

The Surgical Log

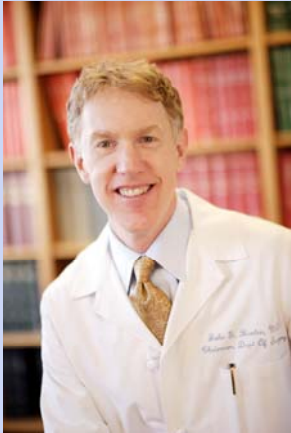


Department of Surgery, OHSU School of Medicine

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John G. Hunter, M.D.
Mackenzie Professor and
Chairman

Chairman's message

From the dark days of January, with the rivers swollen to new heights, following the worst snowstorm in 50 years, in the midst of an economic recession, it might be hard to imagine a chairman's letter with anything but glum news.

Surprisingly, it seems that there is more excitement in the Department of Surgery, more new beginnings and great accomplishments to brag about than in any previous newsletter. Let's get started: On October 9, 1959 the first kidney transplant in the West and the first adolescent transplant in the world were performed at OHSU by **Clarence Hodges** and **Joe Murray** who won the Nobel Prize for kidney transplantation. This transplant between identical twins, both of whom are still alive 50 years later, may be the longest lasting transplanted kidney in the world currently.

In 2009 we will celebrate 50 years of transplantation at OHSU. For over 50 years we have consistently provided outstanding results in kidney transplantation. Additionally, heart transplantation is 24 years old at OHSU with over 500 people having benefited from this life giving operation, and liver transplant just turned 20, with over 800 recipients transplanted. Pancreas transplant has provided an insulin-free opportunity for many diabetics, especially when combined with kidney transplant.

Throughout the year we will be celebrating these many successes. This celebration will be punctuated by two gala events: On May 9th we will celebrate the accomplishments of the heart transplant program with a dinner honoring the many transplant recipients and their families. At this dinner, **Sara Shumway**, the daughter of **Norm Shumway**, the heart trans-

plant pioneer from Stanford, will speak of the origins and the scientific basis of cardiac transplantation. As well, **Albert Starr** who performed the first heart transplant at OHSU will speak of these events.

On October 1st and 2nd **Doug Norman**, chief of transplant nephrology will co-host a celebration of 50 years of kidney transplantation. On the evening of October 3rd, a gala dinner will honor the many patients and many donors who have participated in kidney, liver, pancreas, and heart transplantation at OHSU. I hope you will have the opportunity to join us to celebrate these many achievements.

In conjunction with this celebration, I am thrilled to announce a new chief of abdominal organ transplantation at OHSU, **Susan Orloff**. Dr. Orloff has been a part of our transplant program for more than 15 years, and has been a constant presence on our transplant service. She has demonstrated a capacity for research, holding two NIH RO1 grants, and is starting a liver surgery and transplant fellowship at OHSU in conjunction with **Kevin Billingsley**. Her many talents, including a great ability to mentor and collaborate with others will be most welcome.

As might have been expected, it has been a hard task to fill the shoes of **John Barry**, the chief of Urology for so many years. After scouring the country for Dr. Barry's successor, our search committee, ably headed by **Tom Beer**, identified **Chris Ameling**, the chief of urology at University of Alabama in Birmingham. Chris is a urologic oncologic surgeon known nationally for his clinical research in prostate cancer outcomes. He is also a superb robotic surgeon with one of the largest experiences in robotic prostatectomy in the country

The *Surgical Log* is published three times a year by the Department of Surgery, Oregon Health & Science University, for colleagues, alumni and friends of the department.

For inquiries, submissions or suggestions, please contact **April Hill** at 503.494.8559 or hillap@ohsu.edu.

For more information, visit www.ohsu.edu/som-surgery.

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History of Organ Transplantation at OHSU - 1959 to 2009

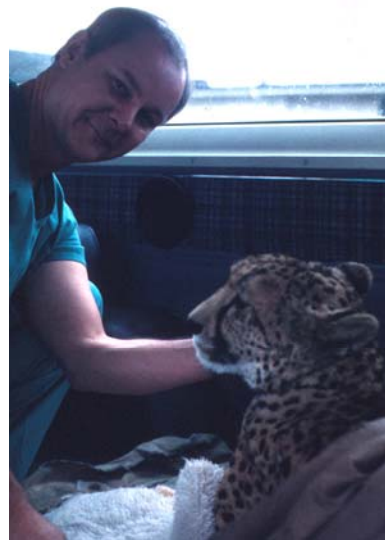
Organ transplantation has a fifty-year history at OHSU that began with renal transplants and subsequently included liver, pancreas and cardiac transplants. Over 5,000 OHSU patients have been given a second chance of life through organ donation. The information below describes the rich history of these programs.

