

**PUBLIC BACCALAUREATE INSTITUTIONS'
OUTREACH EFFORTS TO K-12**
(Examples)

A REPORT TO THE HIGHER EDUCATION COORDINATING BOARD

October, 2009

INTRODUCTION

Each of the public baccalaureate institutions was directed by the following budget proviso to report to the Higher Education Coordinating Board on outreach efforts to K-12 populations:

"In an effort to introduce students to and inform students of post-secondary opportunities in Washington state, the university shall report progress towards developing and implementing outreach programs designed to increase awareness of higher education to K-12 populations to the higher education coordinating board by October 1st of each year."

Early outreach to K-12 populations has been a priority for all of our institutions for many years. There are hundreds of activities that take place across our sector to inform and encourage K-12 students to consider attending and completing degrees in higher education. This report provides a description of many of those activities.

I. COLLABORATIVE EFFORTS AMONG INSTITUTIONS AND SECTORS

- **WASHINGTON COUNCIL ON HIGH SCHOOL – COLLEGE RELATIONS.** The Washington Council, established in 1957, is a voluntary, non-profit organization that promotes responsiveness to student movement from one level of education to another. Members include high schools, public and private colleges and universities, education organizations and agencies throughout Washington. See <http://www.washingtoncouncil.org>. Washington Council is organized into commissions, including:
 - **INTER-COLLEGE RELATIONS COMMISSION (ICRC)** maintains the transfer agreements adopted by the HECB and addresses issues related to the implementation of the transfer system. Information about ICRC, statewide transfer agreements, and the ICRC Handbook are available at <http://www.icrc.wvu.edu/guidelines/aasguidelines.html>. The Handbook is a valuable resource for two- and four-year college and university transfer advisors. Beginning in 2003-04, ICRC is seeking appointments of its member institutions' representatives from chief academic officers, rather than presidents, in an effort to participate more fully in curricular and policy debates.
 - Washington Council organizes and conducts the annual **SPRING HIGH SCHOOL TOUR** for students to visit with college representatives. Information is available on the WCHSCR website
 - Washington Council publishes the **HIGHER EDUCATION BOOK**, listing all its college and university members in Washington and describing transfer and freshman admissions policies and procedures, and contact information. The Higher Ed Book includes tables of all the program offerings at the colleges and universities, by major.

- **COLLEGE SUCCESS FOUNDATION.** Each of the public baccalaureate institutions participates in the College Success Foundation's scholarship and mentoring programs for low-income, high-potential students. Originally established in 2000 as the Washington Education Foundation, it includes the Washington State Achievers Scholarship Program and the Governor's Scholarship Program, among others. Information is available at <http://www.collegesuccessfoundation.org>.

II. INSTITUTIONS' HIGH IMPACT OUTREACH PROGRAMS

THE EVERGREEN STATE COLLEGE

- **Articulation agreements:** Additional articulation agreements to promote easier transition for transfer students and Running Start students from community colleges in Washington to Evergreen.
- **Admissions Advisory Board:** Key high school counselors are hosted on campus to assist with the development of an admissions process that is more thorough and student centered.
- **Admissions Coordinators:** Two positions that serve to ensure coordinated recruitment and outreach efforts with students in Washington high schools and community colleges.
- **Alumni Emissaries:** An initiative between the Office of Admissions and Alumni Relations to enlist and train alums to make connections with students and parents.
- **Blog with Students & Evergreen Facebook site:** An opportunity for prospective students to speak with other students and prospective students in an unofficial capacity;
- **Boys and Girls Clubs Outreach:** Special outreach efforts with Boys and Girls Clubs youth of Washington and Oregon with an emphasis on accessing college opportunities;
- **Community College Lunches:** On campus lunches hosted each spring for Running Start and transfer College Success Foundation Students at three Puget Sound Community Colleges (Pierce, Highline, and Tacoma).
- **Critical Moments Project:** This project is designed to increase students' success and retention by teaching critical thinking, developing problem-solving and decision making skills, developing appreciation of diverse and complementary perspectives, and improving reading comprehension. The project uses case studies of actual situations in which students are faced with critical incidents and have to make decisions about whether to stay in school. Students, faculty and staff are engaged in how they could respond to increase the likelihood of positive outcomes for students.
- **High School Enrollment Options:** During the 2009-2010 academic year, we will conduct a feasibility study regarding high school enrollment options for area high school students to include a summer program following high school graduation.

Day of Absence/Day of Presence: Annual event to strategize ways to make the campus more inclusive and for all to gather to consider issues of equity and service to diverse populations

- **Enduring Legacies program:** The "Enduring Legacies Project" seeks to create a more seamless pathway to a bachelor's degree for Native American students in Washington State. Consisting of multiple institutional and tribal partners, the project aligns courses and resources from a dozen different community colleges and The Evergreen State College. For students in isolated Indian reservation communities, learning communities are merged with on-line courses provided through the Washington State Board for Community and Technical Colleges. A consolidated associate's degree will be awarded through partner Grays Harbor College. To promote more seamless transfer and greater success in The Evergreen State College Reservation Based/Community Determined upper division program, students enroll as a cohort. Further, both students and faculty participate in

an inter-institutional learning community, including workshops. To deepen student, faculty and Native community engagement, the project redesigns existing courses and develop new curriculum and culturally relevant case studies to be shared at multiple campuses. A third grant of \$499,957 from the National Science Foundation will fund the development of case studies specifically for teaching science and mathematics.

- **Evergreen Events:** Special events each year throughout Washington and beyond to showcase the College as a member of the *Colleges That Change Lives* and its nationally recognized achievements. Activities include specific outreach/recruitment and scholarship events including: Preview Day, Friday's at Evergreen, President's Reception at Safeco Field, Counselor Breakfasts, and area receptions.
 - **President's Reception at Safeco Field:** An event geared to award scholarships and introduce admitted students from around the country to Evergreen faculty and staff. The event is hosted at Safeco Field;
 - **Friday's at Evergreen:** Half-day, informational programs for prospective students who are interested in attending Evergreen along with their family member. These sessions are designed for students to meet current students, staff and faculty and tour the campus;
- **Evergreen Science Carnival:** The Evergreen Science Carnival offers hundreds of presentations from Evergreen science students with an emphasis on demonstration, hands on participation and fun. The Carnival is designed for students in kindergarten through grade 12 or anyone in the community with an interest in science. It attracts hundreds of participants and is the largest event of its kind in the state. Topics covered include chemistry, computer science, biology, food science, health science, optics, physics, criminal science, astronomy, marine science, and others
- **Evergreen/Olympia Tutoring Collaboration:** The Evergreen/Olympia Tutoring Collaboration is a community service project that recruits, trains and supports college students to provide effective tutoring and educational assistance to students at high risk of failure in Olympia Public Schools and after-school programs in low-income communities in Olympia . College students participating in the project gain valuable exposure to education as a career path by working with special education and Title I eligible students. At the same time, the tutoring collaboration supplements educational resources in the Olympia School District that have been eroded due to budget constraints.
- **Additional Financial Aid:**
 - First People's Foundation Scholarship
 - Cultural Diversity Foundation Scholarship
 - Scholastic Achievement Award
 - Champion of Diversity Scholarship (increased from 3 to 5)
 - NSF S-STEM biochemistry grant is reaching the underrepresented students we intended it to reach: students of color (38.5%), low income (69.2% below poverty; 69.2% Pell recipients), first generation (38.5%), female (53.8%) and its participants are persisting at enviable rates in biochemistry studies (76.9%), in STEM fields (92.3%), and at the college (92.3%) and despite their traditionally underrepresented backgrounds in college and in STEM studies, the scholarship participants are exceeding by large margins the persistence rates of Evergreen's total biochemistry cohort.
 - A four-year NSF grant will provide \$100,000 in scholarships a year for 20 students, at an average annual award of \$5,000 a year in the fields of mathematics, computer science, and physics.
- **First People's Advising Services:** This is the Student Affairs office within Student and Academic Support Services focused on helping students of color succeed academically, professionally and personally. The office provides academic and personal counseling and activities to build a sense

of community, working closely with six student groups composed of students of color. First People's Advising Services offers a First People's Scholars Program, which is a pre-orientation program focused on creating community among students of color and preparing them for academic work at TESC. Includes programs throughout the year, including community service.

- **GEAR-UP:** Program designed to provide student cohort beginning in 6th grade with academic support to stay in school, study hard, graduate from high school and enroll in postsecondary education. Evergreen's program works with a rural and an urban school district and is completing its 6th year and we just received notice from the Dept of Education of an additional \$5.76 million Gear-Up grant for six additional years.
- **Governor's TRIO initiative:** This funding has been designated to provide academic support services to first-generation students, low-income students, and students with disabilities. Funding supports a two-credit college readiness course for first-year students entitled Community Connections, expand the assistive technology services for students with disabilities and upgrade assistive technology equipment across campus, increase tutorial services, create a laptop loaner program, and provide academic and career advising.
- **High Demand Math and Science Classroom Support Program --** The Evergreen State College Center for Community-Based Learning and Action (CCBLA) in conjunction with Learn and Serve and the HEC Board is offering the Millennial Math and Science Teacher Explorer classroom support program aimed at Middle and High School Students. This program will:
 - Place 11 Evergreen Students in secondary math and science classrooms to support student learning and career exploration ,
 - Increase visibility of the fields of math and science teaching at Evergreen,
 - Strengthen collaboration between Evergreen and area middle and high schools ,
 - Increase community-based service learning opportunities,
 - Facilitate mentoring by college students.
- **K12 Outreach and Professional Development:** Building on the innovative and successful work of the Evergreen Center for Educational Improvement, Evergreen State College's Teacher Education Programs are expanding professional development offerings for K-12 teachers and staff. We hope to provide schools with both focused short-term workshops and sustained, long-term partnerships that will help teachers positively impact student learning. We envision creating learning opportunities that will 1) engage teachers in interpreting research findings while exploring effective learning strategies and 2) invite teachers to participate in developing ways to meet state standards while also focusing on social justice and equitable learning opportunities for all students.
- **KEY Student Support Services:** This is a TRIO program funded by the Dept. of Education. It is housed in Student and Academic Support Services with a focus on helping first generation students, low income students and students with disabilities succeed academically, professionally and personally. The office provides academic advising, tutorial services, scholarships and opportunities for students to participate in cultural events. Key Student Support Services offer **Step-Up Week**, which is a pre-orientation program with an emphasis on reading, writing and developing college readiness skills that targets first-generation students, low-income students, and students with disabilities.
- **Latino Youth Summit:** Continued participation in the Latino Youth Summit. This event is open to high school students in Grays Harbor, Mason, Lewis, Pacific and Thurston Counties and focuses on the importance of continued education. Evergreen is preparing to host the summit in 2010;

- **Master of Education in Curriculum and Instruction:** Evergreen's Master of Education program is designed to extend and develop classroom skills and abilities of practicing teachers and offers areas of emphasis in English Language Learners (ELL) and Mathematics. The program was created using the latest research on student learning needs and with feedback from educators to ensure it meets the needs of working teachers. Its content and structure build upon teachers' knowledge and commitment as practicing educators, helping them to develop professionally while earning their master's degree.
- **Master in Teaching (MIT) Program:** Evergreen's MIT Program is a nationally recognized teacher preparation program leading to teacher certification and a Masters degree which mirrors the original, alternative nature of The Evergreen State College with its cross-curricular programs organized around themes and questions. The program aspires to develop teachers who can put principles of effective and meaningful classroom teaching into practice, and who can create classrooms that are culturally responsive and inclusive, democratic and learner-centered, developmentally appropriate and active. In order to enhance educational opportunities for potential teachers of color, we are currently preparing to locate MIT's 2012-2014 cohort on our Tacoma site.
- **One World Now:** Increased coordinated outreach efforts through agreements with the "One World Now" program; Agreements include deferred admissions offers and independent study opportunities as part of study abroad experience.
- **Pathways for Native Students: A Report on Colleges and Universities in Washington State:** This report is the product of a collaboration between Northwest Indian College, The Evergreen State College, Grays Harbor College, Antioch University-Seattle, and Muckleshoot Tribal College. The partnership sprang from a common interest in better serving Native students and communities by strengthening programs and creating more seamless pathways between our institutions. An important part of our work was to explore the postsecondary education landscape for Native American students in the state of Washington. The Pathways report will be the centerpiece of an Indian Education conference which will be held in Seattle on February 18, 2010.
- **Student Ambassador Program:** A comprehensive program that includes student-to-student tele-counseling designed to encourage students to pursue higher education, educate students about academic requirements and university of life, facilitate admissions workshops, act as mentors, plan and implement cultural events, and advocate for students.
- **Upward Bound:** Works with students and parents from schools and tribes to provide educational assistance and support to increase high school completion and continuation to college. Students earn stipends based on participation and performance. Includes summer residential programs on TESC campus and special college- credit "bridge" programs for high school seniors. Upward Bound is a TRIO funded by the U.S Department of Education.
- **Washington State Achievers Program:** This program, funded by the Bill and Melinda Gates Foundation, and managed by the College Success Foundation, provides mentoring, scholarships and academic support to economically disadvantaged students with high potential. The Achievers program will serve 5,000 students statewide over ten years, ending in 2010. Students are selected during their junior year in high school and attend a summer college preparatory program at one of the state universities. In 2006, the Summer College Experience (ACE) was held at CWU. Approximately 500 new students per year enroll in Washington State colleges and universities. In the fall of 2005 the College Success Foundation received funding support to increase the early

outreach strategies to provide college awareness, preparation and enrollment to targeted under-represented students, especially young males of color and other disproportionately under-represented students. The goal is to increase the numbers and percentages of these targeted groups in their scholarship application, high school graduation, and college enrolling rates. In addition, funding was provided to support other college access programs.

WASHINGTON STATE UNIVERSITY
K-12 Outreach
2009

Alumni Alliances: Work with alums to make connections with students and parents.

Imagine Tomorrow: An annual problem solving competition for Washington high school students that encourages them to conduct research and develop ideas to address energy-related issues. Their culminating projects are presented to WSU faculty members and leaders of Washington state businesses and industries in May on the WSU Pullman campus. For more information: imagine.wsu.edu.

Imagine U at WSU: An outreach program where WSU takes faculty, students, staff, and alumni] to high schools throughout the state for a day of academic presentations, college attendance workshops, and a family night for parents and siblings.

Innovators: Brings WSU faculty into the high schools to discuss their research and college opportunities with prospective students

Discover Programs: Colleges of Science and Engineering & Architecture programs for high school juniors.

Future Cougars of Color: Invites high-achieving students throughout WA to a visitation program and scholarship competition on the WSU Pullman campus

Recruitment Conferences: Enrollment Management and the Division of Student Affairs, Equity and Diversity coordinate travel and chaperones so that students may attend annual leadership and college preparation conferences of students of color.

SHAPING (Shaping High School Asian Pacific Islanders for the Next Generation): Student Leadership Conference for high school juniors and seniors

CASHE (Children of Aztlan Sharing Higher Education) Conference: Annual student conference for Hispanic/Latino students.

Pah-Loots-Pu Celebration: A regional pow-wow hosted by WSU with participating tribal communities of the greater Northwest.

VIBES (Visionaries Inspiring Black Empowered Students): Annual conference for African American high school students

Food and Clothing Bank: A food and clothing bank for TRIO program participants.

High School Guidance Counselor Breakfast Meetings: 8 – 10 meetings annually throughout the state hosted by WSU for high school guidance counselors; purpose is to update them on policy changes and new programs.

Warden Project: A college attendance and retention program that uses writing development, theatre and performance at Warden HS. Participating students receive credit from Big Bend Community

College and get an opportunity to perform stories they have written about their own lives in a professional theatrical setting.

Ronald E. McNair Program: Prepares qualified undergraduates for future doctoral studies in order to diversity faculty in colleges and universities across the country. Includes stipends, special courses and workshops, mentoring, advising, summer research and experience. (Part of TRIO)

Upward Bound: Works with students and parents from schools and tribes to provide educational assistance and support to increase high school completions and continuation to college. Students earn stipends based on participation and performance. Includes summer programs on WSU campus and special college – credit “bridge” programs for high school seniors. (Part of TRIO)

Cougar Pride: Four-day event each year in Seattle to showcase the University’s world-class achievements and spread Cougar Pride throughout the Puget Sound region. Activities during the week include specific outreach/recruitment and scholarship fundraising events for students of color.

