

Director's Message

These are exciting times for the field of biomedical informatics. On the clinical informatics side, the federal government and others are making unprecedented investments in the electronic health record and other information technology (IT) to improve health, healthcare, public health, and biomedical research. There is growing recognition that health IT can not only improve the quality, safety, and efficiency of healthcare and public health delivery, but also that it can empower patients and consumers. On the bioinformatics side, advances in genomics and proteomics as well as new emphasis on translational research promise to revolutionize our approaches to health and disease. The world of biomedical research has fundamentally changed, with experiments now generating massive amounts of data and researchers being required to interact with databases and other information resources to guide their work. Biomedical informatics is playing a key role in clinical and research areas, and there is great need for both informatics researchers to conceptualize and develop the new applications as well as informatics practitioners to implement them.

The OHSU biomedical informatics program is one of the largest of its kind in the world. In its decade and a half of existence, we have awarded 281 degrees to 272 individuals. We are recognized around the world for the quality and innovation of our program and the capabilities of our graduates. The 2010 awarding of \$5.8 million of funding for health IT workforce by the Office of the National Coordinator for Health IT (ONC) development validates our approach.

OHSU is Oregon's only academic health center. The OHSU main campus is located in the southwest hills overlooking downtown Portland, with spectacular views of the Willamette River, Mt. Hood and Mt. St. Helens. Portland is well known for its abundant offering of outdoor activities due to the close proximity of the Columbia River Gorge, the Mt. Hood forest system and the Oregon Beaches - all about an hour's drive. For those who cannot avail themselves of our splendid environment, distance learning is available. This option is particularly convenient for those who desire to maintain their current jobs or other situations during their course of study.

Vision and Mission

The vision of the Department of Medical Informatics and Clinical Epidemiology is to achieve excellence in research, education, and service in biomedical informatics and clinical epidemiology in order to improve human health, health care, and biomedical research. We fulfill our vision through our mission of leadership, discovery, and dissemination of knowledge in biomedical informatics and clinical epidemiology. Our mission includes educating and mentoring the next generation of researchers and professionals in biomedical informatics and clinical epidemiology as well as across disciplines. We also conduct research that advances our fields and pursue research opportunities consistent with our vision. In addition, we aim to provide our knowledge and expertise to improve human health, health care, and biomedical research in Oregon and beyond.

Primary Teaching Faculty Contact Information

Faculty Member	Office Number	Phone	Email Address
Ash, Joan	BICC 509	503-494-4540	ash@ohsu.edu
Boudreau, Eilis	VA	(503) 220-8262 , x 55361	boudreau@ohsu.edu
Chiang, Michael	CEI 5231	503-418-3087	chiangm@ohsu.edu
Cohen, Aaron	BICC 205	503-494-0046	cohenaa@ohsu.edu
Dorr, David	BICC 209	503-418-2387	dorrd@ohsu.edu
Eden, Karen	BICC 535	503-494-2456	edenk@ohsu.edu
Fletcher, Justin	BICC 407	503-494-4494	fletchju@ohsu.edu
Gorman, Paul	BICC 533	503-494-4025	gormanp@ohsu.edu
Hersh, William	BICC 517	503-494-4563	hersh@ohsu.edu
Jimison, Holly	BICC 510	503-418-2277	jimisonh@ohsu.edu
Krages, Kathryn	BICC 505	503-494-6058	krages@ohsu.edu
Logan, Judith	BICC 529	503-494-5902	loganju@ohsu.edu
McWeeney, Shannon	HRC	503-494-8347	mcweeney@ohsu.edu
Mohan, Vishnu	BICC 546	503-494-4489	mohanv@ohsu.edu
Sönmez, Kemal	Dept. of Sci. & Engineering	503-748-1635	sonmezk@ohsu.edu
Valerius, Joanne	BICC 026	503-494-6019	valerius@ohsu.edu
Wilmot, Beth	CR 145	503-494-7510	wilmotb@ohsu.edu

Administrative Staff Contact Information

Staff Member	Office	Phone	Email Address
Ilg, Andrea Program Administrator	BICC 504	503-494-2547	ilgan@ohsu.edu
Doctor, Diane Academic Advisor	BICC 504	503-494-4794	doctord@ohsu.edu
Lauren Ludwig Recruitment and Admissions	BICC 404	503 494-2252	ludwigl@ohsu.edu
Sakai Help Desk Distance Learning Support	SON 476	503-494-7074	sakai@ohsu.edu
Schwabe, Lynne Administrative Assistant	BICC 504	503-418-1566	schwabel@ohsu.edu

The Faculty and Their Research

The Department of Medical Informatics & Clinical Epidemiology consists of more than 60 faculty, including faculty with their primary academic appointments in the department, several from other departments with joint appointments in the department, and clinical faculty with informatics/epidemiology expertise who work primarily for companies and institutions outside the university. Faculty expertise areas include: Bioinformatics and Computational Biology, Computerized Provider Order Entry, Data Cleaning and Integration, Information Retrieval, Decision Analysis, Care Management, Clinical Information Systems, Consumer Health Informatics, Evidence-based Medicine, Organizational Behavior, Quantitative and Qualitative Research Methods and more.