Renal Transplant

In 1948, Dr. Clarence Hodges came to OHSU from Johns Hopkins University in Baltimore to become the first full-time Head of the Division of Urology. In 1959, Dr. Hodges along with Dr. J. Englebert Dunphy and Dr. Joseph Murray performed OHSU's first donor-related kidney transplant between 12-year-old identical twins. It was the 18th kidney transplant procedure performed in the world, and the first performed on the West Coast. The recipient continues to thrive and is one of the longest-surviving transplant recipients in the world. The OHSU Renal Transplant Program is one of the world's oldest and most successful programs.

In 1980, Dr. John Barry was named to succeed Dr. Hodges as Head of the Division of Urology. During that same year, Dr. Barry was asked to consult with King Faisal Hospital and Research Center in Riyadh, Saudi Arabia to set up a renal transplant program. In June 1981, he led the team that performed the first renal transplant at that hospital.

One of Dr. Barry's most interesting cases was performing a renal transplant on Khayam, a ten year old cheetah, who lived at Wildlife Safari in Winston, Oregon. The donor kidney came from one of the other cheetahs, Blondie, who also resided at the preserve. Cheetahs are genetically very similar, so it was thought that a living donor transplant could possibly save the life of the beloved Khayam. However, four days after the surgery was performed, Khayam died of renal and respiratory failure. The staff at Wildlife Safari commented that Dr. Barry showed true pioneer spirit in his willingness to attempt to save the cheetah's life.



Liver and Pancreas Transplant

In January 1986, Dr. John Barry posed the question to the members of the institution as to whether or not the time was right to begin a liver transplant program at OHSU. The presentation of the question from the highly respected Division Chief of Urology and Renal Transplantation spurred an immediate institutional response to examine the feasibility of initiating an OHSU Liver Transplant Program. The committees that were charged with making a recommendation on starting the program looked at all the issues in a very comprehensive manner. The final decision was to proceed with the implementation of an OHSU Liver Transplant Program.

Due to space limitations in the operating rooms and patient care units in OHSU South Hospital, the decision was made to place the clinical site for the liver transplantation program at the Portland Veteran's Affairs Medical Center (PVAMC). Once the decision was made to go forward, there was an immediate movement to recruit a transplant surgeon to head the program. In January 1988, OHSU was successful in recruiting Dr. C. Wright Pinson, who at the time of the recruitment was the Henry Fellow in Transplantation at the Harvard Medical School.

During the same period of time that OHSU was evaluating the proposal to establish a liver transplant program; the PVAMC administrative staff members were having similar discussions. The PVAMC had been contracting its transplant services to other institutions, but in the 1980's they considered the development of an in-house transplant service. It was felt that bringing these services in-house would better assure veterans of access to care and would also allow for the development of a center for excellence.

An innovative sharing agreement was established, taking advantage of new state-of-the-art facilities at the PVAMC and combining the clinical expertise of staff from OHSU and PVAMC. In 1987, the PVAMC became the first centrally funded in-house liver transplant program in the nation.

(continued on page 3)

History of Organ Transplantation at OHSU - 1959 to 2009 continued

The foundation for the liver transplant program was assembled in a relatively rapid fashion with Dr. Pinson performing the first liver transplant in October, 1988. Barely two weeks later, the team members were confronted with five patients in fulminate liver failure due to acute amanita toxicity from a dinner of mushrooms collected in the Oregon forests that day. Two of the five patients were transferred to the University of California at San Francisco liver transplant program, one recovered with medical management and two patients were successfully transplanted at OHSU with excellent long-term results.

After two years, Dr. Pinson left OHSU to head the liver transplant program at Vanderbilt University in Tennessee. He was followed at OHSU by Dr. John Rabkin then by Dr. John Ham who assumed the Directorship of the Liver Transplant Program in 2001. Today, over 900 liver transplants have been performed.

