

## HEADLINES

### **Fifth Annual Biomedical Research Symposium “Image-Guided Therapy”**

Wednesday, November 12, 2008

8:30 AM - 6:00 PM

Biomedical Science Research Building (BSRB) Auditorium

The Fifth Annual Biomedical Research Symposium will take place on November 12, 2008. This year's topic is "Image-Guided Therapy." The goal of this yearly symposium, sponsored by the Office of Research and Biomedical Engineering, is to foster networks and collaborations within and outside the University in topics at the forefront of science and medicine. This year's symposium will focus on advances that integrate imaging into various therapeutic procedures. Three major foci of the symposium are imaging sciences, molecular imaging, and clinical systems for image-guided therapy. Internationally recognized experts will address these topics, and describe the challenges and opportunities that lie in cross-disciplinary research and clinical developments. Researchers at U-M are invited to present their work at a poster session.

- **Call for Abstracts**

**Deadline: October 9, 2008**

The Office of Research is soliciting abstracts for this symposium. Abstracts from a broad range of interrelated topics and disciplines will be selected for the poster presentation. The abstracts must be limited to 250 words and include the title. For each author, list at least their name, department or division, and institution. Registration for the symposium is required in order to submit an abstract. To register and submit an abstract for the symposium, go to (<http://www.med.umich.edu/medschool/research/symposiums/2008>).

- **Registration**

**Deadline: October 22, 2008**

To attend the symposium, please register online at (<http://www.med.umich.edu/medschool/research/symposiums/2008>).

Contact Kathryn Ridner at ([kridner@umich.edu](mailto:kridner@umich.edu)) or 734-763-4086 with questions.

### **Clinical Research Masters Program - Call for Applications**

**Deadline: October 17, 2008**

The Clinical Research Masters Program (CRMP), formerly called the K30 Training Program, is a 2-year course of study offered in conjunction with the School of Public Health's weekend-based On Job/On Campus program ([http://www.sph.umich.edu/exec\\_ed/ojoc](http://www.sph.umich.edu/exec_ed/ojoc)). The program was

founded in 1999 and is NIH supported. Its specialized curriculum trains healthcare professionals for academic careers in clinical research and leads to a Master of Science degree in Clinical Research Design and Statistical Analysis from the Rackham School of Graduate Studies.

The CRMP provides opportunities for education in clinical research design and hands-on clinical research under the guidance of an individual scientific advisory committee. Through this program, trainees acquire biostatistical skills and knowledge in specific areas of clinical research such as drug development and clinical trials, health services research and translational research. They learn how to properly design a clinical research study and follow the requirements for human subject protection, ethical principles and research integrity essential for the conduct of human subject research. Trainees will also gain experience in the preparation of well constructed grant applications and learn to identify appropriate research funding options. The program strongly emphasizes mentoring and guidance in career development.

Eligible applicants are University of Michigan postdoctoral fellows in clinical departments, junior faculty and health care professionals interested in enhancing their careers in clinical research. Individuals who hold one or more of the following degrees, are encouraged to apply: M.D.s, D.D.S., D.O.s, doctorally prepared nurses, Ph.D.s with clinical responsibility and Pharm.D.s. Candidates should intend to pursue an academic career that involves clinical research. Applicants must be a U.S. citizen or permanent resident. For more information about the program and application, visit (<http://www.michr.umich.edu/K30>). Please direct any questions to Maggie Helms ([mhelms@umich.edu](mailto:mhelms@umich.edu)).

### **Third Annual Michigan Metabolomics and Obesity Center (MMOC) Symposium**

Tuesday, October 14, 2008 – 4:00 - 5:00 PM

Wednesday, October 15, 2008 – 8:00 AM - 4:00 PM

Forum Hall, Palmer Commons

**Deadline for abstract submission and registration:  
October 1, 2008**

The University of Michigan scientific community is encouraged to attend the MMOC symposium on October 14-15, 2008. This event will feature speakers from the university community and others who will present research on metabolism, metabolomics and obesity. Sessions include: keynote address, short presentations, poster session, and Q & A session. CME credit is offered. For complete agenda and further information, please visit (<http://www.med.umich.edu/mmoc/events>).

# RESEARCH COMPLIANCE TRAINING AND EDUCATION

## Human Research

### Assent Template for Children in Research Now Available on the IRBMED Website

The IRBMED has developed an assent template for researchers to use in developing an assent document appropriate for children ages 10 to 14. It is available at (<http://www.med.umich.edu/irbmed/ict.htm>). Below are frequently asked questions about assent. More information is available on the IRBMED website at (<http://www.med.umich.edu/irbmed/guidance/assent.html>).

#### Why must IRBs and researchers consider assent?

Federal regulations require, "The IRB shall determine that adequate provisions are made for soliciting the assent of the children, when in the judgment of the IRB the children are capable of providing assent." The IRB must make the determination for each protocol that includes children. The IRB must require child assent unless it can be appropriately waived. 45 § 46.408 & 21 § 50.55

#### What is assent?

"Assent" means a child's affirmative agreement to participate in research. Mere failure to object should not, absent affirmative agreement, be construed as assent. This means the child must actively show his or her willingness to participate in the research, rather than just complying with directions to participate and not resisting in any way. A child's authority to say "No" to participating in research. 45 CFR 46.402(b), 21 CFR 50.3(n)

#### What is an assent process?

It is a reasonable effort to enable the child to understand, to the degree they are capable, what their participation in research would involve. It is not identical to the consent process. Parents retain responsibility to protect the child from risks. The assent should focus on elements important to the child (e.g. pain, time). Foremost, when assent is required by the IRB, parents and researchers must adhere to the child's decision.

#### What if the parent and child disagree?

"If a child is capable of assent and the IRB requires that assent be sought, it must be obtained before the child can participate in the research activity. Thus, if the child dissents from participating in research, even if his or her parents or guardian have granted permission, the child's decision prevails," HHS Office of Human Research Protections.

#### How does the IRB determine when children are capable to assent?

Regulations direct IRBs to consider:

- Age and maturity of the children.
- Psychological state of the children.
- Nature of the proposed research activity.

Regulations give IRBs flexibility in deciding which children an investigator must assent. A judgment may be made for all children to be involved in research under a

particular protocol, or for each child. The IRB's outcome should be suited/delineated for the study at hand.

#### When can the IRB waive assent?

There are three waiver options:

1. Capabilities of some or all children is so limited they cannot be consulted.
2. Study offers important benefit unavailable outside of the research.
  - When the study offers a treatment that is thought to be a better option than those currently available, or it offers the only alternative. (NCI)
  - Criterion of "potential direct benefit" is not sufficient to grant this waiver.
3. Assent can also be waived under the same criteria as a consent waiver:
  - The study is minimal risk.
  - Subjects' rights and welfare aren't adversely affected.
  - Assent is not practicable (for reasons other than children's capabilities).
  - When appropriate, the subjects will be provided pertinent information.

## Animal Research

### New ULAM Training Core

There have recently been some changes in how training in animal care and use will be provided for research staff at the University of Michigan. This training is based on regulatory requirements (PHS policy and the Animal Welfare Act) and the commitment of the University of Michigan to ensure that animal research performed here is done in the most humane and effective manner. As the animal research program has grown over the years, it has become necessary to increase staff and develop new ways of providing support to animal users. For example, the UCUCA Office had only one trainer to serve the needs of the research community (4000 people), which is well below that at peer medical schools. ULAM also has internal training needs, much of which overlap with the training provided by UCUCA. In order to improve the utilization of training resources, increase the coordination of training activities and messages, and reduce redundancy in training, all of the training provided by ULAM and UCUCA will be combined into a centralized unit. To this end, the **ULAM Training Core** has been created. By having trainers from each area work together, we plan to improve the consistency and availability of courses offered to all of our customers.

The training core offices and wet lab have moved from the North Ingalls Building (NIB) to the Life Sciences Institute Building (LSI). Training will be coordinated through the Training Core rather than the UCUCA office.

#### Training Core Offices

Location: 1016 LSI

Phone: 734-763-8039

Email: [ulamtraining@umich.edu](mailto:ulamtraining@umich.edu)

Website: <http://www.ulam.umich.edu/training.htm>

### **Staff Structure**

Faculty Supervisor: Melissa Dyson, DVM, MS, DACLAM  
Research Staff Training Specialist: Melissa Rogers, LVT  
Clinical Training Specialist: Lori Roberts, LVT, LAT  
Husbandry Training Specialist: Daphne Molnar BS,  
CMAR, RLATg  
Husbandry Trainers: Chris Mannor, BS, LAT and  
Shelly Yakich, LAT

## **FREQUENTLY ASKED QUESTIONS**

The frequently asked questions (FAQs) highlighted here come from a list of FAQs for research maintained by the Office of Research. To see the complete list, visit (<http://www.med.umich.edu/medschool/research/faq.htm>).

### **Q) How do I search for funding opportunities?**

**A)** Visit the Medical School's Office of Research funding webpage (<http://www.med.umich.edu/medschool/research/support/funding.htm>). This webpage contains a link to M-Quest (a database of opportunities for grants, honors, prizes and fellowships created and maintained by the Office of Research) as well as information on email alert groups, internal grant programs, upcoming limited submissions, and links to extramural funding search engines.

