

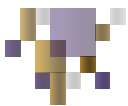
## HHMI History

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*Howard Hughes Medical Institute* is a nonprofit medical research organization that employs hundreds of leading biomedical scientists working at the forefront of their fields. In addition, through its grants program and other activities, HHMI is helping to enhance science education at all levels by encouraging talented young people to pursue research and teaching careers.



- ◆ **HHMI was founded in 1953** by aviator, engineer and former trustee, *Howard Hughes*.
- ◆ Since 1988, HHMI has awarded more than **\$1 billion** in grants.
- ◆ In 2001, HHMI announced a competitive grant program called the **HHMI Professors Program**.
- ◆ Universities were invited by HHMI to nominate faculty members to compete for the awards.
- ◆ Nationwide, only **20 institutions** were honored with the **\$1 million award**.
- ◆ Accompanying LSU are institutions such as Cornell University, Harvard University, Massachusetts Institute of Technology, Vanderbilt University, and Yale University.



The Louisiana State University's HHMI Professors Program combines undergraduate research with mentoring and new teaching strategies. Our goal is to develop a new model for undergraduate training that creates a motivating atmosphere, which promotes academic success in science, technology, engineering, and mathematics (STEM).

## Program Information

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### HHMI Professor

*Isiah M. Warner, Ph.D.*  
Vice-Chancellor

### Program Manager

*Melissa B. Crawford*

### Administrative Assistant

*Jill Rodrigue*

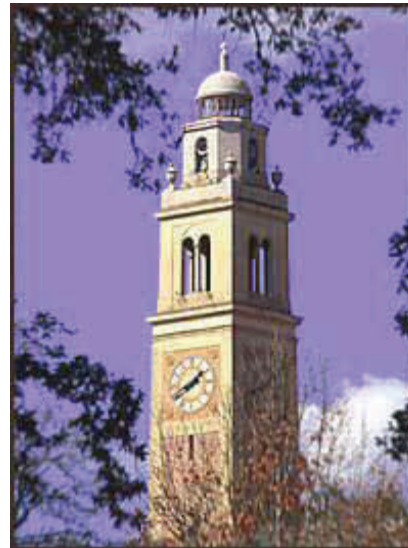


Phone: (225) 578-0281

Fax: (225) 578-7231

E-mail: [hmmiprogram@lsu.edu](mailto:hmmiprogram@lsu.edu)

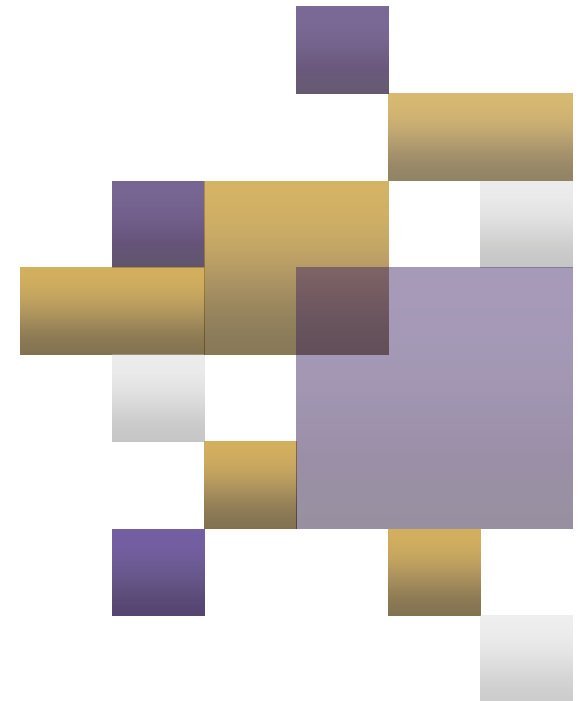
[www.lsu.edu/hhmi](http://www.lsu.edu/hhmi)



LSU IS AN EQUAL OPPORTUNITY ACCESS UNIVERSITY



## HOWARD HUGHES MEDICAL INSTITUTE



## PROFESSORS

## PROGRAM

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*Office of Strategic Initiatives*  
*240 Thomas Boyd Hall*  
*Baton Rouge, LA 70803*  
*(225) 578-0281*



## ***HHMI Professor Isiah M. Warner, Ph.D.***

When I joined the LSU faculty in 1992 as the West Chair of Chemistry, I had some definite ideas about the contributions I wanted to make to the Department of Chemistry, the university, and the scientific community. I later served as chairman of the Department of Chemistry, and also had the honor of being named a Boyd Professor, the highest honor in the LSU system. Now, as Vice Chancellor for LSU's Office of Strategic Initiatives, one of my charges is to create an environment in which all students can thrive! The HHMI Professors Program is an integral part of this effort.

The future of science in America depends on increasing the number of underrepresented students in science, technology, engineering, and mathematics (STEM). Our program's goal is to promote diversity within the STEM disciplines, particularly at the graduate level, through an innovative hierarchy model for integrating undergraduate research, education, and peer mentoring. ***Our mission is to improve student comprehension of science and mathematics at all levels of education.*** We are changing the way students think! Please join us in our effort.

Sincerely,

*Isiah M. Warner, Ph.D.  
Vice Chancellor, Strategic Initiatives  
Boyd Professor  
Howard Hughes Medical Institute Professor  
Philip W. West Professor of Analytical &  
Environmental Chemistry*

## ***HHMI Professors Program***

### ***Our Mission***

To promote diversity in the STEM disciplines by increasing the number of under-represented students seeking terminal degrees (PhDs).

### ***Our Vision***

To provide a supportive and motivating environment for students which promotes academic success through:

### **Mentoring, Education, & Research.**



### ***Mentoring***

Scholars grow through developing relationships with faculty, program staff, graduate students, LA-STEM Research Fellows, HHMI Professors Program Mentors, and high school students .

### ***Education***

We use a holistic approach to provide the scholars with the necessary tools to help them excel both academically and personally. They are also encouraged to give back to their community through service projects. The students enroll in an interactive and empowering course where they learn fundamental intrinsic values as well as essential tools for academic and professional success.

### ***Research***

The scholars receive extensive preparation as freshmen, and are required to obtain research in a laboratory and participate in summer research. They will have the opportunity to receive guidance and support from their research mentor and will gain a wealth of experience that can be used to distinguish themselves from others during the graduate school application process.

## ***Eligibility Requirements***

*We look for students who are:*

- ◆ Focused
- ◆ Highly Motivated
- ◆ Dedicated
- ◆ Self Reflective
- ◆ Community Oriented
- ◆ Seeking Academic Success

*You are eligible to apply for the HHMI Professors Program if you:*

- ◆ Have plans to pursue an undergraduate degree and a terminal degree in a STEM discipline
- ◆ Are a full-time freshman or first semester sophomore at LSU with a GPA between 2.5 and 3.0
- ◆ Are willing to commit to achieving academic excellence

## ***Program Benefits***

- ◆ Participation in the Office of Strategic Initiatives Summer Bridge Program, which includes paid tuition/fees and room/board for the student's first summer in the program
- ◆ A \$3,000 stipend paid throughout the academic year, which renews annually providing program requirements are met
- ◆ Vast opportunities for undergraduate research, academic success, personal development , and community involvement