

# UAHuntsville

THE UNIVERSITY OF ALABAMA IN HUNTSVILLE

## A COMMITMENT TO EXCELLENCE IN THE CREATION AND THE COMMUNICATION OF KNOWLEDGE



**UAHuntsville** is an academic institution with a **high level** of research activity, anchoring the nation's **second largest research park**, and located within minutes of **NASA's** Marshall Space Flight Center, the **Hudson-Alpha Institute of Biotechnology**, and the Army's **Redstone Arsenal**. To join us on our dynamic journey, please see <http://www.uah.edu>

NW161112A



**University of South Alabama**  
**College of Medicine**  
**Department of Biochemistry and Molecular Biology**

### Assistant and Associate Professors

The Department is seeking applicants for three tenure-track positions at the rank of Assistant or Associate Professor. A Ph.D. and/or M.D. degree and postdoctoral research experience are required. Successful candidates will establish and maintain independent, extramurally-funded research programs and contribute to graduate and medical education. Areas of interest to the department include signal transduction in cells of the cardiovascular and respiratory systems, diabetes, cancer, epigenetic regulation of gene expression by chromatin remodeling and RNAi, redox signaling and free radical biochemistry. Outstanding candidates conducting state-of-the-art research in other areas of biochemistry and molecular biology will also be considered. Opportunities for interdisciplinary interactions with other basic science departments, the Mitchell Cancer Institute and the Center for Lung Biology are available. An overview of the Department can be viewed at <http://www.southalabama.edu/com/biochem/index.html>

Please send curriculum vitae, a description of current research interests, future plans and contact information of three references to Dr. William T. Gerthoffer, Professor and Chair, Department of Biochemistry and Molecular Biology, College of Medicine, MSB 2180, University of South Alabama, Mobile, AL 36688-0002; E-mail: [wgerthoffer@usouthal.edu](mailto:wgerthoffer@usouthal.edu).

Applications will be reviewed beginning September 15, 2008 and received until the positions are filled.

*The University of South Alabama is an AA/EEO/M/F/D employer.*

NW161111A



THE UNIVERSITY OF ALABAMA AT BIRMINGHAM  
**SCHOOL OF MEDICINE**  
**Department of Medicine**  
*Division of Cardiovascular Disease*  
**INSTRUCTOR OF MEDICINE**

The University of Alabama at Birmingham, Division of Cardiovascular Disease is seeking applicants with a Ph.D. or M.D. for the position of Instructor. This is a non-tenure earning faculty position. Candidates must be capable of independently designing and conducting experiments and preparing and submitting data for publication. It is expected that the successful candidate will be able to secure independent extramural funding to support ongoing research. Individuals interested in this position should have experience in small animal surgery and be able to work in both *in vitro* and *in vivo*.

Interested candidates should send CV, three letters of reference, and a brief statement of your interest to:

**Robert C. Bourge, M.D., Director**  
**1900 University Blvd. UAB Station,**  
**Birmingham AL 35294**

*UAB is an equal opportunity/affirmative action employer.*

NW161009B



### LOCATION. LOCATION. LOCATION.

Auburn Research Park is Alabama's newest university-affiliated research park and is a partnership of Auburn University, the State of Alabama, and the City of Auburn.

An environmentally sustainable development, the park is a mixed-use campus designed to drive economic development through entrepreneurship, innovation, collaboration, and commercialization.

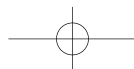


AUBURN RESEARCH PARK

Dr. John Weete, Executive Director  
Auburn Research and Technology Foundation  
215 East Thach Avenue, Auburn, AL 36830  
334-844-7480 phone / 334-844-5963 fax  
[weetejd@auburn.edu](mailto:weetejd@auburn.edu)

[www.auburnresearchpark.com](http://www.auburnresearchpark.com)

NW160065E



# HudsonAlpha Institute for Biotechnology

*Where genome-scale technology addresses human diversity and disease*

Advances in genomic technology are generating an exponential increase in what is known about genome sequences and genetic variation. HudsonAlpha is poised to develop and apply this knowledge toward increasing the quality and health of human life. Under the direction of Dr. Richard M. Myers, investigators at HudsonAlpha are gaining insights to human genetics and disease, particularly focusing on cancer, diseases of the nervous system and infectious diseases.

