Our Medical Education building features 65,000 square feet of dedicated space including a simulation center, a telemedicine facility and instructional clinical laboratories where “patients” bring learning to life for our students.

Welcome to the University of California, Irvine School of Medicine where our mission statement is Discover. Teach. Heal. In the realm of teach, we believe in transforming the way we teach our students, where learning isn’t confined to four walls or even our own continent. The world is the limit with our first year medical curriculum completely contained on a digital tablet (including podcasts of lectures and all texts), a 3,000 square foot simulation center (for team training), our Sonosite portable ultrasound technology, our “flipped classrooms” (the lectures are viewed prior to the class, so that homework and problem solving are done during class), and our community and international outreach health programs. In this viewbook, you will learn what sets us apart here at the University of California, Irvine School of Medicine.

Our award-winning faculty from six basic science departments and 19 clinical departments have an innovative approach to teaching as we seek to not only teach the traditional disease based aspects of medicine but also to incorporate classes in the future in which predictive, preventive, participatory health will play an increasing role in the well-being of our nation’s population and the global community. We look forward to seeing you on our campus. Kind regards.

Sincerely,

Ralph V. Clayman, MD
Dean, School of Medicine
Professor, Department of Urology
Here at the University of California, Irvine, our trained, award-winning professors take a hands-on approach to teaching you the skills you need.

Did you know?

Founded: 1896

Our mission: Discover. Teach. Heal

Our vision: To be among the best (i.e. top 20) academic health centers in the United States in research, education and healthcare.

The UC Irvine School of Medicine comprises 25 departments with 43 training programs, 650 clinical faculty, 450 medical students and 700 residents.

In addition, the School of Medicine is responsible for 26 additional practice sites (site of service 11), 5 CLIA approved laboratories and has a multispecialty office building (Gottschalk Clinic). The School of Medicine encompasses, wholly or in part, 16 centers of excellence, including the National Cancer Institute’s Chao Family Comprehensive Cancer Center, and participates in 7 institutes, including the NIH funded Institute for Clinical and Translational Science (Clinical Translational Science Award 2010), NIH funded Institute for Immunology, the only one of its kind in the UC system, and the NIH funded neuroscience Conte Center, one of only 15 in the country.

UC Irvine Medical Center is located in Orange, 11 miles from the UC Irvine campus.

UC Irvine is affiliated with CHOC Children’s Hospital. It also has a strong presence at Long Beach Veterans’ Administration Medical Center, Long Beach Memorial Hospital and Miller Children’s Hospital.
We pride ourselves on diversity in our faculty, our students and staff; diversity at UC Irvine School of Medicine goes well beyond ethnicity, gender and geography as we seek individuals of diverse intellect and life experiences to populate our class.

School of Medicine - By the Numbers

Faculty and Staff:
- Full Time Basic Faculty (Full Time + Joint) – 75
- Full Time Clinical Faculty (Full Time + Affiliate + WOS) – 650
- Volunteer Faculty – 759
- Academic Staff: 800

Students and Trainees:
- Doctor of Medicine – 450
- Genetic Counseling (MS) – 12
- Medical Scientist Training Program – 50
- MS in basic sciences – 30
- PhD in basic sciences – 250
- Postdoctoral fellows – 60
- Residents – 700
- Undergraduates carrying out research in the SOM – 600
First, Best and Only in Research

*From stem cell clinical trials for spinal cord injuries, to transforming autism care in Southern California and ranking 40th in the nation for research*

- Stem cells created by UC Irvine School of Medicine researchers are the cells being used in one of the world’s *first* two stem cell-based clinical trials for spinal cord injury therapies.

- Sue and Bill Gross Stem Cell Center: the *first* California Institute of Regenerative Medicine building to be completed in the State of California solely dedicated to discoveries in stem cell research.

- UC Irvine School of Medicine is ranked among the nation’s *best* research institutes, placing among the top 40 nationally according to *U.S. News & World Report*.

- UC Irvine is the *only* research institution in Orange County — and one of 61 in the U.S. — to receive a Clinical & Translational Science Award from the National Institutes of Health to foster multidisciplinary community-based research.

- A comprehensive regional center for autism care in Southern California was *first* established here at UC Irvine by a $14 million gift/commitment from the William and Nancy Thompson Family Foundation and the Children & Families Commission of Orange County.
Our students have technology at their fingertips. From portable ultrasound equipment to tablet technology, it’s here.