### **Q) What is the process for extramural grant submission?**

**A)** At the University, applicants to external sponsors are required to receive review and approval from their home unit, school/college, and institution before sending an application to the sponsor. The review includes all resource commitments (effort, space, budget) as well as information about the project that may need compliance review. The best way to start the process is to contact your department grants administrator – visit (<http://www.med.umich.edu/medschool/grants/contacts.html>) for a list by department. Additionally, the school's Grant Review & Analysis office is always happy to field questions. You can contact them by phone (734-763-4272) or email ([msgrants@umich.edu](mailto:msgrants@umich.edu)), or visit their website (<http://www.med.umich.edu/medschool/grants>).

## **GRADUATE AND POSTDOC STUDIES**

### **Graduate Student Awards Ceremony and Ice Cream Social**

Wednesday, September 24, 2008

1:30-3:00 PM

MSRB III/MS II Courtyard (In case of rain: 2955 Taubman Medical Library-GAPS Conference Room)

The Graduate Student Council (GSC) cordially invites you to the Graduate Student Awards Ceremony and Ice Cream Social. The Graduate Student Awards for Excellence in (1) Research and (2) Teaching and Service will be presented. Please contact PIBS at 734-647-7005 for further information.

## **FUNDING/AWARD OPPORTUNITIES**

Abstracts listed here are meant to raise awareness about funding opportunities. We strongly urge interested applicants to visit the listed website to verify complete eligibility, program information, and application procedures before submitting an application.

To search for other funding and recognition opportunities, visit (<http://www.med.umich.edu/medschool/research/support/funding.htm>). This webpage contains a link to M-Quest (a database of opportunities for grants, honors, prizes and fellowships created and maintained by the Office of Research) as well as information on email alert groups and upcoming limited submissions.

### *Internal Submissions*

### **UM Comprehensive Cancer Center Prostate SPORE Deadline: October 9, 2008 (5:00 PM)**

The UM Comprehensive Cancer Center Prostate SPORE (Specialized Program of Research Excellence) provides support for the investigation of prostate cancer. The Prostate SPORE is a five-year grant funded by the National Cancer Institute. Awards will be made for projects exploring a new direction for a program; nurturing an innovative idea; exploring an unconventional but potentially important hypothesis; or testing the feasibility of a research protocol. For funding consideration, proposals must be related to prostate cancer and preferably translational in nature although this is not required. Previous experience in prostate cancer research is not necessary. This program seeks research projects directed toward understanding the mechanisms involved in prostate cancer development or a cure of prostate cancer.

Successful applicants become members of the UMCCC Prostate SPORE and participate in SPORE meetings. In addition, investigators have the opportunity to use the Prostate SPORE Tissue Core and Biostatistics Core. There are two funding mechanisms available:

- **Pilot Projects** – Awards will be made for up to \$50,000 for one year.
- **Seed Grants** – Awards will be made for up to \$10,000 for one year. Past awardees have used this mechanism to fund student researchers.

For complete information, visit ([http://www.cancer.med.umich.edu/research/uro\\_spore.shtml](http://www.cancer.med.umich.edu/research/uro_spore.shtml)).

### **UM Center for Computational Medicine and Biology (CCMB) Pilot Research Grant Program Deadline: October 20, 2008**

The CCMB is committed to developing and applying computational and informatics approaches in biomedical research through faculty interactions, our academic program and seminars, major interdisciplinary research, and Pilot Projects. One of the key aims of this process is to stimulate new collaborations and bring resources of the CCMB to the attention of the University community. The CCMB announces its Pilot Research Grant Competition for 2008 (FY2009). The goal is to bring together research faculty in different fields (computational/mathematical/statistical/informatics and biological/chemical/clinical/translational) in joint projects which will foster successful future proposals to NIH or other funding agencies.

Proposals for the Pilot Research Grant Program require a pairing of a computational/mathematical/statistical/informatics PI with a biological/chemical/clinical/translational PI. The two primary collaborators must be from the two different domains, and both must make substantive research contributions. **At least one investigator must be on the roster of CCMB Affiliate Faculty.** The compelling and feasible research aim should combine use of computational and informatics capabilities with an important biological or biomedical problem. Innovation on both computational and experimental sides is strongly encouraged. The plan must be persuasive that a grant of \$50,000 to \$70,000 total over a one-year time frame would make a significant difference in generating a strong research proposal for external funding.

For complete application guidelines and instructions, visit (<http://www.med.umich.edu/medschool/research/support/funding/ccmbpilot.htm>). For questions, please contact (CCMBpilotRFA@umich.edu).

### *External Limited Submissions*

#### **The Hartwell Foundation Individual Biomedical Research Award Internal Deadline: September 22, 2008 Foundation Deadline: November 17, 2008**

The Hartwell Foundation Individual Biomedical Research Award provides support for three years at \$100,000 direct cost per year. The goal of the program is to support early-stage, innovative, and cutting-edge biomedical research that has not yet qualified for significant funding from outside sources and that should benefit children.

Candidates should (1) **be a citizen of the United States** (2) hold a full-time appointment in the sponsoring institution and (3) be eligible to serve as a principal investigator in biomedical research. **The U-M may nominate four candidates.**

For consideration as an institutional nominee, submit the following **electronically in a single PDF document to (feldkamp@umich.edu) by September 22, 2008:** a 3-page research summary, a NIH formatted biosketch, and a nominating letter from the department chair. UM candidates selected to be nominated will be informed by mid-October.

Visit(<http://www.med.umich.edu/medschool/research/support/hartwell2008.pdf>) for a complete copy of The Hartwell Foundation's "Application Process and Administrative Guidelines." Contact Julie Feldkamp (734-763-4522 or [feldkamp@umich.edu](mailto:feldkamp@umich.edu)) or Marvin Parnes (734-764-7231 or [mgparnes@umich.edu](mailto:mgparnes@umich.edu)) with any questions.

#### **The Greenwall Foundation Faculty Scholars Program in Bioethics Internal Deadline: October 1, 2008 Foundation Deadline: November 21, 2008 (Preliminary Application)**

The Greenwall Faculty Scholars Program in Bioethics is a career development award that enables outstanding junior faculty members to carry out original research on policy and moral dilemmas at the intersection of ethics and the life sciences. To maximize Scholars' development, three years of support are provided, requiring a 50% time commitment (carefully monitored) in each of the three years.

Each year, the Scholars participate in a learner-centered educational program that includes required attendance at two workshops (spring and fall). Continued involvement in this activity, after each scholar's support period is over, provides Scholar-alumni/ae with ongoing professional development and engages them in the training of successor cohorts.

Faculty Scholars will be selected on the basis of their achievements, the strength of their research project, their commitment to the field of bioethics, and support from their home institution. While the amount of an applicant's original work in bioethics will count favorably towards his/her application, outstanding candidates with less direct experience in bioethics will also be considered.

**Applicants must be junior faculty members holding at least a 60% appointment.** Priority will be given to applicants who are **below the rank of Associate Professor**, who have not received a comparable career development award, and whose work will have an impact on public policy or clinical practice.

**UM has been invited to submit one proposal for the 2009 competition.** The Office of the Vice President for Research will coordinate the internal review process. For consideration as the institutional nominee, submit the following **electronically in a single PDF document to (OVPRlimitedsubmissions@umich.edu) by October 1, 2008:**

1. Two-page letter of intent responsive to the RFP, including a description of research proposal, its significance, how it will be carried out and how it is likely to have an impact on public policy or clinical practice.
2. Personal statement describing goals in the field of bioethics.
3. NIH formatted biosketch.
4. Nominating letter from dean or department chair.

More information is available at the Foundation website (<http://www.greenwallfsp.org>). Direct any questions to Jane Ritter ([ritterj@umich.edu](mailto:ritterj@umich.edu) or 734-763-1290).

#### **Hartwell Foundation Postdoctoral Fellowship Internal Deadline: October 8, 2008**

Each year The Hartwell Foundation announces its selection of the Top Ten Centers of Biomedical Research in the United States, inviting each center to participate in nominating individuals for a Hartwell Individual Biomedical Research Award. The University of Michigan is one of the 10 invitees.

Research institutions that fully participate in The Hartwell Foundation nomination process will receive a Hartwell Fellowship for two years at \$50,000 direct cost per year to fund **one postdoctoral candidate** of their choice in areas of biomedical science, consistent with Fundable Projects as described for the Individual Biomedical Research Award (see below). It is the intent of The Hartwell Foundation to support scientists in the early stages of biomedical research careers by enabling them to pursue further specialized training as part of their career development.

#### **Fundable Projects:**

Participating institutions agree to utilize an effective means to call for proposals from appropriate areas of basic and applied life sciences, principally limited to medicine and biomedical engineering, and consistent with the values of The Hartwell Foundation. **Proposals should reflect relevance in terms of**

**potential benefits to children. The Foundation will only consider proposals in biomedical research.** The Foundation will not consider for example, research in social science, psychology, ecology, environmental impacts, anthropology, or botany.

**The following rules apply to the Hartwell Fellowship:**

- **Hartwell Fellows must be citizens of the United States.**
- Funds may be used for salary, health insurance, or travel related to a scientific meeting, but not for the purchase of supplies or equipment or other fringe benefits.
- No part of the Fellowship may cover institutional overhead or other indirect costs, nor should the recipient or the sponsoring research laboratory be obligated or penalized to pay by substitution such indirect costs by any other means.
- At the conclusion of funding, the Hartwell Fellow should submit a summary of the impact that the award had on their career goals.