Primary Teaching Faculty

William Hersh, M.D.

Main research interest: Use of knowledge-based information (e.g., scientific literature and content that summarizes it) by health care practitioners and researchers.

Present focus: Aiming to build better information retrieval (ie, search engine) systems and to evaluate their use, as well as an interest in educational technologies, directing the large distance learning program in medical informatics at OHSU, and in the teaching and application of evidence-based medicine.

Joan Ash, Ph.D.

Main research interest: Addressing people and organizational issues in health informatics, especially as they relate to the implementation of clinical systems.

Present focus: Computerized physician order entry; especially interested in using qualitative research methods such as observation and interviewing to develop accurate descriptions of clinical system use.

Armand Bankhead, PhD

Main research interest: Applications of data-driven modeling and simulation for the interpretation of biological systems and insight to disease. Developing and improving methods for the analysis of high thought-put data. Present Focus: Genetic regulatory networks, systems biology inspired disease classifiers, simulating cellular-level population dynamics.

Eilis Boudreau, M.D., Ph.D.

Main research interest: How circadian rhythms and the genes that control these rhythms impact the expression of alcohol traits. Further understanding of these interactions may help improve our understanding and treatment of alcoholism.

Present focus: Using both computational techniques such as quantitative trait loci (QTLs) and functional Magnetic Resonance Imaging (fMRI) for her studies.

Lucia Carbone, PhD

Main research interest: investigating sources of genome instability in species evolution and human disease. Developing experimental and analysis approaches that take advantage of next-generation sequencing and its applications (MethylC-seq, ChIP-seq, Mate-pair mapping).

Present focus: studying the possible association between genome instability and epigenetic state of transposable elements.

Michael Chiang, MD

Main research interests: Telemedicine, image analysis, electronic health records, evaluation of clinical information systems.

Present focus: (1) Computer-based image analysis for diagnosis of ophthalmic disease. (2) Telemedicine diagnosis of ophthalmic disease. (3) Evaluation of usability and impact of EHR systems. (4) Standards and data representation in clinical information systems.

Aaron M. Cohen, M.D. M.S.

Main research interest: Application of text mining and machine learning techniques to the scientific literature curated databases for aiding researchers in effectively using and exploring the ever-expanding biomedical knowledge base. Present focus: Application of text classification and extraction techniques for reducing the workload of biomedical database curators and authors of scientific reviews, and exploration of automated question answering and hypothesis generation techniques for biomedical researchers.

Deborah Cohen, PhD

Main research interest: How people in health care organizations, particularly primary care settings, implement and use health information technology, quality improvement in primary care settings, with a focus on designing health care systems that deliver integrated care, and doctor-patient communication.

Present focus: Identifying how unaffiliated, community-based primary care practices use electronic health records, identifying how primary care practices and community mental health clinics achieve the delivery of integrated health care, and understanding how practices and communities can partner to encourage patient health behavior change.

David A. Dorr, M.D. M.S.

Main research interest: Use of people and technology to improve quality and safety of care.

Present focus: Improving the care of chronic diseases using best practices for idealized design and teamwork coupled with the ABCs of technology for collaboration: access, best practices, and communication. Special cases for multiple diseases and transitions of care. Improvement of research infrastructure for adverse event reporting and action.

Karen Eden, Ph.D.

Main research interest: Center around patient and clinician decision-making. (She has built decision analyses, written evidence reports on diagnostic accuracy and patient preferences, and overseen several graduate student decision analysis projects.) Present focus: Currently working with a team of investigators interested in obstetrics childbirth decision-making. Additionally, part of a biomedical engineering project on home-based, early detection technologies that screen for risks and help monitor the health of older adults.

Justin Fletcher, PhD

Main research interest: Privacy and security aspects of data and systems in health care settings. Present focus: Currently working to identify issues associated with policy definition and security implementation related to EHR implementation from the executive perspective and to ensure these issues are presented in an educational curriculum.

Paul Gorman, M.D.