First, Best and Only in Education

*iMedEd digital technology Initiative, ultrasound technology and our state of the art facilities give our students the advantage of all aspects of the digital age*

**First** medical school in the country to develop a philanthropically supported, completely digital tablet-based curriculum. The entire course of study for the year is carried on the digital tablet providing portability and learning on the “go” (i.e. lectures, slides, handouts and books).

Dedicated medical education facility. The 65,000 square-foot Medical Education building contains **first-rate** simulation center, instructional clinical laboratories, telemedicine stations and a teleteaching auditorium.

**First** medical school in the West to develop a complete four-year, diagnostic bedside ultrasound curriculum.

The Program in Medical Education for the Latino Community (PRIME-LC) is the **first** in the country designed to train physician-leaders to serve the distinctive healthcare needs of the nation’s growing Latino population.
Learning isn’t confined to books and four walls. Our students at the University of California, Irvine make sure what’s taught in class is practiced in the community and beyond. We empower our students to apply their healthcare skills.

Community and International Outreach

Changing our community, changing the world

UC Irvine Outreach Clinics run by our students, deliver high quality medical care to individuals who have limited access to health services and insurance. The free clinic offers primary care, preventive medicine, laboratory testing, medication, and healthcare referral services. What’s more rewarding than helping those that need it most?

UC Irvine medical students are traveling around the world to incorporate digital technology, tablet based curricula, and ultrasound technology in hospitals and clinics. iMedEd teams are working in Mexico, Peru, Australia, Nicaragua, China, India and Vietnam to help improve healthcare. Yes, have tablet, will travel.
At every white coat ceremony here in August, our University of California, Irvine medical students are provided with a digital tablet with the first year’s curriculum completely loaded on it along with all of the books they will need for their first year (also loaded electronically on their tablet). The tablet technology and the electronic books (which are uploaded each year for the entire four years of training) are all provided through the generosity and vision of John and Mary Tu. This is the first day of the rest of their medical lives.

How do I Apply?

Requirements
- All applicants must complete the American Medical Colleges Application Service (AMCAS) application between June 1-November 1
- Medical College Admissions Test (MCAT) must have been taken within the three years
- Undergraduate coursework from a regionally accredited institution
- 3-6 strong letters of recommendation
- US citizen or permanent resident

Selection Criteria
- Solid academic foundation
- Exposure to healthcare delivery, research experience and community service
- Personal qualities
- Level of involvement in activities
- Life experiences

Prerequisites
- Biology with labs, 12 semester/16 quarter units, must include one upper division biology course
- Chemistry with labs, 16 semester/24 quarter units to include inorganic, organic and biochemistry
- Physics, 8 semester/12 quarter units
- Mathematics, 6 semester/8 quarter units, to include calculus and statistics
- English composition, 3 semester/4 quarter units

Dual Degree Programs
Medical Scientist Training Program (MSTP, MD/PhD)
Program in Medical Education for Latino Community (PRIME-LC)
MD/MBA
MD/MS in Biomedical and Translational Science Program (MD/BATS)
MD/MPH

More information:
www.meded.uci.edu/admissions
Email: medadmit@uci.edu
Phone: (949) 824-5388
We pride ourselves on quality patient care and utilize the latest in minimally invasive techniques and robotic surgery.

First, Best and Only in Patient Care

*UC Irvine Medical Center is consistently ranked among America’s Best Hospitals and we are home to more than 100 Best Doctors in America*

- **Best** hospital in Orange County ranked by *U.S. News & World Report*. Only Orange County hospital ranked among America’s best hospitals by *U.S. News* every year for the past decade.

- Home to 110 **Best** Doctors in America® who are nationally renowned experts in more than 15 disciplines ranging from anesthesiology to urology specialties.

- Leaders in robotic surgery nationally, especially in prostate, thyroid and gynecological cancers — **first** da Vinci® robot in Orange County, **first** robot-assisted spine surgery on the West Coast, **first** in the West to perform transaxillary robotic thyroidectomies.

