



# Economic Impacts 2009 facts

The UW educates our citizens, grows our economy with billions of dollars in research, and brings some of the world's brightest thinkers to our state. The UW is more than just a university, it's the ultimate workforce provider in the region.

Discover what's next.  
It's the Washington Way.

## UW AT A GLANCE

- The UW is a multi-campus university in Seattle, Tacoma and Bothell, as well as a world-class academic medical center.
- The UW has 17 colleges and schools and offers 1,800 undergraduate courses each quarter.
- The UW confers more than 12,000 bachelor's, master's, doctoral and professional degrees annually.

## OUR STUDENTS

- Our students come from all 39 counties in the state.
- The UW has the lowest tuition and fees— \$7,692 per year—among its peer institutions in the Global Challenge states.
- *Kiplinger's* consistently ranks the UW as one of the "best bargains in higher education" in the nation.
- The UW produces the majority of engineering degrees in the state and awards a large portion of degrees in the sciences and health professions.
- 62% of all graduate and professional students in Washington are enrolled at the UW.
- UW Educational Outreach (UWEO) administers a total of 32 professional and executive graduate degrees, five evening undergraduate degrees, and more than 120 certificate programs.
- UWEO partners with corporations, government departments, and other organizations to meet their workforce development needs including Boeing, Amazon, Microsoft as well as Washington State Departments of Personnel and Transportation to name a few.

## FOSTERING CITIZENSHIP: HERE AND ABROAD

- In 2008, the UW ranked No. 1 in providing U.S. Peace Corps volunteers, with 113 alumni serving around the world.
- Over 2,000 undergraduate students participate in study abroad programs each year. UW ranked No. 9 in the U.S. among all institutions in this category.

## Creating REGIONAL BUSINESS

### Selected Revenues



### Employment within Washington

- The UW employs over 43,000 personnel at our three campuses, the third-largest employer in the state, following Boeing and Microsoft.
- In 2008, externally sponsored programs supported 7,191 FTE employees. Based upon economic multipliers, UW research funding generated about 32,000 jobs statewide.
- Approximately 9,200 people are employed by companies launched on UW research.
- UW Center for Commercialization has generated over \$100 million in revenue on nearly 650 life-changing innovations.
- Nearly 75% of UW graduates remain in Washington after graduation.

### Research Funding

UW research brings in vital outside revenue to drive our economy.

- \$1.1 billion in total sponsored grants and contracts
- \$0.8 billion in federal funding
- \$0.3 billion in non-federal funding
- 5,379 grants, including 132 grants over \$1 million each

### Center for Commercialization

- 244 companies have been started by UW students and faculty or with UW technology.
- Manages a total patent portfolio of over 2,200 issued and pending patents filed in the U.S. and around the world.
- \$2.4 million in Technology Gap Innovation Funds (TGIF) have been awarded to 49 commercially promising projects through a partnership between the Center for Commercialization and Washington Research Foundation (WRF).

## Seeding Future Economic GROWTH

### Entrepreneurship Programs

One of UW Center for Commercialization's main initiatives is to build a comprehensive system to support UW researchers accelerate their research from the lab into a commercial state. Programs at the UW include:

- **Entrepreneurs-In-Residence (EIRs):** Developed with the State of Washington and the WRF, this program brings seasoned entrepreneurs and business executives onto campus in support of UW-affiliated start-ups.
- **Technology Gap Innovation Fund (TGIF):** The TGIF program makes gap-funding awards to help move academic research toward a commercial product or service.
- **The Center for Innovation and Entrepreneurship at the Michael G. Foster School of Business** promotes entrepreneurial learning and discovery to students—from undergraduates to PhD candidates.
- **The UW School of Law Entrepreneurial Law Clinic** provides legal advice on how to form a new company while teaming pro bono attorneys and business advisors with students.
- **The UW Bothell Center for Student Entrepreneurship** helps our students become successful entrepreneurs, as creators of their own innovative startups or as major participants in small dynamic companies.
- **Finding Funding: UW Center for Commercialization** has dedicated a grant-writing professional to help start-up teams with SBIR and STTR grant proposals.

#### For more information:

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### Life Sciences/Healthcare

The UW is the state's greatest force in medical research, in training healthcare professionals, and in clinical practice.

- UW start-up companies include: VPDiagnostics, Mirabilis Medica, Micronics, and Healionics.
- Contributing research tools to advance medicine: such as the Metabolism and Transport Drug Interaction Database, Rosetta protein-folding software, and the Phred-Phrap-Consed software suite.
- For the past 20 years the UW has been on the forefront of the field of bioinformatics. The Biomedical and Health Informatics Department is playing an important role in advancing Healthcare IT to improve both health-related technologies and quality of care.

Hepatitis s Vaccine

Long-Term Kidney Dialysis

Bone Marrow Transplantation

Therapeutic Ultrasound

New Treatments for Autism

Smallpox Eradication

Medic One Emergency Services

WORLD-  
CHANGING  
DISCOVERIES

### Clean Tech/Energy

With over 127 faculty involved in clean tech and energy-related research, the UW is making a strong impact on improving our environment.

- UW research includes: biofuels, solid state lighting, smart grid, tidal and wind, fuel cells, energy storage, and the built environment.
- UW start-up companies like AXI, Bio Architecture Lab, MicroGREEN Polymers, LivinGreen and EnerG2 are addressing advancements in biofuel production, energy storage, and smart materials.
- In 2008, the UW established the College of the Environment whose mission is to create future leaders focused on developing sustainable solutions to the critical challenges of our time.

### IT/Software

With a department ranked in our nation's top ten, UW Computer Science and Engineering graduates are recruited to top spots in academia, industry, and industry research.

- UW research includes: virtualization, cloud computing, massive datasets, security, RFID, and computer networks.
- Successful and innovative UW companies include: Forecast, SkyTap, and Physware; and entrepreneurial graduates and faculty started visionary companies like Aldus, Visio, and Impinj.