Main research interest: Focused on the use of information by experts, mainly clinicians, in real-world problem-solving, mainly patient care. Most often we use observational methods to study the activities of individuals and groups as they use information to perform real world tasks, e.g., information needs, seeking and use, naturalistic decision making, distributed cooperative problem solving, distributed cognition, and social informatics.

Melissa Haendel, PhD

Main research interest: My research is focused on developing and testing ontologies for classifying and querying biological data and ontological methods for making data interoperable. Ontology-based search allows one to exploit the logical definitions and relations between entities and thereby infer additional information. I am particularly interested in using anatomy ontologies for translational research to link human diseases to model organism data. Present Focus: Most recently I have been working on representation of research resources and their integration into the Linked Open Data landscape.

Holly Jimison, Ph.D

Main research interest: Technology interventions for home health management with a focus on empowering patients to be informed participants in their medical care decisions. Topics include medical decision models, medical ethics and consumer health informatics. Present focus: Technology for successful aging; Multimedia tools for informed consent; Home monitoring for disease management.

Kathryn Krages, AMLS, MA

Present focus: Teaches BMI 570/670 Scientific Writing for Informatics Students.

Judith Logan, M.D.

Main research interest: Examining factors that affect quality of data collected in healthcare databases and the subsequent uses of that data. Quality of data is affected by the user interfaces for collecting data, by the underlying controlled vocabularies, and by the structure of data in the databases.

Present focus: Developing vocabulary for certain procedural reports.

Also interested in evidence-based clinical guidelines and have been involved in a project to develop and disseminate these.

Robert A. Lowe, MD, MPH

Main research interest: Health services research regarding access to comprehensive medical care for vulnerable populations. Present focus: Community-based participatory research in collaboration with a community based organization serving homeless, chemically-dependent and chronically ill clients with a comprehensive bio-psycho-social model of care; relationship between emergency department use and access to primary care; training the next generation of emergency medical researchers in translational research; clinical trials for the treatment of neurological emergencies.

Shannon McWeeney, Ph.D.

Main research interest: Working with members of MGED normalization/processing to develop controlled vocabularies and protocols to describe data transformations.

Present focus: Focus on statistical analysis of microarray data with emphasis on time series analysis.

Vishnu Mohan, MD, MBI, FACP

Main research interest: Consumer health informatics, clinical diagnostic reasoning. Present focus: Clinical informatics/design and implementation of electronic medical records, developing a model for online medical education. Member of Association of Program Directors in Internal Medicine (APDIM) E-Learning Taskforce, which is devising a system to promote e-learning tools for use in internal medicine residency education.

Joanne Valerius, MPH, RHIA

Main research interest: Human resource development in health care settings.

Present focus: A holistic approach to the workplace and how diversity impacts the workplace.

Amanda Vinson, PhD

Main research interest: Quantitative genetics and QTL mapping in general pedigrees, systems biology and functional genomics in elucidating genotype-phenotype relationships, family- and population-based statistical genetic methods in atherosclerosis and other complex disease.

Present focus: Role of novel inflammatory factors in predicting atherosclerosis in rheumatoid arthritis patients, development of a SNP-based genetic linkage map in the rhesus macaque

genome, characterization of the relationship between cholesterol levels, inflammation, and atherosclerosis in rhesus macaques using quantitative genetic and systems biology approaches.

Beth Wilmot, PhD

Main research interest: The focus of her research is on the development and application of statistical and computational methodologies for analysis of genomic data (gene expression, SNP variation and copy number variation) in both unrelated individuals and pedigrees in order to understand the role of genomic variation in disease (cancer, psychiatric disorders, Alzheimer's disease, etc).

