

Andrews University
Digital Commons @ Andrews University

Annual Research Brochure

Office of Research and Creative Scholarship

2011

2011 Research at Andrews

Andrews University

Follow this and additional works at: <http://digitalcommons.andrews.edu/researchbrochure>

This Book is brought to you for free and open access by the Office of Research and Creative Scholarship at Digital Commons @ Andrews University. It has been accepted for inclusion in Annual Research Brochure by an authorized administrator of Digital Commons @ Andrews University. For more information, please contact trobtsn@andrews.edu.

Research and Creative Scholarship

at Andrews University

Summer 2011, Volume 2

Hearing the Cosmic Violin

Tiffany Summerscales

Building Bridges

Jacques Doukhan

More than Meets the Eye

Steve Hansen

Incubating Innovators

Desmond Murray

Good Things Come in Small Classrooms

Jerome Thayer

Deciphering Layers of History

Øystein LaBianca

Authorizing Shakespeare

Monique Plattman

Inaugural Siegfried H. Horn Excellence in Research and Creative Scholarship Awards

Shandelle Henson

Larry Burton

Karen Allen

Richard M. Davidson

Editor: Pat Spangler

Writer: Samantha Snively

Photographers: Brad Austin, Darren Heslop, Martin Lee, Sarah Lee

Production: Office of Integrated Marketing & Communication

Cover: Jordan Fieldschool excavation team at Tell Hesban. **Top:** Robert Bates (seated), Elizabeth Bates, Jessica Bates **Bottom:** Jennifer Shrestha, Jonathan Thompson, Mandy Womack, Ruth Wankyo, Christopher Jenkins

September 2011



Dear Friends of Andrews University:

Welcome to our second annual publication, *Research and Creative Scholarship at Andrews University*, Summer 2011. In the following pages, you will see highlights of a few of the ongoing research projects at Andrews University. These projects range from

a quantitative analysis of the effectiveness of the Seventh-day Adventist primary and secondary education system to a search for gravitational ripples in the fabric of the universe. The multi-disciplinary nature of research is evidenced in the work of Jacques Doukhan to promote greater Jewish-Christian understanding, and in the work of Øystein LaBianca to develop an integrated approach to the “little traditions” illuminated by ancient Middle Eastern archaeology.

The University is composed of inquisitive spirits and investigative minds. Therefore, a distinguishing attribute of Andrews University is the infusion of research and creative scholarship into its academic fabric. Research and creative scholarship permeate our academic life, inform our teaching and strengthen our emphasis on generous service. Research is always a collaborative endeavor. Faculty members participate in interdisciplinary collaborations, and students are mentored by their teachers in the intricacies of conducting research.

Siegfried H. Horn (1908–1993), my teacher, colleague and friend, set a wonderful example of what it means to be an Andrews scholar. By pioneering an interdisciplinary approach to archaeology in the Middle East, Siegfried Horn transformed the field of biblical archaeology and influenced the careers of scores of his students who continue projects he started. In recognition of Siegfried Horn’s contribution to scholarship, we have established an Excellence in Research and Creative Scholarship Award in his name. More about Siegfried Horn’s career and the first recipients of the Excellence award are presented on pages 13–15.

A recent report indicated that universities need to prepare students for careers that do not yet exist and to use technologies that have not yet been invented in order to solve problems that we are not yet aware of. At Andrews University, we believe one way to prepare students to meet this challenge is to equip them with the skills to conduct research. Students who have learned to solve problems by means of well-designed research processes will be equipped to face new challenges for the rest of their lives.

I hope you enjoy this second annual presentation of some of the ongoing research programs of our faculty and students.

Cordially,

Niels-Erik Andraesen

President