Native American Recruitment & Retention for the Health Sciences: The purpose of this program is to increase the number of Native Americans in the health science careers, including nursing, pharmacy, medicine, dentistry, speech and hearing, exercise physiology and others. The WSU Native American Health Science Advisory Board meets quarterly with the WSU Division of Health Science Team to advise on recruitment and retention strategies, mentoring, and research opportunities. The Na-ha-shnee Native American High School Health Science Summer Institute helps prepare Native American high school students through a hands-on learning experience in the health care professions. The NARR for Health Sciences offer several scholarships, workshops on scholarships, mentoring, and counseling.

Admissions, Outreach and Financial Aid Counselors: Connections with specified schools and communities to educate students and parents about academic requirements and the undergraduate experience (including counseling and facilitation of admissions, scholarships and financial aid, and student life/involvement choices).

Office of Multi-Cultural Student Services: Provides leadership in working with student organizations in the planning and implementation of recruitment and leadership conferences. The MSS Mentor Program provides academic and other support during the first year to all incoming (735) multicultural students to facilitate their transition to the university environment.

Student Support Services: One of several federally supported TRIO programs that seek to increase the representation of first generation college students, students from low-income families, and students with disabilities in educational, social and economic positions.

GEAR-UP: Federal program designed to provide college awareness to underrepresented students.

College Assistance Migrant Program (CAMP): A program designed to serve 50 students each year – all first-year students from migrant or seasonal farm worker families. It provides an arsenal of support services including academic tutoring, mentoring, financial aid counseling, leadership training and cultural enrichment opportunities during their first year. Each student is provided access to laptop computers and receives a stipend to help with educational expenses.

Washington State Achievers Program: This Gates Foundation/College Success Foundation program provides mentoring, scholarships and academic support to economically disadvantaged students with high potential, serving 5,000 students over ten years ending in 2010. Students were

selected during their junior year in high school and attended a summer college preparatory program at one of the state universities. In the fall of 2005 the Washington Education Foundation received funding to increase the early outreach strategies to provide college awareness, preparation and enrollment to targeted under-represented students, especially young males of color and other disproportionately under-represented students. Washington State University participates in the summer College Experience Program by providing staff to assist with selected workshops and sessions, as well as participating in the College Fairs to share information about academic programs.

MESA (Mathematic Engineering Science Achievement): MESA programs at WSU Tri-Cities, WSU Spokane, and WSU Vancouver provides enriching opportunities in mathematics, engineering and science for underrepresented K-12 students using exemplary materials and instructional approaches, educational enrichment experiences, and practical help needed to prepare for university-level studies in a variety of science and technology related fields.

PRiSSM (Partnership for Reform in Secondary Science and Mathematics): A WSU Vancouver program that provides professional development related to science and mathematics for teachers of grades 6-12 through workshops and a Learning Community.

CityLab: A WSU Spokane program that provides middle and high school students and teachers educational experiences in biotechnology and related sciences through:

- Teacher training workshops
- On-campus workshops for students/classes
- In-school workshops for students
- After school science camps for elementary and middle school students
- Summer biotechnology campus for young women
- Equipment loan program
- Student and teacher mentoring by CityLab personnel
- Collaborative research projects for selected HS students

BRIDGE Program: A College of Engineering and Architecture/College of Sciences program for HS students interested in science or engineering. 4-day program to give minority and women students a chance to make the transition from HS to College. Network skills, college survival skills consist of time management, study skills, intro to math and physics.

NY'EE (Native Youth Exploring Engineering): A one-week summer engineering camp for Native American youth in early high school, middle school. Objective is to give Native American students an introduction to engineering, to attract some to pursue engineering.

HY'EE (Hispanic Youth Exploring Engineering): A one-week summer engineering camp for Hispanic youth in early high school, middle school. Objective is to give Hispanic American students an introduction to engineering, to attract some to pursue engineering.

SWEET (Summer at WSU Engineering Experiences for Teachers): A College of Engineering and Architecture program that provides research experience to HS teachers. Participants spend 6 weeks in the summer working with faculty mentors in their lab and attending lectures. The high school teachers develop teaching modules and lab experiments, from a variety of engineering disciplines, for use in high school classes. At the end of the session each participant produces a report that provides background information on their project, educational materials, and experimental information such as objective of experiment and instructions.

CREAM (Culturally Relevant Engineering Applications in Mathematics): Collaboration between the Colleges of Engineering and Architecture, and Education to place engineering and math graduate students in middle and high school math classes to help develop culturally relevant curricular materials that introduce engineering topics into the K-12 curriculum. Components include:

- Curriculum development
- Telecommunications between schools and WSU to test videoconferencing for support of curriculum development and implementation
- Curriculum implementation
- Assessment

Equipment for High Schools: Surplus WSU equipment is given to the Science departments in high schools along with help for science teachers in designing curriculum or training in the use of the equipment.

Equipment Loan Program: This program was developed to provide K-12 science teachers with equipment and supplies that enable them to carry out classroom experiments, demonstrations, and exercises in modern biology. It is designed to broaden access of K-12 students to modern science curriculum materials. The Equipment Loan Program has a significant inventory of equipment commonly used for basic and enhanced experimentation in the high school biology laboratory. Scientific equipment and supplies are provided to High School science teachers across the state. The equipment is returned to WSU, expendable supplies are restocked, and the equipment sent to another school.

Prism (Promising Reform through Science and Mathematics): A secondary education website, teacher workshops, summer curriculum institutes, and cultural and career awareness activities are provided to HS faculty in the state of WA and the Confederated Tribes of the Colville Reservation and the 5 associated school districts that serve the state of Washington.

Computeach: Computational sciences workshops for junior high and high school teachers and some students.

Advanced Chemistry Labs: High School students from Spokane attend a series of advanced chemistry labs at WSU Pullman as part of their regular curriculum in their high school chemistry classes.

Inland Northwest Mathematics Experience: Mathematic activities held on WSU Pullman campus for HS students in the Inland Northwest.

Statewide High School Counselor Workshops: WSU participates in workshops at ten sites across Washington each fall to provide information on higher education opportunities and admission processes. The workshops are sponsored by the Washington Council for High School/College Relations. This fall we estimate there were over 1,000 counselors in attendance. Informational sessions from the HECB, OSPI, the State Board of Education, the Washington Financial Aid Association and others are also part of these programs.

College Planning Day: This program is held in the spring at nearly 30 sites throughout Washington and is designed to assist high school juniors in their college planning efforts. WSU participates in all sites of this Washington Council-sponsored program, providing information about academic programs, admission processes, scholarship and financial aid opportunities to students during the school day. At some sites, evening programs are held so that families can attend.

College Goal Sunday: WSU staff actively participates in College Goal Sunday, a program designed to help students and families complete the Free Application for Federal Student Aid (FAFSA) and also obtain information concerning the admission and financial aid process.

4-H Youth Development: Active in each one of Washington's 39 counties, WSU's 4-H Youth Development Program has school enrichment as well as afterschool activities for K-12 students focused on three major areas: science, engineering and technology (SET); healthy living choices; and citizenship. Annually, 4-H has a long history of effective collaborations with school districts and is excited to make new collaborations.

STRIDE (Supporting Teacher Research: Inquiry, Dialogue, and Engagement): A 4.5 year NSF-funded research project at WSU Vancouver. This work brings WSU professors and science and mathematics teachers in grades 6-12 together to do research about the teachers' school-based professional learning communities.

RAMP: WSU-Spokane faculty work in collaboration with Eastern Washington University, Community Colleges of Spokane, Educational Service District 101, and seven school districts to offer professional development to high school and college mathematics faculty professional learning teams directed toward improving students' success as they transition from high school to college mathematics courses.

Leadership Development Camp: The Leadership Development Camp, designed for Coeur d'Alene Tribal Youth ages 13-17 years old, aims to develop leadership skills, resiliency, and strengthen academic skills. Through participation in team sports activities and specialized academic seminars, this one-week residential camp offers students a chance to develop new skills, experience college life, and reflect upon and prepare to meet their goals for the future.

Summer Sports Camp: The Sports Camp, developed for Coeur d'Alene Tribal youth ages 10-17, aims to develop health and wellness and increased interest and skills in various sports.

Elementary and middle school visits in SW Washington: Both on and off campus, the purpose of these visits is to share the possibility of college for all students through a variety of presentations and hands-on activities.

Big Brother/Big Sister visits to campus: Big Brothers Big Sisters is a mentorship program that matches at-risk youth with caring adults. Students from the program visited campus and were paired with a college student for the day as they participated in college preparatory activities.

College 101 and Essay Writing workshops: Workshops at middle schools, high schools, churches, and community centers (YWCA, etc.)

College Preparation: WSU Vancouver provides community outreach in a variety of venues to assist with college preparation.

WSU Vancouver Financial Aid Nights: WSU Vancouver offers free financial aid workshops to explain financial aid, how to apply, and how to read and accept a financial aid offer both on campus and at high schools

AVID: (Advancement via Individual Determination) group visits to campus. AVID is designed to help underachieving middle and HS students prepare for and succeed in college.

Community College Counselor Breakfast: In addition to the HS Counselor Breakfast listed on this report, WSU also hosts a community college counselor breakfast and a middle school educator breakfast. The purpose of these breakfasts is to share updates on policies, programs, and resources for students to access college.

Running Start Orientations at Clark College: WSU Vancouver participates in the orientations for all students who qualify for Running Start on the Clark College campus. We share information on the courses which are offered at Clark College on the WSU Vancouver campus and answer questions on applying to WSU Vancouver.

Cougs in Class (college in the high school): The WSU Vancouver Cougs in Class program affords Vancouver Public School students the opportunity to acquire WSU college credit through classes offered at participating schools.

Financial Aid 101 and Scholarships 101 community events: WSU Vancouver offers these free community workshops on how to apply for financial aid and scholarships.

History Career Day: For middle school and high school students (sponsored by History Dept.) WSU Vancouver serves as the host site for this event which attracts area middle and high school students interested in history.

MOSAIC: This is a high school and community college recruitment event targeted at first-generation and minority students. MOSAIC is a free campus visitation program at WSU Vancouver which serves to increase college access and promote awareness regarding academic preparation, paying for college and campus life among historically underrepresented and low-income students.

Latino Family College Night: Cesar Chavez Youth Conference Annual Conference targeting Latino Youth of Portland and SW Washington. Students attend a variety of workshops and keynote speakers. Event includes college/career fair.

Americorps/Civic Engagement: Opportunities on the WSU Vancouver campus offering students the chance to engage in meaningful service to their communities while enhancing their professional development.

Students of Color Conference: The Student of Color Conference is geared towards students of color attending Washington Community Colleges. Students attend a variety of workshops and have the opportunity to hear keynote speakers. Event includes college/career fair.

Host site for AAUW/STEM Awards Ceremony: WSU Vancouver serves as the host site for the American Association of University Women's (AAUW) STEM (Science, Technology, Engineering, and Mathematics) Ceremony which honors young women (HS juniors) for their achievements in science, technology and mathematics.

Asian American Youth Leadership Conference: Annual Conference targeting Asian American and Pacific Islander youth. Event includes college/career fair.

Russian Speaking Youth Leadership Conference: Annual Conference targeting Russian youth of SW Washington and Portland. Conference includes college/career fair.

Day at College: This is an event for middle school students (part of KH2GO grant). Jason Lee and McLoughlin Middle Schools participated in spring 2009. The Day at College event featured activities which encouraged middle school students to see college in their future. Activities included a keynote address by one of WSU Vancouver's faculty members who had overcome odds to attend college, information on the College Bound Scholarship program, mini hands-on college classes, and lunch and a mascot cheer contest.

I Have a Dream campus visits: I Have A Dream is a Scholarship Program that targets low-income students in elementary/middle and high school. Students spent half a day on WSU Vancouver campus participating in college preparatory activities.

Make it Happen! College Experience: This program for foster youth is designed to help foster youth develop plans for success by teaching them how to go to college. Program includes college/career fair.

Saturday Academy on campus: WSU Vancouver hosted the Saturday Academy manufacturing summer campus workshop in Summer 2009 where students entering grades eight through 12 explored manufacturing and mechanical engineering.

EASTERN WASHINGTON UNIVERSITY
K-12 Outreach Report to the Higher Education Coordinating Board, October
2009

- **Admissions' Office:**
 - **High School Visits and Fairs:** Admissions' staff visited approximately 300 Washington high schools during the 2008 – 2009 academic year and attended 180 high-school organized college fairs.
 - **National College Fairs:** In 2008-09, Admissions' staff participated in national college fairs held in Spokane, Seattle, Walla Walla, Portland, Boise, Washington DC, and Philadelphia. Some 65,000 attendees participated in the fairs, where EWU staff distributed more than 5,000 pieces of information about Eastern. Staff received nearly 1,500 prospect cards from these events. In 2009-10, Admissions' staff will participate in a Phoenix college fair in addition to those fairs previously listed.
 - **Off-Campus Events:** Undergraduate Admissions organizes fall information nights and spring receptions for communities in western and central Washington State. During the past year, events were held in Kennewick, Olympia, Kent, Redmond, Tacoma, Lynnwood, Seattle, Vancouver, Mt. Vernon, and Bremerton. Participation in fall information nights has averaged 25 students and family members per event, and spring receptions have hosted 75 students and family members per event.
 - **Special Visitation Programs (5,000 students):** Students from elementary to high school come to campus as part of Eastern's Special Visitation programs, many of which are co-hosted with organizations such as GEAR-UP, Upward Bound, AVID, and MESA. Each visiting group is offered an admissions' presentation, a campus tour, and a mock class, among other activities.
 - ***Square One: The Magazine for Future Eastern Washington University Students and their Parents* (15,000 students):** *Square One*, a magazine for high-school students and their parents, gives readers a fun and informative look at Eastern Washington University.
- **Advising and Recruitment Center (pilot program) – College of Social and Behavioral Sciences:** College staff and faculty have developed an advising and recruitment center, which continues to serve as a meeting place where information about the college is available for high-school students and their families.
- **Africana Education (AE):** Established in 1971, Africana Education faculty and staff actively assist Eastern's Admissions' Office in recruiting and admitting students to the university by traveling to high schools throughout the state and attending additional evening events. AE advisors work with incoming students on course selection and financial aid, including possibilities for scholarships, grants, and work-study.
- **American Indian Studies Program (AISP):**
 - **American Indian Student Day (150 students):** Established in 1965, the AISP serves the needs of Native American students interested in obtaining undergraduate or graduate degrees. Through the support of the AISP, EWU has educated many of today's teachers, healthcare providers, social workers, business executives, tribal leaders, planners, writers, artists, etc., who have chosen to return to their Indian communities to practice their professions. American Indian Student Day at

EWU brings American Indian middle- and high-school students to campus to introduce them to a university environment and set forth the possibilities and benefits that come with a college education.