Primary DMICE Faculty

Joan Ash, PhD, MLS, MS, MBA, Professor & Vice Chair

Eilis Boudreau, MD, PhD, Assistant Professor

Nancy Carney, Ph.D., Assistant Professor

Aaron Cohen, MD, MS, Assistant Professor

David Dorr, MD, MS, Assistant Professor

Karen Eden, PhD, MS, Assistant Professor

Justin Fletcher, PhD, Assistant Professor

Paul Gorman, MD, MS, Associate Professor

Mark Helfand, M.D., Associate Professor

William Hersh, MD, Professor & Chair

David Hickam, M.D., M.P.H., Professor

Holly Jimison, PhD, Associate Professor

Jayashree Kalpathy-Cramer, PhD, MS, Assistant Professor

Kathryn Pyle Krages, AMLS, MA, Assistant Professor

Judith Logan, MD, MS, Associate Professor

Marian McDonagh, PharmD, Assistant Professor

Shannon McWeeney, PhD, Associate Professor

Vishnu Mohan, MD, MBI, Assistant Professor

Cynthia Morris, Ph.D., Professor

Heidi Nelson, M.D., Research Professor

Susan Norris, M.D., Assistant Professor

Joanne Valerius, MPH, RHIA, Assistant Professor

Thomas Yackel, M.D., Assistant Professor

Joint, Adjunct, and Affiliate Appointments

Joint Appointments

Michelle Berlin
Dana Braner
Terri Bianco
David Buckley
Lucia Carbone
Michael Chiang
Roger Chou
Deborah Cohen
Christopher Dubay
Jeanne-Marie Guise
Daniel Handel
John Hawkins
Linda Humphrey
Devan Kansagara
Blake Lesselroth
Robert Lowe
Alan Melnik
Motomi Mori
Misha Pavel
Somnath Saha
Kemal Sönmez
Kent Spackman
Kent Thornburg
Amanda Vinson
Beth Wilmot

Adjunct Appointments

Susan Butterworth
Justin Fletcher
Greg Fraser

Affiliate Appointments

Richard Appleyard
Nick Beard
Homer Chin
Bikram Day
Mary Devlin
Jay Eisenberg
Richard Gibson
Ken Guappone
John Haughom
Brian Hazlehurst
Charles Kilo
Michael Krall
Mark Leavitt
Michael Lieberman
Richard Lowensohn
J.A. Magnuson
Philip Marshal
Brian Martin
Fred “Chip” Masarie
Carmit McMullen
Jody Pettit
Tom Riccardi
Dean Sittig
Tom Stibolt

Nancy Vuckovic
Dave Witter

Warren Harrison
John Kenagy
Dale Kraemer
J.A. Magnuson
David Maier
Brian Roark
Mary Stanfill
Pat Tidmarsh
Evelyn Whitlock

Overview of Program

Though biomedical informatics has existed as a field for several decades, it is only recently that it has begun to come into its own and receive wider recognition, not only from those of other medical and scientific disciplines, but in all walks of life. As information technology (IT) and computing become more vital to understanding the vast amounts of data that the medical and scientific communities are confronted with, those in all areas of these fields must be prepared to contribute their knowledge, capabilities, research, and understanding.

The Department of Medical Informatics and Clinical Epidemiology at Oregon Health & Science University (OHSU) has structured several complementary academic programs to address the wide-ranging influence that informatics will have in the future of health care and biomedical research. We consider our core discipline to be informatics, which is the field concerned with the intersection of people, information, and technology. Our programs offer appropriate levels of education to a wide variety of those in health care and biomedical research as, ultimately, there are none in the field who will remain untouched by the advances such technologies will bring. Informatics researchers and practitioners apply the principles of computer science and other disciplines in specific domains such as public health, medicine, nursing, and cellular and molecular biology. Our Fellowship and PhD programs, with their emphasis on advanced research, train future researchers and educators in the field of informatics. Our Master's programs grant professional degrees appropriate for those who will be leaders and managers in their careers - CIOs, project managers, lead physicians, biomedical researchers, and the like. Both the PhD and master's program feature tracks in clinical informatics and bioinformatics. For those who may liaise with those in the previous categories but may not need a degree, our Certificate program imparts a high degree of expertise and facility in clinical informatics.

