

**Research Universities Graduate Program Support**

**Total: \$10,000,000**

By statute, Utah has two research universities: the University of Utah, which is the flagship institution of the USHE, and Utah State University, the state's land-grant institution. By mission each has a responsibility for graduate programs including at the doctoral and professional level. These advanced levels of education and training are critical to maintain the quality of instruction at the USHE institutions, build Utah's economy through advanced skills that attract higher wages, and promote innovation among Utah's workforce.

**UNIVERSITY OF UTAH**

**\$6,000,000 (60%)**

**Research Excellence \$3,000,000**

**Description** – Funding will be used to recruit and retain faculty in departments where we have strategic PhD/Research programs. As Utah's only university currently classified as a very high research institute, it is important that we not only maintain the quality of our research faculty and education program as compared to peer institutions, but that we strive to increase our prestige and research funding. To accomplish this, we must recruit and be able to retain top faculty in strategic research areas. These faculty are the key to successful education of future researchers and faculty who will carry out the discoveries needed for innovation and commercialization.

**Performance** – We will measure the success of this funding by hiring and retaining key faculty in strategic research areas. Increases in grant funding as well as attracting top graduate students will also measure success.

<b>Budgetary Plan</b> –	Salaries, Wages & Benefits	\$ 2,800,000
	Operating Expense	<u>\$ 200,000</u>
	Total	\$ 3,000,000

**Graduate Program Expansion and Support \$1,000,000**

**Description** – As a research institution, the U's mission includes educating future faculty. Top graduate students in Ph.D. programs receive graduate stipends as part of their participation in Ph.D. education. The resources to fund these stipends have not kept pace with amounts needed to match the national average for Ph.D. students. This leaves us at a disadvantage for recruiting the caliber of graduate students we need both to maintain the prestige of our programs and to retain quality faculty. We need to be able to recruit talented students and expand student recruitment in key areas, such as STEM, to meet needs of the workforce including the next generation of STEM faculty.

**Performance** – Success will be measured by our ability to recruit top student talent for key Ph.D. programs as well as student graduation and job placement.

**Budgetary Plan** – Salaries, Wages & Benefits \$ 1,000,000

**Professional Graduate Program Support \$1,000,000**

**Description** – The University of Utah educates many of the students who receive advanced professional graduate degrees which are in high demand by Utah businesses and industries. To ensure that the demand is met, additional faculty are needed in areas such as nursing, other health science fields, and STEM fields.

**Performance** – Success will be measured by recruitment of faculty in these areas and the increased number of qualified students who can be recruited and successfully graduated in these strategic, high demand professional fields.

<b>Budgetary Plan</b> –	Salaries, Wages & Benefits	\$ 800,000
	Operating Expense	<u>\$ 200,000</u>
	Total	\$1,000,000

**Research Information and Databases - Library \$500,000**

**Description** – Ready access to scientific databases and research publications is critical to the success of faculty and graduate students. As libraries transform the way they provide access to information, there is a need to upgrade equipment as well as to support subscriptions to online databases.

**Performance** – Success will be evaluated by upgraded tools for accessing information as well as increased use by faculty and graduate students.

**Budgetary Plan** – Operating Expenses \$ 500,000

**Research Systems Support – Core Facilities \$500,000**

**Description** – The University of Utah offers a number of core facilities that provide advanced technologies and equipment to researchers. The goal of cores is to make technology and expertise available to all faculty members and students. This allows institutional funds to be used efficiently across the research mission. Funding for support personnel, including directors with advanced training, will enhance the effectiveness of core services and operations.

**Performance** – Success will be measured by increased usage of core facilities by research faculty and students.

**Budgetary Plan** – Operating Expenses \$ 500,000

**Graduate Program Support \$4,000,000**

*Description* – Any funding ear-marked for graduate programs presents a tremendous opportunity for the university to strengthen its academic graduate offerings and opportunities for students throughout the university's family of programs. Departments that offer graduate programs continually strive for excellence. These funds will provide students with expanded opportunities, will provide assistantships, and will alleviate some of the struggles some programs have had with accreditation standards. The university intends to add up to two dozen new positions through this funding. In addition, opportunities for graduate teaching assistantships in five different colleges will be expanded. Finally, the Library has identified new opportunities for subscriptions.

*Outcomes* – The University has identified several programs that need investment of faculty positions. These positions provide instruction as well as research in some cases. Some departments have instructional shortages because of increasing student enrollments; new faculty and instructors can be assigned courses and laboratory instruction that reduce bottlenecks. Other departments have expanded programs that enhance the land-grant mission of the institution; new faculty will bring additional visibility and vitality to these programs. The potential for return-on-investment for the state is high.

Many of the faculty targeted will bring existing research programs and projects with them. These programs generally include graduate research assistantships. This will be in immediate benefit of these funds. Programs receiving new positions will gain faculty capacity, providing students with new or enhanced learning possibilities. Students will have improved pathways to graduation as well as greater opportunities for out-of-class experiences.

*Assessment* – Number of faculty hired, student credit hour reports, completion rate, time to completion, assistantships.

<i>Budgetary Plan</i> –	Salaries, Wages & Benefits	\$ 3,500,000
	Operating Expenses	\$ <u>500,000</u>
	Total	\$ 4,000,000