- **Powwows, Conferences, and Outreach to High Schools:** AISP faculty and staff engage in active recruiting activities by participating in and facilitating presentations and workshops at powwows and conferences throughout the region. In addition, staff have identified high schools in the state with significant American Indian and Alaska Native student enrollments; contacts and outreach visits are planned.
- **Archeology Education for Spokane School District 81's Gifted and Talented Program (200 students):** Director of Archeological and Historical Services Stan Gough presents PowerPoint-illustrated lectures and hands-on archeological analysis exercises to students in SSD 81's Gifted and Talented program.
- **Art Department – Legacy in Art Education (20 students and teachers):** The EWU Gallery of Art provides an exhibition of artwork by area high school art teachers and students each summer. This exhibition demonstrates the high quality of artwork currently being produced by local high school art teachers and their students.
- **Athletics' Program:**
 - **Habitat for Humanity (10 students):** In partnership with Cheney High School students, fifteen members of EWU's Lady Eagles basketball team worked side by side as part of the Spokane Valley's Habitat for Humanity Blitz.
 - **An Hour on the Ice (18 students):** Middle-school students were invited to learn how to ice skate alongside EWU student athletes. Members of the EWU hockey club taught the instructed session at the University Recreation Center. Afterwards, all participants were given time to mingle and practice what they had learned. At the completion of the free skate, middle-school students and student athletes discussed athletes' experiences in college and middle-school students' interest in attending college.
 - **Reading with SWOOP and Eastern Eagle Student Athletes (80+ students):** EWU student athletes and SWOOP, the EWU mascot, visited Sunset, Reid, and Windsor Elementary Schools to spark students' interest in reading by reading interactively to them. They also spoke to students about their personal backgrounds, why school was important to them, and how good academic performance led to the opportunity to compete in college sports. At Sunset Elementary, student athletes also participated in sports and games with students enrolled in an after-school program. The facilitator at Sunset, a former women's basketball player from EWU, reinforces the important relationship of education to athletics and athletics to a variety of professions.
 - **Special Olympics' Regional Finals (300+ students):** EWU Athletics partners with Special Olympics-Spokane to be involved with several activities in Eastern Washington. In spring 2009, EWU student athletes from all university teams participated; special Olympians, many of whom attend public school, represented all grade levels in K-12.
- **Biology Program:**
 - **Water Bug Fest (400 students):** EWU faculty introduced the entire Betz Elementary School student body to live aquatic animals and aquatic ecology. Students enjoyed viewing bugs in pans of pond water, under the microscope, and on Waterbug TV.

- **High School Aquatic Science Day (25 students):** Coeur d'Alene High School students were introduced to aquatic environments, basic aquatic sampling equipment, and the concept of careful, replicated and quantitative field sampling. Students then broke into teams of 4 - 5 to test a basic hypothesis. EWU faculty are working to establish the same program with Cheney and East Valley High Schools.
- **Chemistry Program:**
 - **Chemical Mystery Tour (100+ students):** To expose students to the possibilities of science, Eastern's longstanding chemistry demonstration team puts on an interesting show (lots of explosions, smoke, and colors) for high schools throughout the region.
 - **Forensic Science Outreach (100+students):** EWU faculty member and forensic scientist Dr. Peter Bilous travels to high schools throughout the region to make presentations on careers in forensic science and the EWU forensic science program. Job shadowing is provided for interested students.
 - **High-School Chemistry Experiments (20 students):** Chemistry classes from Spokane School District 81 high schools come to EWU to use advanced chemical instrumentation in conducting afternoon-long experiments.
 - **Hutton Elementary School Science Activities (20+ students):** EWU faculty member and chemist Dr. Ken Raymond has presented several science activities for students at this Spokane District 81 elementary school.
- **Chicano Education Program:** This program has a dual mission at EWU. First is to contribute actively toward enhancing the opportunity and participation of Chicanos/Latinos in higher education. This mission actively recruits in PK-12 and supports Chicano/Latino students in positive and successful academic careers. A parallel mission is to contribute to EWU's goal of addressing diversity by providing all students, regardless of ethnicity, with a Chicano Studies curriculum leading to a comprehensive understanding and appreciation of the Chicano/Latino community and relevant issues.
- **Children's Studies – Cheney Hangout (70+ students):** Sponsored by EWU and Cheney's School District, Parks and Recreation Department, and Police Department, the Cheney Hangout is a meeting place for students 9 to 13 years of age. Activities range from recreation to music and computers to homework in a safe environment. Children's Studies and Sociology majors and interns assist with staffing and offerings.
- **College Assistance Migrant Program (CAMP – 40 students):** Through the CAMP program, Chicano Education program staff conduct outreach to K-12 schools in rural areas of Eastern Washington by helping migrant and seasonal working families with their high-school students' college applications and by supporting these students' retention. More than 40 students are brought to EWU each year through the CAMP program. In 2009, EWU's CAMP program was selected by the U.S. Department of Education as one of the top 10 CAMP programs in the nation.
- **College of Science, Health and Engineering Tours (300 students):** Patrick Harris, an EWU high-school liaison, provides mock classes and building tours to various middle- and high-school groups, including GEAR UP, a university-based, pre-college program serving students and teachers in statewide networks of middle and high schools. Tours serve to help prospective EWU students understand career and educational opportunities in the fields of computer science, engineering, visual communication design, and physics.

- **Communication Disorders - Recruitment of High School Students from Underrepresented Regions (150 high schools):** At the beginning of the 2007-08 academic year, Communication Disorders' faculty and staff created a promotional DVD about the profession, the department, Eastern Washington University, and the greater Spokane region and sent it to high schools in underrepresented regions of the state of Washington. At least five high schools requested visits, and as a result, five students plan to enter Eastern's Communication Disorders program during the 2010 - 2011 academic year. In 2009-10, the Communication Disorders department will translate the promotional DVD into Spanish to send to Washington State high schools having a relatively high proportion of students of Hispanic descent.

- **Computer Science - Future Potential in Computing (70 students):** This annual event is intended to bring computer science professionals and current computer science students into contact with high-school students who might be considering careers in computer science.

- **Counseling, Educational, and Developmental Psychology Outreach:** As part of the state's certification requirements, 50 student teachers in Eastern's School Psychology, Counseling, and Special Education programs are placed in school districts throughout Washington State. Student interns interact with elementary- and secondary-school students on a variety of issues, including educational goals and future career choices.

- **Dental Hygiene - HeadStart and the Early Childhood Education and Assistance Program (ECEAP) - Oral Health Presentations in Partnership with Spokane Community College (76 adults, 300 students):** EWU's dental hygiene students travel to HeadStart and ECEAP sites and present oral hygiene instruction to children and caregivers free of charge to increase oral health awareness in low-income families.

- **Eastern Advantage Program (188 students).** In its second year, the program provides first-generation college students with the tools and resources necessary to succeed in achieving their goal of attaining a college degree. Eastern Advantage offers a \$1,500 one-time scholarship to eligible students, targeting first-generation, Washington State, college-bound students. Emphasis is also focused on students interested in science, technology, engineering and mathematics. Advantage scholars receive intensive support services such as an orientation to EWU the summer before they attend, one-to-one academic advising with a dedicated staff member, mentoring activities and a credit-bearing college transition course that includes college and campus orientation, self- and career exploration.

- **Eastern Experience (96 students):** Eastern Experience brings students from across the state of Washington to the Cheney campus for a series of weekend workshops to support their attendance at college. EWU staff present information on selecting a university or college, applying for college, and financing a college education. Students participate in hands-on university classes, recreational activities, and team building and leadership experiences.

- **Education Program:**
 - **Blackboard Letters (26 students):** Sixth-grade students from Spokane's Audubon Elementary School write and exchange letters with EWU student teachers through the electronic Blackboard format. Through this web-based application, pre-service teachers learn about elementary students' reading preferences and strategies, while students practice writing in one-to-one dialogs with student teachers about the teachers' own reading preferences and favorite books.

- Cheney School District Sprint Campout for Fifth-Grade Students (175 students): Pre-service teachers facilitate water quality awareness at the annual three-day sprint outing for fifth-grade students from Betz, Reid, and Salnave Elementary Schools.
- Field Station/Learning Center (100 - 300 students per year): In partnership with the Cheney School district, EWU's Department of Education has proposed to establish an ecological field station and science-learning center in southwest Spokane County. EWU will serve as a partner by utilizing opportunities for collaboration, research, and best practices for field research with pre-service teachers.
- Reid Lab School Science and Technology Program (150 students): Education Department personnel provide assistance in piloting new science and technology teaching initiatives at Reid Lab School in Cheney.
- Science WASL Elementary Enhancement Program (260 students): This initiative highlights the use of hands-on activities to build student inquiry and science process skills prior to taking the WASL.
- STEM Outreach (700 students): Members of Eastern's Education Department bring the newest initiatives in science, mathematics, and technology to nearly 700 PK-12 students in the Inland Northwest. Teachers and students benefit from being introduced to teaching strategies geared to strengthen students' skills in the hard sciences and mathematics. WASL results, student questionnaires and surveys, and teacher evaluations are among selected methods of assessment.
- Summer Reading Program: In the summer, EWU faculty, staff, and students in the Department of Education hold a two-week, summer reading program for students from Cheney and Medical Lake schools. Students receive tutoring in reading skills and strategies and a heightened awareness of the possibilities associated with higher education.
- English Program:
 - Collaboration in the Composition Process (100+ students): Lewis and Clark High School students in four Advanced Placement English courses worked through the drafting process at four stages of their research papers with 11 EWU English Education majors. AP students received extensive commentary on their work.
 - High School Journalism Day (60+ students): The Journalism Program sponsors a journalism contest for high school students who write for their newspapers. All contestants (and their accompanying English or Journalism teachers) are invited to attend a day of programming with workshops, interviewing activities, and local journalists and authors as panelists.
 - Writers in the Community (500+ students): Students in the Creative Writing program visit K-12 classrooms once each week to provide enriching poetry composition activities. In addition, middle- and high-school students are invited to participate in poetry slam events.
- Entrepreneurship Program:
 - Distributive Education Club of America (DECA): At Spokane's Rogers High School, outreach and entrepreneurship are offered to students participating in the Distributive Education Club of America (DECA) class. Students receive weekly assignments, which are later studied; appropriate recommendations and advice are provided. Additional sessions are held for those students who enter the regional DECA contest.

- **Youth Entrepreneurship at Spokane's Shaw Middle School:** Eastern's Youth Entrepreneurship program provides outreach to Spokane's Shaw Middle School students, using weekly activity plans and scenarios for business games to teach students about business, leading to students' developing plans for their own businesses. Research on teaching youth entrepreneurship was conducted to find the best tools and methods for middle-school entrepreneurship education.
- **Financial Aid Office:** To assist students and their parents with Eastern's financial aid and scholarship processes, staff from the Office of Financial Aid conduct outreach activities on a regular basis. At the invitation of regional high schools, staff make presentations for juniors, seniors, and their parents. On-campus financial aid presentations are provided in support of the outreach activities of other EWU programs such as Chicano Education, CAMP, Washington Achievers, and Eastern Advantage. Additional outreach activities include presentations for College Goal Sunday, the Spokane County Interstate Fair, and a call-in program broadcast by a local television station.
- **GEAR UP/Onward: Preparing Students for Success (625 students):** GEAR UP is a joint project among EWU and a consortium of eight rural school districts in northeast Washington State. This six-year partnership provides services to high-poverty, middle- and high-school students, following the students from middle school throughout their high-school careers. GEAR UP's goals are to ensure that post-secondary education is accessible to all students, including those who are traditionally underrepresented in higher education. GEAR UP provides professional development for educators, supports parental involvement, and assists students by equipping them with the academic skills needed for success in college. The cohort currently includes 625 students in grades 9 – 11. Data are being gathered to assess students' academic scores, including WASL and PSAT, and numbers of students who are performing at grade level and taking college preparation and advanced placement courses.
- **Graduate Education Research Office (31 students):** Advanced placement and honors students from local high schools were invited to attend EWU's 2009 Student Research and Creative Works Symposium to experience college-level research and creative activity. The symposium, with 285 EWU participants, is the largest campus-wide, academic-oriented event of the year. Thirty-one students and three teachers from four high schools attended oral and poster presentations and toured the campus.
- **History 110 at Spokane's Central Valley High School (25 students):** EWU Professor of History Dr. Bill Youngs partners with a history teacher from Central Valley High School to integrate learning objectives from Dr. Williams' History 110 course into the high-school course. Students will receive Running Start credit.
- **Interdisciplinary Studies:** Eastern's Interdisciplinary Studies Program offers alternatives for students seeking a degree program applicable to a variety of careers with three distinct program options: 1) Career Experience / Prior Learning, 2) Liberal Arts, and 3) Multidisciplinary. EWU has awarded credit for prior learning through the Department of Interdisciplinary Studies Portfolio Assessment Program since 1979. Students participating in this program are able to utilize their career experiences toward elective credits in their Interdisciplinary Studies degree. Eastern Interdisciplinary Studies team members participate in a variety of community and private industry education fairs year-round in Eastern Washington and Northern Idaho.
- **Library Tours and Outreach:** University Archivist Dr. Charles Mutschler partners with the English faculty at Cheney High School to introduce high school students studying the play *Hamlet* to historical resources at John F. Kennedy Library. Students spend one day touring the library, learning about primary and secondary resources, and using the library catalog and online databases for their research projects. Additionally, Dr. Mutschler provides tours of Kennedy Library to classes from high schools in the region (two per year, on average) at teacher request.

- **Mathematics Program:**
- **Mathematics and Global Diversity Education for Third-Graders (25 students):** Third-grade students from the Betz Elementary School in Cheney visit EWU to participate in a geometry activity and meet students from Eastern's Asia University America Program. The AUAP students, attending Eastern to hone their English language skills and gain familiarity with American culture, are the third-graders' pen pals.
- **Mathematics Case Study Project (50 teachers per year for 3.5 years, in collaboration with University of Washington and Washington State University partners):** Middle-school teachers from Seattle, Spokane, Pullman, Tonasket, and Wellpinit work with EWU mathematics faculty to improve teachers' mathematics proficiencies and pedagogy toward the goal of improving students' competency in math. Teachers attend a one-week summer workshop followed by five, one-day sessions during the school year; results are assessed via pre- and post surveys and interviews as well as external reviews.
- **Math, Engineering Science Achievement (MESA – 90 students):** Faculty from Eastern's College of Science, Health and Engineering attend Washington State's MESA trebuchet competition and provide information about Eastern's science, math, and engineering programs. MESA's mission is to provide enriching opportunities in mathematics, engineering, visual communication design, physics, computer science and science disciplines for underrepresented students in grades K-12.
- **Math/Science Partnership Summer Workshop (25 teachers per summer for three summers):** This math/science partnership grant provides a summer professional development workshop for middle- and secondary-school mathematics and science teachers from Educational Service District 101, Cheney, Spokane (including East- and Central-Valley schools), and other regional school districts. Primary workshop objectives are to improve teachers' mathematics content and pedagogy, thus leading to students' improved understanding. Surveys and external reviews provide assessment data.
- **Partners in Learning (PiL - 25 teachers, 100+ students):** The purpose of this action research grant, whose partners are the William and Melinda Gates Foundation, the Office of the Superintendent of Public Instruction, Eastern Washington University (Departments of Education and Mathematics), and the Cheney School District, is to study the means of improving the understanding of mathematics for struggling students. Assessment methodologies include Interviews, student data, and external reviews.
- **Riverpoint Mathematics/Science Partnership:** Mathematics and mathematics education faculty from EWU, Spokane and Spokane Falls Community Colleges, and Washington State University collaborate with mathematics teachers and principals from Gonzaga Prep and the Central Valley, Cheney, Chewelah, East Valley, Mead, West Valley, and Spokane Public School Districts to discuss the mathematics College Readiness Standards, observe classes taught, develop rich activities and lessons, and collect student work to better understand the extent to which students are achieving the CR standards. The larger objective is to create a smooth transition from high school to college math courses so that students can be more successful.
- **Transition Mathematics Project (TMP):** Eastern actively partners with TMP participants in K-12, community and technical colleges, and the public baccalaureates in this statewide initiative, which seeks to identify the college-level math readiness of high-school juniors and seniors throughout Washington State.

- **Modern Languages and Literatures Program:**
 - **Advanced Languages Program (800+ students):** Students in area high schools take EWU classes in French, German, Japanese, and Spanish. Department of Modern Languages faculty at EWU lead teams of high-school teachers to ensure that the EWU curriculum and assessment are being followed. Running Start credit is offered.
 - **English Language Learner Service Projects (20+ students):** EWU students in the ELL minor/endorsement program carry out academic service projects with local schools. In fall 2009, the students will host a tour of EWU for 20+ ELL students from Lewis and Clark High School to help them prepare for college. In winter 2010, the EWU students will carry out online ESL tutoring for these Lewis and Clark students.