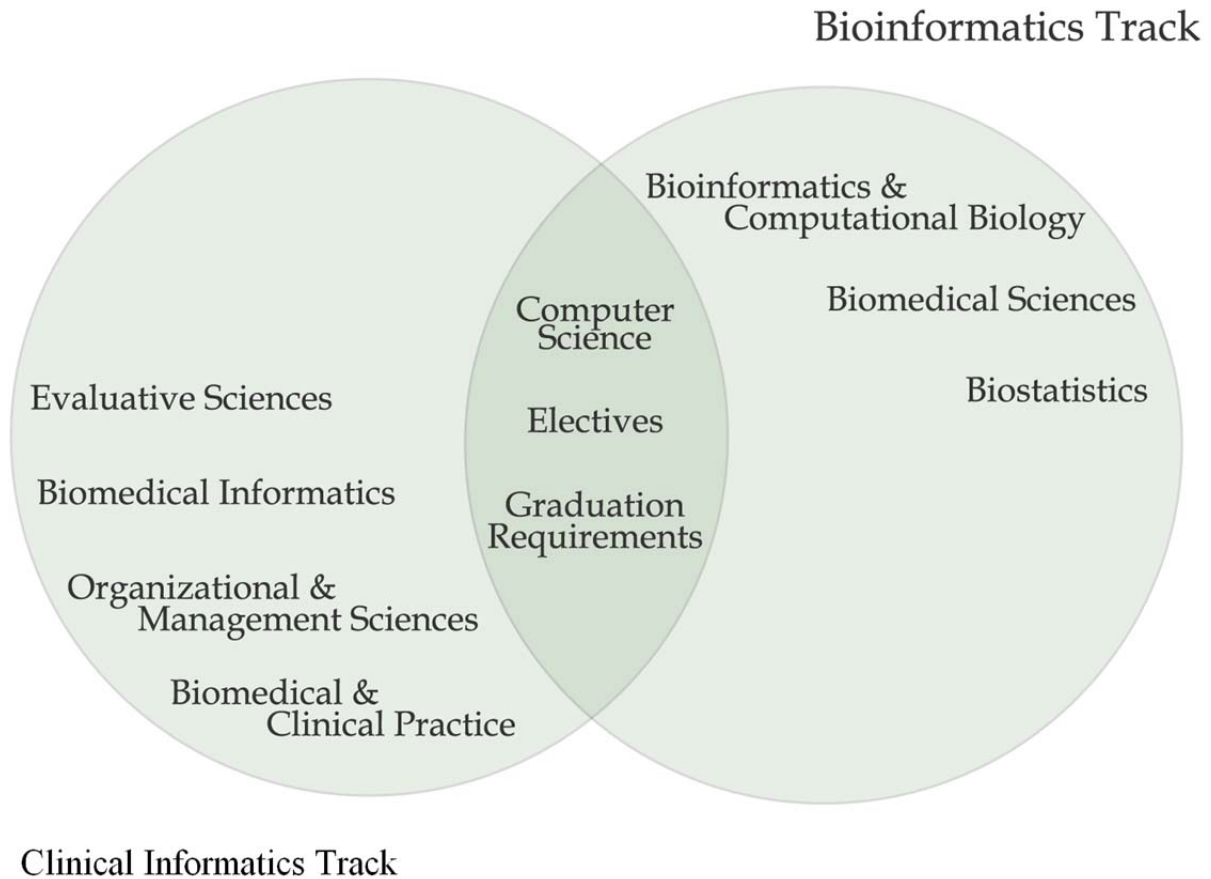
Description of Tracks

The PhD and master's programs allow pursuit of two tracks, one in clinical informatics and the other in bioinformatics. In the future, additional tracks may be added. There is some amount of overlap between the two, and they have several courses and electives in common; however, students are expected to select one of these two concentrations as their primary focus.

Bioinformatics deals with the analysis, handling, and comprehension of the large amounts of data produced by advanced techniques employed used in modern biological research (especially genomics, proteomics, and molecular and cellular biology). Our Bioinformatics track offers a rigorous, interdisciplinary submersion in statistics, algorithms, research methods, biology, and computation, with special attention paid to the areas that these competencies overlap (i.e., computational biology). Students are thus given the knowledge and skills to become successful researchers and analysts within the field. This track is offered on-campus only.

The track in Clinical Informatics gives students a solid grounding in clinical informatics, health and medicine, computer science, and research methods. Students are prepared to assume positions that require a thorough understanding of both information technology and the health care environment. Although the curriculum has a large core of courses, it can be individualized so that those with a prior background in one area (i.e., a health care professional or computer scientist) can focus on other areas to strengthen the breadth of their knowledge.

Domains of the Knowledge Base by Academic Track



Description of Degrees

Doctor of Philosophy in Biomedical Informatics

We seek individuals with a variety of backgrounds who desire to obtain a strong technical grounding in biomedical informatics, health and medicine, computer science, and research methods so that they may assume positions that require a thorough understanding of information technology, health, and biomedicine. The major goal of the program is to develop independent researchers, dedicated teachers, and imaginative leaders in health care, academia, and industry.

Our PhD in Biomedical Informatics offers students the knowledge base of biomedical informatics and the skills to carry out research in this area. The knowledge base primarily builds from coursework and experiences already in the OHSU master's degree programs, enhanced with more advanced courses. The emphasis is on research at a level that will allow students to make novel contributions to the field through the requirements of a doctoral dissertation.

A unique aspect of the program is the requirement for advanced training in a cognate area such as Computer Science, Biomedical Engineering, Environmental Science, Public Health, Nursing, System Science, Anthropology, or Education. Courses for the cognate area can be taken at OHSU, including from our School of Science & Engineering, or from nearby Portland State University.