- Orange County’s **only** National Cancer Institute-designated comprehensive cancer center (the Chao Family Comprehensive Cancer Center), **only** regional burn center, **only** Level I trauma center, and **first** Joint Commission-certified primary stroke center.
Basic Science Departments

Anatomy & Neurobiology
The Anatomy & Neurobiology (A&N) department in the School of Medicine (SOM) prides itself in its nationally recognized excellence in teaching and research. Most importantly, the department is responsible for the teaching of three major courses to first year medical students, which at 500 hours constitutes almost half of the total number of teaching hours in the entire first year medical school curriculum and places A&N first in teaching responsibilities among all SOM departments. The excellence in teaching by A&N faculty are regularly recognized by local as well as national teaching awards, and is reflected by the performance of our students on national exams. The superb quality of the A&N neurobiology graduate program was clearly demonstrated in the latest NRC rankings.

Ivan Soltess, PhD Professor and Chair
Eva Lee, PhD Professor and Chair

Biological Chemistry
The Department of Biological Chemistry (BC) has 12 full faculty members, among them are one National Academy Member and three hold distinguished professorships (Bell, Bren and Chancellor’s). Our faculty members have consistently won University teaching awards and many have been invited locally as well as all over the globe as keynote speakers and illustrious guests. In addition, BC faculty have ensured a rich and diverse research environment. Professor Masayasu Nomura has received continuous funding from NIH for the past 50 years. In addition, we have a training grant that has been established to support graduate students and postdoctoral fellows. Our diverse research fields include the mechanisms for the synthesis of proteins and the ribosome, protein modifications that are critical to their functions, genes that determine susceptibility to cancer, investigations on germ cell and stem cell biology, biochemistries of enzymes that link to various characteristics of the nucleus and mitochondria genomes, transcription factors and signaling pathways that are critical to development and diseases. We conduct translational research as well as basic studies employing various organisms. Our program guides 40 graduate students and over 100 medical students through the rigors of biological chemistry with tools that foster creative and critical thinking as well as problem solving. BC alumni have moved on to work with and lead in renowned organizations and institutions (NIH, Science, Nature, National Health Research Institute in Taiwan) and industry (Allergan, Focus Diagnostics, Zymo) worldwide The Departmental Program is ranked above average compared to the rest of the nation.

Ivan Soltess, PhD Professor and Chair
Eva Lee, PhD Professor and Chair

Epidemiology
The research focuses on the study of genetic and environmental factors in the etiology, prevention and progression of acute and chronic diseases in human populations. The Department of Epidemiology has a long history of securing significant NIH funding consistently for the last 20 years. Faculty in the department have approximately 150 peer-reviewed publications per year. Three faculty serve on NIH study sections as well as additional faculty that serve on the NCI Board of Scientific Advisors or act as consultants for NIH divisions. Currently the Department houses one of the largest and most informative research biorepositories. The research and training in the department of epidemiology is also enhanced by having an ORU, the Genetic Epidemiology Research Institute, which is dedicated to fostering a multidisciplinary research environment. The PhD program has been highly successful with an 80% graduation rate.

Hoda Anton-Culver, PhD Professor and Chair

Microbiology & Molecular Genetics
The Department of Microbiology and Molecular Genetics consists of 12 full-time faculty who have outstanding records in research, education and service. With respect to research, the department ranks 10th out of 95 Microbiology departments in the US for NIH grant funding, with $20,099,515 in direct costs during 2009/2010. These grants include the 2nd largest grant on campus (NIH Regional Center of Excellence Award in Biodefense and Emerging Pathogens), the 5th largest grant on campus (Gates Foundation FNIBH grant), and 3 NIH MERIT awards.