- **Music Program:**
 - **Bassoonarama, Cellobration, and Clarinexus (85 students):** These annually offered specialty festivals bring amateur and professional musicians alike to EWU in celebration of their chosen instruments through workshops, clinics, lectures, master classes, and recitals/performances.
 - **Cheney String Academy and Spokane Youth Orchestra Camp (40+ students):** Fourth and fifth-grade beginning string players are taught by EWU music faculty and students at Cheney's Salnave Elementary school. The string academy is the only string program offered in the Cheney School District. Experienced student musicians who are members of the Spokane Youth Orchestra spend a week in performance and coaching sessions with EWU music faculty to prepare for the Youth Orchestra's upcoming orchestral season.
 - **"Fly Like an Eagle Day," High-School Band Invitationals, Conducting Residencies, Drum Major and Leadership Camp (320 students):** Regional high-school bands join the EWU Eagle Marching Band to perform at an Eagles' football game; bands come to campus for performance clinics, facilitated by EWU music faculty and graduate students, and concerts with guest conductors; and drum majors and other outstanding marching band students receive leadership training as part of a four-day camp hosted by EWU.
 - **Jazz Dialogues – Camps, Workshops, Residencies, and Festival (1200+ students):** Middle-school and high-school students attend intensive summer camps dedicated to improving jazz performance. Throughout the academic year, residencies and workshops at EWU give student jazz instrumentalists and vocalists the opportunity to work in close collaboration with EWU music faculty and nationally acclaimed guest artists. In addition, a festival is held each November in which middle- and high-school students attend intensive workshops with expert jazz performers. The festival culminates in performances.
 - **Music Program Outreach – Fall Faculty Tour and Visiting School Music Groups (800 students):** Each fall, several EWU music faculty travel to high schools located in the Tri-Cities, Bellevue, Vancouver, Seattle/Tacoma and north Seattle regions of the state. In addition, between 20 and 30 K-12 school music groups visit the Music Department each year. Students work with EWU music faculty in clinics or share concerts.
 - **Piano (110 students):** The James Edmonds Piano Festival and Competition, the Piano Pedagogy Concert, and the Spokane Piano Camp provide the region's K-12 piano students with technical workshops, master classes, and professional coaching from EWU music faculty for piano proficiencies, competitions and performances.

- **National Association for College Admissions Counseling (NACAC):** The NACAC hosts four national college fairs in the Northwest region. EWU faculty and staff from the College of Science, Health and Engineering attend NACAC fairs held in Seattle, Spokane, and Boise to familiarize prospective EWU students with careers and educational opportunities in the fields of computer science, engineering, visual communication design, and physics.
- **Paleobiology Presentations:**
 - **Raptors and Other Dinosaurs – a Saturday Children’s Program (40 students):** Students come to EWU’s bookstore to learn about dinosaurs and raptors from the College of Science, Health and Engineering’s dean, Judd Case.
 - **Science through Dinosaurs - Presentation to Hamblen Elementary School (75 students):** Dr. Judd Case, dean of Eastern’s College of Science, Health and Engineering, uses dinosaurs to illustrate how science works.
- **Physical Education, Health, and Recreation Program:**
 - **Athletic Training Outreach:** Faculty and student interns in the Athletic Training program work with high school trainers and student athletes from Spokane and Cheney. Interactions include preparation and rehabilitation techniques.
 - **Fitness Testing (250 students):** As part of a physical education progress grant, Physical Education personnel conducted fitness testing for 250 students in the Medical Lake School District. In addition to testing, goals were to promote healthier students and a healthier society.
 - **Kalispel Student Camp (30 students):** Thirty American Indian high-school students from Cusick, Washington, attended a three-day Kalispel student camp, which focused on team building, self-esteem, and post-secondary recruitment. Derived research was presented to the tribal council of Kalispell Indians. Exit interviews in 2009 indicated that several of the Kalispell campers plan to attend EWU.
- **Practicum in Community Involvement with Lewis and Clark High School Students – College of Social and Behavioral Sciences (80 students per year):** Students visit EWU’s Cheney campus, meet faculty, produce research papers, and receive feedback on their research.
- **Reading Academy Project:** The Reading Academy, whose goal is to assist students who are struggling academically, is a yearly collaborative project among Eastern Washington University and high schools in approximately ten districts throughout the state. Peer instructors receive Running Start credits for instructing developmental students; progress is assessed through pre- and post-test instruments in addition to formative data that is gathered throughout the academic year.
- **School of Social Work and Human Services:**
 - **Partnership with the College of Arts and Letters:** Twelve European college students spent five weeks in an intensive summer institute for pre-service educators and were connected with more than 15 local K-12 teachers and schools, including Havermale School, Medicine Wheel Academy, Ferris High School, Ponderosa Elementary, Cheney Middle School, Jefferson Elementary, Oakesdale Schools, Cheney Home Works (a home schooling support program) and Chief Garry Middle School. The students also designed and delivered service-learning projects in the Jefferson Montessori classroom, as well as at Plum Tree Preschool. This project was funded by the U.S. Department of State’s Bureau of Educational and Cultural Affairs and supported by Fulbright Commissions in Germany, France, the United Kingdom, and Spain.

- **Partnership with the College of Arts and Letters and the Division of International and Educational Outreach:** Fifteen Chilean pre-service teachers served as teaching interns in the Spokane Public Schools' English Language Learning Program during fall quarter 2008. They also participated in job shadowing at Pasco School District and made visits to numerous K-12 schools throughout Washington, including Cusick, Freeman, Bridgeport, Brewster and Cheney. Funding to support this project was provided by the U.S. Department of State's Bureau of Educational and Cultural Affairs in cooperation with the Chilean Ministry of Education. Through this innovative program, Arts and Letters Associate Dean Dr. Gina Petrie conducted a continuing education workshop for K-12 English Language Program teachers in the Spokane Public Schools. Held at Ferris High School's Newcomer Center, this workshop focused on helping English Language teachers use technology, family context, and cultural traditions to maximize K-12 student learning.
- **Practicum Interns in PK-12:** During the academic year, 15 social work students worked as practicum interns in K-12 schools throughout Washington, including Spokane, Cheney, Vancouver, Yakima, Everett, and many rural communities. This group of graduate students served as school social workers in these training settings, providing K-12 students with case management, mental health treatment, referrals to community providers, and school engagement with family members.
- **Spanish for Parents:** In an effort to better connect with parents, and as a part of EWU's First-Step (student orientation) Program, orientation sessions are offered in Spanish for parents/grandparents whose first language is Spanish. Participants' reaction to this offering has been very positive, and parents and grandparents are pleased that their sons, daughters, and grandchildren are attending EWU.
- **STeAM Project (Science, Technology, Engineering, and Math – 120+ students):** Under the leadership of EWU President Rodolfo Arévalo, EWU launched Project STeAM in late 2008 to provide leadership, facilitate programs, and provide infrastructure to address the critical need for engineering and science graduates. Students 9-14 took part in the First Lego League competition ("a sporting event for the mind"), which was followed by the First Robotics competition ("a varsity event for the mind"), for high school students who, using standard parts' kits, worked in teams to build robots. Students were rewarded for demonstrated team spirit, professionalism, and the ability to overcome obstacles.
- **Summer Camps (3,164 students):** Students by the thousands come to Eastern to participate in a variety of yearly summer camps. Summer 2009 camps, which drew 3,164 students, included offerings in academics (Satori, outdoor learning adventures, computer science, robotics, and video game creation), athletics (football, basketball, wrestling, soccer, volleyball, and tennis), and creative arts (theater, music, and moviemaking).
- **Talent Search:** This program has been designed to help students graduate from high school and to increase enrollment in postsecondary education by providing academic, career, and financial mentoring. In addition, the program serves high school dropouts through mentorship as well as low-income high-school students who possess the potential to succeed in higher education.
- **Theatre and Film Department – Stage Door to the Future (35+ students):** This two-week summer program provides students 8-17 with an opportunity to study with a professional theatre director and be mentored by university Theatre majors. The program culminates in a production showcasing students' work.
- **Urban and Regional Planning – "It's Your Thang":** In collaboration with Spokane's East Central Neighborhood Community Organization and Partnership Center, faculty and staff from the university and Eastern's Department of Urban Planning offered the "It's Your Thang" summer career camp for

underprivileged youth. More than 40 professionals from a wide range of careers engaged students in conversation about their careers and their futures. Students completed community service work and received stipends for completing the camp. Plans are underway to use the camp as a model to address the critical needs of youth in poverty as linked to careers and possible college performance.

- **Washington State Achievers' Program (200 students):** This program, funded by the Bill and Melinda Gates Foundation, and managed by the Washington Education Foundation (now the College Success Foundation), provides mentoring, scholarships, and academic support to economically disadvantaged students with high potential. Eastern's Achievers' program continues to serve over 200 each year as they progress towards graduation. Students are selected during their junior year in high school and attend a summer college preparatory program at one of the state universities. In the fall of 2005, the then-Washington Education Foundation received funding support to increase early outreach strategies to provide college awareness, preparation, and enrollment to targeted underrepresented students, especially young males of color and other disproportionately underrepresented students. The goal is to increase the numbers and percentages of these targeted groups in their scholarship application, high-school graduation, and college enrolling rates. In addition, funding has been provided to support other college access programs. The last cohort (cohort 10) of the Washington Achievers will be selected in spring of 2010.
- **Washington State Science Olympiad - College of Science, Health and Engineering (1,000 students):** As the site host and a co-sponsor of the Science Olympiad, The College of Science, Health and Engineering provides faculty judges and mentors and staffs an information table at the event. Science Olympiad is a non-profit organization that promotes science instruction by organizing a national level science tournament. The objective of the Olympiad is to increase STEM involvement in middle- and high-school students.
- **West Valley Civic Engagement:** This partnership between EWU and Spokane's West Valley School District is targeted toward student success in the region's alternative schools. The initiative's goal – increased retention, high-school graduation, and postsecondary success among alternative school students – will be fostered through dual emphases on citizenship and civic engagement.

UNIVERSITY OF WASHINGTON

- **K-12 Resource Guide:** The UW has hundreds of outreach activities to K-12 to encourage students to attend college. The K-12 Resource Guide has information about these activities sortable by grade level, type of program, academic unit, etc. See: www.outreach.washington.edu/k12guide/
- **Student Ambassador Program:** This program is designed to encourage students to pursue higher education, educate students about academic requirements and university life, facilitate admissions workshops, act as mentors, plan and implement cultural events, and advocate for students of color.
- **Outreach and Admissions Coordinators:** Coordinators serve minority students in high schools throughout Washington. They establish contact with local school districts and provide outreach to families.
- **Shaping Your Future:** Shaping Your Future is a Saturday morning event held each spring that includes panels of current students, a keynote speaker, and sessions on student life, available services, and discussions about majors and UW Support programs.
- **UW Yakima Valley GEAR-UP:** The largest GEAR-UP partnership in the nation, comprising an area of 500+ miles in central Washington, this UW program serves seven school districts that are marked by extreme poverty and low educational attainment, including a Tribal school, three community-based partners, and a community college
- **Upward Bound:** This federally funded program is designed to encourage and assist students to graduate from high school and prepare them to enter and complete a postsecondary program. It provides an intensive summer program on the UW campus, workshops to improve SAT and ACT test scores, field trips, test fee waivers, after school classes and other help, lunch money, bus tokens and small stipends.
- **TALENT-SEARCH:** This is a program designed to help students graduate from high school and increase enrollment in postsecondary education by providing academic, career and financial mentoring to high school students. It serves low-income high school students with the potential to succeed in higher education as well as high school dropouts
- **Jumpstart:** An early education program that recruits UW students to mentor low-income pre-school children. It builds language and literacy, and social and initiative skills to lay the groundwork for later academic and social success. UW students receive early childhood and leadership training, and can earn Work Study funding and academic credit.
- **Making Connections:** This program serves economically disadvantaged high school students in the Seattle area. Students are mentored to consider careers in science, math, engineering and technology. This program supports underrepresented and first generation students through the college admissions process.
- **Pipeline Project:** The Pipeline Project is a K-12 outreach program that links undergraduate students from the University of Washington with both educational and service opportunities within the Seattle Public Schools through tutoring and mentoring. Current UW students can be involved as volunteers, through service learning courses as part of Inner Pipeline and educational seminars, and through Alternative Spring Break.

- **Washington State MESA:** This program provides opportunities for underrepresented pre-college and community college students, using instructional approaches, to enrich study in math, engineering and science. The K-12 Programs assist elementary, middle, and high school students throughout Washington to excel in math and science and go on to college in math-based majors. The MESA Community College Program supports community college students so they will transfer to four-year institutions and pursue majors in math, engineering, science, and technology.
- **Washington State Achievers Program:** This program, funded by the Bill and Melinda Gates Foundation, and managed by the College Success Foundation, provides mentoring, scholarships and academic support to economically disadvantaged students with high potential. The Achievers program will serve 5,000 students over ten years, ending in 2010. Students are selected during their junior year in high school and attend a summer college preparatory program at one of the state universities the goal is to increase the numbers and percentages of these targeted groups in their scholarship application, high school graduation, and college enrolling rates. In addition, funding was provided to support other college access programs.
- **Science Outreach:** The University of Washington Engineered Biomaterials program (<http://www.uweb.engr.washington.edu/education/k-12/index.html>) has worked for several years to engage pre-college students in science:
 - **Classroom Visitation:** Puget Sound area elementary and community college teachers are able to have a UWEB volunteer visit their classrooms. Each visit includes an interactive presentation, career information, and hands-on design project.
 - **Laboratory Experience for High School Students (LEHSS):** A summer outreach program, now in its third year, serves high school students from the Seattle area. The goal of the LEHSS program is to encourage diverse students to make a personal commitment to a career in science/engineering, and to acquaint them with exciting research in engineered biomaterials at the UW campus.
 - **Youth Take Heart:** In 2003, Education and Outreach garnered a \$1.55 million award from NIH for the Youth Take Heart program in partnership with the Hope Heart Institute and the Washington MESA program. The goal of the initiative is to carry out a five-year educational plan on cardiovascular health, aimed at students in grades 6-12. The effort has a two-prong emphasis: to introduce students, especially minority students, to careers in health and science, and to educate them about good health practices.
 - **Science for Success (SFS) 2007:** The SFS program is designed to encourage students toward a personal commitment to a career in science and to acquaint them with exciting research in the biological sciences, medicine, and the environment at the UW campus.
 - **Science Teachers Institute (STI):** This is a National Science Foundation and National Institutes of Health funded summer professional development opportunity for science teachers interested in increasing their knowledge of Biomaterials and Bioengineering, and providing cutting-edge, inquiry-based science materials for their students.

Dream Project: The Dream Project is a student-initiated high school outreach program that operates as a University of Washington course, partnering UW students with first-generation and low-income high school students to help them achieve the dream of attending college. The program's dual-focus approach strives not only to help these high school students, but also to teach UW students about important social issues through a unique, hands-on experience.

See <http://depts.washington.edu/uwdmpri>

CENTRAL WASHINGTON UNIVERSITY

K-12 Outreach Initiatives

The following responds to the directive in section 607(7) of the 2007-09 biennial operating budget to report to the Higher Education Coordinating Board about progress in developing and implementing outreach programs designed to increase awareness of higher education among K-12 populations.

CWU increases the awareness of K-12 school children of higher education opportunity in many ways. In the course of the year, CWU faculty, staff, and students conduct numerous activities and events that make thousands of K-12 students aware of higher education. Following is a summary of those activities, organized by the division within CWU that supports the activity or project.

STUDENT AFFAIRS & ENROLLMENT MANAGEMENT

Community Outreach

▸ **Community information nights:** Admissions staff participated in several community outreach events for K-12 students and their families, during which staff answered questions and provided information about a broad range of college-admission subjects: applications and financial aid processes, the importance of rigorous high school curriculum, and the differences among college preparation programs, such as Running Start, Advanced Placement, International Baccalaureate, honors, Cornerstone, and College in the High School. Admissions staff also have conducted workshops on writing admissions essays.

