

APPROPRIATIONS REQUEST FORM OREGON HOUSE DELEGATION FISCAL YEAR 2010

DEADLINE FOR SUBMISSION: FEBRUARY 13, 2009

PLEASE NOTE: As required by the House Appropriations Committee, all requests will be made public on the requesting Member's website.

1. Project Title: Legacy Institute for Surgical Education and Innovation (LISEI)

2. Organization Name and address:

Legacy Health System
1919 NW Lovejoy
Portland, OR 97209

3. Primary Contact name, phone number, mobile phone number, fax number and email:

Melissa Rose
Ph: (503) 413-6952
Fax: (503) 413-6930
mnrose@lhs.org

3. Project Location Address (if different from Organization):

Additional sites will include:

- Carl Peterson Clinical Education Center at Legacy Emanuel Hospital & Health Center, 2801 N. Gantenbein, Portland, Oregon, 97227
- Legacy Clinical Research & Technology Center, 1225 NE 2nd Avenue, Portland, Oregon 97232

5. Please describe the requesting organization's main activities, and whether it is a public, private non-profit, or private for-profit entity:

Private, non-profit hospital system offering the full range of health services.

6. Briefly describe the activity or project for which funding is requested (please keep to 500 words or less.)

The Legacy Institute for Surgical Education & Innovation (LISEI) is an Accredited Education Institute of the American College of Surgeons (ACS). As the designated regional simulation training center, LISEI aims to deliver paramount education services to surgeons, surgeons-in-training, nurses, OR technicians and other interdisciplinary team members with measurable outcomes in patient safety, cost-effectiveness, and accelerated adoption of new procedures and devices in the operating room. LISEI is also the designated regional testing center for the Fundamentals of Laparoscopic Surgery (FLS) exam. FLS was designed for surgical residents, fellows and practicing surgeons to learn and practice laparoscopic skills to have the

opportunity to definitely measure and document those skills. The FLS Test measures cognitive knowledge, case/problem management skills and manual dexterity.

LISEI brings together the surgical, clinical and teaching talents of Legacy's Minimally Invasive Surgery Program, Level 1 Trauma Center, and Carl Peterson Clinical Education Center to train residents, fellows, surgeons, nurses and other interdisciplinary team members from hospitals and residency programs throughout the Pacific Northwest and beyond. The program offers a variety of Continuing Medical Education (CME) and General Medical Education (GME) courses, including Fundamentals of Laparoscopic Surgery and Advanced Trauma Life Support. Training curricula are designed for improving skills at both team and individual levels.

Minimally Invasive Surgery (MIS), often call "laparoscopic" or "endoscopic" surgery, is a technique of performing complex surgical procedures through small incisions. Laparoscopy permits an internal view of the body with a slender telescope about one-half inch in diameter and 18 inches long. Highly skilled physicians insert the laparoscope through a small incision, eliminating the need for a large incision. MIS significantly reduces the stress and discomfort associated with traditional surgery. All of which means less trauma to the body, less recovery time, significantly less pain, and, most importantly, more peace of mind for their patients. Instead of a 5- to 8-day hospital stay and 4 to 6 weeks of painful recovery at home, most patients now leave the hospital in a day or two and return to normal activities within a week.

LISEI seeks to expand upon the number of courses offered and individuals trained through the acquisition of two surgical simulators. Simulation is the replication and modeling of real-life situations for training, testing and other purposes such as scenario planning and design verification. While simulation for surgery focuses on critical procedural tasks, simulators also have the potential to offer complete operating room and team training as well as enabling scenario planning and practice with unusual pathologies, different anatomies, and uncommon diseases and conditions. Surgeons are even be able to rehearse procedures and patient-specific operations with real data drawn from diagnostic equipment and patient information. Having these new simulators will enable the program to enhance the quantity and quality of surgical education, thus increase patient safety and resulting in better outcomes for patients and decreased costs for the healthcare system as a whole.

7. Has this project received federal appropriations funding in past fiscal years? No

7a. If yes, please provide fiscal year, Department, Account, and funding amount of any previous funding.

8. Federal agency and account from which funds are requested (Please be specific –e.g. Department of Housing and Urban Development, Economic Development Initiatives account): Labor, HHS bill / HRSA

9. What is the purpose of the project? Why is it a valuable use of taxpayer funds? How will the project support efforts to improve the economy and create jobs in Oregon?

The purpose of the project is to improve the quality of surgical education and training in the Pacific Northwest in order to increase patient safety and quality, increase cost effectiveness of the health care system, and continue to seek innovation in surgical care for new diseases/conditions.

The project supports efforts to improve the economy and create jobs in Oregon by providing the highest quality training in MIS to new residents and fellows, helping to meet the need for highly skilled and training health professionals in our hospitals and communities. It may also create jobs by further defining Oregon as a center of excellence for surgical training, thereby bringing additional educational participants to our state as well as patients seeking care.

10. Have you requested funding for this project from other Members of Congress? If so, who? Senators Wyden and Merkley

11. Funding Details:

a. Total project cost (all funding sources and all years): \$1 million

b. Amount being requested for this project in Fiscal Year 2010: \$250,000

c. What other funding sources (local, regional, state) are contributing to this project or activity? (Please provide specific dollar amount or percentage.)

The annual operating budget of the LISEI program is approximately \$700,000. The program is Center is wholly funded by Legacy Health System and other private sources, including Ethicon, the Oregon Clinic, other industry sponsorship and research grants. An additional \$1 million is planned for capital purchases and renovations to expand the physical training space available at the Carl Peterson Clinical Education Center and Legacy Clinical Research & Technology Center over the next three years. Legacy will be seeking funding for this through fundraising (private donations and foundation grants) and industry contributions.

This specific equipment purchase would be \$250K funded with the appropriation.

d. Do you expect to request federal funding in future years for this project? No

e. Breakdown/budget of the amount you are requesting for this project in FY 2010. (e.g. salary \$40,000; computer \$3,000):

- Surgical Simulator with Basic Laparoscopic Surgical Skills & additional training modules \$151,000
- Flexible Endoscopy Simulator \$110,000

f. Please list public or private organizations that have supported/endorsed this project:

- General Surgery Department of Providence Seaside Hospital
- Gregory Winn, MD, Hermiston, Oregon
- Dr. William Graham, DO, Portland, Oregon

Additional support forthcoming

g. Is this project scalable? (i.e. if partial funding is awarded, will the organization be able to use the funds in FY 2010?): Yes