*Resumes are currently being accepted for:*

## Investigators

Senior Research Scientists

Postdocs

Technicians

## Current Investigators:

Richard M. Myers, Ph.D.  
Director and Investigator

Jian Han, M.D., Ph.D.  
Investigator

Devin M. Absher, Ph.D.  
Investigator

Jeremy Schmutz  
Investigator

Jane Grimwood, Ph.D.  
Investigator

Greg Barsh, M.D., Ph.D.  
Visiting Investigator

for descriptions of research areas see [hudsonalpha.org/pages/sr-researchareas.html](http://hudsonalpha.org/pages/sr-researchareas.html)



### *About HudsonAlpha*

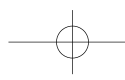
The HudsonAlpha Institute seeks to be one of the world's premiere genomics research institutions. Director Richard Myers, who grew one of the world's leading human genome centers at Stanford University, is assembling a world-class genomics research team focused on improving the human condition. This team will leverage HudsonAlpha's unique model, including: genomic research, economic development and educational outreach, to expedite the creation of tools, diagnostics and treatments for patients in need.



Huntsville, AL • [hudsonalpha.org](http://hudsonalpha.org)

From spirit to physical design, the institute's primary facility embodies and nurtures the sharing of ideas and information. Researchers employed by the not-for-profit HudsonAlpha Institute reside in one wing of the 270,000 square-ft. facility, while a separate wing houses 12 for-profit businesses. The wings are physically bridged with walkways spanning a soaring atrium that features inviting common areas. Proximity to the University of Alabama in Huntsville, the University of Alabama at Birmingham, Auburn University and Vanderbilt University adds to a rich intellectual environment for collaboration, discovery and innovation.

genomic research • educational outreach • economic development



>> Renee Rivas Is So Sharp,



We Thought About Giving Her Tenure.

As an undergraduate at The University of Alabama, Renee worked in the lab of Drs. Guy and Kim Caldwell, conducting research into Parkinson's disease, and later coauthored a report in the PNAS journal. In addition, she was editor-in-chief of the Journal of Science and Health. Prior to her graduation in 2008, she had received a Barry M. Goldwater Scholarship, the Benjamin Cummings Biology Prize, and the Randall Outstanding Undergraduate Research Award. She was a first team member of the 2008 USA Today All-USA College Academic Team and a member of Phi Beta Kappa, the University Honors Program, the Beta Beta Biological Honors Society, the Anderson Society, and the Mortar Board.

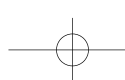
Renee is just one example of The University of Alabama's best and brightest. UA's graduates and students include 15 Rhodes Scholars, 26 Goldwater Scholars, 11 Truman Scholars, 11 Hollings Scholars, two Javits Fellows, one Udall Scholar, and one Portz Scholar. Many have advanced to stellar careers. Others are still with us, conducting world-class research alongside world-class professors. The opportunity to do research as an undergraduate under the mentorship of top faculty is one reason more and more outstanding students choose to come to The University of Alabama.

>> Keeping Renee would have been great.

**But sharing her with the world is a better idea.**

Visit [ua.edu](http://ua.edu) to learn how University of Alabama students are making an impact on campus and beyond.

NW160041R





## The University of South Alabama Mitchell Cancer Institute Is Currently Recruiting

- Chair, Department of Oncologic Sciences
- Associate Director for Clinical Research
- Abraham Mitchell Distinguished Clinical Investigators
- Abraham Mitchell Clinical Research Scholars
- Basic/Translational Cancer Research Faculty at All Ranks

### Applications and Nominations to:

Michael R. Boyd, M.D., Ph.D.  
Abraham Mitchell Chair and Director  
USA Mitchell Cancer Institute  
307 N. University Blvd., MSB 2015  
Mobile, AL 36688  
(251) 460-6993  
mci@usouthal.edu



UNIVERSITY OF SOUTH ALABAMA  
**MITCHELL**  
CANCER INSTITUTE

Visit us on line at [www.usamci.com](http://www.usamci.com)

*“Teach me to fish... and I eat for a lifetime.”*  
—Chinese proverb

Fish is the world’s top source of protein and a major source of income. Yet, oceans have been over-harvested and wild fish resources and habitat are declining, creating the need for solutions to a looming world food crisis.

