

2011

## Mallick Hossain wins 2011 Goldwater Scholarship

Rachael Rosales

Follow this and additional works at: <https://digitalcommons.library.uab.edu/inquire>

 Part of the [Higher Education Commons](#)

---

### Recommended Citation

Rosales, Rachael (2011) "Mallick Hossain wins 2011 Goldwater Scholarship," *Inquire, the UAB undergraduate science research journal*: Vol. 2011: No. 5, Article 29.

Available at: <https://digitalcommons.library.uab.edu/inquire/vol2011/iss5/29>

This content has been accepted for inclusion by an authorized administrator of the UAB Digital Commons, and is provided as a free open access item. All inquiries regarding this item or the UAB Digital Commons should be directed to the [UAB Libraries Office of Scholarly Communication](#).

# Mallick Hossain wins 2011 Goldwater Scholarship

Rachael Rosales



As the 2011 Goldwater Scholar, Ethan Mallick Hossain has been recognized for his accomplishment in academics and research. The Barry M. Goldwater Scholarship and Excellence in Education Program provides scholarships to highly aspiring scientists, mathematicians, and engineers. In addition to a perfect academic record, which includes graduate level math courses, Mallick researches in the lab of Dr. Kevin Harris. His ultimate goal is to find a biomarker that will help doctors tailor chemotherapy treatments to different patients. Currently, Mallick and his colleagues are searching for a relationship between the cell-free DNA of patients with Acute Myeloid Leukemia (AML) and the effectiveness of the type of chemotherapy that they receive.

Mallick sought out a research experience in order to augment his education beyond the traditional classroom setting. He believes that his experiences have been a crucial part of his intellectual development.

“Rather than learning about topics that have already been discovered, a student researcher creates new knowledge,” Mallick explains. “There is no solutions manual for research, and that is what makes it so exciting. The minute I stepped into the lab, I was enthralled by the energy of my colleagues. I knew this was something new and exciting to which I could contribute.”

Mallick’s phenomenal successes described above already identify him as one of the top students at the University of Alabama at Birmingham. However, these describe only a small subset of his achievements. His debate career has included two national championships. As Mr. UAB, he serves as the paragon of scholastic achievement, leadership, campus and community involvement, and UAB school spirit.

“Life is full of opportunities, and college is the perfect place to take advantage of all those opportunities because it is all about exposing yourself to different experiences,” Mallick insists. “I’ve learned so much about different topics and about myself. At the end of the day, it’s about never stopping my explorations!”

Mallick’s explorations have ranged from forming mathematical proofs to learning how to salsa dance. When asked what advice he might offer to incoming freshmen, he offered, “Never count anything out. College is a time to explore your passions and you might just stumble onto something you would have never seen yourself doing.”