is being conducted to explore the trace heavy metals introduced into the Sabine River and deposited into Toledo Bend.

Dr. Odutayo Odunuga, Chemistry, odunugao@sfasu.edu

Dr. Odunuga’s research focuses (1) biochemical characterization of the Ellis van Creveld syndrome proteins; (2) biochemical characterization of molecular chaperones.

Dr. Kefa Onchoke, Chemistry, onchokekk@sfasu.edu

Dr. Onchoke’s research focuses on various studies of nitrated polycyclic aromatic hydrocarbons from both experimental and theoretical standpoints.

Dr. Arlen Jeffery, Chemistry, jefferya@sfasu.edu

Dr. Jeffery’s research interests focus on the synthesis of antiviral agents.

Dr. Anthony Dubin, Chemistry, dubenaj@sfasu.edu

Dr. Dubin’s research focuses on the characterization, stabilization, and processing of bio-oil from fast pyrolysis.

Dr. John Moore, Chemistry, jmoore@sfasu.edu

Dr. Moore’s research focuses on chemical education, especially education of pre-secondary, secondary, and post-secondary.

Dr. Drew Terranova, Psychology, terranova@sfasu.edu

Dr. Norman Markworth, Physics & Astronomy, nmarkworth@sfasu.edu

Dr. Dan Bruton, Physics & Astronomy, astro@sfasu.edu

Dr. Robert Friedfeld, Physics & Astronomy, rfriedfeld@sfasu.edu

Dr. Joe Musser, Physics & Astronomy, musserja@sfasu.edu

Dr. Walker Trikosko, Physics & Astronomy, wtrikosko@sfasu.edu

Dr. Brian Beavers, Mathematics, beaversbd@sfasu.edu

Dr. Beavers has worked with students on research that resulted in a presentation at a conference in April 2009. His students have created artwork that was exhibited at the 2011 Joint Math Meetings in New Orleans (http://jmm.submit.bridgesmathart.org/single-artist?uid=Anansa) and he has also worked with several students on honors projects that yielded presentations to their classmates.
Dr. Jeremy Becnel, Mathematics, becneljj@sfasu.edu

Dr. Keith Hubbard, Mathematics, hubbardke@sfasu.edu

Dr. Hubbard (in collaboration with Dr. Stroup, Economics) is studying models of how unevenly wealth is distributed across a population, and how that relates to who bears the heaviest tax burden -- two interrelated questions. Both are thoroughly related to calculus. Dr. Hubbard is interested in working with students on this topic and has also worked with students in the past on isomorphisms of group algebras.

Dr. Clint Richardson, Mathematics, crichardson@sfasu.edu

Dr. Kent Riggs, Mathematics, riggske@sfasu.edu