Master of Science in Biomedical Informatics

The OHSU Master of Science (MS) in Biomedical Informatics is an on-campus program requiring a master's thesis. The primary goal of the program is to educate the future developers, managers, and researchers of health care information systems. The program also allows those who already have a doctoral degree to pursue research interests that prepare them for research positions in academia or industry.

Master of Biomedical Informatics

The MBI is identical to the Master of Science (MS) in Medical Informatics Program with the exception that a thesis is not required. Instead, students are required to complete a Capstone Project. Additionally, where the MS is an on-campus only program, students earning an MBI may study either on-campus or through distance learning (except for Bioinformatics track students who are on-campus only).

School of Medicine Information By-Laws of the Graduate Council

Policies and procedures that apply to all graduate programs are described in the By-Laws, including such matters as grading, standards of academic performance, academic probation, general degree requirements, time limits, oral examination procedures, dismissal/suspension procedures and student grievance procedures. The document can be found on the Graduate Studies website at:

<http://www.ohsu.edu/xd/education/schools/school-of-medicine/academic-programs/graduate-studies/admin-resources.cfm>

Guidelines and Regulations for Completion of Master's and Ph.D. Degrees

The most recent guidelines can be viewed at

<http://www.ohsu.edu/xd/education/schools/school-of-medicine/academic-programs/graduate-studies/faculty/administration-forms.cfm>

Professional Conduct Policy

The Graduate Council has established a policy that outlines expectations for professional behavior of graduate students in the School of Medicine. These guidelines were developed to enhance the students' training, maximizing the benefits to their profession and society, and to minimize actions that do not benefit the greater good and only selfishly serve the individual. The policy describes several examples of meritorious student behavior. It also defines unacceptable conduct and the procedures for addressing allegations of unacceptable conduct by students. The policy can be found on the Graduate Studies website at

<http://www.ohsu.edu/xd/education/schools/school-of-medicine/academic-programs/graduate-studies/faculty/administration-forms.cfm>

Academic Honesty

Course participants are expected to maintain academic honesty in their course work. Participants should refrain from seeking past published solutions to any assignments. Literature and resources (including Internet resources) employed in fulfilling assignments must be cited. See http://www.ohsu.edu/xd/education/library/research-assistance/plagiarism.cfm?WT_rank=1# for information on code of conduct for OHSU and <http://www.ohsu.edu/xd/education/teaching-and-learning-center/for-students/index.cfm> for more information on citing sources and recognizing plagiarism.

In an effort to uphold the principles and practice of academic honesty, faculty members at OHSU may use originality checking systems such as Turnitin to compare a student's submitted work against multiple sources.

OHSU Student Activities, Services and Facilities

Bookstore

Phone: 503-494-7708

Email: books@ohsu.edu

Website: <http://www.ohsu.edu/ohsubookstore/>

The OHSU Bookstores are owned and operated by OHSU to provide staff, faculty, students, patients and the OHSU community with medical, dental, nursing and allied health books, software, materials and equipment and is located on the second floor of the Student Community Center (formerly the Fitness Sport Center)

Cashier's Office

Phone: 503-494-8243 or 1-800-775-5460

Located in Baird Hall 301 – Monday through Friday 8:00 am – 3:45 pm

Summary of services

- Disburse student financial aid and process payments to student accounts.
- Receive and record revenues from various departments including bookstores, cafeterias, various patient areas, parking and research services.
- Distribute disbursement checks from accounts payable, adjustment checks from Payroll and checks from the foundation.
- Oversee direct deposit of student financial aid refunds.

Change of Address

Address changes can be made on the ISIS website.

<http://www.ohsu.edu/registrar/ISISOnline.htm>

Computer Access

To learn more about managing your OHSU email system visit:

http://www.ohsu.edu/bicc-edutech/support/ss_support_gw_what_is_webaccess.shtml

The direct web site for accessing your OHSU email account is:

<http://www.ohsu.edu/mail>

March Wellness

Current full-time students who have paid their activities fee are entitled to use the [March Wellness and Fitness Center](#). Part-time students may join the Center for a monthly fee. The center has a pool, basketball court, class space and fitness equipment. The center also offers many personal wellness and fitness classes. March Wellness is located at the new South Waterfront Campus in the Center for Health and Healing. OHSU students must present their student ID cards to use the Center.

Identification Cards

As an on-campus student, your OHSU photo identification will be issued with the assistance of your program. Cards are to be worn conspicuously while on campus. You may be asked to show your ID card at any time. Lost, stolen or damaged cards must be reported to Public Safety immediately at 503-494-7744. A fee will be assessed for reissues.

