

For those of you who have supported the program in the past in any way, on behalf of the faculty and students who have benefited from your generosity, thank you.



If you would like to help, simply fill out and return the enclosed card with your donation, noting explicitly which fund your donation is intended for.

All donations will be acknowledged in *Momentum*, the departmental annual newsletter, and on the department web site, organized by the level of the donation. Current donor levels are < \$100, \$100 to \$249, \$250 to \$499, \$500 to \$999, and ≥ \$1000.

If you have any questions about the Funds discussed in this brochure or wish additional information about how you can help support the programs within the Department of Physics and Astronomy, don't hesitate to contact the Department. For more information, please feel free to contact *Kathleen Brady*, KUEA Senior Development Director of the College of Liberal Arts and Sciences. A complete list of addresses and communications links for the Department and KUEA is supplied within this brochure.

Thank you again for your time and consideration. Rock Chalk, Jayhawk.

The University of Kansas





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FOCUS on the FUTURE



**A Campaign to
Expand and Enhance
Financial Support
for Undergraduate
and Graduate
Students within the
Department of
Physics & Astronomy**

THE STUDENTS

The Department of Physics & Astronomy has long prided itself on the exceptional qualities of its undergraduate students, graduate students and alumni, qualities best evidenced by the willingness to accept the challenge of working toward a degree within one of the most difficult fields in the physical sciences. Our current graduate students are no exception, as exemplified by the quality of work and



the range of topics being investigated. Just a few examples are pictured here: **Sarah Reynolds** – Physics graduate student working on the angular dependence of the radiation spectra of gamma ray bursts and recipient of the De-

partment Outstanding Service Award; **Rainer Schiel** — Ph.D. candidate whose Master's thesis on cosmic ray showers received the Outstanding Research Project



Award from the College of Liberal Arts and Sciences; **Javier**



Baca — Ph.D. student working on microstructure characterization of superconductors using the facilities at the US Air

Force Research Lab in Dayton, Ohio; **Rose Lynn Emergo**— Physics graduate student within Condensed Matter working on pulsed laser deposition of thin-film



superconductors;



and **Justace Clutter** — Ph.D. candidate specializing in experimental High Energy Physics working at Fermilab on D0 and analysis of data on the top quark. Of the many talented graduate students associated with our Department represented by this small subset, including dozens who apply annually to do

graduate work in Physics and Astronomy at KU, the Department can currently offer supplemental financial aid to only **one student** through the funds provided by the Lowry Fund, created in 2005. Our inability to offer endowment-supported stipends places the Department at a severe competitive disadvantage when it comes to recruiting new students.

THE GOAL

The core of our campaign is the goal of raising

\$50,000

for the

JOHN W. LOWRY

ENHANCEMENT FUND

The **Lowry Enhancement Fund** was established through the generosity of Cathy and Jack Lowry in memory of their son, John, who earned BS and MS degrees in Physics within the Department in the 80's. **This fund provides financial support for qualified graduate students at all levels, from incoming students to those completing their Master's or doctoral research.**

Will a successful campaign eliminate the problem? No, but it will serve as a foundation for expanding the options for our students and enhancing their educational experience within the Department.

While the **Lowry Enhancement Fund** is the central theme of this campaign, there are additional Department funds that are deserving of support and may serve a need closer to your interests. The funds and their specific purposes are listed below.

Badgley Fund

Established by the estate of Esther Weik Badgley,

the fund provides financial support for a female undergraduate majoring in any program within the Department.

General Development Fund

This fund is unrestricted and is used to meet the day-to-day expenses associated with the operation of the Department, such as colloquia, special events such as the visit of Nobel Prize winner Frank Wilczek, and student activities, such as the SPS road trip to Fermi Lab featured on the cover of this brochure

Prosser Fund

Established by Professor Emeritus Frank Prosser, this fund provides financial support for an outstanding junior majoring in Physics or Engineering Physics



Stranathan Fund



Established by the Stranathan family, this fund provides financial support for an outstanding senior majoring in Physics or Engineering Physics

Tombaugh Fund

Established by friends and alumni of the Astronomy program, this fund supplies financial support for undergraduates majoring in Astronomy



Undergraduate Scholars Fund

This recently created fund is designed to raise scholarship funds to support any and all undergraduate majors within the Department. It complements our graduate campaign at the undergraduate level



Zeller Fund

Established by Professor Gisela Dreschhoff, this fund supplies financial support for the purchase of instrumentation for research or lab use