

2010

## Inquiro 4 (End Matter)

Inquiro Staff  
*University of Alabama at Birmingham*

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## 2011 Inquiro Submission Guidelines

Any student participating in scientific research at UAB is invited to submit a research paper for submission in the 2011 issue of Inquiro. Papers will be subject to student and faculty review.

The deadline for submissions is May 13, 2011; however, students participating in summer research at UAB or another institution are encouraged to submit by August 31, 2011.

*Initial submissions should follow these guidelines:*

- 1) 12 point font, double spaced, pages numbered with the author's name appearing in a header on every page (further formatting will be required upon acceptance).
- 2) Figures, tables, and graphs should be submitted in their original formats in the highest resolution possible as separate files. A .tiff file at 300 dpi is ideal.
- 3) All research papers should be submitted with the Inquiro Permission to Publish Form.

Staff also invites students to submit research narratives, interviews with faculty members, and science related editorials.

**Short Reports:** These reports are short papers derived from the text of science posters. Please convert the original poster to a Word document which includes all text, figures, tables, and images from the poster. As above, images should be submitted additionally as a separate file. The suggested length is 2,500 words.

**Research Narratives/Other:** If students would like to submit editorial or narrative pieces related to scientific research, they may certainly do so. The journal staff will review the article and consider it based on relevance and quality. The suggested length is 900 words.

Anyone who wishes to join the Inquiro staff should fill out the application on our website.

Please send submission or questions to [sciencejournal.inquiro@gmail.com](mailto:sciencejournal.inquiro@gmail.com)

For more information or to view previous publications, visit the website at [www.uab.edu/inquiro](http://www.uab.edu/inquiro).

*\*Students retain all rights to their submitted work, except to publish in another undergraduate science journal. Inquiro is an internal university document of the University of Alabama at Birmingham.*



Top to bottom: Tamara Burleson,  
Atbin Doroodchi, Shweta Patel

# inquire staff

## Chief Editors



### Andrew Buie

Andrew Buie is a senior Chemistry major with a Spanish minor at UAB. He is a member of the Chemistry Fellowship, the University Honors Program, and the newly created Spanish for Specific Purposes Certificate program.

Deeply immersed in the Student Affiliates of the American Chemical Society (SAACS), Andrew enjoys serving as a teaching assistant in the UAB Chemistry Department and leading Chemistry demonstrations within the Birmingham community. Currently, he is involved with UAB Opera's spring production of Purcell's *Dido and Aeneas*. In Fall 2011, he plans to attend Osteopathic Medical College to obtain his D.O. degree.



### Shweta Patel

Shweta Patel is a senior Biology major with a concentration in Molecular and a Chemistry and Spanish minor. She is a member of the University Honors Program and the pre-health honor society Alpha Epsilon Delta.

Currently, she is conducting breast cancer research in Dr. Trygve Tollefsbol's lab. Her professional career goal is to practice medicine in an academic setting and to teach and conduct research at a leading research university where scientific projects and clinical projects complement each other. Outside of academics, Shweta has an unyielding passion for intramural sports.

## Assistant Editors



### Khushboo Jhala

Khushboo Jhala is a junior in the Early Medical Acceptance Program at UAB. She is majoring in International Studies and minoring in Chemistry with the intent of pursuing a degree in medicine and using a global background to address international medicine. Her research interests

include analyzing stage transitions of different types of cancers as well as preventative medicine in Neuropsychology. Her favorite food is mac-and-cheese.



### Rachael Rosales

Rachael Rosales is a sophomore studying Biology. She is a member of the University Honors Program (UHP) and the Early Medical School Acceptance Program (EMSAP). In addition to her scientific interests, Rachael has

done research in the UAB Philosophy Department and participates in UAB Ethics Bowl. She plans on pursuing a career in the medical field after her undergraduate career.

## Staff Writers



### Ashruta Patel

Ashruta Patel is a senior Chemistry major and a Biology and Mathematics minor. She is currently working on her honors thesis research in the Department of Psychiatry and Behavioral Neurobiology with Dr. Rita Cowell. On

her free time, she likes to travel, meet new people, volunteer, and play soccer.



### Atbin Doroodchi

Atbin is a junior Molecular Biology and Mathematics double major. Atbin is a member of Science and Technology Honors Program, Math Fast-Track program. Atbin currently works on his honors thesis in the

Department of Neurology under the direction of Dr. Yuqing Li for which Atbin received 2010 Barry M. Goldwater Scholarship. Outside of school, he volunteers in Greenbrier at the Altamont, and he enjoys running.