Roz Sandri-Goldin, PhD Professor and Chair
Department Quality

Anesthesiology & Perioperative Care
During the last three years, under the energetic and capable leadership of Dr. Zeev Kain, the Department of Anesthesiology & Perioperative Care has undergone a sea change and is now considered a national leader in multiple areas. DISCOVER: We have gone from 3 industry grants for less than $100,000 in 2007 to more than 15 grants, including 10 NIH grants, for more than $5 million today. In 2009 the Department ranked 29th nationally for NIH funding. The department has more than 50 publications in top-tier journals this year and faculty have given more than 60 national and international presentations. TEACH: Our Residency Program is one of only 40 of the 131 U.S. Anesthesia residency programs that have 5-year accreditation and among the 19% of U.S. Anesthesiology programs that are approved as 4-year programs. In fact, UCI is now one of only 2 California Anesthesia residencies to be a 4-year program with full 5-year accreditation. HEAL: In 2010 the Department of Anesthesiology & Perioperative Care was honored with 3 Joint Commission Site of Excellence commendations as well as CMS Best Practices commendation for the pre-operative clinic, sedation services and overall anesthesia care. In 2011 we were awarded the Perioperative Service of the Year award by Surgical Information Systems; the basis of this award was further corroborated by a recent survey of UCIMC surgeons and patients. Furthermore, the operating rooms are now run by the OR Operations Officers, who are Department of Anesthesiology & Perioperative Care faculty appointed by the Operating Room Executive Committee; this has resulted in more efficiency and better patient care.

Dermatology
The Department of Dermatology has been transformed over the past 6 years, and is now nationally recognized as a leading program for clinical practice, research and teaching. With over $1,000,000 in peer review funding, the department of Dermatology is #24 in the country with regard to NIH sup-

awards. In addition to NIH funding, faculty have been awarded extramural funds from the California Institute for Regenerative Medicine (CIRM), the American Asthma Foundation (AAF), the Infectious Diseases Society of America (IDSA), the European Union and Allergan. The faculty are highly distinguished.

Pharmacology
The Department of Pharmacology is characterized by a great variety and remarkable quality. The strength of our group is the successful convergence of various conceptual and experimental approaches, bridging together signal transduction, cell and molecular biology, behavioral and classical pharmacology. Through excellence in teaching (Pharmacology has its own PhD program) and research, the Department has the unique feature to constitute a link between academic research, clinical applications and pharmaceutical industry. Thus, it is the ideal interface for translational biomedical research. The Department of Pharmacology at UCI includes several national and international leaders in the field, and it places itself among the best in the US. As example, two Professors (Civelli, Sassone-Corsi) are ISI Highly Cited (within the top 0.5% of all cited biomedical researchers), three have endowed Chairs (Civelli, Piomelli, Sassone-Corsi), one is Director of a School of Medicine Center (Sassone-Corsi) and three have an h-index much higher than the 44 average for the faculty (Civelli 59, Piomelli 64, Sassone-Corsi 86). Finally, several faculties have received numerous national and international awards in teaching and research.

Physiology & Biophysics
The faculty of the department participate in a wide spectrum of research activities. At one end of this spectrum are large and medically relevant questions, such as the mechanisms that induce the immune response in humans and the molecular bases of diseases. At the other end are the physical descriptions of simple chemical processes and structures that mimic the behavior of cells or components of cells, such as artificial membranes and synthetically produced small fragments of proteins. The largest part of the departmental research falls between the entire medical and the entire molecular, and its objective is to understand how proteins function in catalyzing metabolically important reactions in cells, how signals such as those carried by hormones are transmitted from one cell to another, and how specialized cells such as muscle fibers perform their intended functions.

Clinical Departments
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Development and Consulting.

- Two faculty members (Koenig and Schultz) authored the definitive textbook in the field.
- The Center for Trauma and Injury Prevention Research has procured more than $2 million in external research funding in the past 5 years. Given the relative recent development of Emergency Medicine (and no dedicated NIH institute), this is substantial funding in our specialty.
- Our graduates have assumed leadership positions, including 16 in academics and more than 20 as ED directors. Seven have served on the Board of Directors of the state organization, two residents have been national resident Presidents of our major society, and 4 UCI medical students have been national student Presidents.
- Half of residents in the past four years have gone on to fellowships or earned Master degrees in business, education or public health.
- The ED is the portal of entry for the majority of hospital admissions and thus supports all the teaching services. The ED is the critical entry point for each of UCIMC’s “designations” of excellence: stroke, heart attack, trauma and burn.