With the success of the renal transplant program, discussions were initiated with University and Hospital representatives regarding starting an OHSU pancreas transplantation program. In September 1987, Doctors John Barry, Tom Hefty and Truman Sasaki performed the first pancreas transplant. At this time, well over 100 pancreas and kidney-pancreas transplants have been successfully performed at OHSU.

Cardiac Transplant

In 1982, Dr. Adnan Cobanoglu was recruited to join the OHSU Cardiothoracic Surgery Division. Dr. Cobanoglu was an extremely talented surgeon who performed all aspects of cardiac surgery including cardiac transplant. In 1985 the first cardiac transplant was performed. The donor was a shooting victim from a robbery. In the first year of the cardiac transplant program, there were matches for 20 heart donors and recipients. This number was twice the number that was originally projected for the first year. Of the twenty patients who had a heart transplant, nineteen of these patients survived the first year post transplant.

The cardiac surgery transplant program continues to flourish at OHSU.

Third Annual OHSU Department of Surgery Golf Tournament

The Third Annual Department of Surgery Golf Tournament was held at Royal Oaks Country Club in Vancouver on Friday, September 5th. This was our most successful tournament and we netted a little over \$115,000 for VirtuOHSU, the Surgical Simulation Laboratory. Dr. Melanie Morris did an outstanding job of encouraging the attendees to give direct cash contributions for the Simulation Laboratory. In response to Melanie's request and expression of appreciation for the support, the auctioneer was able to get \$18,500 in cash donations during the paddle raise.

Special appreciation goes to Mr. and Mrs. Ken Hick who donated a week at their beautiful vacation home on the island of Roatan off Honduras. At the auction, after the first vacation was sold, Mr. Hick generously offered a second week which resulted in a total of \$11,000 for the Simulation Laboratory.

With the proceeds from this year's tournament, we are in the process of updating a major piece of simulation equipment for education. Because of the generosity of so many who support the Department of Surgery through this annual golf tournament and auction, we have been able to move toward the dream of a fully equipped Simulation Laboratory that will fully serve the needs of our residents. On February 9th, we will be moving into a renovated space in the Old Library.

In addition to the donors who support this event, there is also a Golf Tournament Committee comprised of volunteers who give an enormous amount of hours and effort in assuring the success of this event. Dick Southard and Marty Richmond are the Co-Chairs of the committee with membership including George Spada, Stephanie Garrow, Rhea Jacobson, Rick Southard, Don Southard and Yassi Irajpanah.

The tournament could not be successful without the support of the sponsors who provide the essential foundation that allows us to hold the tournament. Karl Storz Endoscopy has been a Gold Sponsor for all three years of the tournament, the Silver Sponsors include Legacy Health System (3 year sponsor), OHSU Healthcare (3 year sponsor), Salem Hospital (3 year sponsor), Evraz Oregon Steel Mills (3 year sponsor), Sause Brothers (3 year sponsor), Hoffman Hart & Wagner (3 year sponsor), and Key Bank (2 year sponsor).

We are beginning to work on the Fourth Annual Golf Tournament that is scheduled for August 28, 2009. We are hoping to net \$200,000 at this tournament to take our total net for the four years over the one half million dollar mark.

Visiting Professors

Col. John Holcomb, MD, FACS is Director of the Center for Translational Injury Research, Commander, US Army Institute of Surgical Research and Trauma Consultant for the Surgeon General. He is with the Department of Surgery at the University of Texas Medical School at Houston. Since August 2002, he has been Trauma Consultant for The Army Surgeon General, and Commander of the United States Army Institute of Surgical Research, Ft Sam Houston, TX. Holcomb also commands the Department of Defense (DoD)'s only Surgical Research Laboratory, consisting of 380 personnel, focused on a clinical and research mission and manages a research and personnel budget of 21 million dollars. He also has established, focuses and directs the Combat Casualty Care Research for the Army. Holcomb leads efforts to create a clinically active trauma service and oversees the combination of the two DoD Level 1 trauma centers. He leads efforts to institute across the DoD the Joint Theater Trauma Registry. His clinical duties include providing general surgery, trauma, burn and critical care coverage, teaching residents and medical students at Brooke Army Medical Center, the Army's only Level 1 Trauma Center.



