

FIRST ANNUAL

HEALTH CAREERS EXPO

A Guide to Washington State University Health Programs

- Neuroscience
- Nursing
- Pre-Medical, Pre-Optometry,
Pre-Dentistry,
Pre-Physical Therapy
- Pre-Pharmacy and Pharmacy
- Speech and Hearing Sciences
- Veterinary Medicine
- WWAMI Medical Education
Program



CUB JR. BALLROOM ~ FEBRUARY 23, 2009

EXPO SPONSORS

College of Sciences Advising Office • College of Nursing Advising Office
Office of Multicultural Student Services • Native American Health Sciences
WWAMI Medical Education Program

Welcome to the First Annual Health Careers EXPO
Monday, February 23, 2009
CUB Jr. Ballroom

Program Outline

11:30 **Registration and Refreshments**

11:30 **Informational Tables:**

To Visit and get your questions answered by invited participants: Pre-Health Advising,
2:30 Pre-Nursing, Speech and Hearing Sciences, and Neuroscience.

Featured tables: WWAMI Medical Education Program, WSU School of Pharmacy,
and the University of Washington School of Dentistry

Get your blood pressure and reflexes checked!

12:00 **Keynote Speaker**

David A. Acosta, M.D., FAAFP

Clinical Associate Professor

University of Washington School of Medicine

12:30 **Student Panel**

1:25 **Break-out Sessions**

Nursing

CUB L38

WWAMI

CUB Jr. Ballroom

Pharmacy

CUB 406

Speech and Hearing Sciences

CUB L37

Veterinary Medicine

CUB 204



February 23, 2009

Dear Student,

Thank you for joining us for the first annual Multicultural Health Sciences Careers Expo! Today you will have the opportunity to talk with representatives from various Health Sciences related areas and we hope that you will engage in conversations with them about reaching your career goals. One critical factor in students' success is utilizing the resources available to them, and today you will hear about the mentoring, tutoring and guidance available within the Health Sciences. You will also have the opportunity to hear from current students and recent graduates who may inspire you with their motivation to go into Health Sciences, or may encourage you to continue on with a challenging program, or may even open your eyes to a program you had yet to consider. Please feel free to ask questions, collect information, share tips with other students, and fully participate in this EXPO.

In addition, find in this document a brief but comprehensive guide to the wide variety of resources, services, and contact for individuals available to support you as you explore and/or pursue your education in any of the Health Programs at Washington State University. We encourage you to take the time to review it and to proceed to take full advantage of this resource.

This year's Health Careers EXPO Coordinating Committee hopes you will have a great and productive time at the EXPO!

Sincerely,

A handwritten signature in cursive script that reads "April Seehafer".

April Seehafer, Academic Coordinator
College of Nursing
509-335-2776 ~ seehafer@wsu.edu

A handwritten signature in cursive script that reads "Kay Brothers".

Kay Brothers, PhD, Sciences Advising Office
College of Sciences
509-335-4549 ~ brothers@wsu.edu

A handwritten signature in cursive script that reads "Robbie Paul".

Robbie Paul, PhD., Director
Native American Health Sciences
WSU Spokane
509-368-6884 ~ paul@wsu.edu

A handwritten signature in cursive script that reads "J. Manuel Acevedo".

J. Manuel Acevedo, Director
Office of Multicultural Student Services
Division of Student Affairs, Equity and Diversity
509-335-1071 ~ acevedo@wsu.edu

A handwritten signature in cursive script that reads "Francisco Saavedra".

Francisco Saavedra, MD, Multicultural Coordinator
WWAMI Medical Education Program
509-335-7312 ~ fsaavedra@wsu.edu

Native American Recruitment and Retention Program for the WSU Division of Health Sciences

Section 1.

Native American Recruitment and Retention WSU Division of Health Sciences for the programs in:

- College of Nursing
- Pharmacy, which includes Pharmacy, Exercise Physiology, and Nutrition
- Speech and Hearing
- Pre-med, pre-dental, and pre-optometry
- WWAMI
- Several other health science degree programs

The purpose of NARR is to increase the number of Native American students entering health science careers.

Section 2.

Resources: 1) Scholarships

2) Offer an Indian Health Service Scholarship Health Professions Workshop yearly

3) Counseling

4) Tutoring

Section 3.