Emergency Medicine
The Department of Emergency Medicine is highly regarded and has distinguished itself on a national level in many areas:
- Ultrasound in clinical practice and medical education (Fox). UCI is the first West coast medical school and the second medical school in the nation to completely integrate bedside ultrasound into all four years of education.
- Three faculty members (Koenig, Schultz and Schreiber) and our ED Nursing Director (Bradley) have established a school Center which has earned a reputation for cutting edge research, policy development and consulting.
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Family Medicine
The UC Irvine Department of Family, Community, and Geriatric Medicine has undergone a major transition. Dr. Laura Mosqueda accepted the interim chair in November 2010, and officially accepted the position as Chair of the Department in June 2011. Her vision for the department is: To be one of the top ten departments in the country for caring for underserved populations. There are 17.25 faculty. In the realm of Geriatrics, our Center of Excellence on Elder Abuse and Neglect is nationally recognized for its research and its prevention program. The Orange County Elder Abuse Forensic Center which was founded by Dr. Mosqueda was awarded a 2011 National Victims’ Service Award by US Attorney General Eric Holder and the Department of Justice. Our trainers educate medical professionals, coroners, judges, peace officers and lay audiences in Elder Abuse and Neglect nationally and internationally. The Department has a diverse faculty, many of whom are bilingual and multicultural. The faculty is 67% female; underrepresented minorities comprise 5% of the faculty.

Department Quality

Medicine
As the largest Department in the School of Medicine (SOM), the Department of Medicine (DOM) is comprised of 622 members in 11 divisions with an annual budget of $46.6 million. Medicine faculty provide core staffing for the inpatient medical services at the UC Irvine Douglas Hospital and University Tower Hospital as well as outpatient primary care and specialty clinics. Internal Medicine is the largest education program in the SOM with 94 residents and 75 fellows. Additionally, DOM holds the largest extramural awards portfolio in the School of Medicine at $37M for all DOM appointed faculty. The grant award portfolio for extramural research support administered by DOM is $11.7M. The Department has notable achievement in each of the core missions: Discover.Teach.Heal. The average impact factor of the journals was 4.865 as reported by ISI Web of Science.
Neurological Surgery

The Department of Neurological Surgery provides all neurosurgical services at UCIMC including 24 hour coverage each day of the year enabling the trauma system and the emergency care system to function for the County of Orange as its only Level I trauma center. The Department’s residency program in neurological surgery was reaccredited by the ACGME in 2008 and there are now six residents in training. Consultative and surgical care is provided by the Neurosurgical service to many other UCIMC clinical departments and to the community as a whole. The Department has active research activities including research in normal pressure hydrocephalus, neuro-oncology and spinal cord injury. Residents in neurological surgery spend a full year of their overall rotation in research activities and the Department has had residents working on research projects in the Reeve-Irvine Research Center and the Beckman Laser Institute.

Neurology

The Department of Neurology at UC Irvine has an international reputation for fundamental and clinical research in some of the most prevalent and serious health issues of our society. The faculty are world leaders in basic scientific research in Alzheimer’s Disease and Neurodegeneration, Aging, Neural Repair, Epilepsy, Neuro-Oncology, and Neuro-Immunology. These excellent clinical services are supplemented by superb breakthrough experimental therapy programs in Stroke, Epilepsy, Multiple Sclerosis, Parkinson’s Disease and Movement Disorders, Amyotrophic Lateral Sclerosis and Neuromuscular Diseases, Alzheimer’s Disease and Memory Disorders, and Brain Tumors. UCI Neurology is among the top 20 most highly funded Departments of Neurology in the U.S. according to the National Institutes of Health, and the faculty routinely publish in the best academic journals in the world, and are invited to give addresses at Conferences and Academic Institutions worldwide. Our faculty have won numerous awards for clinical care (including local and national “top doctors” awards); four of our doctors have been recognized as “Best Doctors” in America. In addition, our faculty have won prestigious research awards, including a Pew Scholarship, Lifetime Achievement Awards in Alzheimer’s Disease and Epilepsy, and special merit awards from NIH.

Obstetrics & Gynecology

The Department of Obstetrics and Gynecology is one of the core clinical disciplines and one of the larger academic departments in the School of Medicine. The department is organized into clinical divisions representing the major subspecialties within the field of Women’s Healthcare: General Obstetrics & Gynecology, Gynecologic Oncology, Gynecologic Oncology, Maternal Fetal Medicine, Reproductive Endocrinology & Infertility (inactive) and Urogynecology & Pelvic Reconstructive Surgery. We have been perennially recognized among the US News & World Report Best Hospitals for Gynecology over the last decade and are currently ranked #30 in the United States. Eight of our 21 full time faculty are listed annually among the Best Doctors in America. Despite having only one basic science laboratory and PhD researcher, the Department is ranked #43 among all Ob/GYN programs in NIH funding for 2010. Our residency has always been amongst the most coveted programs in the country, providing us with the opportunity to attract some of the very best medical students in the country from within the UC system and nationally. One of our residents has won the prestigious Sterling Staph Award given by the graduating senior medical school class to the single best resident teacher of the year. Our faculty, particularly in Gynecologic Oncology and Maternal Fetal Medicine, are recognized leaders both nationally and internationally, for their clinical expertise and research accomplishments. Our Department serves as the home for the Gynecologic Oncology Group, the largest collaborative research group in the field and several of our faculty serve on NIH study sections.

