Dr. Jerry W. Forbes Research Scholarship in Physics 882727
DATE CREATED: September 15, 2016
CREATED BY: Bryce M Dexter

HISTORY:
Dr. Jerry Forbes is a 1963 graduate of WIU with a BS in Physics. Dr. Forbes grew up in Galesburg Illinois and completed his B.S. in Physics and Mathematics at WIU, after which he went on to complete MS in Physics from the University of Maryland and his Ph.D. in Shock Wave Physics in 1976 from Washington State University. Dr. Forbes is one of the leading scientists in the area of Shock Wave Physics and for his work in this field became a Fellow of the American Physical Society in 1992. He has spent thirty-three years at the Naval Surface Warfare Center (White Oak and Indian Head laboratories) and seven years at Lawrence Livermore National Laboratory as leader of the High Pressure Materials group in the Chemistry Directorate, four years (2003-2007) at the Center of Energetic Concepts at the University of Maryland’s mechanical engineering department and has been a senior Physicist at the Center for Energetics Technology Center from 2007. While at the White Oak Navy Laboratory he was Material Interaction program manager for the Navy's Chair Heritage electron beam program from 1976-1983. This electron beam program later became the "Nations Star Wars program" run by the Air Force. In the fall of 2009 Dr. Forbes came back to WIU and gave a seminar at the Physics department on Shock Wave Physics of Condensed Matter. Dr. Forbes was the recipient of the prestigious American Physical Society’s George E. Duvall Shock Compression Science Award in 2015.

This Scholarship was created by Dr. Forbes to demonstrate his commitment to the field of Physics and his on-going support to the students at Western Illinois University.

CRITERIA:
Students must be actively involved in an approved faculty-mentored student research project in the Department of Physics
Undergraduate Physics Major in the RISE (Research Inspiring Student Excellence) program, which requires a minimum GPA of 2.800
Documented need of the student to complete their research project, such as needed supplies, equipment or conference travel

TERMS:
This scholarship will award $1000 each year and may be split between deserving student applicants in order to fund as many undergraduate student research projects as possible. Approved
applications will have their expenses paid from this account. Expenses may include research supplies and equipment necessary for the student to complete their approved faculty-mentored student research project in the Department of Physics as well as conference travel expenses associated with an approved conference presentation of the results of their physics research project.

**SELECTION PROCESS:**
Application forms are to be submitted to the Department of Physics. The recipients are selected by the Department of Physics Scholarship Committee.

**APPLICATIONS:**
Available in the Department of Physics, Currens Hall 212

**INQUIRIES SHOULD BE SENT TO:**
Department Chair
Department of Physics
Western Illinois University
One University Circle
Macomb, IL 61455
Department Chair

**DEADLINE FOR APPLICATION:**
Contact the Department of Physics

**IS THIS AWARD OR SCHOLARSHIP RENEWABLE?**
Yes, but the student must update their application each new academic year and will re-enter the competition with other student applicants.

**WHAT ARE THE CRITERIA FOR RENEWAL?**
The student must still maintain a GPA of 2.800 and be an undergraduate Physics Major; their application will then compete with the other student applicants that academic year.

Reviewed by:

________________________________________  ________________
Terri Hare, Director, University Scholarships  Date

Approved by:

________________________________________  ________________
Jerry W. Forbes, Donor  Date

________________________________________  ________________
Brad Bainter, Executive Officer  Date
WIU Foundation