Annually host the Na-ha-shnee Native American High School Health Science Institute. The purpose is to encourage Native American youth to experience a week long hands-on learning experience of the health professions. Try and use current Native American Health Science students as counselors and work with the students during the last week in June.

Section 4.

Contact Info:

Robbie Paul, PhD

Director for Native American Recruitment and Retention

WSU Division of Health Sciences

WSU Spokane

Academic Center, Rm 141B

PO Box 1495

Spokane, WA

e-mail: paul@wsu.edu

Phone: 509-368-6884

Neuroscience Program

Section 1.

Neuroscience Program
College of Veterinary Medicine

Description:

Washington State University's Program in Neuroscience is an interdisciplinary biomedical program featuring world-renowned faculty whose focus is in the cellular and molecular understanding of system biology issues.

WSU is among the nation's top tier of doctoral/research universities. Undergraduate students at WSU are immersed in active research programs with research expenditures of over \$100 million per year. The research emphasis of the neuroscience faculty include: neurobiology of sleep, body weight and energy balance, eating disorders and diabetes, cellular function and biophysics of muscle and related heart disease, memory, behavior, emotion and well-being, vision, reproduction, cardiovascular physiology, muscle physiology, motor control, cancer, neurochemistry, neuropharmacology, and addictions.

Neuroscience majors are pursuing career paths in human medicine, dentistry, optometry, pharmacy, veterinary medicine and research

Certification:

To certify in neuroscience, or declare neuroscience as your official major, students must have a 3.0 grade point average in the following courses: Math 140 or 171, Chem 105 and 106, Physics 101 and 102, Biol 106 and 107, and Neuro 301.

Section 2.

In the Neuroscience Program, our students are our most important asset and as such we work very closely with our students to mentor them through their academic and professional pursuits. Several programs are in place to help the student succeed such as the Neuroscience Club, which is run by students in the program and is very active both on campus and off; the NuTS program (Neuroscience Undergraduates Teaching Students), where upper class junior and senior students mentor incoming freshman and transfer students; Neuroscience Ambassadors, a select group of students who help recruit new students to WSU and who work with the program to provide educational outreach seminars to the public; and Neuroscience scholarships awarded to students at all stages of their education.

Section 4.

Contact for Program Information: Sandi Brabb, brabb@wsu.edu

Contact for Academic Services: Heather Cochran, hcochran@vetmed.wsu.edu

Nursing

Section 1:

Washington State University's College of Nursing (CON) was established in 1968 and is the first and largest public/private nursing education consortium in the United States. Our nursing program consists of two years of coursework (freshman and sophomore years) completed on the WSU-Pullman campus. The final two years of professional coursework are completed at the CON located in Spokane, Washington, or at one of the satellite sites in Yakima or Tri-Cities.

The College of Nursing is proud of its reputation for quality education. Bachelor of Science in Nursing (BSN) students who graduate from our undergraduate program consistently achieve one of the highest rates of passage of first-time candidates on the National Council Licensure Examination (NCLEX) for baccalaureate-prepared registered nurses in Washington state. Graduates of undergraduate and graduate programs are highly sought after for their excellence in nursing practice. Our job placement rate is near 100%, and many of our students have employment offers prior to graduation.

Admission to the College of Nursing is competitive. We rely heavily on students' nursing prerequisite grade point averages as well as overall grade point averages in making admission decisions. Students must have a minimum 2.80 GPA in their nursing prerequisite courses (listed below) as well as in their cumulative coursework in order to have their application forwarded to the CON for consideration. After being evaluated on their GPA, qualifying students are invited to Spokane for an interview. Offers of admission to the upper division nursing major are then determined upon the combined GPA and interview score. Although a 2.80 is the minimum GPA required, in order to be a competitive candidate we encourage students to aim for a 3.30 GPA or higher in both their cumulative and nursing prerequisite courses.