Hans Sollinger, MD, PhD is the Folkert O. Belzer Professor of Surgery, and chairman, Division of Transplantation at the University of Wisconsin, at Madison. Sollinger earned a PhD at the University of Munich and an MD at the Medical School of Munich. He won a fellowship in immunobiology research at the University of Wisconsin Hospital and Clinics and then completed residency at the University of Wisconsin Hospital and Clinics. Dr. Sollinger's research interests include the clinical and preclinical testing of new immunosuppressive agents and gene therapy for cell transplantation. He specializes in kidney and pancreas transplantation.

New Faculty



The Division of General Surgery is pleased to announce the return of **James Dolan, MD** as a full time faculty member. Jim undertook his residency training at the University of California, San Francisco and then completed a two year fellowship in minimally invasive surgery here in 2004. From 2004 to 2008, he was on active duty in the U.S. Air Force. Jim and his family were stationed at Keesler Air Force Base in Biloxi, Mississippi. He also spent 6 months with the U.S. Army at Landstuhl Regional Medical Center in Germany treating critically injured service members. Earlier this year, Jim deployed to Al Udeid Air Base, Qatar as the Commander of the 379th Mobile Forward Surgical Team (MFST) attached to Special Operations Command, Central.

Returning to Portland with Jim is his wife, Marian who is a nurse, and his three children. Jim's outside interests include reading and running.

After an extremely competitive search, the Division of Urology has a new chief: **Christopher Amling, MD, FACS**. Amling is currently Professor and Director, Division of Urology at the University of Alabama at Birmingham. Born in Palo Alto, California, he attended medical school at OHSU. Amling completed his general surgery internship at Oakland Naval Hospital in California. He spent a year at the Naval Flight Surgery Training Program at the Naval Aerospace Medical Institute in Pensacola, Florida. He did two years of general surgery training at Duke University, Department of Surgery and then four years of urology residency at Duke University, Division of Urology. Fellowship training in urologic oncology was gained from the Mayo Clinic in Rochester, Minnesota. Joining Amling in Portland will be his wife Barbara and his children.

MONDAYS AT 7:00 A.M. OHSU AUDITORIUM

Oregon Health & Science University School of Medicine is accredited by the Accreditation Council for Continuing Medical Education to sponsor continuing medical education for physicians. OHSU School of Medicine, Division of CME, designates this educational activity for a maximum of *1.0 AMA PRA Category 1 Credit™* per session. Physicians should only claim credit commensurate with the extent of their participation in the activity.

- February 2, 2009 "An Evaluation of the Morbidity and Mortality Conference: Court or Classroom?"
Richard Mullins, MD, Professor of Surgery, Trauma/Surgical Critical Care Section, OHSU
- February 9, 2009 "Pancreas Transplantation"
Stephen Rayhill, MD, Associate Professor of Surgery, Division of Liver and Pancreas Transplantation, OHSU
- February 16, 2009 CANCELED FOR PRESIDENTS' DAY
- February 23, 2009 "Management of Aortic Injury; A Study of Transition in Standard or Care"
Matthew Slater, MD, Associate Professor of Surgery, Section Chief, Adult Cardiothoracic Surgery, Division of Cardiothoracic Surgery, OHSU
- March 2, 2009 "The Adrenal Gland and the Surgical Patient"
Lynn Loriaux, MD, PhD, Professor and Chair, Department of Medicine, OHSU
- March 9, 2009 Chief Resident Choice: "Mitigating Iatrogenic Resuscitation Injury"
John Holcomb, MD, Professor of Surgery, Chief, Division of Acute Care Surgery, Director, Center for Translational Injury Research University of Texas Health Science Center
- March 16, 2009 "1000 Consecutive Kidney Pancreas Transplants at a Single Institution"
Hans Sollinger, MD, Folkert O. Belzer Professor of Surgery, Chairman, Division of Transplantation, University of Wisconsin
- March 23, 2009 "Robotics in General Surgery: Because we should or because we can?"
Donn Spight, MD, Assistant Professor of Surgery, Division of General Surgery, OHSU
- March 30, 2009 "Surgical Management of Crohn's Disease"
Scott Steele, MD, FACS, FASCRS, Chief, Colon & Rectal Surgery, Madigan Army Medical Center, Fort Lewis, WA
- April 6, 2009 "Carcinoid Tumors"
Rodney Pommier, MD, Professor of Surgery, Division of Surgical Oncology, OHSU
- April 13, 2009 "Wound Healing and Scar Revision"
Reid Mueller, MD, Associate Professor of Surgery, Division of Plastic and Reconstructive Surgery, OHSU
- April 20, 2009 "Care of the Traumatically Injured Patient: An Historical Review"
Carrie Allison, MD, Trauma/Critical Care Fellow, OHSU
- April 27, 2009 The 2nd Annual John Campbell Lecture
James A. O'Neill, Jr., MD, J.C. Foshee Professor and Chairman, Section of Surgical Sciences, Vanderbilt University
- May 4, 2009 LIU LECTURE: "The Evolution of Esophagectomy"
To DeMeester, MD, The Jeffrey P. Smith Professor and Chairman, Department of Surgery, Keck School of Medicine, USC
- May 11, 2009 "Vitality and Volatility, a Little Philosophy for Surgeons"
Sara Shumway, MD, Professor of Surgery, Surgical Director, Heart Transplantation, University of Minnesota Hospitals and Clinics