**UM is allowed to put forth one nominee.** The name of the nominee is due to the Foundation by November 17, 2008. For consideration as the institutional nominee, submit the following electronically in a single PDF document by **October 8, 2008** to (limitedsubmissions@umich.edu): a 3-page research plan, a NIH formatted biosketch, and a nominating letter from the current mentor. **We acknowledge receipt of all electronic submissions. If you do not receive a response from us by the end of the next business day, please call us at 734-763-4086.** Contact Kathryn Ridner at 734-763-4086 or (kridner@umich.edu) with any questions.

### **Dennis W. Jahnigen Career Development Scholars Award**

**Deadline: December 9, 2008**

The Jahnigen Scholars Award Program offers two-year career development awards to support junior faculty in the specialties listed below. The award is intended to allow individuals to initiate and sustain a career in research and education in the geriatrics aspects of their discipline. Each grant will provide two-year support of \$75,000 per year for salary and fringe benefits and/or the costs of doing research. Each scholar's institution must provide a minimum match of \$25,000 per year. The Jahnigen Award may not be used to support indirect costs.

Eligible candidates must (1) be a physician who is a U.S. citizen or permanent resident; (2) be certified or board eligible to practice in one of the following targeted specialties: anesthesiology, emergency medicine, general surgery, gynecology, ophthalmology, orthopaedic surgery, otolaryngology, physical medicine and rehabilitation, thoracic surgery, or urology; (3) have a primary academic appointment in a U.S. institution in one of the specialty departments listed above; and (4) have completed his/her training (residency and/or fellowship) on or after June 30, 1999. (Exceptions to this limit will be considered for compelling reasons and must be reviewed and approved prior to application submission.)

Nominations for the Jahnigen Scholars Award Program are to be made by the individual's departmental chair in any one of the specialties listed above. Institutions may submit more than one application. **However, each department listed**

**may submit only one application.** When submitting an application to the program, departments should also send the name of their nominee to Kathryn Ridner (kridner@umich.edu) in the Office of Research for recordkeeping purposes.

See the program website for complete details, eligibility, and the application process (<http://www.americangeriatrics.org/hartford/jahnigen.shtml>).

### **Fred Hutchinson Cancer Research Center Weintraub Graduate Student Award**

**Deadline: December 15, 2008**

The Harold M. Weintraub Graduate Student Award recognizes outstanding achievement during graduate studies in the biological sciences. Awardees will participate in a two-day scientific symposium honoring Hal Weintraub and his commitment to innovative science. The award symposium will consist of scientific presentations by the graduate student awardees and informal gatherings of students and faculty. **The graduate student awardees are expected to be advanced students near the completion of their studies. Nominated students should not have graduated before September 2008.** The Fred Hutchinson Weintraub and Groudine Fund, established to foster intellectual exchange through the promotion of programs for graduate students, fellows and visiting scholars, will cover expenses for the graduate student awardees. **Only one nomination may be submitted per department or program.** Visit (<http://www.fhcrc.org/science/basic/weintraub/nomination.html>) for complete information.

### *External Open Submissions*

#### **American Cancer Society Funding**

**Deadline: October 15, 2008**

The American Cancer Society offers the following funding opportunities. For full details visit ([http://www.cancer.org/docroot/RES/RES\\_5\\_1.asp?sitearea=RES](http://www.cancer.org/docroot/RES/RES_5_1.asp?sitearea=RES)).

- **Research Grants for Independent Investigators**

Awards are for up to four years and for up to \$200,000 per year (direct costs), plus 20% allowable indirect costs.

- Research Scholar Grants in Basic, Preclinical, Clinical and Epidemiology Research
- Research Scholar Grants in Cancer Control: Psychosocial and Behavioral Research
- Research Scholar Grants in Cancer Control: Health Services and Health Policy Research

- **Postdoctoral Fellowships**

This award is to support the training of researchers who have received a doctoral degree to provide initial funding leading to an independent career in cancer research (including basic, preclinical, clinical, cancer control, psychosocial, behavioral, epidemiology, health services and health policy research). Awards may be for three years with progressive stipends of \$40,000, \$42,000, and \$44,000 per year, plus a \$4,000 per year fellowship allowance.

- **Cancer Control Career Development Awards for Primary Care Physicians**

This award is made to support primary care physicians with a rank of instructor to assistant professor who

are pursuing an academic career with an emphasis on cancer control. Awards are for three years and for up to \$100,000 per year. A maximum of \$10,000 per year for the mentor(s) may be included in the budget.

#### **Edward M. Scolnick Prize in Neuroscience**

**Deadline: October 31, 2008**

The McGovern Institute for Brain Research is accepting nominations for the Edward M. Scolnick Prize in Neuroscience. The prize recognizes an outstanding discovery or significant advance in the field of neuroscience and consists of \$50,000 and an inscribed gift. The recipient will present a public lecture at MIT, hosted by the McGovern Institute and followed by an awards dinner. Candidates for the award must be nominated by individuals affiliated with universities, hospitals, medical schools, or research institutes with a background in neuroscience. Self-nomination is not permitted. Additional information is available at ([http://web.mit.edu/mcgovern/html/News\\_and\\_Publications/scolnick\\_prize.shtml](http://web.mit.edu/mcgovern/html/News_and_Publications/scolnick_prize.shtml)).

#### **Canada Gairdner Global Health Award**

**Deadline: November 1, 2008**

The Canada Gairdner Global Health Award recognizes those who have made major scientific advances in one of four areas: basic science, clinical science or population or environmental health. The advances must have made, or have the potential to make a significant impact on health in the developing world. Nominations for leadership and administration, however outstanding, do not fall within the parameters of this award. Nominees can be residents of any country without restriction. The award consists of \$100,000 (Canadian), a framed certificate with appropriate citation and a specially designed sculpture. The award is for the personal use of the recipient. Visit (<http://www.gairdner.org/awards>) for complete details.

#### **Charlotte Geyer Foundation Grants**

**Deadline: November 15, 2008**

The Charlotte Geyer Foundation supports research into the cause, prevention, and treatment of cancer. The Foundation offers interim funding to researchers who have submitted an original R01 or R21 proposal to the National Cancer Institute (NCI) and have not received a fundable score. The grants are to help researchers prepare a revised proposal. The Foundation reviews proposals three times per year and awards one year grants of up to \$100,000 each. The award is for a single resubmission.

The following R01 and R21 proposals will be considered by the Foundation for funding:

- First submission R01 and R21 proposals (no A1 or A2 proposals).
- Proposals scored up to the 40th percentile.
- Only current proposals will be considered.
- Proposals must require at least six months of additional research work prior to resubmission. Please do not apply if you are immediately resubmitting.
- The proposal must be eligible to be resubmitted to NCI, using the current title and proposal number.

- Special consideration will be given to research that has clinical applicability.

The Foundation does not accept proposals for the planning or conduct of behavioral studies related to cancer etiology or therapy in large populations. Researchers may apply to the Foundation as soon as NCI Summary Statements are received and before the proposal goes to Council. Visit (<http://www.charlottegeyer.org>) for complete application guidelines and procedures.

#### **Warren Alpert Foundation Prize**

**Deadline: November 17, 2008**

The Warren Alpert Foundation Prize is awarded each year to a scientist who has made a significant discovery leading to the prevention, treatment or cure of a disease or disorder that afflicts humankind. Selected from a group of the world's foremost scientific and medical professionals, the Prize recipient will receive an award of \$150,000. For information on past recipients and the nomination form, visit (<http://www.hms.harvard.edu/fa/alpertprize>).

• • • *Deadline Watch* • • •

#### **Dana Foundation Program in Brain and Immuno-Imaging**

**Internal Deadline: September 25, 2008**

(<http://www.dana.org/grants/imaging/>)

Contact Kathryn Ridner at 734-763-4086 or ([kridner@umich.edu](mailto:kridner@umich.edu)) with any questions.

#### **UM Integrative Medicine Seed Grants**

**Deadline: September 26, 2008**

(<http://www.med.umich.edu/umim/research/grant.htm>)

#### **Jody C. Ungerleider Memorial Award**

**Deadline: September 30, 2008**

(<http://www.ucuca.umich.edu>)

#### **Michigan Society of Fellows Postdoctoral Fellowships**

**Deadline: September 30, 2008**

([http://www.rackham.umich.edu/faculty\\_staff/sof/](http://www.rackham.umich.edu/faculty_staff/sof/))

#### **Canada Gairdner International Award**

**Deadline: October 1, 2008**

(<http://www.gairdner.org>)

#### **The Irvington Institute Fellowship Program of the Cancer Research Institute**

**Deadline: October 1, 2008**

(<http://www.cancerresearch.org/programs/research/fellowship.html>)

#### **PhRMA Foundation Fellowships and Grants in Health Outcomes and Pharmaceutics**

**Deadline: October 1, 2008**

(<http://www.phrmafoundation.com>)

#### **Robert Wood Johnson Foundation Health & Society Scholars Program**

**Deadline: October 3, 2008**

(<http://www.rwjf.org/applications/solicited/cfp.jsp?ID=20241>)

#### **The Dickson Prize in Medicine**

**Deadline: October 6, 2008**

(<http://www.dicksonprize.pitt.edu>)

# UMMS AWARDED GRANTS

## External Awarded Grants

### Biological Chemistry

**PI:** Andrews, Philip  
**Title:** NSF/NIH WORKSHOP ON INSTRUMENT DEVELOPMENT: TOOLS FOR THE NEW MILLENNIUM  
**Sponsor:** NSF  
**Project Dates and Amount of Award:** 05/19/08-05/31/09; \$99,451

**PI:** Nichols, Ruthann  
**Title:** STRUCTURE FUNCTION AND LIGAND BINDING OF A NOVEL PEPTIDE INVOLVED IN CARDIAC RELAXATION  
**Sponsor:** NIH 1 R21 HL 093627 01  
**Project Dates and Amount of Award:** 08/01/08-05/30/10; \$423,567

### Cell & Developmental Biology

**PI:** Barald, Kate  
**Co-I:** Shen, Yu-Chi (Cell and Developmental Biology)  
**Title:** THE ROLE OF MIF IN ZEBRAFISH INNER EAR DEVELOPMENT  
**Sponsor:** Deafness Research Foundation  
**Project Dates and Amount of Award:** 07/01/08-06/30/09; \$24,948

### Comprehensive Cancer Center

**PI:** Pienta, Kenneth  
**Co-I:** Chinnaiyan, Arul (Pathology Department) / Cooney, Kathleen (Int Med-Hematology/Oncology) / Douglas, Julie (Human Genetics Department) / Ghosh, Debashis (Biostatistics Department) / Loberg, Robert (Int Med-Hematology/Oncology) / Macoska, Jill (Urology Surgery) / Montie, James (Urology Surgery) / Shah, Rajal (Pathology Department) / Smith, David (Int Med-Hematology/Oncology)  
**Title:** SPORE IN PROSTATE CANCER  
**Sponsor:** NIH 2 P50 CA 069568 11  
**Project Dates and Amount of Award:** 08/21/08-05/31/13; \$11,589,998

**PI:** Talpaz, Moshe  
**Title:** ORAL AP24534 IN PATIENTS WITH REFRACTORY OR ADVANCED CHRONIC MYELOGENOUS LEUKEMIA AND OTHER HEMATOLOGIC MALIGNANCIES (UMCC 2008.023 A PHASE 1 DOSE ESCALATION TRIAL TO DETERMINE THE SAFETY, TOLERABILITY AND MAXIMUM TOLERATED DOSE OF)  
**Sponsor:** Ariad Pharmaceuticals, Inc.  
**Project Dates and Amount of Award:** 06/02/08-11/01/09; \$366,959

### Dermatology

**PI:** Bruce, Allen  
**Title:** PHENOTYPE AND FUNCTION OF IL-17-SECRETING T-CELLS IN PSORIASIS  
**Sponsor:** Dermatology Foundation  
**Project Dates and Amount of Award:** 07/01/08-06/30/09; \$55,000

**PI:** Voorhees, John  
**Title:** THE ROLE OF PRO-INFLAMMATORY CYTOKINES IN DETERMINING THE BIOLOGICAL BEHAVIOR OF COMEDONES, WITH COMPUTER-ASSISTED PHOTOGRAPHIC EXAMINATIONS OF THEIR NATURAL HISTORY  
**Sponsor:** American Acne and Rosacea Society  
**Project Dates and Amount of Award:** 07/01/08-07/01/10; \$10,000

### Emergency Medicine

**PI:** Scott, Phillip  
**Title:** CARDIOVASCULAR HEALTH GRANT  
**Sponsor:** CDC-Subcontracts TO Michigan Public Health Inst  
**Project Dates and Amount of Award:** 10/01/07-09/30/08; \$11,520

**PI:** Stanley, Rachel  
**Co-I:** Borgialli, Dominic (Emergency Medicine Admin) / Rogers, Alexander (Emergency Medicine Admin)  
**Title:** GREAT LAKES EMERGENCY MEDICAL SERVICES FOR CHILDREN RESEARCH NETWORK (GLEMSCRN)  
**Sponsor:** HRSA 2 U03 MC 000003 08  
**Project Dates and Amount of Award:** 09/01/08-08/31/11; \$2,670,000

### Human Genetics

**PI:** Burke, David  
**Title:** LABORATORY MOUSE IDENTIFICATION AND INVENTORY CONTROL  
**Sponsor:** NIH - Subcontracts TO Muse Technologies  
**Project Dates and Amount of Award:** 06/01/08-05/31/10; \$228,000

### Internal Medicine

**PI:** Akin, Cem  
**Co-I:** Mcmorris, Marc (Int Med-Allergy)  
**Title:** MAST CELLS IN FOOD ALLERGY AND ANAPHYLAXIS  
**Sponsor:** Food Allergy Initiative  
**Project Dates and Amount of Award:** 10/22/07-10/21/08; \$137,216

**PI:** Baker, Laurence  
**Title:** 6/10/2008 CTSU PHARMA (NSABP CLINICAL TRIALS) PAYMENTS TO SWOG INVESTIGATORS AND SITES  
**Sponsor:** AstraZeneca plc TO Westat  
**Project Dates and Amount of Award:** 01/01/08-12/31/08; \$242,054

**PI:** Baker, Laurence  
**Title:** CTSU PHARM (BRISTOL MEYERS SQUIBB, NO147) PAYMENTS TO SWOG INVESTIGATORS AND SITES  
**Sponsor:** Bristol-Myers Squibb TO Westat  
**Project Dates and Amount of Award:** 11/01/07-10/31/08; \$134,000

**PI:** Baker, Laurence  
**Title:** CTSU PHARMA (PFIZER NCIC MA 27B) PAYMENTS TO SWOG INVESTIGATORS AND SITES  
**Sponsor:** Pfizer Incorporated TO Westat  
**Project Dates and Amount of Award:** 11/01/07-10/31/08; \$9,850

**PI:** Ballinger, Megan  
**Title:** THE ROLE OF PROSTAGLANDIN E2 IN MEDIATING INTRACELLULAR SIGNALING PATHWAYS IN NEONATAL ALVEOLAR MACROPHAGES  
**Sponsor:** Hartwell Foundation  
**Project Dates and Amount of Award:** 01/01/08-12/31/09; \$100,000

**PI:** Bates, Eric  
**Title:** E555 AND ITS EFFECTS ON MARKERS OF INTRAVASCULAR INFLAMMATION IN SUBJECTS WITH CORONARY ARTERY DISEASE, A RANDOMIZED, DOUBLE-BLIND, PLACEBO-CONTROLLED STUDY OF THE SAFETY AND TOLERABILITY OF  
**Sponsor:** Eisai Co., Ltd. TO Pharmaceutical Research Associates, Inc.  
**Project Dates and Amount of Award:** 07/01/08-12/31/10; \$84,204

**PI:** Brosius III, Frank  
**Co-I:** Feldman, Eva (Neurology Department) / Kretzler, Matthias (Int Med-Nephrology)  
**Title:** MURINE-HUMAN TRANSCRIPTOMIC COMPARISONS IN DIABETIC NEPHROPATHY AND NEUROPATHY  
**Sponsor:** NIH - Subcontracts TO Medical College of Georgia  
**Project Dates and Amount of Award:** 08/01/08-07/31/09; \$100,000

**PI:** Brown, Stephanie  
**Co-I:** Preston, Stephanie (LSA Psychology) / Seng, Julia (LSA Psychology)  
**Title:** PHYSIOLOGICAL EFFECTS OF HELPING OTHERS  
**Sponsor:** NSF  
**Project Dates and Amount of Award:** 02/01/09-01/31/12; \$447,961

**PI:** Buckanovich, Ronald  
**Title:** BOENTAN AS A MULTI-TARGETED THERAPY IN OVARIAN CANCER  
**Sponsor:** Actelion  
**Project Dates and Amount of Award:** 04/08/08-03/07/09; \$25,994

**PI:** Chetcuti, Stanley  
**Title:** SCH530348 IN ADDITION TO STANDARD OF CARE IN SUBJECTS WITH ACUTE CORONARY SYNDROME: THROMBIN RECEPTOR ANTAGONIST FOR CLINICAL EVENT REDUCTION IN ACUTE CORONARY SYNDROME, A MULTI-CENTER, RANDOMIZED, DOUBLE-BLIND, PLACEBO-CONTROLLED STUDY TO EVALUATE THE SAFETY AND EFFICACY OF  
**Sponsor:** Schering Corporation  
**Project Dates and Amount of Award:** 06/24/08-06/25/12; \$163,000

**PI:** Delmar, Mario  
**Title:** GENETICS STUDIES OF ODDD  
**Sponsor:** NIH - Subcontracts TO Mount Sinai Medical Center, The  
**Project Dates and Amount of Award:** 02/01/08-01/31/09; \$23,797

**PI:** Dimagno, Matthew  
**Co-I:** Anderson, Michelle (Int Med-Gastroenterology) / Brown, Morton (Biostatistics Department) / Herman, William (Int Med-Gastroenterology)  
**Title:** PIOGLITAZONE THERAPY FOR ENDOCRINE AND EXOCRINE DISEASE IN ALCOHOLIC PANCREATITIS  
**Sponsor:** NIH 1 R21 AA 017271 01 A1  
**Project Dates and Amount of Award:** 07/10/08-06/30/10; \$403,563

**PI:** Elta, Grace  
**Co-I:** Piraka, Cyrus (Int Med-Gastroenterology)  
**Title:** PROSPECTIVE REGISTRY OF THE WALLFLEX BILIARY UNCOVERED STENT FOR THE PALLIATIVE TREATMENT OF MALIGNANT BILE DUCT OBSTRUCTION, A MULTICENTER, SINGLE ARM  
**Sponsor:** Boston Scientific Corporation  
**Project Dates and Amount of Award:** 07/09/08-07/08/10; \$25,824

**PI:** Flaherty, Kevin  
**Title:** PIRFENIDONE IN PATIENTS WITH IDIOPATHIC PULMONARY FIBROSIS (IPF) WHO COMPLETE THE CAPACITY STUDIES (AN OPEN LABEL EXTENSION STUDY OF THE LONG-TERM SAFETY OF)  
**Sponsor:** InterMune Pharmaceuticals  
**Project Dates and Amount of Award:** 08/01/08-12/31/11; \$160,602

**PI:** Flaherty, Kevin  
**Co-I:** Kazerooni, Ella (Radiology Department)  
**Title:** LONGITUDINAL, COMPUTER ASSISTED ANALYSIS IN IPF  
**Sponsor:** NIH 1 R01 HL 091743 01 A1  
**Project Dates and Amount of Award:** 08/01/08-07/31/12; \$1,560,062

**PI:** Glaser, Thomas  
**Title:** IDENTIFICATION OF A NEW AUTOSOMAL DOMINANT MICROPHthalmia-ANOPHTHALMIA-COLOBOMA (MAC) DISEASE GENE  
**Sponsor:** Midwest Eye Banks and Transplantation Center  
**Project Dates and Amount of Award:** 07/01/08-06/30/09; \$15,000

**PI:** Horowitz, Jeffrey  
**Title:** MYOFIBROBLAST FATE DETERMINATION BY EXTRACELLULAR MATRIX INTERACTIONS  
**Sponsor:** American College of Chest Physicians  
**Project Dates and Amount of Award:** 07/01/08-06/30/10; \$100,000

**PI:** Humes, H  
**Co-I:** Cook, Keith (General Surgery Section)  
**Title:** CELL THERAPY FOR SEPTIC SHOCK, PHASE II  
**Sponsor:** NIH - Subcontracts TO Innovative BioTherapies  
**Project Dates and Amount of Award:** 09/01/08-08/31/10; \$145,262

**PI:** Jalife, Jose  
**Title:** CORRELATION OF ENSITE NAVX AND OPTICAL IMAGING MAPPING SYSTEMS AND CORRELATION TO HISTOLOGY  
**Sponsor:** St. Jude Medical, Inc.  
**Project Dates and Amount of Award:** 07/24/08-07/24/09; \$209,000

**PI:** Kang, Hellan  
**Title:** ELTROMBOPAG TO REDUCE THE NEED FOR PLATELET TRANSFUSION IN THROMBOCYTOPENIC SUBJECTS WITH CHRONIC LIVER DISEASE UNDERGOING ELECTIVE INVASIVE PROCEDURES. ELEVATE: ELTROMBOPAG EVALUATED FOR ITS ABILITY TO OVERCOME THROMBOCYTOPENIA AND ENABLE PROCEDURES (TPL 104054, A RANDOMISED, DOUBLE-BLIND, PLACEBO-CONTROLLED, MULTI-CENTRE STUDY TO EVALUATE THE SAFETY AND EFFICACY OF)  
**Sponsor:** Glaxosmithkline  
**Project Dates and Amount of Award:** 08/01/08-07/31/09; \$143,630

**PI:** Kretzler, Matthias  
**Co-I:** Brosius III, Frank (Int Med-Nephrology)  
**Title:** TARGETS IN THE SHARED TRANSCRIPTOME OF HUMAN-MURINE DIABETIC NEPHROPATHY  
**Sponsor:** Juvenile Diabetes Research Foundation International (JDRF)  
**Project Dates and Amount of Award:** 09/01/08-08/31/11; \$494,934

**PI:** Lok, Anna  
**Title:** HEPATITIS B VIRUS IMMUNE ESCAPE MUTANTS  
**Sponsor:** NIH - Subcontracts TO Rhode Island Hospital  
**Project Dates and Amount of Award:** 04/01/08-03/31/09; \$15,646

**PI:** Merchant, Juanita  
**Co-I:** Dlugosz, Andrzej (Dermatology Department) / Gumucio, Deborah (Cell and Developmental Biology)  
**Title:** CELLULAR DECISIONS OF DIFFERENTIATION IN THE GI TRACT  
**Sponsor:** NIH 2 P01 DK 062041 06 A1  
**Project Dates and Amount of Award:** 08/20/08-07/31/13; \$6,511,783

**PI:** Moore, Bethany  
**Co-I:** Martinez, Fernando (Int Med-Pulm./Critical Care) / Murray, Susan (Biostatistics Department) / Seibold, James (Int Med-Rheumatology) / Toews, Galen (Int Med-Pulm./Critical Care)  
**Title:** FIBROCYTES PHENOTYPES AS BIOMARKERS IN IPFNET PATIENTS  
**Sponsor:** NIH 1 R01 HL 091745 01 A1  
**Project Dates and Amount of Award:** 08/01/08-07/31/12; \$1,390,500

**PI:** Ojo, Akinlolu  
**Co-I:** Attili, Anil (Radiology Department) / Gadegebeku, Crystal (Int Med-Nephrology) / Jamerson, Kenneth (Int Med-Cardiology)  
**Title:** CHRONIC RENAL INSUFFICIENCY COHORT (CRIC) STUDY  
**Sponsor:** NIH 2 U01 DK 061028 08  
**Project Dates and Amount of Award:** 08/15/08-04/30/13; \$4,436,309

**PI:** Owyang, Chung  
**Title:** A STUDY OF DECISION-MAKING PROCESS IN LIVER TRANSPLANT SELECTION COMMITTEES  
**Sponsor:** Greenwall Foundation  
**Project Dates and Amount of Award:** 07/01/08-06/30/09; \$72,407

**PI:** Pandit, Sandeep  
**Title:** MATHEMATICAL MODELS OF ATRIAL EXCITATION AND FIBRILLATION  
**Sponsor:** American Heart Assoc, Inc.  
**Project Dates and Amount of Award:** 04/01/08-12/31/10; \$196,493

**PI:** Peters-Golden, Marc  
**Title:** EFFECTS OF PROSTACYCLIN ANALOGS ON PULMONARY ANTIMICROBIAL RESPONSES  
**Sponsor:** Actelion  
**Project Dates and Amount of Award:** 04/01/08-03/31/09; \$70,079

**PI:** Peters-Golden, Marc  
**Co-I:** Swanger, Janice (Microbiology and Immunology)  
**Title:** EICOSANOIDS AND LUNG MACROPHAGE ANTIMICROBIAL MECHANISMS  
**Sponsor:** NIH 2 R56 HL 058897 12  
**Project Dates and Amount of Award:** 08/08/08-07/31/09; \$382,980

**PI:** Piraka, Cyrus  
**Co-I:** Finks, Jonathan (General Surgery Section)  
**Title:** FULL THICKNESS LUMINAL RESECTION USING THE ASSISTANCE OF A NOVEL DEVICE: A FEASIBILITY STUDY  
**Sponsor:** Natural Orifice Surgery Consortium for Assessment and Research (NOSCAR)  
**Project Dates and Amount of Award:** 02/01/08-01/31/09; \$5,000

**PI:** Saad, Richard  
**Title:** THE PHYSIOLOGIC MECHANISMS UNDERLYING CHRONIC CONSTIPATION IN AN ELDERLY POPULATION  
**Sponsor:** Sucampo Pharmaceutical TO FDHN  
**Project Dates and Amount of Award:** 07/01/08-06/30/11; \$225,000

**PI:** Schott, Anne  
**Title:** UMCC 2007.130 EVALUATION OF THE USE OF TRASTUZUMAB TO INDUCE INCREASED ER EXPRESSION IN ER-NEGATIVE/LOW, HER-2/NEU POSITIVE BREAST CANCER  
**Sponsor:** Genentech, Inc.  
**Project Dates and Amount of Award:** 07/01/08-06/30/10; \$143,502

**PI:** Schuetz, Scott  
**Co-I:** Thomas, Dafydd (Pathology Department)  
**Title:** CLINICAL STUDY OF SIROLIMUS AND CYCLOPHOSPHAMIDE IN ADVANCED SARCOMAS  
**Sponsor:** American Society of Clinical Oncology  
**Project Dates and Amount of Award:** 07/01/08-06/30/11; \$450,000

**PI:** Seibold, James  
**Co-I:** Phillips, Kristine (Int Med-Rheumatology)  
**Title:** MULTIPLE-DOSE INTRAVENOUSLY ADMINISTERED MEDI-545, A FULLY HUMAN ANTI-INTERFERON-ALPHA MONOCLONAL ANTIBODY, IN ADULT PATIENTS WITH DERMATOMYOSITIS OR POLYMYOSITIS (A PHASE 1B, RANDOMIZED, DOUBLE-BLIND, PLACEBO-CONTROLLED, MULTICENTER STUDY TO EVALUATE SAFETY OF)  
**Sponsor:** MedImmune, Inc.  
**Project Dates and Amount of Award:** 05/07/08-05/31/11; \$362,817

**PI:** Sharma, Pratima  
**Title:** RE-WEIGHTING OF THE MODEL FOR END-STAGE LIVER DISEASE (MELD): EFFECTS ON SURVIVAL BENEFIT AND THE BURDEN OF RENAL DISEASE AFTER LIVER TRANSPLANTATION  
**Sponsor:** American Society of Transplantation  
**Project Dates and Amount of Award:** 07/01/08-06/30/10; \$80,000

**PI:** Talpaz, Moshe  
**Title:** UMCC 2008.032: DASATINIB IN CML OR PHILADELPHIA CHROMOSOME POSITIVE ALL SUBJECTS WHO ARE EXPERIENCING CLINICAL BENEFIT ON CURRENT START PROTOCOLS: LONG TERM SAFETY AND EFFICACY ANALYSIS  
**Sponsor:** Bristol-Myers Squibb  
**Project Dates and Amount of Award:** 07/21/08-07/20/11; \$27,186

**PI:** Washer, Laraine  
**Co-I:** Chenoweth, Carol (Int Med-Infectious Diseases) / Flanders, Scott (Int Med-General Medicine) / Rogers, Mary (Int Med-General Medicine) / Thakore, Kosha (Int Med-General Medicine)  
**Title:** BLOOD CULTURE CONTAMINATION: A CLUSTER RANDOMIZED CROSS-OVER TRIAL COMPARING EFFECTS OF THREE SKIN ANTISEPTIC INTERVENTIONS  
**Sponsor:** Blue Cross Blue Shield of Michigan Foundation  
**Project Dates and Amount of Award:** 09/01/08-08/31/09; \$71,000

#### Microbiology and Immunology

**PI:** Carruthers, Vernon  
**Title:** NOVEL THERAPEUTICS FOR TOXOPLASMA INFECTIONS  
**Sponsor:** Stanley Medical Research Institute, The  
**Project Dates and Amount of Award:** 08/01/08-07/31/11; \$403,178



**PI:** Raghavan, Malini  
**Co-I:** Rizvi, Syed (Microbiology and Immunology)  
**Title:** INTERACTIONS AND MECHANISMS OF FUNCTION OF THE TAP COMPLEX  
**Sponsor:** NIH 2 R56 AI 044115 10 A1  
**Project Dates and Amount of Award:** 08/20/08-07/31/09; \$386,166

#### **Molecular & Behavioral Neuroscience Institute**

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**PI:** Murphy, Geoffrey  
**Co-I:** Esteban, Jose (Pharmacology Department)  
**Title:** L-TYPE CALCIUM CHANNELS, NEURONAL EXCITABILITY & COGNITION IN AGED MICE  
**Sponsor:** NIH 1 R01 AG 028488 01 A2  
**Project Dates and Amount of Award:** 08/01/08-07/31/13; \$1,506,311

**PI:** Watson Jr, Stanley  
**Co-I:** Kerman, Ilan (Molecular & Behav Neurosc Inst)  
**Title:** NEURAL SUBSTRATES OF SOMATOMOTOR AND AUTONOMIC DISTURBANCES IN MAJOR DEPRESSION  
**Sponsor:** NIH 1 K99 MH 081927 01 A1  
**Project Dates and Amount of Award:** 08/01/08-07/31/10; \$174,396

#### **Molecular & Integrative Physiology**

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**PI:** Mori, Hiroyuki  
**Title:** REGULATION OF ADIPOCYTE DIFFERENTIATION AND METABOLISM  
**Sponsor:** American Diabetes Assoc, Inc.  
**Project Dates and Amount of Award:** 07/01/08-06/30/12; \$180,000

#### **Neurology**

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**PI:** Barbas, Nancy  
**Title:** ORAL ELND005 (AZD-103) IN ALZHEIMER'S DISEASE ELND005-AD201, A RANDOMIZED, DOUBLE-BLIND, PLACEBO-CONTROLLED, DOSE-RANGING, SAFETY AND EFFICACY STUDY OF  
**Sponsor:** Elan Pharmaceutical Research Corporation  
**Project Dates and Amount of Award:** 05/19/08-05/18/11; \$210,057

**PI:** Morgenstern, Lewis  
**Co-I:** Brown, Devin (Neurology Department) / Haan, Mary (Biostatistics Department) / Lisabeth, Lynda (Epidemiology Department) / Sanchez Loya, Brisa (Biostatistics Department)  
**Title:** BRAIN ATTACK SURVEILLANCE IN CORPUS CHRISTI (BASIC) PROJECT  
**Sponsor:** NIH 2 R01 NS 038916 11 A1  
**Project Dates and Amount of Award:** 08/01/08-07/31/13; \$3,087,894

**PI:** Scaglione, Kenneth  
**Title:** ANALYSIS OF CHIP, A UBIQUITIN LIGASE IMPLICATED IN NEURODEGENERATION  
**Sponsor:** NIH 1 F32 NS 064596 01  
**Project Dates and Amount of Award:** 08/01/08-07/31/11; \$147,750

#### **Neurosurgery**

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**PI:** Hua, Ya  
**Co-I:** Keep, Richard (Neurosurgery) / Xi, Guohua (Neurosurgery)  
**Title:** ESTROGEN EFFECTS ON COMPLEMENT-MEDIATED BRAIN INJURY IN INTRACEREBRAL HEMORRHAGE  
**Sponsor:** NIH 1 R01 NS 057539 01 A2  
**Project Dates and Amount of Award:** 08/01/08-07/31/12; \$1,076,444

#### **Obstetrics & Gynecology**

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**PI:** Smith, Gary  
**Title:** COMPARISON OF ALEMTUZUMAB AND REBIF EFFICACY IN MULTIPLE SCLEROSIS - SEMEN ANALYSIS SUB-STUDY  
**Sponsor:** Genzyme Corporation  
**Project Dates and Amount of Award:** 05/15/08-05/14/10; \$96,200

#### **Ophthalmology & Visual Sciences**

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**PI:** Koreen, Irina  
**Title:** CLINICOPATHOLOGIC CORRELATION STUDY OF SEBACEOUS CARCINOMA OF THE OCULAR ADNEXA  
**Sponsor:** Midwest Eye Banks and Transplantation Center  
**Project Dates and Amount of Award:** 07/01/08-06/30/09; \$2,500

**PI:** Musch, David  
**Title:** CLINICAL AND QUALITY OF LIFE INSIGHTS ON GLAUCOMA FROM ANALYSES OF CIGTS DATA  
**Sponsor:** NIH 1 R21 EY 018690 01 A1  
**Project Dates and Amount of Award:** 09/01/08-08/31/10; \$418,000

**PI:** Stein, Joshua  
**Title:** MENTORING FOR ADVANCEMENT OF PHYSICIAN-SCIENTISTS (MAPS) ENABLING AWARD PROGRAM  
**Sponsor:** American Glaucoma Society  
**Project Dates and Amount of Award:** 07/15/08-06/30/12; \$5,000

**PI:** Stein, Joshua  
**Title:** MONITORING OF PATIENTS FOR OCULAR SIDE EFFECTS OF CORTICOSTEROIDS  
**Sponsor:** Midwest Eye Banks and Transplantation Center  
**Project Dates and Amount of Award:** 07/01/08-06/30/09; \$15,000

#### **Otolaryngology**

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**PI:** Kileny, Paul  
**Title:** RANDOMIZED TRIAL OF TINNITUS RETRAINING THERAPY  
**Sponsor:** NIH - Subcontracts TO University of Iowa  
**Project Dates and Amount of Award:** 12/01/07-11/30/08; \$7,200

**PI:** Prince, Mark  
**Co-I:** Carey, Thomas (Kresge Hearing Research Inst)  
**Title:** DEVELOPMENT OF AN EFFICIENT IN VITRO MODEL FOR THE STUDY OF HEAD AND NECK SQUAMOUS CELL CANCER STEM CELLS  
**Sponsor:** American Academy of Otolaryngology - Head & Neck Surgery Foundation, Inc.  
**Project Dates and Amount of Award:** 07/01/08-06/30/09; \$24,952

**PI:** Shore, Susan  
**Title:** VGLUT2 KNOCKOUT MICE AS A MODEL FOR EXAMINING THE ROLE FOR MULTIMODAL INPUTS IN THE DEVELOPMENT OF TINNITUS  
**Sponsor:** Tinnitus Research Initiative  
**Project Dates and Amount of Award:** 07/01/08-08/01/09; \$20,000

#### **Pathology**

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**PI:** Chinnaiyan, Arul  
**Co-I:** Hayes, Daniel (Int Med-Hematology/Oncology) / Kleer, Celina (Pathology Department) / Lnu, Sooryanarayana (Pathology Department) / Mehra, Rohit (Pathology Department) / Rhodes, Daniel (Pathology Department) / Sabel, Michael (General Surgery Section)  
**Title:** A SEARCH FOR GENE FUSIONS/TRANSLOCATIONS IN BREAST CANCER  
**Sponsor:** US DOD-Army, Department of the  
**Project Dates and Amount of Award:** 09/01/08-11/30/13; \$3,800,000

**PI:** Elenitoba-Johnson, Kojo  
**Co-I:** Lim, Megan (Pathology Department) / Nesvizhskii, Alexey (Pathology Department)  
**Title:** MASS SPECTROMETRY-DRIVEN SYSTEMS BIOLOGIC  
**Sponsor:** NIH 1 R01 DE 019249 01  
**Project Dates and Amount of Award:** 08/01/08-07/31/12; \$1,545,000

**PI:** Lukacs, Nicholas  
**Title:** IMMUNIZATION OF ANIMALS AGAINST RESPIRATORY SYNCYTIAL VIRUS (RSV) WITH NANOEMULSION  
**Sponsor:** NanoBio Corporation  
**Project Dates and Amount of Award:** 04/01/08-12/31/08; \$101,840

**PI:** Maher, Christopher  
**Title:** THE ROLE OF NONCODING RNAs IN EARLY DETECTION OF PROSTATE CANCER  
**Sponsor:** American Cancer Society  
**Project Dates and Amount of Award:** 10/01/08-09/30/11; \$138,000

**PI:** Newton, Duane  
**Title:** RAPID DETECTION OF GROUP B STREPTOCOCCUS USING A NOVEL REAL-TIME PCR PLATFORM  
**Sponsor:** Handy Lab  
**Project Dates and Amount of Award:** 05/01/08-04/30/09; \$25,850

**PI:** Sreekumar, Arun  
**Co-I:** Chinnaiyan, Arul (Ctr fr Translational Pathology) / Elenitoba-Johnson, Kojo (Pathology Department)  
**Title:** PROTEOMIC PROFILING OF MULTIPLE MYELOMA PROGRESSION  
**Sponsor:** Multiple Myeloma Research Consortium  
**Project Dates and Amount of Award:** 08/01/08-07/31/11; \$750,000

#### **Pediatrics & Communicable Diseases**

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**PI:** Choi, Sung  
**Title:** THE USE OF ETANERCEPT (ENBREL) AS SOLE TREATMENT FOR GRADE 1 ACUTE GVHD  
**Sponsor:** St. Baldrick's Foundation  
**Project Dates and Amount of Award:** 07/01/08-06/30/09; \$110,000

**PI:** Lee, Joyce  
**Title:** SCREENING FOR PREDIABETES AND DIABETES IN CHILDREN AND ADOLESCENTS  
**Sponsor:** Blue Cross Blue Shield of Michigan Foundation  
**Project Dates and Amount of Award:** 07/01/08-06/30/09; \$75,000

**PI:** Magee, Jeffrey  
**Title:** NORMAL AND NEOPLASTIC STEM CELL NICHES IN THE HEMATOPOIETIC SYSTEM  
**Sponsor:** NIH - Subcontracts TO Yale University  
**Project Dates and Amount of Award:** 07/01/08-06/30/09; \$102,330

**PI:** Nasr, Samya  
**Co-I:** Arteta, Manuel (Pediatrics-Pulmonary Medicine) / Ashraf, Feraz (Pediatrics-Pulmonary Medicine) / Filbrun, Amy (Pediatrics-Pulmonary Medicine) / Hershenson, Marc (Pediatrics-Pulmonary Medicine) / Lewis, Toby (Pediatrics-Pulmonary Medicine) / Lumeng, Carey (Pediatrics-Pulmonary Medicine) / Tsai, Wan (Pediatrics-Pulmonary Medicine)  
**Title:** THREE DOSAGE REGIMENS OF MP-376 FOR INHALATION GIVEN FOR 28 DAYS TO STABLE CYSTIC FIBROSIS PATIENTS (A PHASE 2, MULTI-CENTER, RANDOMIZED, DOUBLE-BLIND, PLACEBO-CONTROLLED STUDY TO EVALUATE THE SAFETY, TOLERABILITY AND EFFICACY OF)  
**Sponsor:** Mpex Pharmaceuticals, Inc  
**Project Dates and Amount of Award:** 05/06/08-05/31/09; \$37,294

**PI:** Nasr, Samya  
**Co-I:** Arteta, Manuel (Pediatrics-Pulmonary Medicine) / Filbrun, Amy (Pediatrics-Pulmonary Medicine) / Lumeng, Carey (Pediatrics-Pulmonary Medicine) / Tsai, Wan (Pediatrics-Pulmonary Medicine)  
**Title:** PANCRELIPASE DELAYED RELEASE 12,000 UNIT CAPSULES IN SUBJECTS AGES 7-11 WITH PANCREATIC EXOCRINE INSUFFICIENCY DUE TO CYSTIC FIBROSIS (A DOUBLE-BLIND, RANDOMIZED, MULTI-CENTER, PLACEBO-CONTROLLED, CROSS-OVER STUDY TO ASSESS THE EFFICACY AND SAFETY OF)  
**Sponsor:** Solvay Pharmaceuticals, Inc.  
**Project Dates and Amount of Award:** 07/01/08-06/30/09; \$68,124

**PI:** Yanik, Gregory  
**Title:** NANT 2007-01/MIP IB13: A PHASE 2A STUDY OF ULTRATRACE LOBENGUANE I 131 IN PATIENTS WITH RELAPSED/REFRACTORY HIGH-RISK NEUROBLASTOMA  
**Sponsor:** Molecular Insight Pharmaceuticals, Inc. TO Children's Hospital of Los Angeles  
**Project Dates and Amount of Award:** 03/13/08-05/31/10; \$106,882

#### Pharmacology

**PI:** Ko, Mei-Chuan  
**Co-I:** Woods, James (Pharmacology Department)  
**Title:** EVALUATION IN PRIMATES OF COCAINE ESTERASE FOR THE TREATMENT OF COCAINE TOXICITY  
**Sponsor:** NIH 1 R01 DA 023213 01 A1  
**Project Dates and Amount of Award:** 02/01/08-01/31/11; \$1,532,926

**PI:** Martens, Jeffrey  
**Co-I:** Heckenlively, John (Ophthalmology & Visual Science) / Khanna, Hemant (Ophthalmology & Visual Science)  
**Title:** OLFATORY SIGNALING, CILIA, AND SENSORY DISORDERS  
**Sponsor:** NIH 1 R01 DC 009606 01  
**Project Dates and Amount of Award:** 07/01/08-06/30/13; \$1,847,127

#### Psychiatry

**PI:** Brower, Kirk  
**Title:** SLEEP PROBLEMS AND SUBSTANCE USE/ABUSE IN ADOLESCENTS & YOUNG ADULTHOOD  
**Sponsor:** NIH - Subcontracts TO Idaho State University R21 AA 016851  
**Project Dates and Amount of Award:** 04/01/08-03/31/09; \$15,665

**PI:** Cranford, James  
**Co-I:** McCabe, Sean (Substance Abuse Center) / Zucker, Robert (Psych Substance Abuse)  
**Title:** DEVELOPMENTAL EPIDEMIOLOGY OF CO-OCCURRING ALCOHOL USE DISORDERS AND DEPRESSION  
**Sponsor:** NIH 1 R03 AA 016780 01 A1  
**Project Dates and Amount of Award:** 03/10/08-02/28/10; \$152,000

**PI:** Cranford, James  
**Co-I:** McCabe, Sean (Substance Abuse Center)  
**Title:** DEVELOPMENTAL EPIDEMIOLOGY OF ALCOHOL INVOLVEMENT AND MARITAL TRANSITIONS  
**Sponsor:** NIH 1 R03 AA 016971 01 A1  
**Project Dates and Amount of Award:** 04/01/08-03/31/10; \$152,000

**PI:** McInnis, Melvin  
**Title:** POST SECONDARY EDUCATION CAMPUS SUPPORT PROJECT  
**Sponsor:** U.S. Department Of Education  
**Project Dates and Amount of Award:** 07/01/08-06/30/09; \$383,187

**PI:** Pfeiffer, Paul  
**Title:** PEER SUPPORT: PARTNERS IN MOOD MANAGEMENT  
**Sponsor:** Blue Cross Blue Shield of Michigan Foundation  
**Project Dates and Amount of Award:** 04/17/08-04/16/09; \$9,965

**PI:** Stern, Emily  
**Co-I:** Garcia, Gonzalo (LSA Psychology)  
**Title:** COGNITIVE AND NEURAL CORRELATES OF UNCERTAINTY IN OBSESSIVE COMPULSIVE DISORDER  
**Sponsor:** NIH 1 F32 MH 082573 01  
**Project Dates and Amount of Award:** 10/01/07-09/30/10; \$147,750

**PI:** Zucker, Robert  
**Co-I:** Adams, Kenneth (Psych Substance Abuse) / Armitage, Roseanne (Psychiatry Depression Center) / Barry, Kristen (Psych HlthSvc Outcome Research) / Blow, Frederic (Psych HlthSvc Outcome Research) / Brower, Kirk (Psych Substance Abuse) / Burmeister, Margit (Molecular & Behav Neurosc Inst) / Chermack, Stephen (Psych Substance Abuse) / Glass, Jennifer (Psych Substance Abuse) / Heitzeg, Mary (Psych Substance Abuse) / Long, Jeffrey (Human Genetics Department) / Maio, Ronald (OHRCR-Ofc Human Res Comp Rev) / Murphy, Susan (LSA Statistics) / Robinson, Elizabeth (Psych Substance Abuse) / Schulenberg, John (SRC-Survey Research Center) / Shedden, Kerby (LSA Statistics) / Walton, Maureen (Psych Substance Abuse) / Woods, James (Pharmacology Department) / Zubietta, Jon (Psych Substance Abuse)  
**Title:** MULTIDISCIPLINARY ALCOHOLISM RESEARCH TRAINING PROGRAM  
**Sponsor:** NIH 2 T32 AA 007477 19  
**Project Dates and Amount of Award:** 07/01/08-06/30/13; \$1,603,680

#### Radiation Oncology

**PI:** Sun, Yi  
**Title:** CHEMOPREVENTION BY ELIMINATION OF CANCER-PRONE, MUTANT P53-CONTAINING BREAST CELLS  
**Sponsor:** US DOD-Army, Department of the  
**Project Dates and Amount of Award:** 09/01/08-09/30/09; \$115,875

#### Radiology

**PI:** Carson, Paul  
**Co-I:** Chan, Heang-Ping (Radiology Department) / Fowlkes, J (Radiology Department) / Goodsitt, Mitchell (Radiology Department) / Johnson, Timothy (Biostatistics Department) / Lecarpentier, Gerald (Radiology Department) / Nees, Alexis (Radiology Department) / Roubidoux, Marilyn (Radiology Department) / Wang, Xueding (Radiology Department)  
**Title:** COMBINED DIGITAL X-RAY, OPTICAL, AND ULTRASOUND BREAST IMAGING  
**Sponsor:** NIH 2 R01 CA 091713 06 A1  
**Project Dates and Amount of Award:** 08/25/08-05/31/13; \$4,137,161

**PI:** Raffel, David  
**Co-I:** Jung, Yong-Woon (Radiology-Nuclear Medicine) / Koeppe, Robert (Radiology-Nuclear Medicine)  
**Title:** HEART IMAGING AGENTS: A STRUCTURAL-MECHANISTIC STUDY  
**Sponsor:** NIH 2 R01 HL 079540 25 A1  
**Project Dates and Amount of Award:** 08/01/08-05/30/12; \$1,530,180

**PI:** Srinivasan, Ashok  
**Co-I:** Chenevert, Thomas (Radiology Department) / Eisbruch, Avraham (Radiation Oncology - Ann Arbor) / Mukherji, Suresh (Radiology Department) / Myles, James (Mich Inst for Clin & Hlth Resr)  
**Title:** CREATION OF A MODEL FOR PREDICTING RESPONSE TO CHEMORADIATION IN HEAD AND NECK SQUAMOUS CELL CARCINOMA  
**Sponsor:** Radiological Society of North America  
**Project Dates and Amount of Award:** 07/01/08-06/30/10; \$152,000

#### Surgery

**PI:** Chang, Andrew  
**Co-I:** Beer, David (Thoracic Surgery Section) / Lubman, David (Surgery Department)  
**Title:** PREDICTORS OF THERAPEUTIC RESPONSE IN THE TREATMENT OF ESOPHAGEAL ADENOCARCINOMA  
**Sponsor:** Thoracic Surgery Foundation for Research and Education, The  
**Project Dates and Amount of Award:** 07/01/08-06/30/13; \$375,000

**PI:** Cook, Keith  
**Title:** TERUMO IN VIVO MINIMALLY INVASIVE SURGERY  
**Sponsor:** Terumo Heart  
**Project Dates and Amount of Award:** 07/18/08-07/17/09; \$6,305

**PI:** Liu, Yang  
**Title:** FOXp3 AS A MISSING LINK BETWEEN INFLAMMATION AND BREAST CANCER (IDEA)  
**Sponsor:** US DOD-Army, Department of the  
**Project Dates and Amount of Award:** 09/01/08-09/30/11; \$450,420

## Unit for Laboratory Animal Medicine

PI: Dirita, Victor

Co-I: Eaton, Kathryn (Lab Animal Medicine Unit)

Title: COLONIZATION AND PATHOGENICITY DETERMINANTS OF *C. JEJUNI*

Sponsor: NIH 1 R01 AI 069383 01 A2

Project Dates and Amount of Award: 08/01/08-07/31/12; \$1,494,861

PI: He, Yongqun

Title: CASP2 AND MITOCHONDRIAL ACTIVITIES IN BRUCELLA-INFECTED MACROPHAGES

Sponsor: NIH - Subcontracts TO University of Chicago

Project Dates and Amount of Award: 07/01/08-02/28/09; \$101,036

PI: Nemzek, Jean

Co-I: Hugunin, Kelly (Lab Animal Medicine Unit)

Title: REFINING THE CECAL LIGATION AND PUNCTURE (CLP) MODEL WITH ANALGESIA: EFFECTS AND PATTERNS OF INFLAMMATION

Sponsor: American College of Laboratory Animal Medicine (ACLAM)

Project Dates and Amount of Award: 08/01/08-07/31/09; \$25,000

## Urology

PI: Hafez, Khaled

Title: A COMPARATIVE STUDY OF PET/CT VERSUS DIAGNOSTIC CT FOR THE DETECTION OF CLEAR CELL RENAL CELL CARCINOMA IN PRE-SURGICAL PATIENTS WITH RENAL MASSES USING IODINE-124 LABELED CHIMERIC G250 (124I-CG250) IND 20-001

Sponsor: Wilex AG

Project Dates and Amount of Award: 08/06/08-08/31/09; \$138,242

PI: Macoska, Jill

Co-I: Koch, Alisa (Int Med-Rheumatology) / Shah, Rajal (Pathology Department)

Title: PTEN-AND EGFR-DEPENDENCE OF CXCL 12-MEDIATED PROLIFERATION IN THE AGING PROSTATE

Sponsor: NIH 1 R01 DK 081841 01

Project Dates and Amount of Award: 08/01/08-05/31/12; \$1,313,252

PI: Wei, John

Title: EVALUATION OF THE CLINICAL UTILITY OF BECKMAN COULTER'S PROSTATE DISEASE MARKERS IN DISTINGUISHING BETWEEN MALIGNANT AND NON-MALIGNANT PROSTATE DISEASE USING THE ACCESS IMMUNOASSAY SYSTEM

Sponsor: Beckman Coulter

Project Dates and Amount of Award: 06/24/08-06/23/09; \$61,945

## UMMS RESEARCH PUBLICATIONS

### Biological Chemistry

Banerjee R, Vitvitsky V, Garg SK. The undertow of sulfur metabolism on glutamatergic neurotransmission. *Trends Biochem Sci*. 2008 Aug 12 (Epub ahead of print).

Blatt NB, Boitano AE, Lyssiotis CA, Opirari AW Jr, Glick GD. Bz-423 superoxide signals apoptosis via selective activation of JNK, Bak, and Bax. *Free Radic Biol Med*. 2008 Aug 3 (Epub ahead of print).

Cao C, Lu S, Kivlin R, Wallin B, Card E, Bagdasarian A, Tamakloe T, Chu WM, Guan KL, Wan Y. AMP-activated protein kinase contributes to UV- and H<sub>2</sub>O<sub>2</sub>-induced apoptosis in human skin keratinocytes. *J Biol Chem*. 2008 Aug 20 (Epub ahead of print).

Chen X, Ulintz PJ, Simon ES, Williams JA, Andrews PC. Global topology analysis of pancreatic zymogen granule membrane proteins. *Mol Cell Proteomics*. 2008 Aug 4 (Epub ahead of print).

Coughlin DJ, Pleiss JA, Walker SC, Whitworth GB, Engelke DR. Genome-wide search for yeast RNase P substrates reveals role in maturation of intron-encoded box C/D small nucleolar RNAs. *Proc Natl Acad Sci USA*. 2008 Aug 19 (Epub ahead of print).

Duan D, Sigano DM, Kelley JA, Lai CC, Lewin NE, Kedei N, Peach ML, Lee J, Abeyweera TP, Rotenberg SA, Kim H, Kim YH, El Kazzouli S, Chung JU, Young HA, Young MR, Baker A, Colburn NH, Haimovitz-Friedman A, Truman JP, Parrish DA, Deschamps JR, Perry NA, Surawski RJ, Blumberg PM, Marquez VE. Conformationally constrained analogues of diacylglycerol. 29. Cells sort diacylglycerol-lactone chemical zip codes to produce diverse and selective biological activities. *J Med Chem*. 2008 Sep 11; 51(17): 5198-220.

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Nikolovska-Coleska Z, Meagher JL, Jiang S, Yang CY, Qiu S, Roller PP, Stuckey JA, Wang S. Interaction of a Cyclic, Bivalent Smac Mimetic with the X-Linked Inhibitor of Apoptosis Protein. *Biochemistry*. 2008 Aug 22 (Epub ahead of print).

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### Cell & Developmental Biology

Altschuler RA, O'Shea KS, Miller JM. Stem cell transplantation for auditory nerve replacement. *Hear Res*. 2008 Aug; 242(1-2): 110-116.

Chae JJ, Wood G, Richard K, Jaffe H, Colburn NT, Masters SL, Gumucio DL, Shoham NG, Kastner DL. The familial Mediterranean fever protein, pyrin, is cleaved by caspase-1 and activates NF- $\kappa$ B through its N-terminal fragment. *Blood*. 2008 Jun 24 (Epub ahead of print).

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### Family Medicine

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## Human Genetics

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## Internal Medicine

### Infectious Diseases:

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### Microbiology and Immunology

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## Neurology

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## Neurosurgery

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## Obstetrics & Gynecology

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### Ophthalmology & Visual Sciences

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### Orthopaedic Surgery

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### Otolaryngology

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