

2009

## Inquiro 3 (End Matter)

Inquiro Staff

*University of Alabama at Birmingham*

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# inquire staff

## Chief Editors



### Andrew Buie

Andrew Buie is a junior Chemistry major with a Spanish minor at UAB. He is a member of the Chemistry Fellowship and the University Honors Program. Andrew is a member of Alpha Epsilon Delta and AMSA and is currently the president of SAACS. He is also enrolled in the newly created Spanish for Specific Purposes Certificate program. In Spring 2010, Andrew will become a part of an interdisciplinary research project in the lab of Dr. Peter Prevelige. Upon graduation, Andrew plans on attending medical school at UAB in the fall of 2011.



### Shweta Patel

Shweta Patel is a junior Biology major (concentration in Molecular Biology) 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 researching in the field of Cancer and Aging in Dr. Trygve Tollefsbol's lab for the Honors in Biology program. With a combined MD/PhD degree, her professional career goal is 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.

## Staff Writers



### Atbin Doroodchi

Atbin is a sophomore Biology and Mathematics double major. Atbin is a member of Science and Technology Honors Program, Math Fast-Track program; Alpha Lambda Delta honors society, Pittman Society, and Golden Key International honors society and is the president of Undergraduate Research Association. Atbin currently works as a student assistant in the Department of Neurology under the direction of Dr. Yuqing Li. He enjoys reading, swimming, cycling and running.



### Danuel Laan

Danuel Laan has been a member of Inquire Editorial Board for two years, and enjoys working with his peers in presenting their work. His scientific interests include cardiac dysfunctions and circadian rhythms. Whether working to increase urban high school student matriculation into college or serving as the first student on the Alabama Rural Health Association Board of Directors, Danuel has proven himself as a leader in the community. Dan was recently accepted to Medical school, and plans to pursue primary medicine as a career.



### Natalie Mitchell

Natalie Mitchell is a junior molecular biology major. She is a member of the Science and Technology Honors Program and the Phi Sigma biology honor society. Natalie is currently working on her honors thesis research in the Department 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.



### Matt Morton

Matt Morton is a senior Biomedical Engineering and Pre-medicine major. He is a member of both the Science and Technology Honors Program and the Tau Beta Pi engineering honor society. Currently, he is working on his honors thesis research in the Program in Epidemiology of Immunity and Infection with Dr. Richard Kaslow. After completing his degree in 2010, Matt plans to attend medical school and pursue his interest in either Infectious Diseases or Oncology.



### Aaron Neal

Aaron Neal is a senior Science and Technology Honors Program student majoring in Biology. His primary research has been with Julian Rayner, Ph.D., in the area of malaria vaccine development. In addition to conducting research at UAB and in the Peruvian Amazon, Aaron spent a summer researching MRSA at the Houston Medical Center. He is a 2009 Barry M. Goldwater Scholar and intends to pursue combined M.D./Ph.D. degrees in the area of infectious diseases, specifically parasitology. Aaron is also a teaching assistant for the Department of Chemistry and teaches third grade science classes at EPIC elementary school.



### Ashruta Patel

Ashruta Patel is a junior majoring in chemistry with a concentration in Biochemistry and a Biology and Math minor. Ashruta currently works as a student assistant with Dr. Rita Cowell in Psychiatry and Behavior Neurobiology. She recently transferred from the University of Toronto, and hopes to make a decision between graduate school or professional school after completing her term as an undergraduate at UAB.

# 2010 inquirro submission guidelines

Any student participating in scientific research at UAB is invited to submit a research paper for submission in the 2010 issue of Inquirro. Papers will be subject to student and faculty review.

The deadline for submissions is May 14, 2010; however, students participating in summer research at UAB or another institution are encouraged to submit by August 20, 2010.

*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 Inquirro 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 Inquirro staff should fill out the application on our website.