Chairman's Message (continued)

He is a team builder and has organized many multicenter research protocols through cooperative cancer groups. He sits on the Residency Review Committee nationally for urology residencies. Most importantly, Chris is a native son of Oregon having grown up in Coquille, attended the University of Oregon and OHSU. Since leaving OHSU he has received his training at Duke, has practiced for many years in the military, and has been chief of urology in Alabama for the past three years. We are thrilled that he will be joining us and should be able to see patients after March 15. I am deeply indebted to **Brian Druker** and the Knight Cancer Institute for helping making this recruitment possible.

Philanthropic giving seems not to have suffered as much from the economic collapse as I would have predicted. Our endowments, like everyone else's, have shrunken substantially but we have seen new gifts from individuals and companies and a very large gift from a grateful patient to **Brett Sheppard's** research efforts in pancreatic disease and treatment.

The winter and spring stands to be a busy time in the Department of Surgery. We look forward to visits from **John Holcomb, Hans Sollinger, Scott Steele, Sara Shumway** and **Sam Weisman**. The John R. Campbell Lecture in pediatric surgery will be given by Jim O'Neill, the former chair of surgery at Vanderbilt University. The Liu Lecture will be given on April 4 by **Tom DeMeester**, the world's most prominent esophageal surgeon, and chair of surgery at USC.

In concluding this note, I would be remiss not to acknowledge the many challenges our retracting economy will have on the practice of surgery in Oregon and at OHSU. As President Obama prepares to take office in Washington, I have had the opportunity to join a task force pulled together by Senator Kennedy's office to help advise congress on the important elements of health care reform. It is an exciting opportunity to participate in the repair of a broken system. I believe that Senator Ron Wyden from Oregon will play a critical role working on both sides of the aisle and the Senate working with Senator Tom Daschle and the Obama transition team to create new opportunities for patients, physicians and for integrated health systems like OHSU. It's time for all of us to engage in the effort to create a better health care system for America

General Surgery Residency

The high number of medical school applicants who apply for general surgery residency positions at OHSU continues. We have always been incredibly fortunate to draw talented residents to our program as is evidenced by the quality of the surgeons who are training or who have trained here.

For the March match in General Surgery, we have received a total of 836 applications with 757 of those for purely categorical positions. The applicants are so competitive for this year's match, that we will end up doing close to 150 interviews prior to the rank meeting. We have received applications from 111 United States medical schools.

Special congratulations to **Dr. Karen Deveney** for her leadership with the residency program and to **Robin Alton** for her incredible interpersonal relationship skills with the applicants. When the applicants leave OHSU after their interviews, they leave with the impression that this is a place they want to do their training!

Donor Honor Roll

We wish to express our appreciation for the generosity of the following individuals and companies, each of whom has given in excess of \$5,000 towards a Department of Surgery program.

American Surgical Assoc. Foundation

James Wellington Asaph

Darlene L. and James L. Cain

Ethicon, Inc.

Hoffman, Hart & Wagner, LLP

Mark Laurence Jewell

Steve Larson

Robert Martindale

Karl Storz Endoscopy-America, Inc.