▸ **Community events information tables:** CWU set up information tables at the Puyallup Fair and at community-based events sponsored by Native American tribes, cities, and school districts. The university also sponsored information tables at sporting events and at several conferences, including the Liberal Education and America's Promise, and the Cesar Chavez Youth Leadership Conference. The Cesar Chavez conference informs students from migrant-worker backgrounds about higher education options available to them. The 200 high school students who attended the conference at Western Oregon University participated in workshops, listened to guest speakers, and attended a college fair.

▸ **Public presentations:** Admissions staff made numerous presentations to student conferences meeting on the CWU campus over the summer. Presentations have covered admissions processes and requirements, and other subjects. The conference groups have included, among others, Evergreen Girls State and Boys State, Business Week, DECA, and History Day.

▸ **Electronic media advertising and public service announcements:** Central has sponsored radio and television public service announcements (PSAs) about higher education opportunities. PSA placement included the Spanish-language television network, Univision.

High-School Visits and Fairs

▸ **High-school visits:** Admissions staff visited 230 Washington high schools during the 2008-2009 academic year and attended 121 high-school organized college fairs. Staff spoke with students and distributed printed material about enrollment opportunities at CWU. CWU also has met with high school freshman classes about the entrance requirements for admission to Washington public baccalaureate institutions.

- ▶ **National College Fairs:** In fall 2009 and 2010 admissions staff will participate in national college fairs held in Spokane, Seattle, Walla Walla, Portland, and Boise. Some 45,000 students will attend the fairs, where CWU staff will distribute more than 5,000 CWU information packets to prospective students and their parents. Central anticipates receiving nearly 2,500 responses from these events.

- ▶ **The Washington Council for High School-College Relations** organizes baccalaureate staff visits to high schools each year. In 2008-2009, CWU admissions staff visited 10 sites throughout the state speaking to high school counselors and updating them on changes to CWU admissions requirements. Staff also participated in fall and spring high school tours and met with at least 1,500 high school students.

K-12 Student Visits to the CWU Campus

- ▶ **Central Visitation Program:** This student-run program coordinates the campus visits of large and small groups and campus open houses. These events bring more than 12,000 students and parents to CWU's Ellensburg campus each year. Visiting groups include GEAR-UP, Upward Bound, Talent Search, College Bound, Advancement Via Individual Determination, Bridges, Opportunities Industrialization Centers of America, and other early-intervention programs.

- ▶ **Washington State Achievers Program** is funded by the Bill and Melinda Gates Foundation and managed by the Washington Education Foundation. The goal of the program is to increase the numbers and percentages of under-represented students who complete a scholarship application and graduate from high school, and to increase the number of under-represented students who enroll in college. Students are selected for participation in the program during their junior year in high school and attend a summer college preparatory program on the CWU campus. Since 2006, Central admissions staff have partnered with the foundation to coordinate and host the annual Achievers Program Summer College Experience.

Partnerships

- ▶ **Achievers College Experience (ACE)** brings about 600 of Washington's best and brightest high school seniors-to-be to the CWU campus for a four-day workshop each summer. Students learn about the college admissions process, how to pay for higher education, and how to write a personal statement and resume. Students, all of whom are from low-income families, receive information and other resources they need to prepare for college and how to succeed in their final year of high school. Funded by the Bill and Melinda Gates Foundation, ACE provides mentoring, scholarships and academic support to economically disadvantaged students with high potential.

- ▶ **The Bridges Project** sends CWU students to high schools and middle schools all over Washington state to mentor under-represented students. Mentors tutor and connect with students who are at risk and help them to get involved in their education. Activities organized by the Bridges project include the Latino/a Educational Achievement Project, technology camps, and self-esteem workshops. Last summer the CWU Bridges Program conducted a "media camp" for the Federal Way school district. Students shot, edited and wrote the script for video presentations, and learned Web development and other media skills.

- ▶ **The College Assistance Migrant Program** annually serves about 50 students all first-year students from migrant or seasonal farmworker families. CAMP provides students an arsenal of support services including academic tutoring, mentoring, financial aid counseling, leadership training and cultural enrichment opportunities during their first year. Each student has access to laptop computers and receives a \$750 stipend to help with educational expenses.

- ▶ **The Gaining Early Awareness and Readiness for Undergraduate Programs (GEAR UP)** serves about 1,550 students in the Okanogan Valley and about 4,250 students in the Yakima Valley. GEAR

UP strengthens academic programs and student services in middle- and high-schools so that students are prepared academically and financially to enter and succeed in college.

▸ **Realize an Education is Achievable (REACH):** CWU developed this early-outreach program for middle school students. REACH encourages and helps students to prepare academically and financially for college.

▸ **The Science Talent Expansion Program (STEP)** increases recruitment, retention, and performance in science, technology, engineering and mathematics, especially among under-represented students. Admissions staff collaborated with school districts to organize on-site, college-recruiting events and career fairs to reach middle- and high-school students. The efforts have resulted in CWU's largest and most diverse group of STEP participants in fall 2009.

▸ **Wildcat Transitions:** This early intervention program for academically at-risk students provides mentoring, advising, and block courses.

COLLEGE OF ARTS AND HUMANITIES

Outreach by CWU's College of Arts and Humanities increases K-12 students' awareness of higher education by bringing them directly into contact with CWU faculty and students in the public schools and on the CWU campus. For example, the college sponsors art classes during and after school. World Languages Day brings about 300 high school students to campus to experience workshops on world languages and cultures. Theatre events include a two-week summer camp for K-12 students on the CWU campus; the Youth Theatre Tour alone reaches more than 20,000 middle-school students in the Pacific Northwest.

Each year the Department of Music sponsors events that make *thousands* of K-12 students aware of higher education by bringing them to CWU's residential campus in Ellensburg and enabling them to interact with faculty and university students. In addition, faculty in the Department of Music facilitate band, orchestra and choir clinics and festivals. Faculty serve as guest conductors for events for high school students all over the Northwest, work by invitation with high school groups at their schools, and adjudicate and conduct workshops at school music festivals.

The Department of Music's outreach to K-12 students includes hosting annual festivals for high schools in each of eight areas of music performance. The largest festival brings more than 2,000 high school students to the CWU campus. Following are some of the K-12 music events held on the CWU campus and hosted by Central faculty and students.

- The Central Cello Celebration brings 50 participants to campus, including students from grades 6 through 12, college students, and music professionals.
- The Children's Choir Program for elementary school children is composed of two choirs.
- The Choral Festival involves 25 choirs and about 1,000 students.
- District Music Solo and Ensemble Contest includes about 500 students.
- The John Moawad Invitational Jazz Festival involves 12 groups and about 240 students.
- The Kairos Lyceum includes 25 performing groups of students from grades 9 through 12 and collegiate participants.
- The Laughing Horse Youth Orchestra Festival involves 65 student participants in grades 4 through 12.

- The Orchestra Festival includes 26 orchestras and 800 students.
- The Sonatina Festival serves a total of 400 students and 1200 attendees, including teachers.
- The Sounds of Summer Drum Line Camp brings 100 students to campus.
- The String Prep Program involves about 100 K-12 school students who come to campus to participate in four different string ensembles.
- The Summer Youth Orchestra and Chamber Music Festival attracts about 60 school-age musicians for a week-long, summer experience on campus.
- The Suzuki Association Conference conducts 20 workshops for teachers and about 500 students.
- The Evergreen Music Festival, co-sponsored by the Tacoma Youth Symphony, brings 100 to 150 K-12 students to campus.
- The Trumpet Festival involves 50 K-12 and collegiate students, as well as members of the community.
- The Washington Music Educators Association State Solo & Ensemble Contest brings 1500 student musicians to campus each year.
- The Wind Festival brings 40 bands and about 1800 students to campus each year.
- The Yakima Valley Music Educators Association Solo/Ensemble Contest involves about 200 student musicians.

In addition to hosting festivals and workshops on campus, the faculty and students of the Department of Music travel to school districts to work with and perform for K-12 students and teachers. CWU Assistant Professor of Music Education, Dr. Bret Smith, is a curriculum consultant to the Yakima School District. CWU ensemble directors, faculty who direct small performance groups, regularly visit area schools to work with high-school musicians. Central Brass and Woodwind Quintets partner with the Yakima Symphony Orchestra in outreach programs to schools in central Washington.

Musical performances in schools and other venues around the state also help to make K-12 students aware of higher education opportunities. Some of these events include the following:

- Classics in Ellensburg are noon concerts of CWU and school musicians provided for preschool children and seniors.
- CWU Horn Ensemble Performances are held at least three times each year at area schools.
- The CWU Flute Choir performs annually at the Children's Activity Museum
- Halloween Orchestra Concerts for schools include two performances to which K-12 students are bused to campus.
- Preparatory String Program teaches music to 65 K-12, home-school, and private-school students throughout the year.
- Special opera performances for public schools bring K-12 school children to campus for opera performances and members of the CWU Opera Club visit schools.

COLLEGE OF EDUCATION AND PROFESSIONAL STUDIES

▸ The Aviation, Construction, Engineering, Science program: This award-winning program has introduced girls aged 12 to 15 to university education and careers paths in aviation, construction management, engineering, and safety fields through an interactive weekend camp. Activities are facilitated by CWU faculty, students, staff, and industry volunteers. The summer camp is funded through grants from industry and professional organizations in those fields.

- Alternative K-12 schools on the CWU campus serve more than 100 students. Since 1995, the

Ellensburg School District and the CWU Center for Teaching and Learning have collaborated to enhance learning opportunities for university education students and at-risk high school students. Currently, there are three alternative schools on the CWU-Ellensburg Campus: Excel High School, Discovery Middle School, and Developmental Preschool. The programs involve collaboration among K-12 district staff, university faculty, and students in teacher-preparation programs.[The Developmental Preschool isn't technically an alternative program, but it is housed at CWU.]

▸ **The Careers in Education** program recruits high school students into the profession of teaching. CWU contracts with 43 Washington three school districts to provide 90 hours of practical experience to more than 600 high school students who believe they would like to become teachers. The program's learning outcomes and requirements are identical to the pre-autumn experience for CWU education students. In 2009, CWU granted tuition waivers to 200 teacher-preparation candidates who completed the Careers in Education program and enrolled in the CWU teacher preparation program.

▸ **Math and Science Teacher Preparation:** Teacher preparation students work with elementary school students in the sciences, teaching required content for an entire quarter. About 30 teacher preparation candidates use their skills in mathematical content and pedagogy by tutoring and interacting with a student or diverse groups of students in the Ellensburg and Lynnwood areas. Faculty and teacher preparation candidates in science partner with school districts in Kittitas, Ellensburg, Auburn, Kent, and Federal Way to develop and teach science lessons in elementary, middle, and high schools. Other outreach activities include the following:

- **Elementary school science lessons** - Science education students teach science lessons in elementary schools during the school day and during after school programs. Districts served include Ellensburg, Kittitas, Kent, Auburn, and Federal Way.
- **Lincoln School Partnership** - Science education students teach Lincoln School (Ellensburg, WA) third-grade science twice weekly for one quarter.
- **Elementary, Middle-level, and Secondary Practice** - Elementary education students taking the science methods classes teach a science unit in local schools.

▸ **Physical Education** faculty and staff conduct outreach to K-12 students in numerous ways. Physical Education for Progress (PEP) grants enable CWU Physical Education faculty to work with more than 300 K-12 students in Ellensburg, Renton, and Seattle, where faculty integrate technology into physical education/health classrooms. The Physical Education Summer Camp on the CWU campus challenges about 120 high school students to learn new skills and improve physical fitness. The camp also helps students develop cooperation, sportsmanship, self-confidence, and a positive attitude toward physical activity. Camp instructors include CWU faculty and graduate and undergraduate education students. Physical Education teacher preparation candidates work with more than 100 K-12 students and their parents in after-school programs, in which candidates teach movement skills to children and fitness activities to parents two evenings per week.

▸ **The Renton Teacher Academy** recruits under-represented students into the teaching profession. Funded by a grant from the Professional Educator Standards Board to the Renton School District, the academy involves about 24 high-school students this year. They volunteer in elementary schools and work with CWU graduate candidates on the campus of Central's University Center in Des Moines. The Careers in Education class, taught within the Renton Teacher Academy, has been accepted into CWU's Cornerstone Program, which means that students may earn CWU college credit (5 total) for taking the Careers in Education class, "Assisting in the Child Centered Classroom."

▶ The College in the High School/Cornerstone Program offers highly capable students the opportunity to take rigorous college courses and earn college credit while in high school. The program builds a connection between these students and the university as well as enhancing relationships between CWU and K-12 schools. Qualified high-school teachers teach lower-division university courses at their respective schools. Courses use standardized department syllabi or department-approved syllabi that include the same learning outcomes as sections taught on campus. In 2008-09, 61 teachers offered 135 classes in 34 schools to 1300 high school students.

COLLEGE OF THE SCIENCES

Faculty and students in the College of the Sciences work directly with hundreds of K-12 students in their own schools, in the field, and on the CWU campus. These activities generate excitement among K-12 students about the science and encourage them to go to college.

CWU students mentor high school students and help them complete science projects. Faculty and students involve high school students directly in research and guide field trips and tours. Excursions to Englehorn Pond alone reach as many as 1,000 K-12 students each year. Faculty and students also provide science-related, after-school programs and teach science units on everything from acoustics to volcanology in K-12 classrooms. They conduct exciting science "shows," such as the "Physics Extravaganza" and "Circuits"; Dr. Bruce Palmquist, 2005 Washington State Professor of the Year, leads planetarium shows that give elementary students and their families a personalized tour of the nighttime sky.

The Department of Math hosts the annual Washington State Math Contest and the Washington State Math Council Math Olympiad, which draw hundreds of middle- and high-school students to the CWU campus.

Outreach activities to K-12 students by COTS faculty and students are too numerous to articulate in their entirety, but following are some examples:

▶ The Earthwatch Archaeology program brought Yakama Nation high school students and Native American students from throughout the country together with CWU faculty and graduate students to the Lower Columbia River to document a prehistoric site with numerous petroglyphs.

▶ Expanding Your Horizons is part of a national program that provides a day of workshops in science and engineering taught by women professionals in the field. The audience comprises hundreds of middle-school girls (grades 6 to 9) who come from rural school districts across central Washington. Four hands-on workshops are performed at each conference. The conference, "Mysteries of the Physical World," is held in the spring at CWU. A similar set of workshops is held at Yakima Valley Community College in the fall.

▶ Northwest Geology Practicum - Earth science teaching majors taking the Northwest Geology class teach a science unit in local schools.

▶ The Kaleidoscope Outreach program introduces K-12 students to light and the laws of reflection. CWU students and faculty travel to schools to help K-12 students construct a kaleidoscope using a variety of materials such as PVC pipe, mirrored Plexiglas, and a Petri dish. Last year the program served 290 third grade students and teachers from Lincoln Elementary School, Mt. Stuart Elementary School, Valley View Elementary School, and Kittitas Elementary School. Sponsors of the program include the Washington Space Grant Consortium.

▶ **Nature of Night** events are hosted by the CWU Center for Excellence in Science and Mathematics Education. These events, which draw more than 250 K-12 students and parents, center on astronomy and nocturnal animals and other aspects of night-time science.

▶ **The Physics and Laser Light Extravaganza** program includes exciting demonstrations from different areas of physics: mechanics, sound, pressure, light, electricity, and magnetism. The three-part show includes physics demonstrations with K-12 student participants, a 12-minute laser light show, and a question-and-answer session.

▶ **Science Night**: Physics faculty and students work with students in grades 1 through 8 at the Discovery Lab School in Yakima in hands-on science activities: e.g., making ice cream, exploring natural disasters, and testing how different foods react with Diet Coke. The Discovery Lab School is a 200-student school that encourages multi-age and multi-generational connections throughout the curriculum and within the community.

▶ **The Watershed Activities to Enhance Research in Schools (WATERS)** program brings together K-12 students and university faculty and graduate students for hands-on activities in the science of watersheds. For example, CWU faculty and students show 6th graders how to analyze surface water geo-chemistry and snow pack to track climate change. WATERS is teaching Yakama Nation 9th graders to use GIS to chart changes in land and water use.