Ophthalmology

The Department of Ophthalmology is well regarded throughout the United States. The department is very heavily involved in research; in 2010 the department ranked as #33 in NIH funding. Consistently, 10 out of a total of 17 (59%) ophthalmologist clinicians are listed in Best Doctors in America, representing fully 12% of all of UC Irvine’s Best Doctors. All of the clinical and research faculty teach and lecture in national societies, and at least 5 clinicians and 3 basic science faculty have widespread experience in delivering the highest level of care and teaching the next generation of ophthalmologists.
Department Quality

Orthopaedic Surgery

Departments of Orthopaedic Surgery within U.S. Schools of Medicine provide both conservative and surgical care to patients with musculoskeletal conditions. As with most fields of surgery, sub-specialization has evolved to create eight distinct disciplines within orthopaedic surgery. At the University of California, Irvine, we currently have 10 surgeons, two PhD scientists, and one non-operative clinician. As such, we have carefully chosen sub-specialities for areas of recognized excellence based on the on-going needs of UCIMC as a Level I Trauma Center and the strengths of the Chair as an NIH funded surgeon-scientist. The focus of our department has been to provide consistent, excellent clinical care with a research theme of therapeutic neuroscience in the related clinical sub-specialties of trauma, spine, and hand & upper extremity surgery. As UCIMC is a Level I Trauma Center, we are the only hospital in Orange County to provide the highest level of orthopaedic trauma care with two fellowship-trained orthopaedic traumatologists. From a research standpoint, the Department has been successful in attracting significant NIH funds; currently the Department is ranked #29 in the country with regard to NIH funding.

Otolaryngology

The Department of Otolaryngology – Head and Neck Surgery was ranked in 2011 among the top 50 programs in the United States by U.S. News and World Report. The department continues to excel in all three areas of the School of Medicine’s mission. We rank 21st in the Nation in research funding from the National Institutes of Health for Departments of Otolaryngology. Approximately $1.5 million of additional NIH funding administered through Beckman Laser Institute is not currently credited to the department in these rankings. If this funding were counted our ranking would be #12. Our residency program remains highly competitive, with over 200 applications for three positions. In sum, the Department of Otolaryngology is now recognized as one of the top programs in the country; it is anticipated that with our ongoing expanding clinical and research base that our ranking will continue to climb.

Pathology & Laboratory Medicine

With an annual test volume of over 5 million, the pathologists of UC Irvine oversee the largest hospital and referral based laboratory operations in Orange County. UC Irvine Pathology ranks in the top 50 nationally in NIH funding. The department has a research portfolio approximating that of the other SOM basic science departments, with over $5 million in grant funding annually. Dr. Dan Mercola received the prestigious Early Detection Research Network (EDRN) award from NIH ($4.8 million over 5 years), while Dr. Ed Monuki, has received significant funding ($1.7 million from the California Institute for Regenerative Medicine and over $2.8 million from NIH over the next 3 years) and plays a key role in the Gross Stem Cell Center. Luis de la Maza has been a national leader in virology and infectious disease; he has been the recipient of millions of dollars in private and public funding over the past 20 years. The Department educates all 2nd year medical students, providing the most contact hours of any School of Medicine department. The department was voted the best teaching department in 8 out of the last 10 years, with 3 faculty receiving the outstanding teaching award.
from students. The Department stands as a key leader for the development of the Center for Personalized Medicine, helping UC Irvine to establish this only one of its kind facility in Orange County. The Molecular Diagnostics clinical laboratory currently provides cutting edge tests for targeting Plavix, for example, with genotyping via an FDA-approved Amplichip technology; a test offered only in a few centers nationwide.

