Foreword

Marcia A. Shobe

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Welcome to Volume 16 of the *Inquiry Undergraduate Research Journal.* The *Inquiry Journal* was developed by the Teaching Academy of the University of Arkansas and is supported financially and conceptually by the offices of the Provost and the Vice Provost for Research and Economic Development. *Inquiry* provides a forum for sharing the research and creative endeavors of undergraduate students and their faculty mentors at the University of Arkansas.

Volume 16 of the *Inquiry Undergraduate Research Journal* features the unique contributions of four undergraduate student authors and their faculty mentors. Their research and creative endeavors span diverse fields at the University of Arkansas, including Architecture, Biological Sciences, Horticulture and Food Sciences, and Mathematics. In her study, Sophie Hollenberg finds support for an innovative medical intervention to treat hospitalized patients infected with pseudomembranous colitis, a common bacterial infection. Bethany Sebesta examined the relationships between sensory and composition attributes of blackberry genotypes from the University of Arkansas Department of Agriculture breeding program in order to inform future breeding decisions. In the field of Mathematics, Raymond T. Walter provides a concise and complete explanation of a classical result of Liouville that every conformal map is a Möbius transform in Euclidean space of dimension at least three. Finally, Leniqueca Welcome, Architecture, provides a comprehensive analysis of the ways in which ornamentation was used on the exterior of residential homes to reflect a socio-political class system in 20th century Trinidad.

I would like to extend a special thank you to the many faculty members who volunteered their time and expertise to provide comprehensive reviews of student manuscripts. While we are unable to publish all of the submitted manuscripts, we want to thank the students and faculty mentors for their diligent efforts. Please join me in congratulating our authors; I hope that you enjoy this edition of the journal as much as we have.

We plan to publish Volume 17 of the *Inquiry* journal in September 2014. I encourage undergraduate students and faculty mentors to consider the *Inquiry Undergraduate Research Journal* for future publication.

Marcia A. Shobe, Editor