Section 2: Students must complete their General Education Requirements, along with the following 9 nursing prerequisites:

Sociology 101 - Introduction to Sociology **or** Sociology 102 - Social Problems

Psychology 105 - Introduction to Psychology

Statistics 212 - Introduction to Statistical Methods

Chemistry 101 - Introduction to Chemistry (Inorganic)

Chemistry 102 - Chemistry Related to Life Sciences (Organic/Biochemistry)

Microbiology 101 - Introductory Microbiology

Biology 251 - Introductory Human Physiology

Biology 315 - Gross and Microanatomy

Food Science and Human Nutrition 130 - Nutrition for Living **or** Food Science and Human Nutrition 233 - Human Nutrition

Section 3:

The CON encourages students to take advantage of the numerous tutoring options available on campus, including: utilizing the Science Learning Instructional Center, arranging a private tutor through the Center for Advising and Career Development, working with advisors, peer mentors, TAs and instructors, attending study sessions at the Math, Science and Engineering Residence Hall-Gannon-Goldsworthy. (These sessions are open to all students, not just those living in the residence hall.) Students who are interested in pre-nursing are also encouraged to join "Rho Nu" which is the professional and social organization for pre-nursing. These students organize volunteer projects, bring in guest speakers and coordinate peer study groups.

Section 4: If you would like additional information about our program please contact one of the pre-nursing advisors:

Peggy Peterson-Johnson
Senior Academic Coordinator
211 Smith Gym
PO Box 641425
Pullman, WA 99164-1425
peggpeterson@wsu.edu ~ 509-335-2776
(Based out of Spokane and Pullman)

April Seehafer
Academic Coordinator
211 Smith Gym
PO Box 641425
Pullman, WA 99164-1425
seehafer@wsu.edu ~ 509-335-2776
(Pullman based)

Pharmacy

Section 1:

The Washington State University Doctor of Pharmacy program is a professional degree program found in the College of Pharmacy. It is a 4-year program regardless of prior degrees; first two years of the program are offered on the Pullman campus only; the third year on the Spokane campus only, and the 4th year is the rotation year during which students may be placed in Spokane, Pullman, Vancouver, Tacoma, Yakima, or Tri-Cities.

Section 2:

The College of Pharmacy also offers:

Bachelor of Science in Exercise Physiology & Metabolism (offered in Spokane)

Masters in Health Policy & Administration (offered in Spokane)

Bachelors in Nutrition & Dietetics – *not admitting any new students.*

Masters in Pharmacology/Toxicology (research program offered in Pullman)

Doctorate in Pharmacology/Toxicology (research program offered in Pullman)

Section 3:

Students can find mentoring help through Kappa Psi, a national pharmacy fraternity.

Academic scholarships are also awarded through the college, and student loans are available through the regular financial aid channels.

The program is very competitive; we receive between 800 and 900 applications every year for 94 seats in the class. Pharmacy experience is necessary, as is a cumulative GPA above 3.0.

Section 4:

Contact information:

Marian McDonnell Horton, M.A.

Pharmacy Admissions

Wegner Hall 155

Washington State University

PO Box 646510

Pullman, WA 99164-6510

(509) 335-2016

admission@pharmacy.wsu.edu

www.pharmacy.wsu.edu

The Sciences Advising Office

Troy Hall Rm 305
PO Box 644432
Pullman, WA 99164-4432

Section 1.

Sciences Advising, located in the College of Sciences, provides advising and support for nearly all the pre-health students (**pre-pharmacy, pre-medical, pre-dental, pre-physical therapy, pre-veterinary (science), pre-physician assistant, pre-optometry or pre-chiropractic**). We meet with our students once or twice each semester to discuss professional school prerequisites, volunteer opportunities, information about certification requirements, as well as course scheduling. Some of our students have certified into their desired major while others are undecided. Our certified students meet with both an academic advisor who specializes in their major and with an advisor in our office. The Basic Medical Science students are advised in our office.

Section 2.

The Sciences Advising Office provides:

Individual academic advising

Advising for professional program preparation

Pre-Health orientation workshops

Pre-Pharmacy orientation workshops

Success in Science workshops

Team Mentoring Program

Gannon-Goldsworthy programming

Volunteer and shadowing contact

Reference library

Visits from selected professional schools

Mock interviews

Committee (composite) letter

Personal statement/comment review

Application review

Targeted List-serves

Advising to academic clubs - pre-pharmacy, pre-health, pre-dent, pre-pt

Application workshop

Section 3.

We want to see our students as soon as they have decided to pursue a career in health care. We can help you become better prepared by working with you over time. You should phone the office for an appointment, as we do not schedule appointments via email.