**Pediatrics**
The department is the second largest clinical department in the SOM with 46 full time faculty (37 MDs, 6 PhD and 3 MSc) and 146 staff. Five of the faculty were named as “Best Doctors” in America. Our total research funding is $14.5M; Federal grants are at $13M ranking the department as #40 in the country. UCI SOM now has the only training pediatric program on the west coast with affiliations with two free standing Children’s Hospitals (approx 600 beds). The combined UCI sponsored residency program will be training over 90 pediatric residents at CHOC Childrens and Miller Children’s Hospital at Long Beach. Roughly 20 % of the trainees come to us from the top 20 Medical schools in the US among whom there are commonly 3 AOA students. The Board Pass rate for our graduating residents is 88 – 90%.

**Psychiatry & Human Behavior**
For many years, the Department of Psychiatry and Human Behavior (DP) was considered the #1 public university department of psychiatry based on research funding per FTE according to the AAMC; the 2009 ranking places the Department at 27th among all departments of psychiatry nationwide with $8.3M in NIH funding. Also, the department was often the number 1or 2 department in extra-mural funding at the SOM. The faculty are well known in their respective areas of interest and their publication record is outstanding. From a teaching standpoint, the clinical experiences for the medical students have always been well-received and for two years in a row the department received the best clerkship award from the medical students. The faculty are frequent nominees for teaching awards. We exceed the national average in percentage of students going into psychiatry and one year had the highest percentage in the country. The residency program is one of the most competitive programs in the country. This year the 9 residency slots were all filled from our top 15 ranked candidates. The residents’ performance on the board examinations is outstanding; indeed the residents frequently score in the 90th percentile on the annual PRITE exam which compares residents nationwide to their peers. Finally, UCI graduates have performed well in a variety of venues with some becoming leaders in local medical organizations.

The Department's clinical programs are highly regarded regionally and the faculty frequently are the recipients of referrals of complex patients. The outpatient arena has continued to grow with the full implementation of the clinic at Centerpointe.

**Physical Medicine & Rehabilitation**
UC Irvine Dept of PM&R is considered one of the best academic PM&R departments in the United States. The residency training program integrated with Long Beach VA & Memorial affiliates attracts better applicants than other California programs. The Department is one of few PM&R departments with strong research programs, especially in related basic science research. Recently, the Department initiated the 1st clinical trial of human adult stem cells for spinal cord injury. A. Anderson received UCI Chancellor’s Award for Excellence in Undergraduate Research Mentorship 2006. H-index is 22 for A. Anderson and 29 for B.Cummings. Among the full time department paid faculty 23% are female; among the total faculty of 39, 38% are women.

**Radiation Oncology**
The Department of Radiation Oncology is differentiated locally in being the only University and NCI Comprehensive Cancer Center based program in Orange County. As such the department participates in clinical trials and is the only site in the county with a residency training program. The Department offers a spectrum of clinical services, educational and research activities as listed:
Cont. Radiation Oncology
• External beam radiotherapy utilizing multimodality imaging (CT, MRI, PET-CT, etc.) for tumor localization. Treatment planning and delivery is carried out using advanced software and hardware that include volumetrically modulated arc therapy (VMAT) utilizing the RapidArc™ software.
• Brachytherapy: the Department has an active high dose rate program for gynecologic malignancies, soft tissue sarcomas and other sites suited for this form of treatment.
• Treatment of liver cancer (primary hepatocellular carcinoma and liver metastases resulting from gastrointestinal sites, e.g. colon) using Y-90 radioactive microspheres. This modality is carried out in collaboration with the UCI hepatobiliary service, interventional radiology and nuclear medicine. UCI has had the largest experience in offering this modality in Orange County.
• The Department is accredited by the Radiological Physics Center (RPC) and Quality Assurance Review Center (QARC), two national bodies that qualify centers for participation in national clinical trials.
• Residency programs in Radiation Oncology and Radiation Physics with 100% passing rates for national boards.
• Among the eight faculty, there are four (3 physicians + 1 medical physicist) under the URM category with one female Radiation Oncologist. In the department, 12.5% are female faculty and 50% are underrepresented minority faculty.
• The department average annual total extramural grant funding for the past three years is $1,638,358.