The Transplant Organ Foundation of American

United States Surgical

American Vascular Association

Florence M. and James J. Atkinson

Compview, Inc

W.L. Gore & Associates, LLP

Stanley Wallace Jacob

Keybank National Association

Legacy Health System

Salem Hospital Regional Health Services

Synthes (U.S.A.)

Andersen Construction Company, Inc

Norman and Linda Brenden

Albert C. Duell

Kenneth William Hickman

Janet E. Bowen Foundation

Marion L. Krippaehne

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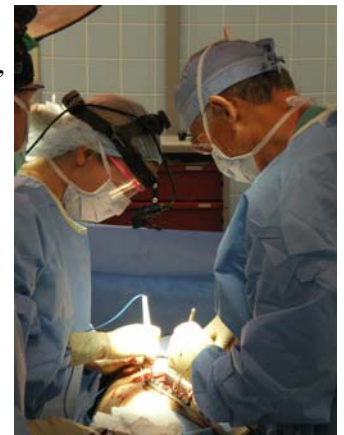
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Tyco Healthcare Group LP-ValleyLab

Military Service

Don Trunkey spent the entire month of May 2008 in Landstuhl, Germany taking care of casualties returning to the United States from Afghanistan and Iraq. During his four weeks, he took care of 25 casualties; most required additional operations once they reached Landstuhl and prior to being airlifted to military hospitals in the US. It also was a great opportunity, since Sandy Wanek (Class of 2003) is now stationed at Landstuhl Regional Medical Center. Don had the opportunity to assist her doing a right thoracotomy on a retired military person who was thought to have cancer of the lung, but it turned out that it was an abscess. It was great news for the patient, and Don thoroughly enjoyed helping Sandy do the case.

During his prior three weeks of caring for military casualties in November of 2006, he took care of 42 casualties. It would appear, from a purely medical standpoint, that the surgery is working, and the casualty load is decreasing. This is good news for our soldiers, since these injuries can be so terrible.



T Dixon (Class of 2007) is currently serving with the U.S. Army in Iraq. Here she is pictured just after performing an emergent thoracotomy where she only had time to throw on a pair of gloves (hence the blood everyone but on her hands). When T returns to Portland, she will be working with Nicole VanderHeyden (Class of 2005) and Tracy Weisberg (Class of 2007) at Salem Hospital.

Acquisitions and Mergers

Katherine Elizabeth Englehart - Born November 3, 2008 in Portland, Oregon to Mike and Jeanette, she joins big sister Noelle.

Coral Gwen Sklenicka - Born October 28, 2008 in Portland, Oregon to Scott and Laura, Coral joins her big sister, Summer.

Esther Lattin - Born November 6, 2008 in Portland, Oregon to Jason (Class of 2008) and Anna Lattin.

Helen Bellanca and Charles Kim (Class of 2007) are engaged to be married at Bridal Veil Lakes on May 31, 2009.

Sloane Marie Sally - Born to Mitch and Smyth Sally on December 24, 2008 in Portland, Oregon

Awards

Susan Orloff, MD, Professor and Chief of Liver and Pancreas Transplantation, secured a grant award from the Department of Health and Human Services, National Institute of Health, for her project, "Cytomegalovirus Chemokine Receptors in Transplant Vascular Sclerosis". Her project has been funded for five years at \$385,000 per year.

The research committee would like to thank all the residents who submitted an abstract for the William Fletcher Travel Award. All abstracts demonstrated excellence in scientific thought and design. After much deliberation and discussion it has been decided that this year's award will be given to **Mitch Sally, MD** for the abstract entitled, "The Use of Genetic Models and shRNA Technology to Inhibit Development of Hepatocellular Carcinoma". Dr. Sally's abstract will now be submitted for presentation at the International Surgical Week in Adelaide, Australia. We wish him the best of luck and congratulate him on his fine achievement. Mitch will be attending the International Surgical Week in Adelaide, Australia.

Stephen Langley, MD, Division of Cardiothoracic Surgery, was awarded \$30,000 from the OHSU Heart Research Center Pilot Program grant for 2009.



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The Surgical Log

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OHSU includes the schools of dentistry, medicine, nursing, and science and engineering. OHSU Hospital and Doernbecher Children's Hospital; numerous primary care and specialty clinics; multiple research institutes; and several outreach and community service units.

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