

College of Natural Sciences and Mathematics

Degrees offered:

- Associate of Science
- B.S. or B.A. in **Biology**
- B.S. or B.A. in **Cell Biology**
- B.S. or B.A. in **Computer Information Science**
- B.S. or B.A. in **Computer Science**
- B.S. in **Environmental Science**
- B.S. or B.A. in **Macrobiology**
- B.S. or B.A. in **Mathematics**
- B.S. or B.A. in **Natural Sciences**
(with an emphasis in biology, chemistry, or physics)

Minors offered in the following:

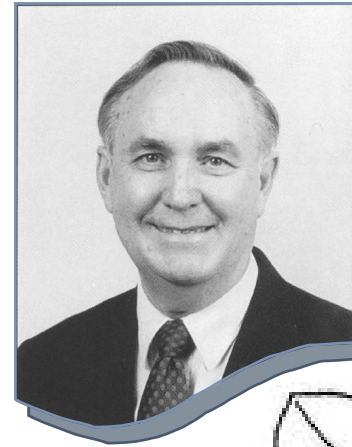
Biology, Chemistry, Computer Information Science, Computer Science, Environmental Science, Mathematics, and Physics

Pre-Dental, Pre-Medical, and other Pre-Professional programs include the following:

Pre-pharmacy, Pre-nursing, and other pre-allied health fields.

After completing a degree through the College of Natural Sciences and Mathematics, recent graduates have gone on to careers in computer management, education, environmental quality control, medicine, software programming, and statistics.

In addition, the degrees offered in the College of Natural Sciences and Mathematics have enabled graduates to continue to expand their knowledge through graduate school and other professional schools. In all cases, alumni from this college are prepared to serve as vocational ministers to bring glory to God's Kingdom in whatever careers they pursue.



Dr. Herbert Robbins Research Symposium October 25 - 26, 2013

Pachysandra procumbens



Sponsored by

DBU's College of Natural Sciences and Mathematics
and the Texas Alpha Nu Chapter of Alpha Chi

Dr. Herbert Robbins (1929 - 2000), served DBU from 1969 until his retirement in 1997. During his tenure, he served as Dean of the College of Natural Sciences and Mathematics from 1979 - 1994, and piloted the establishment of a strong allied health program and biology major. Receiving his Ph.D. from Vanderbilt University in 1960, Dr. Robbins was responsible for the taxonomy of an entire Genus, *Pachysandra*.

Dr. Robbins was a gifted teacher who loved his students and challenged them to reach their full potential. In 1995, he was awarded the Piper Professor Award of Texas, designating him as professor of the year throughout the state of Texas. He was a fine Christian gentleman who served the Lord. He and his wife, Esther, had five children and many grandchildren, many of whom are graduates of DBU. Dr. Robbins went home to be with the Lord on September 30, 2000.

The Dr. Herbert Robbins Research Symposium honors the legacy of Dr. Robbins.

To God be the Glory!

**Friday, October 25
Sadler Hall, Patty and Bo Pilgrim Chapel**

7:00 p.m. – 7:10 p.m.

Welcome
Dr. Dion Fleitas, Dean
Alpha Chi National Honor Society

7:10 p.m. – 7:45 p.m.

Keynote Address
“It All Started with a Call to the Office”
Alison Hartwell, MSN, CNM, C-EFM

7:45 p.m.

Refreshments and Fellowship

**Saturday, October 26
Sadler Hall, Patty and Bo Pilgrim Chapel**

9:00 a.m. – 9:25 a.m.

**Clinical Effectiveness of Implantable
Cardioverter Defibrillator Replacement**
K. Brooke Peters

9:25 a.m. – 9:50 a.m.

**Nuclear Magnetic Resonance Reveals Effects
of Nutrient Enrichment on Leaf Litter
Breakdown in HWS Alaska**
Katherine Hooker

9:50 a.m. – 10:15 a.m.

Gait Stability Over Dissimilar Surfaces
Elizabeth Sizemore

10:15 a.m. – 10:40 a.m.

**Compartment-specific Role of B Cells in
Experimental Autoimmune Encephalomyelitis**
Amanda Vines

10:40 a.m. – 11:05 a.m.

**Effects of Habitat Complexity on Intraguild
Predation and Cannibalism in an
Assemblage of Size-structured Predators**
Shannon Carter

11:05 a.m. – 12:00 noon

Pizza Lunch

12:00 – 12:25 p.m.

**The Dallas Heart Study and the Study of Cardiac
Muscle Through Magnetic Resonance Imaging**
Victoria Palos

12:25 p.m. – 12:50 p.m.

**Environmental Controls on Nutrient Release
Rates from Sediments in the Rhode River**
Stephanie Ortiz

12:50 p.m. – 1:30 p.m.

Endnote Address
“Out of the Lab and Into Life”
Alison Hartwell, UNT Health Science Center