

Professor Joe Ecker is interested in Operations Research and Optimization. Each year he helps guide senior research projects for several students who are interested in these areas. Last year one student studied how linear programming could be useful in placing bets at the track. Another student studied actuarial topics because she wanted to become an actuary. Another student studied the ellipsoid algorithm that is useful in nonlinear optimization. If you are interested in any topic in Operations Research or Optimization or a related area please contact Professor Ecker to discuss possible topics. A senior research project should be something that will benefit you and should be something that you would like to study.