To receive your student identification card, you must provide the following

- HIPAA training certificate of completion
- Respect at the University training certificate of completion
- Integrity Education Booster training certificate of completion
- Background check
- Student ID/Access form

The trainings may be accessed through the New Students page at

<http://www.ohsu.edu/ohsuedu/academic/som/dmice/new-students.cfm>

The background check form is also on that page. Bring all completed forms to the Program Administrator on the 5th floor of the BICC building.

ISIS: Student Online Information System

Using this secure, interactive application, students may register for classes, view grades, view unofficial transcripts, view student account information, review holds (if they exist), view personal information such as address, email, etc., view and/or print class schedules.

<http://www.ohsu.edu/registrar/ISISOnline.htm>

Library Card and Access

Information Desk: 503-494-3462

Circulation Desk: 503-494-3460

Email: library@ohsu.edu

Website: www.ohsu.edu/library

On-campus students: Get a library card. If you are a Portland Campus student you can go to the 3rd floor Circulation desk in the OHSU Library and apply for the card.

Off-campus students: As of 10/3/2012, OHSU library off-campus access to electronic resources has changed. You may now use your OHSU network username and password to access the library's electronic resources from off-campus! No need to get that barcode number tattooed on the palm of your hand after all! Don't lose it though, as you will continue to use your library barcode for borrowing library materials from the print collections. When you attempt to access a resource from off-campus that's restricted to OHSU users, you'll see a screen with a place to log in with your network user ID and password and one for your name and barcode. Please start logging in with the first option, your network ID and password, anytime. In January, the barcode option will be discontinued. Questions? http://www.ohsu.edu/xd/education/library/off-campus_faq.cfm or send a message to: liboff@ohsu.edu

Mandatory Institutional Training for All Graduate Students

HIPAA Training

As part of the HIPAA privacy standards, OHSU is required to educate all members of its workforce on how HIPAA will affect their role here. The OHSU workforce includes all employees, students, faculty, staff and volunteers, and may also include certain visitors. HIPAA training must be completed before student ID card, computer access or physical access to areas containing protected health information (PHI) is granted or within 30 days of beginning duties at OHSU, whichever is sooner. Those who fail to meet this requirement are subject to corrective action, up to and including termination of their relationship with OHSU. All HIPAA training modules are available at

<http://www.ohsu.edu/xd/about/services/integrity/training/bigbrain/index.cfm>

A Higher Standard: OHSU Respect at the University

Everyone at OHSU, including employees, students, faculty and volunteers, is required to complete the Respect at the University education. Federal and state courts have ruled that employers are compelled to train their workforce on the prohibitions of discrimination and harassment in the workplace. Furthermore, pursuant to OHSU policies, discrimination based on certain categories is strictly prohibited. This course is one of several mechanisms used to disseminate OHSU's expectations in order to prevent prohibited discrimination and harassment at the university. As OHSU's Code of Conduct expresses, respectful behavior is an expectation of all. All Respect at the University training modules are available at <http://www.ohsu.edu/xd/about/services/integrity/training/bigbrain/index.cfm>

Integrity Education Booster

The Integrity Education Booster is available at <http://www.ohsu.edu/xd/about/services/integrity/training/bigbrain/index.cfm>

Understanding Plagiarism

The mandatory Understanding Plagiarism module is available on the DMICE website at: <http://www.ohsu.edu/xd/education/schools/school-of-medicine/departments/clinical-departments/dmice/students/current-students.cfm>

Office of Academic and Student Affairs

Phone: 503-494-7878

Website: <http://www.ohsu.edu/academic/acad/>

Location: Baird Hall, Room 1028

Provost for Academic and Student Affairs has the overall responsibility for the Bookstore, Financial Aid, Fitness and Sport Center, Health Services, Registrar, student organizations and other support functions including food services and vending machines. In addition, this office coordinates policies and programs with the deans of students of each school. Student Affairs assists individual students and student groups with a variety of concerns and communicates student opinions throughout the university. The Office of Student Affairs welcomes students' viewpoints on programs, policies, procedures and facilities, positive or negative.

Student Access

Phone: 503 494-0082

Website: <http://www.ohsu.edu/student-access>

Email: orchards@ohsu.edu

Our program is committed to all students achieving their potential. If you have a disability or think you may have a disability (physical, learning, hearing, vision, psychological) which may need a reasonable accommodation please contact Student Access to discuss your needs. Because accommodations can take time to implement, it is important to have this discussion as soon as possible. All information regarding a student's disability is kept in accordance with relevant state and federal laws.