WESTERN WASHINGTON UNIVERSITY Outreach to K-12 – October 2009

- **Compass 2 Campus:** A Western Washington University Mentorship Initiative is a pilot program implemented by HB 1986 which passed both Houses of the legislature on April 21st 2009. The program is designed to increase access to higher education by providing an opportunity for 5th grade students from traditionally underrepresented and disadvantaged backgrounds in Whatcom and Skagit counties to be mentored by university students. Altogether, the program will send more than 450 Western students into 10 schools, where they will serve as weekly mentors. The main event of the program will take place in late October 2009 when the student mentors will lead their 800 5th grade students on a tour of Western's campus, giving those students a chance to see "college life." This program provides leadership and mentorship skill development among university students while at the same time giving elementary students an introduction to "college life."

The program has the following objectives:

- ☐ Increase GPA and reduce truancy among elementary students.
- ☐ Empower kids to make good choices about the future.
- ☐ Increase university student's leadership and commitment to giving back to their community.

Our overall goal is to help more students graduate from high school and encourage them to consider some form of higher education.

A *Skagit Valley Herald* article on the program can be found at

http://www.goskagit.com/home/article/compass_2_campus_gives_area_fifth_graders_a_glimpse_of_college_life/

- **The Academy for Success In Business:** The second in our series of four planned summer programs for underrepresented students brought incoming 10th graders to campus for a four day session designed to build the skills they will need to be successful in high school and beyond. Guest speakers from BP Cherry Point Refinery, Moss Adams, Ameriprise, BBPS Financial Advisors, Allstate and Whatcom Educational Credit Union were trained to present financial literacy lessons to the students. Participants also built their leadership skills, learned more about the college application process, and were introduced to the Management Information Systems' concentration when they were taught to create their own web pages. The College of Business and Economics is seeking support for next summer as we continue to prepare this cohort for success and commence the preparation of a second group of incoming 9th graders.
- **The Center for Economic Education:** The Center for Economic Education at Western Washington University is dedicated to ensuring that every student in Washington graduates from high school with the basic economic and financial knowledge necessary to make informed decisions as a consumer, saver, investor, worker, and citizen. To accomplish these goals, the Center brings real-life relevance into the classroom by training teachers how to integrate basic economic and financial principles and concepts successfully into traditional studies. By focusing on teacher education, we are able to obtain a significant multiplier effect. In the 2008-2009 academic year, we trained 600 teachers in 33 counties who then took our materials back to their classrooms, ultimately enabling us to ultimately reach over 59,000 k-12th grade students. CEE run student competitions such as the Race to the Top Economics Challenge and the Stock Market Game™ engaged over 3,000 students during this period.
- **Education Matinee Series:** The Education Matinee Series brings students in grades K-12 up to Western's campus to view free performing arts matinees in our professional performance venues. Participants include classes from elementary, middle, and high schools in Whatcom County, home-school families, and daycare programs. The matinees showcase internationally-known professional

artists that are part of the PAC Series, as well as students from the CFPD disciplines. Matinees for the 08-09 Season were one hour in length and included a performance and Q&A period, as well as audience involvement. Prior to each matinee all participating classes received a study guide to help prepare them for the performance and to tie the production into their curriculum and the Washington State Essential Academic Learning Requirements (EALRs). This guide included historical or biographical information, suggestions for discussion topics, and activities. During the 2008-2009 Season the Education Matinee Series had a total of 3,669 participants who attended the five matinees that were offered.

- **MOTley Crew:** The Multicultural Outreach Tour (MOTley) is a literature-based, assembly-style performance geared for K-5th grades that is run by the WWU Department of Theatre Arts. The goal of the Outreach Tour is to bring to life stories from all over the world revolving around a chosen theme for the year (i.e. Heroes, Wisdom, Friendship). The Tour serves many functions - outreach to the community, performance and practicum experience for Drama in Education students, and it offers a celebration of the wonderful diversity in children's literature. Each year members of MOTley go out into local schools with this program, performing for thousands of students and encouraging them to try their own skills on the stage.

During 2008-2009 MOTley visited 16 schools. Their total audience for the year included roughly 4,000 students.

- **Dance Makers:** Each year students from the WWU Dance Program take the art of movement into elementary schools in Whatcom and Skagit County through their Dance Makers outreach program. The program uses movement and dance techniques to explore topics such as math, increased self-esteem, science, non-competitive athleticism and visual art. This assembly-style performance encourages student participation and helps students gain self-confidence as they perform alongside WWU students in front of their peers.

During the 2008-2009 Season Dance Makers performed their show "The Magical Movement Museum" at 9 schools and served nearly 2,500 students and teachers.

- **Opera in the Schools:** Opera in the Schools provides an annual opportunity for local students to experience an opera performance either on Western's campus or at their school. Run by the Opera Studio in Western's Department of Music, the program produces an opera to illustrate the art form to local students and to inspire them to become involved in choir, orchestra, and theatre arts. Nearly all of the productions are in English to provide heightened access to the material for the students.

During 2008-2009, the WWU Opera Studio focused on outreach to grades K-6 by touring *The Ugly Duckling*. The traveling show featured a string quartet for accompaniment and four vocalists. The production was performed at the local library as well as at two schools and reached just over 1,000 people.

- **Western Gallery and the Outdoor Sculpture Collection:** Western Washington University is home to what is considered one of the top ten acclaimed university collections in the United States. The collection boasts works from the last half of the 20th Century that are integrated with the architecture and terrain of the campus. The Western Gallery brings international exhibitions to campus which rotates each quarter. The exhibitions touch on all topics and media, and often are accompanied by an interdisciplinary speaker. Both the Gallery and the Sculpture Collection are open to the public and often are accessed by after-school programs, public and private school field trips, and are annually visited through a Whatcom Museum sponsored field trip for all 4th and 5th grade students in the Bellingham School District.

- **Master Classes, Workshops and Discussions:** Throughout the year visiting artists will work with WWU students and community members in the form of master classes, workshops, and discussions to strive for higher levels of artistry. The Sanford Piano Series is just one of the programs that regularly offer master classes with its internationally-acclaimed pianists throughout the year. These opportunities allow WWU students to be critiqued by professionals in their chosen area of study and provide an environment for intimate discussions on industry trends, themes and techniques. Free master classes, workshops, and discussions are hosted at various times throughout the year by all of the CFPA disciplines.
- **Service-Learning:** Students within the College of Fine and Performing Arts, along with WWU faculty, bring their learning in the classroom into the community through various service-learning projects. To date, the CFPA has worked with over 30 schools, business and not-for-profits to provide hands-on learning with the arts that enhances education and a sense of community. Some examples of these projects include a mural project with the Lummi Nation, working with Fairhaven Middle School Students to write and perform monologues, and conducting a juried community art show with Blaine High School.
- **Youth Outreach Initiative:** A Collaborative program between the Center for Service-Learning and Woodring College of Education that links more than 200 teacher education students with 12 local elementary, middle and high schools and four non-profit agencies in the community. These mentors and tutors provide one-on-one or small group support for over 650 K-12 students through more than 4000 hours of service annually. At our partner sites we support youth who are: English Language Learners; enrolled in special education; adjudicated youth; pregnant teens or new mothers; working in special programs designed to help them think about college; working toward a general education degree; engaging in community service projects; or demonstrating low literacy skills.
- **Student Teachers Enhancing Possibilities (STEP):** The STEP Project is a program for recruiting traditionally underrepresented students to higher education. In partnership with P-12 schools, Western teacher education students provide mentoring and tutoring to support and encourage aspiring first-generation college students. Through the program, Western's future teachers "open eyes and doors" to higher education for students and their families throughout the state while developing the knowledge and skills to support future generations of students in their classrooms.
- **Today's Students, Tomorrow's Teachers (TSTT):** To recruit students from under-represented populations, especially students of color, to college and to the teaching profession, TSTT enrolls high school students in a summer academy, mentors students during their senior year of high school, and provides advising and academic support for college enrollment. TSTT partners include Woodring College of Education, North Seattle Community College, Seattle Public Schools, Campana Quetzel, YWCA Black Achievers Program, Seattle Urban Academy, Seattle MESA, and the Homewaters Project.
- **Teacher Education Promise Scholars:** Through this program, we recruit students from under-represented populations who aspire to enter the teaching profession. These students receive two-year scholarships during their freshman and sophomore years and targeted mentoring and tutoring for college success.
- **Youth 4 REAL:** Supported by a grant from the Whatcom Community Foundation, this partnership with Bellingham School District provides a unique mentoring program for approximately 60 disadvantaged middle school students each year. The program matches WWU teacher education students with middle school students to develop leadership skills, create access to safe learning environments, build relationships, and engage students in community action projects.

- **Latino Leadership Project:** In partnership with the Washington Latino Business Council and Whatcom County Big Brothers-Big Sisters, this program matches WWU teacher education students with elementary, middle, and high school students to provide academic mentoring and tutoring.
- **Mt. Baker School District Summer School:** In partnership with the Mt. Baker School District, the Woodring College of Education supports a summer program in the district that provides academic tutoring for elementary and middle school students who have scored below standard on one or more sections of the WASL. Through this program, approximately 225 students receive targeted academic support each summer.
- **Curriculum Integration for Responsive Cross-Cultural Learning Experiences (CIRCLE):** Through a partnership with the Nooksack, Lynden, Mount Baker, and Ferndale school districts and OSPI, Woodring College of Education faculty and students provide mentoring and tutoring for college success to English language learners in the North Puget Sound Region.
- **Foster Care Teen Mentoring Project:** This partnership between the Department of Child and Family Services, and the Woodring College of Education's Human Services program matches high school juniors in area schools with teens in the foster care system for mentoring and attending events on the WWU campus.
- **Center for Family Supportive Schools and Communities:** Housed in the Woodring College of Education, the Center provides expertise and resources to assist families and communities in supporting the academic success of P-12 students. The Center is supported through a partnership between the Children's Home Society of Washington/Parent Information Resource Center, Washington Alliance for Better Schools, Washington State Family Policy Council, Northshore/Shoreline Health and Safety Community Network/Family Policy Council, and the HumanLinks Foundation.
- **Pacific Northwest Children's Literature Clearinghouse:** Through a partnership with over 40 publishers, the Woodring College of Education provides high quality children's books to schools and non-profit organizations along with literacy tutoring and mentoring for school success.
- **SWEA Read Across America:** Coordinated by the Student Washington Education Association in the Woodring College of Education, over 200 volunteers from WWU and the community visit area schools each year to lead book readings and mentoring sessions in P-12 classrooms.
- **Reading for Success:** Federal work study monies are used to place WWU teacher education students in P-12 schools to tutor students in reading and to provide mentoring for college. The Woodring College of Education collaborates with Western's Office of Financial Aid on this program.
- **TeachWashington Noyce Scholarships:** The primary goal of the *Teach Washington* Noyce Teacher Scholarships Program is to contribute to a larger vision to permanently increase the number of secondary mathematics and science teachers prepared at Western Washington University without sacrificing the proven quality of our graduates. It is a joint project between the Woodring College of Education and the College of Sciences and Technology. We will award seventy-five Noyce Scholarships to recruit forty additional STEM majors in their junior and senior year and/or STEM graduates or professionals who are making a career change to become mathematics or science teachers. We will focus on three activities to build demand for the scholarships, and work with a recruiter from the admissions office dedicated to the project to coordinate recruitment efforts: 1) Prepare and support 85 students over five years to receive summer internships teaching mathematics and science at the Meridian and Mount Baker school districts. Both districts have an agreement with WWU to place qualified freshman and sophomores who are interested in STEM majors in their summer

school system, primarily to assist students needing science and mathematics remediation. The intention is that many who have not considered teaching to be a career choice may do so as a result of these internships, because they will provide an early opportunity to teach students in a supportive and structured academic setting. After completing a summer internship, students will be eligible to apply for Noyce Teacher Scholarships. 2) Recruit junior and senior STEM undergraduates. On campus, we will initiate aggressive recruitment and clear advising of current STEM majors who have not declared a teaching interest. We will work with local community colleges to recruit graduates pursuing a STEM major, and to identify candidates from under-represented groups. 3) Recruit STEM professionals who are considering a career change or have been or may be laid off, to consider teaching as a second career. We will foster relationships with area companies' human resources departments to attract professionals who have the interest and ability to become teachers.

- **North Cascades and Olympic Science Partnership Master Science Teachers:** Twenty regional K-12 science teachers are supported over three years to engage in three projects: 1) Assemble a K-5 elementary science curriculum for the Bellingham School District and create the professional development resources necessary to implement the curriculum in the schools. 2) Work with WWU and community college faculty to expand and complete the biology and geology materials created for future elementary teachers and prepare them for commercial publication. 3) Assemble and synthesize the research on student teacher mentoring and new teacher induction along with the relevant resources and tools that are available and adapt the research, resources, and tools into a set useful for teachers who will mentor student teachers and for learning communities that will be responsible for new teacher induction. They will also work collaboratively with NCOSP staff and peers to develop and test professional development materials to implement the mentor training and induction programs in K-12 schools. All of the Master Teachers will participate in two-week summer seminars and regular (after school or occasionally Saturday) meetings during the academic year and participate in program related research and evaluation activities including presentation of work at professional meetings.
- **College Readiness in Science Partnership:** CRISP is a three-year, \$776,000, grant funded by the HEC Board involving 39 middle and high school science teachers and 7 principals in three school districts. The partnership will 1) improve students' science content knowledge and habits of mind that will enable them to succeed in post secondary education and 2) increase teachers and administrators understanding of effective science instruction and the support necessary for high functioning professional learning communities.
- **Sustaining Partnerships Enhancing Collaboration K-8:** SPECK-8 is a three-year, \$746,000, state math science partnership grant involving 75 K-8 teachers and 15 principals in four school districts. The partnership will 1) increase administrators' knowledge, dispositions, and practices to create and sustain effective science professional learning communities, 2) increase teachers' knowledge, skills, and dispositions needed to improve their instructional effectiveness and participate effectively in science PLCs, and 3) increase all students' science content knowledge and decrease the achievement gap.
- **College of Sciences & Technology:** Various outreach programs including mentoring elementary, middle and high school students in research and science fair projects; hands-on activities in the classroom for pre-school through high school teachers; Grandparents U program on marine biology, sounds of volcanoes; Korean Science Teacher Program; outreach programs on marine biology at Shannon Point Marine Center; science fair; tours of the Advanced Materials Science and Engineering Center (AMSEC) which included elementary and middle school; an AMSEC materials science college quest course on renewable energy for grades 10-12; materials science demonstrations by AMSEC staff at the Mt. Vernon High School science night; a one week college quest course to high school on renewable energy; middle school girls day to learn about WWU and opportunities in the sciences; boy scouts merit badge composites; Sleep Over with Science 3-6 grade: Girl Scout merit badges CSI and

Space Science; family adventure program, earthquake presentations; North Cascades and Olympic Science Partnership (NCOSP) teacher education workshops in physics content immersion and modeling of pedagogical techniques for K-12 teachers; elementary school field trips; tours of geology facilities for K-8 students; workshops; MathNexus web site averaging approximately 4000 hits weekly; featured speakers at many schools in the area. 'Computational Physics: Pushing the boundaries' A Western Scholars Invitational presentation given to 70 High school Juniors. Geology Geowalls demonstrations. A two week professional development program for Seattle Public Schools high school teachers on improving teachers' knowledge of chemistry through content immersion experiences. Faculty participation in Mt. Vernon High School Science Night.

- **Science and the univerCity:** As part of the university community science lecture series, lectures are held in a community venue in Bellingham and are open to the public. Advertising efforts include local high schools; as a result, one-third of the audiences are typically made up of high school students.
- **Biofuels Project for Sequester Carbon Dioxide:** Culminating project of three Bellingham High School students – design and technical support for a biofuels project for sequester carbon dioxide: provided chemistry material and worked with the Biology for biological samples; students won the Technological Challenge division at a statewide, clean-fuels competition at Washington State University (<http://imagine.wsu.edu/2008/winners.aspx>).