### Helen Lin

Helen Lin is a junior Molecular Biology major and a Chemistry/Linguistics double minor. She is a member of the Early Medical School Acceptance Program and president of the Phi Sigma Biological Honor Society. Cur-

rently, she is researching the characteristics of membrane targeting of the protein Golgi-specific brefeldin-A sensitive binding factor 1 (GBF1), which is important in cellular trafficking. With a combined MD/PhD degree she plans to practice medicine and conduct research at a leading research university. When not in lab or in class, she volunteers her time with Scrollworks teaching piano and clarinet.



### Kavita Nadendla

Kavita Nadendla is a junior double major in Biology and Neuroscience with a minor in Chemistry. She is a member of the University Honors Program and the Early Medical School Acceptance Program. She has been

performing research for nearly two years on the genetics of schizophrenia in Dr. James Meador-Woodruff's laboratory for the Honors in Biology program. Kavita is also an officer for the Asian American Organization and a tutor in Biology and Chemistry. She volunteers with the after-school program at Glen Iris Elementary to tutor children. Upon graduation, Kavita will attend medical school in the Fall of 2012.



### Natalie Mitchell

Natalie Mitchell is a senior Molecular Biology major. She is a member of the Science and Technology Honors Program and 5<sup>th</sup> Year Masters in Biology Program. Natalie is conducting her thesis research in the Depart-

ment of Biology with Dr. Trygve Tollefsbol. In addition, she is a member of the UAB softball team. Following graduation in 2011, Natalie plans to attend medical school.



### Timmy Wang

Timmy Wang is a senior Biology major with a Chemistry minor. He is a member of the University Honors Program, Alpha Lambda Delta, and the Early Medical School Acceptance Program. His hobbies are reading, watching

movies, and playing tennis. After graduation, he plans on attending medical school.



### Timothy Fernandez

Timothy Fernandez is a sophomore Chemistry major with a concentration in Biochemistry. He is a member of the University Honors Program and is the UHP volunteer coordinator for Habitat for Humanity. He is

a Chemistry Scholar as well as the President of the Undergraduate Research Association. His hobbies include playing music and working out. Currently, he is working under Dr. Jamil Saad in the Department of Microbiology. He hopes to pursue an MD/PhD after graduation.



### Toral Patel

Toral Patel is a senior Molecular Biology major with a Chemistry minor. She is a member of the Science and Technology Honors Program, and chair of its Peer Mentor Program, and the Phi Sigma Biology Honors Society. She is

also the historian for the pre-health honors society Alpha Epsilon Delta. Her interests include traveling, painting, and reading. Currently she is working on her Master's thesis in the Department of Medicine with Dr. David Garber. After completing her degree in 2011, Toral plans to attend medical school.