Parking and Bus Passes

Phone: 503-494-8283

Email: parking@ohsu.edu

Website: www.ohsu.edu/parking

Parking on campus is extremely limited. Monthly parking is available, contact the parking office for current monthly rates. Daily passes are offered on a space-available basis. Parking passes are available for full-day, half-day and two-hour time periods. Please contact the parking office for current rates. OHSU offers Tri-Met passes at a substantially discounted rate to students who are enrolled in classes on a full-time basis (9.0 or more credits). Contact the Parking office in the Physical Plant building for more information.

Photocopying

There are coin-operated photocopiers for student use in the library. Students may also purchase a copier code, which will reduce the cost per copy. Codes can be purchased at the Copy Center in Baird Hall.

Places to Eat

The **Marquam Café Plaza** is located in the Hatfield Research Center and offers a variety of sandwiches and grill items. Their hours are 6:30 - 2:00 Monday through Friday.

The **Marquam Café OHSU** is located on the third floor of OHSU Hospital. The OHSU café is open 24 hours a day, seven days a week, including holidays and weekends.

The **Mackenzie Hall Café** is located on the first floor, near the Registrar and Financial Aid office. Café hours are 7:00 – 2:30 Monday through Friday.

Public Safety

Non-emergency: 503-494-7744

Emergency on campus: 503-494-4444

Email: pubsafe@ohsu.edu

The Department of Public Safety is dedicated to assisting all members of the OHSU community whenever possible. Public safety maintains a comprehensive communications center (dispatch) staffed 24 hours a day, 7 days a week by professional dispatchers who are trained to triage requests for service, including emergencies and initiate the appropriate response. If we are unable to provide the requested services with our resources, we will make reasonable attempts to locate someone who can.

Registrar and Financial Aid Office

If you need financial assistance to attend OHSU, please visit the Financial Aid Office, Mackenzie Hall, room 1120. Federal aid applications are available beginning in December and should be received by the federal processor by March 1 to qualify for priority processing. Late applications are accepted, but funding may be exhausted in some programs. Additional information can be found in the OHSU publication, Student Financial Aid Explained, available in the Financial Aid office. The Registrar's office provides a number of services including class registration, grade reports and official transcripts. It is particularly important that students register for courses by the term deadlines listed in the academic calendar. The Registrar and

Financial Aids office also receives requests for financial aids and deferral of student loans. It should be noted that many actions that affect student status are initiated at the program level before being officially recorded by the Registrar. These actions include change of grade, advancement to candidacy, request for oral exam and leave of absence. Students must maintain continuous enrollment and are permitted to take four quarters of Leave of Absence while they are in the program. You must submit a Leave of Absence form for each quarter that you are not registered in a for-credit class. Students have six years to complete (seven years for PhD students). Graduate Studies Coordinators within each department can assist students with these procedures and other requests.

Financial Aid	Registrar's Office
Phone: 503-494-7800 or 1-800-775-5460	Phone: 503-494-7800 or 1-800-775-5460
Email: finaid@ohsu.edu	Email: regohsu@ohsu.edu
Website: http://www.ohsu.edu/finaid	Website: http://www.ohsu.edu/registrar
Hours: Monday – Friday 7:30 am – 4:00 pm	Hours: Monday – Friday 7:30 am – 4:00 pm
Mackenzie Hall, Room 1120	Mackenzie Hall, Room 1120

Student Health Service

Phone: 503-494-8665

Website: <http://www.ohsu.edu/xd/education/schools/school-of-medicine/academic-programs/md-program/student-affairs/student-health.cfm>

Email: askshs@ohsu.edu

The Student Health Service is located in Baird Hall, Room 18. They provide complete primary outpatient care, preventive, acute and chronic medical care. Services include counseling, dermatology, gynecology, orthopedics, pediatrics and psychiatry. Their hours are 8:30 - 12:45 and 1:30 - 4:40. For more information contact them at 503-494-8665.

Tuition

Tuition payments are made at the Baird Hall Cashier's Office or on the ISIS system. Cashier's office hours are 8:00-3:45 and the phone number is 503-494-8243 or 1-800-775-5460. Note that payment cannot be made until the Registrar has processed your registration, which usually takes a day or two. If you are waiving major medical coverage you must have that form completed before paying your tuition in order to avoid the charge. The tuition and fee schedule can be accessed at www.ohsu.edu/registrar. Click on "More Information," then select "Tuition and Fees 2012-2013", and "Medicine-Biomedical Informatics." The tuition/fee schedule for the current academic year has also been included in your orientation packet.