Radiological Sciences
The Department of Radiological Sciences at the University of California, Irvine enjoys a national or international reputation in four of the clinical sub-disciplines and in two of the basic and translational sciences areas. Neuroradiology is led by Dr. Anton Hasso who is past President of the American Roentgen Ray Society and a recent Gold Medal winner of the American Society of Neuroradiology. Musculoskeletal Radiology includes two members with international reputations in their fields – Drs. Jamshid Tehranzadeh and Hiroshi Yoshioka. Interventional Radiology includes the Department Chairman, Dr. Scott Goodwin, the current Secretary of the Society of Interventional Radiology (SIR). He will be President of the SIR in two years. Dr. Stephen Feig is internationally known for his work on breast imaging. Drs. Hasso, Goodwin and Feig perennially make the America’s “Top Doctors” list. Among the Radiological Sciences basic and translational science faculty, Dr. Sabee Molloi currently has three major National Institutes of Health grants, and is the scientific program director for the American Association of Physicians in Medicine. He is nationally and internationally known for his work in medical x-ray imaging. Dr. Orhan Nalcioglu leads the Center for Functional Oncologic Imaging. He is the recipient of multiple awards and is internationally recognized for work in multiple imaging disciplines including Molecular Imaging and Magnetic Resonance Imaging.

Surgery
The Department of Surgery is known for clinical excellence, particularly in the area of providing novel surgical techniques that offer minimally invasive treatment of complex surgical problems leading to less debilitating, more optimal patient outcomes. In our fulltime faculty we have a number of nationally renowned experts in minimally invasive surgical approaches. These include Dr. Ninh Nguyen in the area of esophageal and gastric surgery, Dr. Michael Stamos in the area of minimally invasive colon surgery, Dr. Roy Fujitani in the area of minimally invasive surgery of vascular diseases including aortic aneurysms, and the newest member of our department, Dr. Alessio Pigazzi, a nationally renowned expert in the robotic treatment of rectal cancer. This minimally invasive approach distinguishes us throughout Southern California.

Many of the faculty are recognized as “America’s Top Doctors”, “Best Doctors in America” (13 of our 23 full faculty), and “Southern California Super Doctors”. In addition, five of our 23 full time faculty are members of the American Surgical Association, the oldest and most prestigious surgical organization in the United States.

Urology
The Department of Urology at the University of California Irvine has been ranked by U.S. News and World report as one of the top 40 programs in the United States consistently over the past 4 years; the rating was in the top 20 for two of those years – the highest rank achieved in the School of Medicine over the past 5 years. The Urology Department currently ranks 43rd in NIH funding thanks to the outstanding basic science work of Dr. Zi. Additionally, our animal laboratory
continues to produce innovative work on minimally invasive Urology topics including active projects on bioengineering bioengineering reconstruction of the urinary bladder, and optimizing the technique of renal ablation with surgical pharmaceuticals. Our translational projects are bearing fruit and Dr. Thomas Ahlering has made progress on moving his cooling catheter project towards clinical fruition. The intellectual property involved with this device having been developed by Dr. Ahlering in the Department of Urology.

Regarding teaching, the Department of Urology will be hosting two national level courses this year, and the outreach programs run through our laboratory have hosted over 1,100 people during the past year. Similarly, we have increased the number of participants in our regular high school outreach program, and the summer mini-medical school program. Regarding healing, the Department of Urology has a remarkable faculty with international distinction. Six members of the ten clinical faculty are rated nationally as “top doctors.” The faculty has grown with professor-level physicians of international level expertise including Dr. Jaime Landman, an expert in minimally invasive urology and kidney cancer, and Dr. Gamal Ghoneim who is internationally recognized as an expert in female urology and pelvic reconstructive surgery. Additionally, Department of Urology faculty have been instrumental in the creation and current are directors of the multidisciplinary robotic oncology center, the ablative oncology center and the surgical education center (formally CREST). These two innovative centers are bringing cutting edge treatment options to our patients.

On a national level, 5 of our ten clinical faculty are fellows of prestigious national organizations, and five of the ten have also received significant national and international awards. Three of our faculty are elected members of the American Association of Genitourinary Surgeons, the most prestigious academic urology organization; this association has only 75 members nationwide. We have received two UCI campus award (ARISE), and two junior faculty members have received prestigious grants. The Urology faculty mean H-index is 15.5 (range 2 to 56).