Section 4.

Contact for Program Information: Gloria Barker: gbarker@wsu.edu; 509-335-4549

Contact for Academic Services: Gloria Barker: gbarker@wsu.edu; 509-335-4549

Additional information is available: <http://sciences.wsu.edu/prehealth/prehealth.html>

Speech and Hearing Sciences

Section 1:

Major: Speech and Hearing Sciences

Minors: Speech and Hearing Sciences; Disability Studies

Degrees Offered: Bachelor of Arts in Speech and Hearing Sciences; Master of Arts in Speech and Hearing Sciences

Certification Requirements: Minimum 2.0 GPA and completion of 24 credit hours.

Speech and Hearing Sciences emphasizes the physiological, neurological, psychological and behavioral dimensions of normal development, the fundamental communication process, and disorders of communication across the lifespan. Both undergraduate and graduate curricula include multicultural and global perspectives. The academic teaching and learning culture is student-centered, research-based, and writing intensive.

The undergraduate program in Speech and Hearing Sciences is pre-professional and grounded in the liberal arts. The curriculum facilitates students' development of critical thinking, oral and written communication, problem solving, and computer literacy necessary for lifelong learning.

The graduate program, located in the Health Sciences Building at the Riverpoint Campus of Washington State University Spokane, combines the faculty and resources of Washington State University and Eastern Washington University to form University Programs in Communication Disorders (UPCD). The academic course work and clinical practicum prepare students for careers as speech-language pathologists who meet the diagnostic and therapy needs of individuals of all ages evidencing a wide variety of speech, language, hearing and learning problems in education and medical settings. The Hearing and Speech Clinic is the Spokane campus training facility for the graduate program. Opportunities to work with special populations in education and medical settings are readily available in the Spokane area. An internship program provides practical experience in medical and educational settings across the state and region.

The graduate program prepares students to meet the requirements for the American Speech-Language-Hearing Association's Certificate of Clinical Competence in Speech-Language Pathology and Audiology. State and national clinical and educational certifications require a master's degree. The graduate program in speech-language pathology is accredited nationally by the Council on Academic Accreditation of the American Speech-Language-Hearing Association and recognized at the state level by the Washington State Board of Education.

For more information: www.libarts.wsu.edu/speechhearing

Section 2. Professional mentoring and assistance in obtaining financial resources.

Section 3. A degree in Speech and Hearing Sciences can lead to various professions: speech-language pathologist, audiologist, social/human resource services, case manager, project manager, community development, health care administrator, and technical writer/editor.

Skills you can market with a degree in Speech and Hearing Sciences: Knowledge of human communication and its disorders, effective interpersonal skills, understanding of human behavior and development, interviewing skills, gathering, organizing, and evaluating data, effective written and oral communication, cultural awareness and sensitivity, critical thinking and problem-solving, ability to work solo or as a team member, and time management and organization.

Section 4.

Undergraduate program, Pullman and Spokane: Lauri Sue Torkelson, torkelson@wsu.edu

Graduate program, Spokane: Doug Stephens, stephend@wsu.edu

Veterinary Medicine

Section 1.

College of Veterinary Medicine --- Doctorate of Veterinary Medicine (DVM), MS, PhD, combined DVM/PhD, DVM/MS, DVM/MPH (Master of Public Health

Science/Math Requirements (WSU courses):

- Biology 106 & 107
- Organic Chemistry 345
- Genetics (MBios) 301
- Math 107 or higher
- Inorganic Chemistry 105 & 106
- Biochemistry (MBios) 303
- Physics 101
- Statistics 212, 412 or Psych 311

Other requirements:

- if NO bachelor's degree = English (3 sem. hrs.), Arts/hum/social sci (9 sem. hrs.), Communication (3 sem. hrs.), World civ/intercultural (12 sem. hrs.)
- Pre-veterinary & animal experience hours
- GRE exam

**See www.vetmed.wsu.edu/prosepectiveStudents.aspx for the most current requirements.

It is the sole responsibility of the student to complete all requirements.**

Section 2.

Big Sib mentoring program, Pass/Fail grading, study groups, numerous student clubs/organizations, 2 counselors on staff (mental and educational health), Student Progress Committee

Section 3.

