TO: The Engineering Faculty
FROM: The Davidson School of Chemical Engineering
RE: New Optional Concentration – ChE Distinguished Research

The Faculty of the Davidson School of Chemical Engineering has approved the following additional optional concentration to complement the Bachelor of Science Degree in Chemical Engineering. This action is now submitted to the Engineering Faculty with a recommendation for approval.

Proposed Concentration Requirements:

ChE Distinguished Research (9 credits)

_____ (3) CHE 41100 CHE Undergraduate Research
_____ (3) CHE 49800 Undergraduate Thesis Research I
_____ (3) CHE 49900 Undergraduate Thesis Research II *(CHE49800)*

OR

_____ (3) CHE 49800 Undergraduate Thesis Research I
_____ (3) CHE 49900 Undergraduate Thesis Research II *(CHE49800)*
_____ (3) CHE 50000 Level or Higher Elective

***Upon completion of this concentration, students will be awarded ChE Departmental Honors.**

Reason:

The ChE Distinguished Research optional concentration provides undergraduate students a way to complement the BSCHE degree and also be recognized for their participation in undergraduate research, without impeding on the already rigorous undergraduate curriculum. The proposed concentration stems from our School's previous internal ChE Honors Program which was dissolved with the implementation of the university Honors College. Students who completed the former ChE Honors Program (same requirements as above) were also awarded ChE Departmental Honors to be recognized for their additional research achievements. This optional concentration is very attractive to our current undergraduate population who participate in undergraduate research, and also those students in the university Honors College. Students will complete CHE 411000 Chemical Engineering Undergraduate Research or a ChE 50000 Level or Higher Elective to fulfill their Technical Engineering Selective (3cr), CHE 49800 Undergraduate Thesis Research I to fulfill their Engineering Selective (3 cr) and CHE 49900 Undergraduate Thesis Research II to fulfill their Chemical Engineering Selective (3cr). Students who complete the requirements for the ChE Distinguished Research Concentration will also be awarded ChE Departmental Honors upon graduation for their additional research efforts.

Sangtae Kim
Jay and Cynthia Ihlenfeld Head of Chemical Engineering