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

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

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



## Toral Patel

Toral Patel is a Junior Biology major with a concentration in Molecular Biology and Chemistry and History minor. She is a member of the Science and Technology Honors Program and chair of its Peer Mentoring Program, as well as a member of the Alpha Epsilon Delta Honor Society and Phi Kappa

Phi Honors Society. Her interests include traveling, physiology, and reading. Currently, she is working on her honors thesis in the Atherosclerosis Research Unit with Dr. David Garber. After completing her degree, her professional career goals are to attend medical school and become a translational clinician.



## Courtney Sparkman

Courtney Sparkman is a junior majoring in Neuroscience at UAB. This is her second year on the Inquirro editorial review board. She works in Dr. Rita Cowell's lab in the department of Psychiatry and Behavioral Neurobiology. She is in the University Honors Program, Alpha Lambda Delta, Alpha Epsilon

Delta, Alpha Omicron Pi sorority, and serves as a UAB Ambassador.



## Celeste Stuart

Celeste Stuart is a freshman Biochemistry major. She is co-leader of the Experiential Learning Scholars Program and vice president of Blazer Hall. She is really involved in volunteer projects with ServeComm. In her free time she enjoys traveling, painting, and lap swimming. She plans to specialize in pediatric

cardiology because she is passionate about making a difference in children.



## Pratik Talati

Pratik Talati is a senior double major in Chemistry and Mathematics. His interests include reading, volunteering, and research. Currently, he works as a research assistant in Dr. Rita Cowell's lab in the Department of Psychiatry and Behavioral Neurobiology. He plans to enroll in a joint MD/PhD program

with a PhD specialization in Neuroscience in Fall 2010.



## Timmy Wang

Timmy Wang is a junior 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.

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acknowledgments

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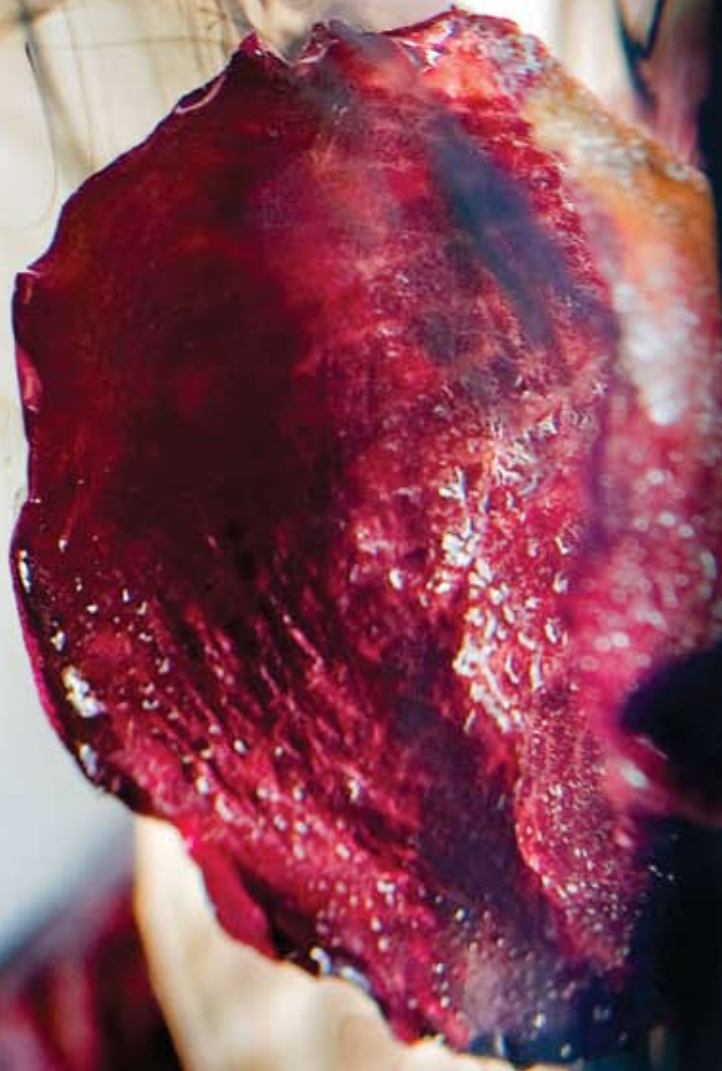
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