Sehome High School Chemistry Class Visit: Our Chemistry Club was contacted by the AP chemistry teacher of a neighboring high school asking if they could visit our campus and building. The class will be visiting WWU later this spring (June 3rd). Club members will tour the high school students through our chemistry facilities, including tours of our NMR, XRD, GC/MS, SEM, and ICP-MS facilities. High school students will have an opportunity to talk with club members about the chemistry program at WWU and general college life. If time permits, the high school students will attend a chemistry class lecture. A number of the students in the AP chemistry class are members of the ACS affiliated Sehome High School Chemistry Club.

- **Happy Valley Elementary School Science Fair Kick-off Assembly:** Club members prepared and demonstrated a series of science experiments for all elementary school students, teachers, and some parent volunteers at Happy Valley Elementary School in Bellingham, WA. The goal of the demonstrations was to teach students about gases, liquids, and solids, and to encourage them to participate in their subsequent science fair. This has been a regular activity for the club each year, coordinated by the students and a faculty member, with student affiliates planning their own demonstrations. The theme for this year's demonstration was "What is Science?" Club members did demonstrations on math, physics, chemistry and biology. These included a PowerPoint slideshow on fractals, igniting inorganic compounds to demonstrate a chemical reaction, propelling a student with a fire extinguisher, and inflating a pig lung. This program has helped the school to increase the number of students participating in the science fair.
- **Happy Valley Elementary School Science Fair:** Club members volunteered at a local elementary school science fair (1st through 5th grade). Students judged poster presentations and offered feedback and encouragement to students. The primary objective of this activity was to encourage the elementary students to pursue science and ask questions. The club has participated in this event for four consecutive years and it is now a regularly scheduled annual service activity. In addition, each year the number of student volunteers for this event has increased.
- **Science Mentoring Program:** In the month prior to the Science Fair, club members went twice a week to the neighboring elementary school, where they assisted students (K-5) with their projects. The idea behind this program was that any students who enjoyed science could receive assistance on their

project even if they did not have the support at home. It also gave students time during their regular school day to work on their project. Club members helped to teach the scientific method, brainstorm ideas, collect data, showed how to keep a lab notebooks, and helped to create reports.

- **Girl Scout Chemistry Workshop:** Club members planned and developed science activities for an activity day with local middle school and high school Girl Scouts. Participation in the event satisfied the requirements for earning a Chemistry Interest Project Patch. Activities included the chromatography of glow sticks, denaturing of egg proteins, observations of chemical reactions, SEM, observation of flame atomic absorption, and a discussion about women in science. The girl scouts also received an introduction to five subject areas of chemistry. See supporting documents for pictures from this event.
- **Wizards @ Western:** The *Wizards* programs, designed for students in grades 5-9 and their parents, are offered once each quarter of the academic year on Saturday mornings on the Western campus, and presented by faculty members from CST. Each show is designed to be a mixture of entertainment and serious science, presented in a way to engage and involve all members of the audience.
- **Chemistry for Kids:** The Chemistry Club invited a fourth grade elementary school class from Happy Valley Elementary School in Bellingham, WA to come to campus and participate in demonstrations and activities. Demonstrations and activities for this event included: non-Newtonian fluids, synthesis of nylon, acid/base analysis of common household chemicals, and finally the science of liquid nitrogen ice cream. See the supporting documents for a photo of one of the activities.
- **Summer Camp:** Computer Science summer camp for middle and high school students; Association for Women in Computing hosted middle school students on computer game development.
- **Fourth Corner Math Summit:** Summit that brought in teachers and administrators involving Whatcom, Skagit, Island and Snohomish counties.
- **Family Math Nights:** Several times during the year our pre-service teachers in the Math 380 series have the opportunity to serve the community by hosting Family Math Nights. We are invited to schools and bring along interesting and worthwhile math activities for the parents and the elementary children to engage in together. Our help is most appreciated by schools that are just beginning to offer Family Math Nights.
- **Math Trails:** The elementary preservice teachers and the faculty of our Math 380 series create and lead Math Trails on WWU's campus for visiting classes of elementary children. A Math Trail uses the mathematics inherent in the environment or architecture as a source of mathematics problems and investigations. These active Math Trails help to emphasize that mathematics is all around us. During the 2008-2009 school year we offered trails for grades 2-5.
- **Planetarium Shows:** Shows for K-12 students from regional public schools and home-school associations. Provide scientific astronomy programs and storytelling of folklore of the night sky. Opportunities present to discuss physics and astronomy programs at Western generated by participant interest and questioning. Astronomy student presenters model engaged and enthusiastic Western students in their program of study.
- **SOS – Sleeping Over with Science:** Students in grades 3 – 6 spend an evening exploring science, followed by a supervised sleepover in Western's Learning Resource Lab. This program introduces them to the wonders of the science world and provides a fun learning experience.

- **Destination Graduation:** Is an intervention program that serves students who have stopped out of the university system for more than one year after earning more than 140 credits. Many of these students have abandoned their education due to health, family or financial crises. We contact these students and provide Former Student Returning (FSR) application assistance, personalized academic advising, fee waivers (for income-qualified students), financial aid resources, a support team of peers and advisors. Destination Graduation has a very high success rate. Annually, more than 30 students—students who have typically abandoned university and given up on graduation—graduate through the program.
- **College Quest - What's college life really like?** This pre-college program provides students with the opportunity to experience university life, from dorm to classroom. Ambitious high school students entering grade 10-12 complete a real college course, gain valuable tools for success in college, information, and form social connections that come with life in a residence hall. College Quest bridges the gap between high school and college and starts students on a path to personal, educational and career success. An example is the summer program in Criminal Law offered by Fairhaven College of Interdisciplinary Studies targeting immigration law, drug laws, free speech laws which interest many high school newspaper editors. Another example is the Animation programming course, offered by the Computer Science department, in which students are introduced to the principles of object-oriented programming while working with graphical animation.
- **Multicultural Initiative in the Marine Sciences:** Multicultural Initiative in the Marine Sciences Undergraduate Participation (MIMSUP) program is a federally-sponsored effort to increase the participation in the ocean sciences profession on the part of members of racial/ethnic groups considered by the National Science Foundation (NSF) sponsor to be under-represented in the ocean sciences. Eight students from WWU and from around the nation spend the Winter and Spring Quarters at SPMC taking courses, learning about the ocean sciences profession and engaging in independent research. Since 1994, an outreach component has been carried out in conjunction with the Anacortes School District in which students visit local elementary school classrooms. The MIMSUP students are organized by an Outreach Coordinator into two teams and each classroom receives two visits from one team on two consecutive weeks. The Outreach Coordinator presents several training sessions during the first two weeks of the Winter Quarter to prepare the MIMSUP students for the classroom. The training includes both preparation on the substance of the lesson plans (tidal zones, shore habitat, plankton) and instruction on teaching techniques for the target grades. At the conclusion of the Winter Quarter, a formal evaluation solicits information from the MIMSUP students and the school teachers, with a summary report prepared by the Outreach Coordinator. In addition to teaching marine science, MIMSUP participants also use their time in the classroom to share their cultural heritages with the school children. Evaluations from students and teachers and from the MIMSUP participants have been overwhelmingly positive.
- **Women's Debate Institute:** As the public relations director for the Women's Debate Institute, Rae Lynn Schwartz-DuPre promotes the academic community of Western Washington University to high school girls nationwide. Each year she takes part in a college preparatory workshop in which she informs students of post-secondary opportunities available at Western Washington University, provides application materials, and answers questions regarding our community.
- **The Western Debate Union:** The Forensics director and staff conduct outreach to high schools for CASCAID, an annual peace and social justice spring conference held at Western. There are workshops targeted at high school students, and the Forensics staff and students have promoted the event in the local schools. The Forensics staff coordinated with the "VISTA" volunteer from the Whatcom County Human Right Task Force in the high school outreach effort.

- **National History Day:** Western Washington University hosts approximately 125 students, 25 teachers and 100 parents and 75-80 volunteer judges for National History Day. The history department through its foundation helps with the cost of lunch and sometimes parking although much of the cost is reimbursed by NHD. We employ 10 history/social studies students as volunteers and aid with the logistics. High School Teachers present research projects and win prizes.
- **Se habla / On parle:** Modern and Classical Languages students in Spanish and French work with local high-school teachers to engage their students in conversation. This initiative is called “Se habla” and “On parle,” depending on the language being used. The experience is appreciated by Western students who hope to teach or simply wish to share their cultural and linguistic experiences with younger students interested in learning languages.
- **Conversation Tables:** The French, German and Spanish programs all offer Conversation Tables in Bellingham to local speakers of these languages.
- **German Play:** German language students perform a play in German on a yearly basis and they invite high school students from the area to attend.
- **German Exhibits:** German professors work with the Goethe Institute on exhibits that travel to various cities and schools.
- **Junior Ski to Sea:** This annual event coincides with the Ski to Sea Race, hosted by the city of Bellingham. The Junior Ski to Sea event involves hundreds of elementary and middle school students who compete in a team race. Students in the P-12 Physical Education and Health Program (Department of Physical Education, Health and Recreation) assist in administering the event each spring.
- **All City Fifth Grade Track Meet:** This annual event involves every fifth grader in the Bellingham School District. Students in the P-12 Physical Education and Health Program (Department of Physical Education, Health and Recreation) assist in administering the event each spring.
- **Elementary Physical Education Practicum:** P-12 Physical Education and Health students enrolled in PE 341p spend one quarter in the public schools, teaching and assisting with elementary physical education. Each student makes two school visits per week, at two separate schools. At one school, he/she teaches the physical education class for an elementary educator, while at the other school, students assist the physical education specialist.
- **Middle School Physical Education Practicum:** P-12 Physical Education and Health students enrolled in PE 440p work with a cooperating teacher at a local middle school assisting with instruction and supervision of students for a total of 20 clock hours (2 hours per week) during the fall quarter. During this experience students provide assistance to the cooperating teacher, teach mini-lessons and teach one full lesson by themselves.
- **High School Physical Education Practicum:** P-12 Physical Education and Health students enrolled in PE 441p work with a cooperating teacher at a local high school for a minimum of two hours per week each week during the spring quarter. During this experience the students provide assistance to the cooperating teacher, teach mini-lessons and teach one full lesson by themselves.
- **Adapted Physical Activity:** P-12 Physical Education and Health students enrolled in PE 443 assist with the Special Olympics Spring Festival held in Marysville, WA; design and administer activities for the annual “Play-Day” for the 4-5 year-old children attending Western Washington University’s Daycare;

assist with the Arne Hanne Adapted Aquatics Program and provide assistance to physical education teachers in school-based adapted physical education courses.

- **PhUn (Physiology Understanding) Week:** collaboration between the American Physiological Society and Western Washington University's Exercise Science faculty. Classroom presentations and demonstrations are given by faculty to students in middle schools and high schools in the Bellingham School District.
- **Digital Story Collaboration:** Anthropology students joined seventh graders from Whatcom Middle School to help them make digital stories (short 3 -4 minute "movies" that utilize images, spoken narration and music) around the theme of community. The anthropology students made their own digital stories about community as a way to prepare for mentoring the seventh graders and to explore their own experiences of community. One highlight of the collaboration was a fieldtrip to campus by the seventh graders, hosted by the anthropology class. Another highlight was a celebration at the end of the quarter when the seventh graders friends and family viewed the completed digital stories. The course itself was designed to create stronger ties between the campus and the larger community. Several local businesses contributed equipment to the project.
- **Collaboration with Lummi High School:** A team of Western Students enrolled in Applied Anthropology collaborated with Lummi Nation High School students and staff to plan and open a student run store. The student operated store was developed to meet a diverse set of stakeholder interests; ranging from improving the educational curriculum on economics, to improving student's healthful food choices, attendance following lunch and as a way to boost student morale using a token rewards system for exemplary behavior and achievement.
- **Communication Sciences and Disorders:** The Dept. of Communication Sciences and Disorders at WWU continues to support and be supported by Speech-Language Pathologists (slps) in the schools in the State of Washington. One of the most critical areas of support for the school districts is the strong school-based preparation program offered by the department. Students are provided with opportunities to complete courses required by the Office of the State Superintendent of Public Schools as well as participate in school-based internships, along with or in addition to placements in other settings. As well, assistance with coordinating the local school-based slps network is provided through the department's internship program.
- **CSD Service Learning:** Students in the Communication Sciences and Disorders Department go to Northern Heights Elementary School once a week for ten weeks as part of their audiology minor. Under the direction of a speech-language pathologist and faculty member, students tutor children with communication disorders such as hearing loss, autism spectrum disorder, language impairment, and reading disability.
- **Brains in the Classroom:** Faculty and undergraduates in Western's Behavioral Neuroscience Program visited science classes in Bellingham-area high schools and elementary schools to discuss brain-and-behavior topics that ranged from how we see our world to the neural substrates of drug addiction. In addition, we taught almost 1000 King-County area students about "Your Visual Brain" as part of the University of Washington's annual Brain Awareness Week public school outreach.
- **Counseling Training Clinic Outreach to K-12 Students:** The WWU Counseling Training Clinic offers free counseling sessions to children and adolescents as part of the training program for the School Counseling and Mental Health Counseling Masters programs. Each winter we seek referrals from K-12 school counselors and administrators. Children and youth are served through individual and family counseling from January to June. One well-developed partnership is with the Sedro-Woolley

School District/Job Corps program. Last year, nearly 20 Job Corps students obtained individual and group counseling in the WWU Counseling Training Clinic.

- **Life Sciences Research Weekend:** With colleagues in Seattle, Professor Jeff Grimm of the Psychology Department provided outreach at the Pacific Science Center in November at Life Sciences Research Weekend with an activity booth on sugar and animal models of addiction. Professor Grim also provided outreach to 7 chemistry/biology classes at Garfield High School addressing sugar, diabetes, and brain reward pathways.
- **Psychology 332 Site Outreach:** Students in Dr. Kate McLean's class spend 12 – 15 hours per week at one of the sites listed below as part of their coursework.
 - **Sterling Meadows:** Mentor youth, engage in activities with youth, and assist youth with homework in the community center. Design activities for youth with the goal being to create opportunities where the youth can feel some agency, responsibility, and pride in themselves and their community, and to connect with the community of Bellingham.
 - **Youth Justice Center:** The aim of this project is to engage the youth in appropriate topics of discussion (e.g., goals, self) so that a dialogue between the youth and 332 students can be created so that they can each learn from each other. 332 students spend one work crew day with the youth, and then attend the classroom activities, so that 332 students can observe differences between classroom and work crew behavior. 332 students are responsible for implementing one project in the classroom.
 - **Boys and Girls Club:** The aim of this project is to engage the youth in appropriate topics of discussion (e.g., goals, self) to create a dialogue between the youth and 332 students so that they can each learn from each other. 332 students work at the center for at least 12 hours, and implement at least one project at the center focused on responsibility, agency, or community involvement.
- **Programming:** Western Libraries offers programming for the regional K-12 schools of Whatcom, Skagit, and Island Counties. We provide research/instruction to public and private, middle and high-school classes from the three regional counties' schools, and History Day research for elementary, middle and high school groups.
- **Research Visits:** We communicate with feeder middle and high schools via email, letters and publicity distributed at the beginning of each school year to principles, school librarians and History Day coaches outlining how we might work with them in designing a useful research visit with their students and encouraging students to also come in on their own to do research.
- **Train the Trainer:** Western Libraries support History Day by conducting a "Train the trainer" workshop teachers, coaches, and students; preparing guides for the research, introduction and use of new and existing primary source resources at the Western Libraries. Last year we provided research visits and History Day theme based instruction to approximately 250 students.
- **Librarian Collaboration:** We meet with feeder school librarians to discuss how we can work together and promote research.
- **Admissions Outreach Efforts:** The Office of Admissions participates in a range of programs designed to increase K-12 students' awareness of higher education and Western Washington University. Specific outreach activities include targeted mailings, phone campaigns, college fairs, high school visits, and campus programs, such as Discovery Days and Western Fall Welcome.