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acknowledgements

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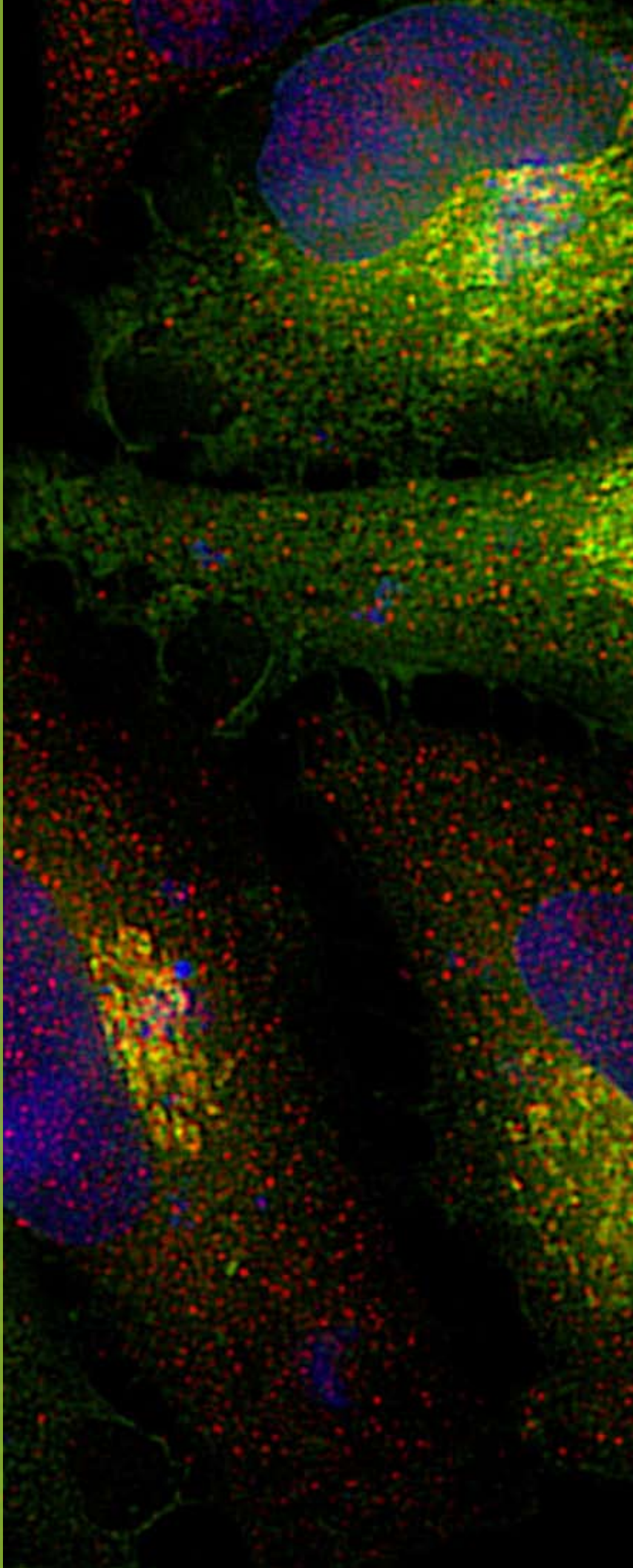
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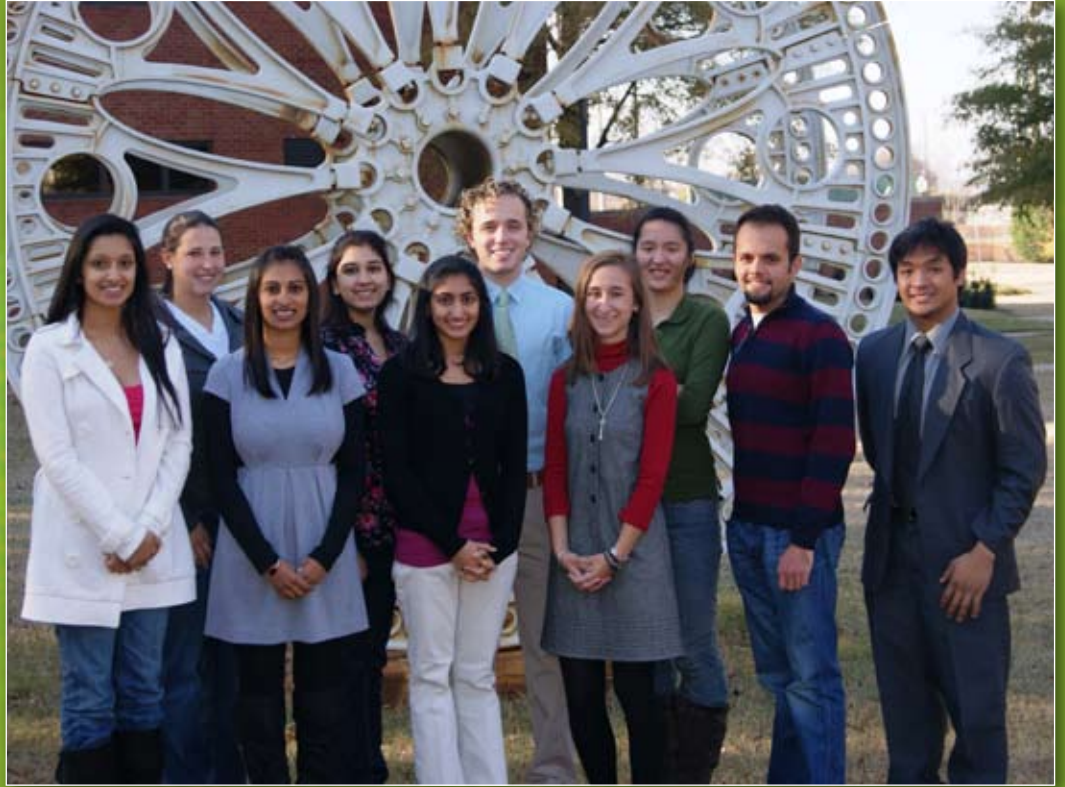
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