Auburn University—a land, space, and sea grant institution—is home to the nation’s largest warm-water aquaculture and fisheries program, which has helped more than 120 countries.

### **China**

The Chinese government will pay for 50 students and faculty from China to study at AU, which it recognized as having the best fisheries program worldwide.

### **Uganda**

AU is leading an effort to increase the quality and quantity of fish, boost employment, and generate export income through model cage-and pond-based production systems on private fish farms.

### **America and Alabama**

AU’s fisheries program:

- creates jobs in rural communities
- supports Alabama’s billion dollar sport and recreational fishing industry
- protects the safety of our water
- helped establish the Southeast’s \$3-4 billion farm-raised catfish industry
- helped developed vaccines for two major catfish diseases that save the industry \$50 million annually
- has created a new industry in poverty-stricken western Alabama, using groundwater naturally high in salts to grow shrimp in ponds
- is increasing seafood supply from the Gulf of Mexico, protecting salt-water sportfish and marine environments through the AU Shellfish Laboratory and AU Marine and Extension Center.



### **Worldwide**

AU created Alabama Water Watch, which led to Global Water Watch, a worldwide network of community-based, water-monitoring groups in Brazil, Thailand, China, Mexico, Ecuador, and the Philippines. The effort improves the quantity, quality, and safety of water resources.

[www.auburn.edu/fishtales](http://www.auburn.edu/fishtales)



# Impact Through Innovation

Mobile, Alabama has the fastest-growing economy of any mid-size city in the U.S., according to *Forbes* magazine. Bucking national trends, the region has a robust and diverse economy. A major factor in this strength is the University of South Alabama. Through teaching, outreach, research, innovation and health care, USA provides a significant foundation for the economic success and quality of life throughout the upper Gulf Coast region.



USA Children's & Women's Hospital offers many unique services, including the area's only neonatal intensive care unit.



The Cyberknife is just one of the many state-of-the-art technologies found at the USA Mitchell Cancer Institute.



The USA Technology and Research Park provides a link between academic researchers and private industry.



USA is an important resource for Mobile's thriving economy.

- USA is the largest provider of baccalaureate and advanced degrees on the upper Gulf Coast and is one of the fastest-growing universities in the state of Alabama. [www.southalabama.edu](http://www.southalabama.edu)
- As an academic health system, USA provides advanced medical care to more than 250,000 patients each year through its hospitals and faculty physician practices. Through its Colleges of Medicine, Nursing, and Allied Health Professions, USA has educated more than 13,000 physicians and other health care professionals. [www.southalabama.edu/healthcare.html](http://www.southalabama.edu/healthcare.html)
- The largest research initiative in USA history, the new \$135 million Mitchell Cancer Institute is providing state-of-the-art cancer treatment, enhanced by academic medical research. [www.southalabama.edu/mci/](http://www.southalabama.edu/mci/)
- The USA Technology and Research Park is a major economic development initiative and magnet for high-tech and biotechnology jobs across the region. [www.southalabama.edu/usatrp/index.html](http://www.southalabama.edu/usatrp/index.html)
- A major \$8.5 million grant to the USA Center for Lung Biology is bringing jobs to the region and providing cutting-edge research to better understand lung disease and develop new therapies. [www.southalabama.edu/clb/](http://www.southalabama.edu/clb/)
- Created by the USA Center for Strategic Health Innovation, the Alabama Incident Management System encourages ongoing, real-time communication among health facilities and state Emergency Operations Centers during crises. [www.cshi.southalabama.edu/](http://www.cshi.southalabama.edu/) -or- [www.arrtc.com](http://www.arrtc.com)
- USA's engineering programs have been vital to the region's success in attracting major industry, such as aircraft and steel production. [www.southalabama.edu/engineering](http://www.southalabama.edu/engineering)

## FOR MORE INFORMATION CONTACT:

Dr. Russ Lea, Vice President for Research  
[www.southalabama.edu/vpresearch/index.html](http://www.southalabama.edu/vpresearch/index.html)  
 (251) 460-6333



**University of  
South Alabama**

[www.southalabama.edu](http://www.southalabama.edu)

