

# 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:** ORCATECH – The Oregon Center for Aging and Technology

**2. Organization Name and address:**

Oregon Health & Science University  
3181 SW Sam Jackson Park Road  
Portland, OR 97239

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

Lynne Davis Boyle  
Director of Federal Relations  
Government and Community Relations  
3181 SW Sam Jackson Park Road, L101  
Portland, OR 97239  
Phone: 202-256-5070  
Fax: 202-349-4099  
Email: [boylel@ohsu.edu](mailto:boylel@ohsu.edu)

**4. Project Location Address (if different from Organization):**

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

Oregon Health & Science University is the state's only health and research university, and Oregon's only academic health center. OHSU is Portland's largest employer and the fourth largest in Oregon (excluding government), with 12,700 employees. OHSU's size contributes to its ability to provide many services and community support activities not found anywhere else in the state. It serves 210,000 patients annually, and is a conduit for

learning for more than 3,400 students and trainees. OHSU is the source of more than 200 community outreach programs that bring health and education services to every county in the state.

As a leader in research, OHSU earned \$299 million in research funding in fiscal year 2008. OHSU serves as a catalyst for the region's bioscience industry and is an incubator of discovery, averaging one new breakthrough or innovation every three days, with more than 4,000 research projects currently under way. OHSU research has resulted in 37 new spinoff companies since 2000, most of which are based in Oregon.

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

The challenges of caring for the aged require new approaches to sustaining their health. Evolving home-based technologies such as unobtrusive activity monitoring, medication taking assurance systems, sleep health monitors, and chronic disease management programs can revolutionize our ability to remain healthy and independent. ORCATECH seeks to grow investment in, and remove barriers to the fundamental science, the translational research, and the business startup breakthroughs possible in all these areas. Our goal is to sustain Oregon's lead in this area nationally, engaging academics and companies so as to become a leader in shaping and benefiting from this independent living technology industry. Oregonians and society as a whole will benefit immensely from both a financial standpoint (billions of dollars; hundreds of jobs), as well as the quality of life found in maintaining independence.

We request support to transition ORCATECH's unique home-based independent-living research model – called the “Living Lab” - into a state-wide network dedicated to establishing the evidence that technology can be used to allow Older Americans to “age in place.” A prototype of 230 homes has been created in Portland. Building on this experience, we will establish the first statewide version of this system for both academic and industry research. The proposed network would comprise 5 clusters of 20 technology-enabled homes throughout Oregon covering key constituencies (rural, urban, ethnic minorities, and socioeconomic diversity). The statewide “*Living Laboratory*” of technology-enabled homes would provide a scalable, flexible test-bed for scientific, clinical, behavioral, and economic research into independent living technologies.

**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):**

Department of Health and Human Services: Administration on Aging

**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?**

As America ages, it is increasingly faced by the challenge of how to sustain health and independent living among its older citizens. This project seeks to help address that challenge through the use of evolving home-based technologies such as unobtrusive activity monitoring, medication taking assurance systems, sleep health monitors, and chronic disease management programs. If successful, this project will not only help improve quality of life for older Oregonians and other Americans, but should also result in cost savings to the health care system (Medicare, Medicaid, etc.) In regards to supporting Oregon's economy, industry is interested in using this network of *in situ* homes for rapidly prototyping new products, such as software or informational call-centers for home-health management. Should these products prove effective, hundreds of jobs are likely to be created with such product manufacturing. Hundreds of additional health care jobs will likely be created as a result of a new in home health care delivery model that would develop.

**10. Have you requested funding for this project from other Members of Congress?  
If so, who?**

We are making this request of all members of the Oregon Congressional Delegation.

**11. Funding Details:**

**a. Total project cost (all funding sources and all years):**

\$1,050,000

**b. Amount being requested for this project in Fiscal Year 2010:**

\$800,000

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

Intel is contributing \$250,000 for Fiscal Year 2010.

**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):**

- Statewide Coordination Infrastructure : \$325,000  
(Statewide coordinator, Broadband/Internet, database management, software updates and networking)
- Equipment for 100 Homes (sensors, computers): \$200,000
- Regional (5 Districts) Support Personnel: \$275,000  
(technical support , home set-up/maintenance, health assessment)

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

**INDUSTRY PARTNERS**

**Eric Dishman** - Intel Fellow, Digital Health Group (eric.dishman@intel.com)

**Troy Griffiths** - President and CEO, Vigil Health Systems (tgriffiths@vigil.com, 877-850-1122)

**Jeff Los** - Partner, Ankrom Moisan Architects (jeffl@amaa.com, 503-245-7100)

**Devin Williams** - CEO, Spry Learning Company (devinw@mindspring.com, 503-229-0880)

**RETIREMENT COMMUNITIES**

**Lydia Lundberg** - Founder and Co-owner, EliteCare and EliteCare Technologies (Lydia@oatfieldestates.com)

**Jim Mertz** - President and CEO, Willamette View Retirement Community (jamesm@willametteview.org, 503-654-6581)

**Tom Becker** - President and CEO, Pacific Retirement Services (tom@retirement.org)

**Vassar Byrd** - Rose Villa Retirement Community (vbyrd@rosevilla.org, 503-652-3279)

**COMMUNITY PARTNERS**

**Joyce DeMonnin** - Director of Public Outreach, AARP Oregon (JDeMonnin@aarp.org, 503-513-7351)

**Claude Goodman** - CareWheels (ClaudeGoodman@CareWheels.net)

**Ruth Gulyas** - Oregon Alliance of Senior and Health Services (rgulyas@oashs.org, 503-684-3788)

**ACADEMIC PARTNERS**

**David Douglas** - Portland VA Medical Center (David.Douglas3@va.gov)

**David Woodall** – Provost and Vice President, Academic Affairs, Oregon Institute of Technology (david.woodall@oit.edu, 541-885-1180)

**Tom Keating** - Eugene Research Institute (tkeating@eugeneresearch.org, 541-342-3763)

**Keith L. Thomson – Chairman, OHSU Board of Directors**

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**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. The total number of technology enabled clusters of homes could be reduced according to the funds available.

**Please return this form no later than February 13, 2009 (via email) to:**

[appropriations.blumenauer@mail.house.gov](mailto:appropriations.blumenauer@mail.house.gov)