- **Ethnic Student Center Outreach Efforts:** The Ethnic Student Center partnered with Admissions to reach out to K-12 students in the state, hosting numerous high school student visits and coordinating the Encounter Youth Conference, a day-long workshop for students of color designed to provide information about applying to and enrolling in higher education.
- **Financial Aid Outreach Efforts:** The Office of Financial Aid participates in a range of programs designed to increase K-12 students' awareness of higher education. Specific outreach activities include active involvement in university outreach/recruiting events, as well as financial aid information sessions at area high schools. The office also participates in College Goal Sunday, a 3-hour event that takes place in January and is designed to help high school seniors (and their families) complete the Free Application for Federal Student Aid.
- **Group Visits:** The Office of Admissions reaches out to K-12 students in the state by hosting group visits on the Western campus. Ranging from 15 to 150 people, these groups receive a campus tour, attend an information session about higher education and Western, and often eat lunch in the Viking Commons. Last year, the Office of Admissions hosted over 1,000 high school and middle school students through group visits.
- **Make It Happen! Summer Program:** Student Outreach Services participates in the Make It Happen! Summer program, in partnership with the College Success Foundation. The 4-day/3-night program is designed to reach out to students in grades 10-12 who are part of the state's foster care system, and help them "develop plans for success by teaching them how to go to college."
- **Migrant Youth Leadership Conference:** Student Outreach Services participates in the Migrant Youth Leadership Conference, in partnership with the Migrant Educational Regional Office (MERO) and the State Education for Migrant Youth Office (SEMY). The annual conference offers 100 youth in grades 8-12 with migrant backgrounds the opportunity to build leadership skills, overcome barriers, create action plans, and learn more about higher education.
- **Walking Campus Tours:** Western's Student Admissions Representatives (StARs) led nearly 2,600 prospective students through Western's campus, disseminating basic facts about the University. Student tour guides also shared personal stories of their Viking experience to ease prospective students' anxieties about the higher education search process. Tours were held on weekdays, selected Saturdays, and holidays
- **Washington State Achievers Program:** Student Outreach Services participates in the Washington State Achievers Program. Funded by the Bill and Melinda Gates Foundation and managed by the College Success Foundation, the program offers mentoring, academic support, and scholarships for economically disadvantaged high school students with high potential. In 2009, a 4-day/3-night Achievers College Experience (ACE) summer program helped high school juniors and seniors acquire the "information and resources they'll need to be successful students," and provided an opportunity to experience on-campus life. The program included admissions presentations, academic sessions, and a college resource fair.
- **Western Scholars Invitational:** A 3-day/2-night program for high-achieving high school juniors coordinated by the Office of Admissions, the Western Scholars Invitational provides students an opportunity to experience campus life; explore academic and extracurricular programs; and interact with Western faculty and staff, current students, and alumni.
- **Youth Programs:** Intercollegiate Athletics and Campus Recreation Services offered a range of programs targeting K-12 students – including sports camps, clinics, lessons; hosted tournaments; the

Jr. Viking Club and Ball-Boy/Girl program; internship programs; summer programs; and participation in community service activities, such as Make-a-Wish, Food for Tots, Kids Toy Drive, and Kids Book Drive. All programs provided students (and their families) with the opportunity to visit Western's campus, as well as to interact with students, faculty, and staff.

- **KUGS 89.3 FM:** The Associated Students radio station, JUGS 89.3 FM, partnered with the American Museum of Radio and Electricity to host participants in Camp AMRE, a summer program for 11-15 year old girls. While on campus, participants had an opportunity to tour JUGS, discuss the role the station plays in the current media environment, and record a Legal ID in the KUGS production studio. The station also offered tours – throughout the year – to members of local cub scout and boy scout troops, as well as students from area middle schools.
- **Prevention and Wellness:** Members of the Lifestyle Advisors' Positive Body Image group partnered with area schools to provide age-appropriate presentations about nutrition, positive body image, dieting and exercise. In 2008-09 students visited Central Elementary School (Ferndale), Meridian Middle School (Lynden), Vista Middle School (Ferndale), Squalicum High School (Bellingham), and Bellingham High School.
- **Huxley College of the Environment:** Various outreach programs including job shadow; Shannon Point Marine Center tours and talks to boy scout troupes and cub scout packs, middle school and high school students; guest lectures at local schools; butterfly monitoring with group of K-12 students; wildlife fieldtrips for diverse groups of students to the Deming Homestead Eagle Park, in conjunction with the Whatcom Land Trust; Western students observing and volunteering in K-12 classrooms and overnight camping programs for high school students.
- **LEAD Seminar:** Environmental Educational program that connects Western students with local middle and high schools doing outdoor environmental programs in the region.
- **Liam Wood Flyfishers & River Guardians:** Liam Wood Flyfishers and River Guardians In partnership with the Nooksack Salmon Enhancement Association and Fourth Corner Fly Fishers, Western faculty have continued to reach out to at risk middle school and high school youth through a stream ecology and conservation curriculum taught as a fly-fishing class. Students at Timer Ridge High School, which serves the rural schools of Whatcom County as an alternative learning experience, participated in the six-week curriculum. In the previous year students at Homeport, which serves Bellingham and Ferndale, were provided with a similar experience.
- **Climate Change on the Bering Sea Ecosystem:** As part of NSF-funded research in the Bering Sea, during research aboard the USCG icebreaker Healy, Environmental Science faculty participated in two international Polar Year live events. The first event involved discussion with approximately 100 students from Oyster Bilingual Elementary School in Washington, D.C., and students from other schools across the country. The second event, enabled students from the Seattle Science Center Discovery Corps program to ask faculty questions about their Bering Sea research. The faculty also participated in the NSF-funded Polar Discovery Program and contributed material to the Polar Discovery Program blog, which was followed by several school groups around the U.S.

APPENDIX

ADDITIONAL REPORTS BY THE UNIVERSITY OF WASHINGTON

University of Washington
Office of Minority Affairs and Diversity (OMA/D)
Washington TRIO Expansion Program (WaTEP)
2008-2009 Program Report

Introduction

The University of Washington OMA/D WaTEP program is designed to increase the retention and graduation rates of low-income and first generation college students. Program participants are offered a wide-range of academic and social support services to accomplish these goals.

Student Selection

A total of 250 low-income and first generation students were targeted to participate in the program from a pool of economically and educationally disadvantaged students in the Educational Opportunity Program (EOP), and other OMA/D programs. Participants are selected based on TRIO eligibility-criteria.¹ Eligible participants are invited to apply and have to officially accept enrollment into the program. These students are formally recognized as WaTEP Scholars.

Program Services

WaTEP Scholars have access to a variety of services during their freshman and sophomore years at the UW.

Freshman Year

- Welcome Orientation and Reception
- Workshops (honors involvement, scholarships, study abroad, academic & social networking, and graduate school preparation)
- Internship and career seminars

Sophomore Year

- Sophomore Seminar class
- Workshops (getting into majors/departments, study abroad, and undergraduate research)

In addition, WaTEP Scholars can enjoy the wealth of services in OMA/D (e.g., advising and counseling, instructional support, and social/cultural development) to complement the targeted programmatic components available to each participant. WaTEP Scholars also joined a listserv called *BeFirst* that provided updates and information (e.g., course openings, advising notes, events, lectures, and open houses on campus, scholarship and financial aid, and study abroad opportunities) of specific concern to this population of students. This comprehensive approach enables these scholars to have a successful undergraduate experience on our campus.

2008-2009 Program Year Outcomes

The legislature established a retention rate of 85% for WaTEP participants. The program achieved a 93.1% retention rate for the first year of the program (2007-2008), and preliminary estimates indicate that 97% of WaTEP participants completed the 2008-2009 academic year. Official retention data for the 2008-2009 academic year will not be available until the 10th day of the Autumn Quarter 2009 when the registrar's office provides a summary of returning students who enroll for the next academic year.²

Participants Demographics and Performance—The program served 239 students during the 2008-2009 academic year. Of these students, 96 were male and 143 were female. The ethnic distribution of

¹ Staff utilized the annual federal TRIO income guidelines to evaluate low-income status. Income information was cross-referenced with Financial Aid Award information on the UW Student Database. First generation status was determined based on the UW admissions application question that asked students to report on parental educational level.

² We anticipate that we will surpass the 85% retention threshold when the data becomes available in Autumn.

participants included: 64 Asians, 52 Blacks, 23 Caucasians, 12 Filipinos, 7 Hawaiian/Pacific Islanders, 61 Latinos, 15 Native Americans, and 5 who did not identify an ethnic/racial category. Of the 239 participants, a total of 174 were educationally/economically disadvantaged, 46 low-income, and 19 first generation college goers. The average cumulative GPA for the group was 2.79, with 52 students on the Dean's list during the academic year. The group also utilized the Instructional Center (16.8 visits per quarter) and the Counseling Center (2.2 visits per quarter) this past year.

UNIVERSITY OF WASHINGTON TACOMA

- **UW Tacoma High School Site Counselors:** Admissions advisers visit approximately eighty high schools primarily located in Pierce, South King, Kitsap, Mason, Jefferson and Thurston counties. Every high school receives a UW Tacoma counselor information packet, mailings, campus update, email broadcasts to counselors, students, and invitations to appropriate campus events. There is some additional outreach to other parts of the state. We also participate in numerous college fairs sponsored by schools and colleges, as well as regional and national associations.
- **Washington State Achievers Program:** This program, funded by the Bill and Melinda Gates Foundation, and managed by the Washington Education Foundation, provides mentoring, scholarships and academic support to economically disadvantaged students with high potential. The Achievers program will serve 5,000 students over ten years, ending in 2010. Students are selected during their junior year in high school and attend a summer college preparatory program at one of the state universities. In 2006, the Summer College Experience (ACE) was held at CWU. Approximately 500 new students per year enroll in Washington State colleges and universities. In the fall of 2005 the Washington Education Foundation received funding support to increase the early outreach strategies to provide college awareness, preparation and enrollment to targeted under-represented students, especially young males of color and other disproportionately under-represented students. The goal is to increase the numbers and percentages of these targeted groups in their scholarship application, high school graduation, and college enrolling rates. In addition, funding was provided to support other college access programs.
- **College Goal Sunday:** In January 2009 the University of Washington Tacoma hosted College Goal Sunday. This was our second year hosting the event on our campus. The objective of the event is an outreach service to the South Sound community focusing on the Financial Aid process for higher education. Financial Aid counselors were available to assist students and families with the Free Application for Federal Student Aid (FAFSA). All aspects of Financial Aid were discussed - application completion, budget and awarding guidelines, types of aid, and a focus on the scholarship application process. Information was also provided regarding state wide student services and admissions. College Goal Sunday is a state and national event. Universities and colleges provide this program with the intent of breaking down barriers to the aid process. U W Tacoma received good community support and a diverse population was served by this annual event.
- **Adopt a School Program:** In partnership with the Tacoma School District, collaborate with Jason Lee Middle School to enhance opportunities which expose and educate high-need minority students to the possibility of higher education using a variety of methods. Activities include: classroom observation and presentation; student-to-student mentorship opportunities; student interns; parent and family programming; cultural events.
- **South Puget Sound "Expanding Your Horizons" conference:** Sponsor this conference, which brings more than 350 middle and junior high school girls, their teachers and volunteers to campus to connect with female role models in STEM fields. UW Tacoma has sponsored this conference since 2003.
- **Math Science Leadership (MSL) Program:** This program is designed to encourage, motivate, and inspire students to pursue and succeed in science, technology, engineering, and mathematics (STEM)

fields by accessing higher education. It is open to students from 7th through 12th grade, and offers a four week summer session with monthly themed connections throughout the year.

- **Middle School Math collaboration:** A faculty member in math education partners graduate students in her math methods course with students in a local middle school. The graduate students visit the middle school, and the middle school students visit the University, and both groups of students engage in conversations about teaching and learning mathematics.
- **Statewide High School Counselor Workshops:** Participate in workshops in multiple sites across Washington each fall, to provide information on higher education opportunities and admission processes. These workshops are designed to assist high school guidance counselors and career specialists in the work they do with their students to assist them in becoming prepared for college. The workshops are sponsored by the Washington Council for High School / College Relations.
- **College Planning Day:** This program is held in the spring at nearly 30 sites throughout Washington and is designed to assist high school juniors in their college planning efforts. UW Tacoma is a host site and participates at other sites of this Washington Council-sponsored program, providing information about academic programs, admission processes, scholarship and financial aid opportunities to students during the school day. At some sites, evening programs are held so that families can attend.
- **South Puget Sound College Fair:** UW Tacoma hosts this fair for South Puget Sound high school and college students and their families. 20-30 schools participate annually in tabling and workshops about higher education opportunities, admissions processes and procedures, and financial aid. Attendance of students and their families is in the hundreds each year.

Boys and Girls Clubs of South Puget Sound: UW Tacoma hosted a group of high school seniors and their families from the South Sound clubs. Workshops were provided on financial aid as well as applying to college and writing the college application essay.

- **College Talk:** UW Tacoma participated in workshop for 11th grade semi-finalists and their family members at Lincoln High School. Agenda included discussing college options, staying motivated, and 12th grade considerations from a panel of presenters. Discussed education opportunities at UW Tacoma and providing recruitment materials.
- **Math Ambassadors:** Sixth through Eighth grade Math Ambassadors from McIlvaigh Middle School visited UW Tacoma to speak with students in the M.Ed. program about teaching fundamentals. Also discussed attendance at UW Tacoma, time management, the importance of math, and how college is attainable.
- **Tribal College Fair:** Attended and provided prospective high school students information about their UW Tacoma. Participants included Muckleshoot Tribal College, Muckleshoot Tribal School, various colleges and universities.
- **Multicultural Youth Summit:** Participant in this joint program between two high schools, aimed at increasing multicultural awareness and encouraging higher education pursuits. Included students in the HERO Program (Higher Education Readiness Opportunity), designed to increase college readiness for under-represented youth in the 7th, 8th, 9th, and 10th grade students in the academic middle - B and C students - who have the desire to go to college and the willingness to work hard but are falling short of their potential. Agenda

included gender specific break-out sessions, question and answer, student talent/fashion show, and college fair. College Success Foundation, HERO, Lincoln High School, Mt. Tahoma High School, various colleges & universities, school district staff.

- **Palmer Scholars Workshop:** UW Tacoma attended workshop for 12th grade students receiving the Palmer Scholars scholarship. This scholarship includes financial and mentor support and is awarded to ethnic minority high school students in the Tacoma School District. Discussions circled around various issues typically experienced by college students from ethnic backgrounds and included male and female break-out discussion groups.
- **Presentation for Foster Youth:** Presented information to potential incoming freshmen, discussed financial aid opportunities, reviewed application procedures. This presentation was given to foster youth, ages 14-18, who participate in the Independent Life Skills program. Event hosted by Pierce County Alliance.
- **Junior Achievement:** JA Worldwide is the world's largest organization dedicated to educating students about workforce readiness, entrepreneurship and financial literacy through experiential, hands-on programs. UW Tacoma staff facilitated a day-long workshop, teaching curriculum to a group of 6th grade students at Jason Lee Middle School. Subjects included math, budgeting, business, team work, and careers.
- **Professional Career Conference for Latino Students:** The United Latino Association at Highline Community College hosted a professional career conference for high school Latino students in the Federal Way School District. Agenda included a professional career panel, lunch, tours, "Latinos and the Importance of Education" workshop, and information tables. UW Tacoma hosted an information table and attended a workshop.
- **Federal Way High School AVID and UW Tacoma:** Workshop included Advancement Via Individual Determination (AVID) students. AVID aims to help underachieving middle and high school students prepare for college. Topics covered: scholarship searches, choosing a college, financial aid, and UW Tacoma information.
- **College Family Day:** This program was held in collaboration with the GearUP program (Gaining Early Awareness and Readiness for Undergraduate Programs), a program facilitated by The Evergreen State College. The day involved 6-8th and 11-12th grade students from the Clover Park School District, as well as their family members. Agenda included meals (funded by GearUP), college preparatory workshops for all ages, and a robotics presentation for 11th & 12th grade students. The robotics portion was coordinated by 3 UW Tacoma students from our Institute of Technology.