

Innovative Strategies for Securing Resources – External Agencies

Kathleen L. Kitto

Vice Provost for Research &
Dean of the Graduate School
Western Washington University

Western Washington University

- Bellingham, WA (90 miles N of Seattle)
- ~15,000 Students (Total), 88% Washington
- ~1000 Graduate Students
- Graduate Programs - More Selective Overall
- 36 Different Masters Level Graduate Programs
 - Clinical Doctorate in Audiology Coming Soon
 - 160 Undergraduate Majors
- Active Minds, Changing Lives

Western Washington University

- Mission
 - Western Washington University serves the people of the State of Washington, the nation, and the world by bringing together individuals of diverse backgrounds and perspectives in an inclusive, student-centered university that develops **the potential of learners and the well-being of communities.**
- Vision
 - **Western will build a stronger Washington** by being an international leader in active learning, critical thinking, and societal problem solving.



Strategic Goals

- Build upon Western's strengths **to address critical needs** in the State of Washington.
- **Expand student access to rigorous and engaging baccalaureate and graduate education.**
- Foster and promote life-long learning and success in an ever-changing world.
- **Apply Western's expertise and collaborative approach to scholarship, creativity, and research in ways that strengthen communities beyond the campus.**
- Serve as a model for institutional effectiveness, innovation, diversity, and sustainability.

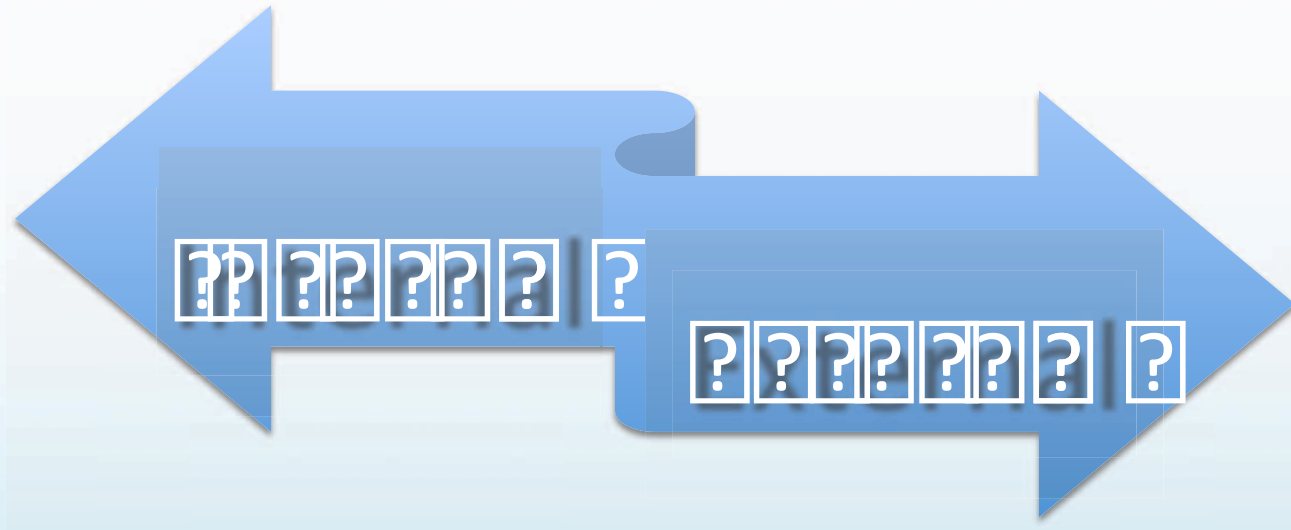


Internal/External

- Western's Branding:
 - High Quality - Undergraduate Institution
 - High Degree of Interaction between Students and Faculty
 - Active and Collaborative Learning Environment
 - Research, Service Learning, and Community Projects
 - Affordable (Best Buy), Several National Rankings
 - A Great Place to Work
 - Beautiful Surroundings and Campus
- **Add Graduate Education to the Conversation**
 - Enrichment of our Undergraduate Mission
 - Graduate Education Essential to Each Brand Element



Opportunities!



Path to Masters Degrees



Fulvio Spada

External Partnerships

- Strategic Musts!



Image - <http://www.lumaxart.com>

External, Local Partners

- Northwest Indian College
 - Lumni Nation (Bellingham, WA) main campus
 - Only Accredited Tribal College in Washington, Oregon, and Idaho (4 year baccalaureate in 2010)
- Mission
 - To promote Tribal self-determination through higher education and Indigenous knowledge
 - To serve the postsecondary educational needs of Indian people living in the Pacific NW



Whatcom Community College

- Bellingham, WA main campus
- Mission
 - Whatcom Community College contributes to the vitality of its communities by providing quality education in academic transfer, professional-technical, and lifelong learning, preparing students for active citizenship in a global society.
- ~4000 FTEs, serving ~11K students annually
- Associates in Arts and Sciences, Science, Liberal Studies
- Professional and Technical Degrees and Certificates – such as Cybersecurity
- 75% Whatcom County students, 40% First Generation students



Bellingham Technical College

- Bellingham, WA
- Mission
 - provides student-centered, high-quality professional technical education for today's needs and tomorrow's opportunities.
- 30 Associate Degrees and 50 Certificate Options, such as Manufacturing, IT, Welding
- NW Center for Process Manufacturing
- ~8000 students
- Member of Achieving the Dream



Regional, State Partners

- SPARK Museum
- North Cascades Institute
- TAG – Technology Alliance Group
- Murdock Charitable Trust
- University of Washington, WA State University
- WA State Department of Natural Resources
- Joint Center for Aerospace Technology Education
- WA Department of Ecology
- WA Superintendent of Public Instruction

Federal Government

- National Science Foundation
- Department of Education
- National Institute of Health
- Department of Health and Human Services
- National Oceanic and Atmospheric Administration
- National Park Service
- Environmental Protection Agency

Graduate Education

- **Support Great Ideas thru Partnerships**
- Pave the Way for Success
- **Don't Get in the Way**
- Connections are Made by People for their Institutions
- **Be Patient, Connections Take Time**
- **Focus on Student Success**
- Remember the Path is Long and not always Straight



NSF Projects



- **Partnerships for Geoscience Education: Bridging Shared Waters for Geoscience Studies**
- NWIC and WWU – 5 years, \$1.65 million
- Designed to boost the number of Native American students making the transition to graduate school in the geosciences and provide a more direct bridge between NWIC and Western’s Huxley College of the Environment.
- WWU PI Dr. John Rybczyk, NWIC PI Dr. Emma Norman

NSF - NWIC and WWU

- Key components:
 - Hiring of additional geoscience faculty at both NWIC and Western;
 - Development of a new Organic Chemistry curriculum at NWIC;
 - New mentorship opportunities;
 - Development of a shared research and internship agenda between the schools that will serve as pathways for student engagement;
 - Development of a shared Salish Sea Seminar Series that will rotate between the two schools.

NSF Programs

- Jill Karsten, Education and Diversity program director for the NSF Geosciences directorate, *“the grant will allow the collaboration between the two schools to expand in new and meaningful ways and is an example of how the NSF seeks to maximize the impact of every federal dollar spent on STEM research and education.*
- ***“Together, they will be pursuing a shared vision for the future that is culturally sensitive, highly supportive of the Native American students who will be engaged, mutually beneficial for the participating non-Native students and faculty, and creative in its leveraging of the respective strengths of the two institutions,”***

NSF Human Resource Development (HRD)

ADVANCE: Increasing the Participation and Advancement of Women in Academic Science and Engineering Careers **N**

Alliances for Graduate Education and the Professoriate (AGEP)

Centers of Research Excellence in Science and Technology (CREST) and HBCU Research Infrastructure for Science and Engineering (RISE) (CREST)

Cooperative Activity with Department of Energy Programs for Education and Human Resource Development (Request for Supplement) **C**

Documenting Endangered Languages (DEL)

Historically Black Colleges and Universities Undergraduate Program (HBCU-UP)

Improving Undergraduate STEM Education: Pathways into Geoscience (IUSE: GEOPATHS)

HRD Programs 2

Improving Undergraduate STEM Education: Pathways into Geoscience (IUSE: GEOPATHS)

IUSE / Professional Formation of Engineers: REvolutionizing engineering and computer science Departments (RED)

Louis Stokes Alliances for Minority Participation

Presidential Awards for Excellence in Science, Mathematics and Engineering Mentoring (PAESMEM) (PAESMEM)

Tribal Colleges and Universities Program (TCUP)

Department of Education

- Rehabilitation Services Administration (RSA)
- The purpose of this program is to assist tribal governments to develop or to increase their capacity to provide a program of vocational rehabilitation services, in a culturally relevant manner, to American Indians with disabilities residing on or near federal or state reservations. <http://www2.ed.gov/programs/vramerind/index.html>
- *The program's goal is to enable these individuals, consistent with their individual strengths, resources, priorities, concerns, abilities, capabilities, and informed choice, to prepare for and engage in gainful employment. Program services are provided under an individualized plan for employment and may include native healing services.*

Another Partnership with NWIC

- 5 Years, \$2.4 million – WWU Share is \$686K
- NWIC Grant – WWU role training and technical assistance to tribal vocational programs
- Goals:
 - Conduct outreach activities and recruitment efforts to 350 current AIVRS personnel to enroll in the TVR Institute;
 - Develop curriculum for a structured and culturally-relevant program of training on foundational VR knowledge and skills using the seven RSA training topics;
 - Provide training to AIVRS personnel in VR foundational knowledge and skills using the approved curriculum and leading to a VR certificate, with 200 participants completing 1 or more modules and 45 participants earning a certificate;

More Components

- Provide technical assistance services to 35 Institute participants after they have completed training; and
- Develop an ongoing system of program evaluation to determine the Institute's impact over a period of time on improving the delivery of VR services to American Indians with disabilities and increasing employment outcomes.
- A partnership agreement outlines a partnership of mutual goals and responsibilities that will foster a significant and positive contribution to the preparation of personnel in AIVRS projects.



Link to Graduate Education

- NWIC college is partnering with Western Washington University's (WWU) Rehabilitation Counseling program. .
- WWU's Rehabilitation Counseling is a Graduate Program - CORE Accredited, WWU Everett Campus
 - <https://wce.wwu.edu/rc/rehabilitation-counseling>



Other Masters Pipeline

- ADVANCE Catalyst
- Graduating More Women in CS and MATH
- Whatcom Community College
 - Develop a Cybersecurity Program
- Bellingham Technical Center
 - Sustainable Energy
- EAGER: Northwest Pulse
- Undergraduate STEM Reform
 - Includes TA training



Thank You!