The College of Veterinary Medicine was founded in 1899 and is one of the oldest colleges of veterinary medicine in the country. Four major buildings house the departments of veterinary clinical sciences, comparative anatomy pharmacology and physiology, and microbiology and pathology, along with the Washington Animal Disease Diagnostic Laboratory. The faculty and staff of the Veterinary Teaching Hospital are considered leaders in the field of veterinary diagnostic imaging. The well regarded oncology unit offers an active clinical service delivering medical and radiation oncology to a wide variety of companion animals. The hospital attracts a large and diverse caseload for the DVM educational program. The veterinary teaching program also allows for students to take advantage of numerous off-campus clinical opportunities in all areas of veterinary medicine. The college is a leader in the development of programs to promote and enhance emotional intelligence, leadership and communication skills.

The School for Global Animal Health, the first of its kind in North America, is serving as the centerpiece of the college's expanded research on animal diseases that directly impact human health. M.S. and Ph.D. degrees are offered by each of the three academic departments in the College of Veterinary Medicine. For those DVM students interested in gaining research experience, numerous opportunities exist, including the competitive Research Scholars Program, which is designed to encourage the exploration of research careers in veterinary medicine. A combined DVM-extended MPH degree program is available through a cooperative program with University of Washington.

Section 4.

Abbie DeMeerleer, Assistant Director of Admissions/Recruiter
abbiedem@vetmed.wsu.edu 509.335.5107

WWAMI Medical Program

Section 1:

Medical School at the WSU Campus? Yes, the WWAMI Medical Program.

Washington State University (WSU) and University of Idaho (UI) are members of WWAMI, a regional medical education cooperative program through the University of Washington School of Medicine (UWSOM). Students from Washington can complete their first year of medical school in Spokane or Pullman-Moscow. The states involved in the cooperative program are Washington, Wyoming, Alaska, Montana and Idaho, hence the acronym WWAMI.

The medical students in the program study the same medical courses offered at the UWSOM in Seattle. However, because of the smaller class size, the professors are able to give extra assistance and attention to students.

Students are eligible to enter the program after receiving a degree from a college or university. After they apply and are accepted to the University of Washington School of Medicine, Washington residents can attend WWAMI by choice or by appointment. All 2nd year students are schooled in Seattle. The 3rd and 4th year clinical rotations can happen at clinical training sites in any of the five WWAMI states.

Section 2:

WWAMI Multicultural: Recognizing the lack of underrepresented groups in the medical field and acknowledging a particular responsibility to those groups in which minorities are prevalent, we created the WWAMI Multicultural Programs Initiative. We are very interested in promoting a culture of inclusion in order to celebrate diversity and to provide academic and cultural enrichment in our environment. The WWAMI Multicultural Programs' new initiative is intended to create a culture of inclusion by:

1) Facilitating the identification, recruitment, retention, and professional development of individuals from underrepresented and/or disadvantaged backgrounds who are interested in pursuing M.D. or M.D./Ph.D. degrees; and 2) Disseminating the culture of inclusion by promoting and teaching multicultural issues to all students interested in learning how to be sensitive at both a personal and clinical level when providing healthcare to diverse groups in the US and abroad. In addition, support is available in the following areas: to provide individual counseling to medical students for both academic and nonacademic needs; facilitate access to the multitude of resources within our universities, region, community and abroad; and develop academic, informational, social and international programs for medical students throughout the year.

Section 3:

WWAMI Outreach: Aside from teaching first year medical students, WWAMI also offers programs for high school and college-aged students. These programs help prepare these students for applying to medical school, offer opportunities to participate in health career exploration, and educate students about health issues. We are working diligently to increase the diversity in our student body and provide opportunity for students wishing to serve their own populations and others as physicians. If you would like more information regarding the WWAMI Medical Program, please visit <http://www.wwami.wsu.edu>, pass by our office or send me an e-mail any time.

Section 4:

Francisco Saavedra, M.D.

Multicultural Programs Coordinator, WWAMI Medical Program

Clinical Assistant Professor, UW School of Medicine

Morrill Hall 112, Box 643510

Pullman, WA 99164-3510

~ E-mail: fsaavedra@wsu.edu ~ Voice: 509-335-7312

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Notes: