

2012

Inquiro 6 (End Matter)

Inquiro Staff

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2013 *Inquiro* Submission Guidelines

Any UAB undergraduate student participating in scientific research and/or any undergraduate student participating in research at UAB is invited to submit a manuscript to be considered for publication in the 2013 issue of *Inquiro*. Papers will be subject to student and faculty review.

The deadline for submission is October 9, 2013; however, students participating in summer research at UAB or another institution are encouraged to submit by August 31, 2013.

The journal accepts submissions in the following categories:

Short reports: Short research papers give a brief overview of a project and are comparable to the content of science posters. The suggested length is 1000-2000 words.

Long papers: Long research papers result from more substantial projects. The suggested length is 2500-4000 words.

Research Narratives: These are editorial or narrative pieces related to scientific research. Faculty and students will review the article and consider it based on relevance and quality. The suggested length is 600-800 words.

Initial submissions should follow these guidelines:

1. Research papers should include a title, the full name(s) and affiliation(s) of the author(s), and the following sections: Abstract, Introduction, Materials and Methods, Results, Discussion, Conclusion, and References. References should be in APA format. Specific guidelines for each section will be posted on our website over the summer.
2. Research papers should be written in third person. Research narratives should be written in first person.
3. Research papers should be submitted as Microsoft Word documents, double spaced and formatted in 12 pt Times New Roman font. Pages should be numbered with the first author's name appearing in a header on every page.
4. Figures, tables and graphs should be submitted in their original formats in the highest resolution possible. They may be submitted as separate files or embedded in the text of the document in the locations in which the author would like them to appear in a published version. If submitted separately, please indicate in the manuscript where the figures should appear.
5. A completed Permission to Publish form must be submitted with all research papers. The form can be found on our website.

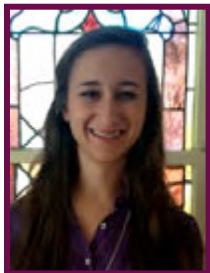
Please send submissions, questions or comments to inquiro@uab.edu. Students who wish to join the *Inquiro* staff may also contact the editors at this address.

For more information or to view previous publications, visit our website at uab.edu/inquiro.

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

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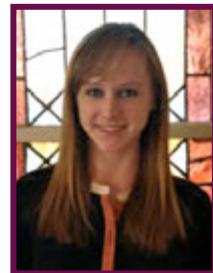


Rachael Rosales

Rachael Rosales is a senior in the Early Medical School Acceptance Program and University Honors Program. She will graduate with a B.S. in Biology and a B.A. in Philosophy. At UAB, she conducted public health and medical ethics research. She will start medical school this year, and she plans to pursue a career in primary care.

Miranda Collier

Miranda is a junior pursuing a B.S. in Biochemistry with minors in Mathematics and Biology. She is in the University Honors Program, is a Chemistry Scholar, and is Co-Chair of the Undergraduate Research Organization. She is interested in attending graduate school and one day teaching while conducting biochemical research.



Assistant Editor



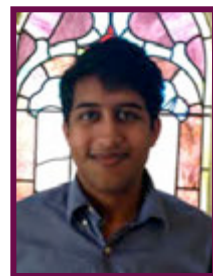
Chapin Cavender

Chapin is a sophomore pursuing a B.S. in Physics with a concentration in Biophysics and minors in Biology, Chemistry, and Mathematics. He is a member of the University Honors Program, the Undergraduate Student Government Association, and the Undergraduate Research Association. He works for Dr. Molly Bray in the Department of Epidemiology at UAB since August 2011 on the TIGER study, which examines the influence of genetics on response to an exercise protocol. He plans to participate in an MD/PhD program.

Staff Writers

Amiya Ahmed

Amiya is a junior double who is majoring in Molecular Biology and Philosophy with a minor in Chemistry. He is a member of the University Honors Program and the Biology Scholars Program. Amiya works at the McWane Science Center as a facilitator, teaching science to middle school children. He also researches geriatrics and heart failure with the UAB Center for Aging and hopes to pursue a career as a physician-scientist.



Sadhvi Batra

Sadhvi is a junior majoring in Neuroscience and Philosophy. She plans on pursuing a career in medicine after graduation. In her free time she enjoys writing and going on adventures with her friends.

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Naveed Farrukh

Naveed is a junior Neuroscience major who is also pursuing his Master's in Public Health with a concentration in Healthcare Organization and Policy. He hopes to one day be a physician but also work with the government on healthcare policy. Seattle is a nice city in his mind, and, apart from oxygen, he also breathes a significant amount of European football (aka soccer).

Timothy Fernandez

Timothy is a senior double majoring in Biochemistry and Molecular Biology. He is in the University Honors Program and is a Chemistry Scholar. Currently, he is researching protein interactions in the Fas-mediated apoptosis pathway for which he received one of UAB's first Beckman Scholarships. Outside of research, he is a member of UAB's Table Tennis Team. He will attend medical school in Fall 2013 upon completion of his undergraduate degrees.



Pooja Gajare

Pooja is currently a junior at UAB. She is a member of the University Honors Program as well as the Early Medical School Acceptance Program. She enjoys helping make Inquire an excellent publication.

Nikhita Jain

Nikhita is a junior international studies major, with a concentration in Latin American awareness. She is on the pre-medical track and aspires to pursue a specialty involving pediatric medicine. She is currently a research assistant in a neurology lab of the Department of Pediatrics. Her project involves studying the roles that various precursor proteins play in neural development within neonates. Nikhita also serves as a UAB Ambassador and a member of the sorority Alpha Gamma Delta. She is in the Early Medical Acceptance Program and the University Honors program.



Paul Lee

Paul is a junior in the Science and Technology Honors program. He currently does research with Dr. Chattopadhyay of the Department of Medicine on the parasite *Cryptosporidium parvum*. He is investigating the biochemical properties of its pyruvate kinase enzyme.

Roxanne Lockhart

Roxanne is a sophomore pursuing a B.S. in Molecular Biology with minors in Chemistry and Japanese. She is a member of the University Honors Program. Roxanne has worked with Dr. Candace Floyd, a professor and researcher in the Physical Medicine and Rehabilitation Department, for three years and is currently studying the effect of N-acetylglucosamine and opioid abuse on post-traumatic brain injury. Roxanne plans to enter medical school in the fall of 2015.





Anum Muzaffar

Anum is a junior who is majoring in Biology and minoring in Chemistry and Public Health. She is part of the University Honors Program and is doing research under Dr. Amsler in the Department of Biology, investigating the role of temperature on Antarctic algae. She is also doing research under the guidance of Dr. James Galbraith in the Emergency Medicine Department at UAB Hospital. In the future, she hopes to pursue a career in medicine.

Grace Nix

Grace is a sophomore studying Neuroscience with an expected Biology minor. She is in the University Honors Program and is currently working in Dr. Rita Cowell's lab in the Department of Psychiatry and Behavioral Neurobiology on a research project involving Tourette's phenotypes. She is interested in staying in the medical field, but unsure what avenue within medicine.



Sope Oguntuyo

Sope is a senior majoring in Molecular Biology and minoring in Chemistry and History. He is a member of the Science and Technology Honors Program and co-director of the Alabama Brain Bee. His current independent research project focuses on developing a novel means to classify mycobacteriophage. In the future, Sope hopes to combine his medical and research interests to improve patient care.

Harsh Shah

Harsh is a junior in the University Honors Program and Biology Honors Program. He is pursuing a Bachelors in Biology and a Master's in Public Health. Harsh conducts research in the UAB Department of Biology on alternative, natural treatments of breast cancer cells. When Harsh is not a Teaching Assistant in the Biology Department he like to play tennis, dance, and catch up on some sleep.



Ramya Singireddy

Ramya is a third-year UAB student and aspires to attend medical school after her undergraduate years. She is a member of the EMSAP program and the undergraduate Neuroscience program. Ramya is currently conducting Traumatic Brain Injury research under Dr. Hubert Tse. In addition, she was a member of UAB's Phage Genomics program her sophomore year. She is a native Californian and enjoys writing, dance, and watching movies.

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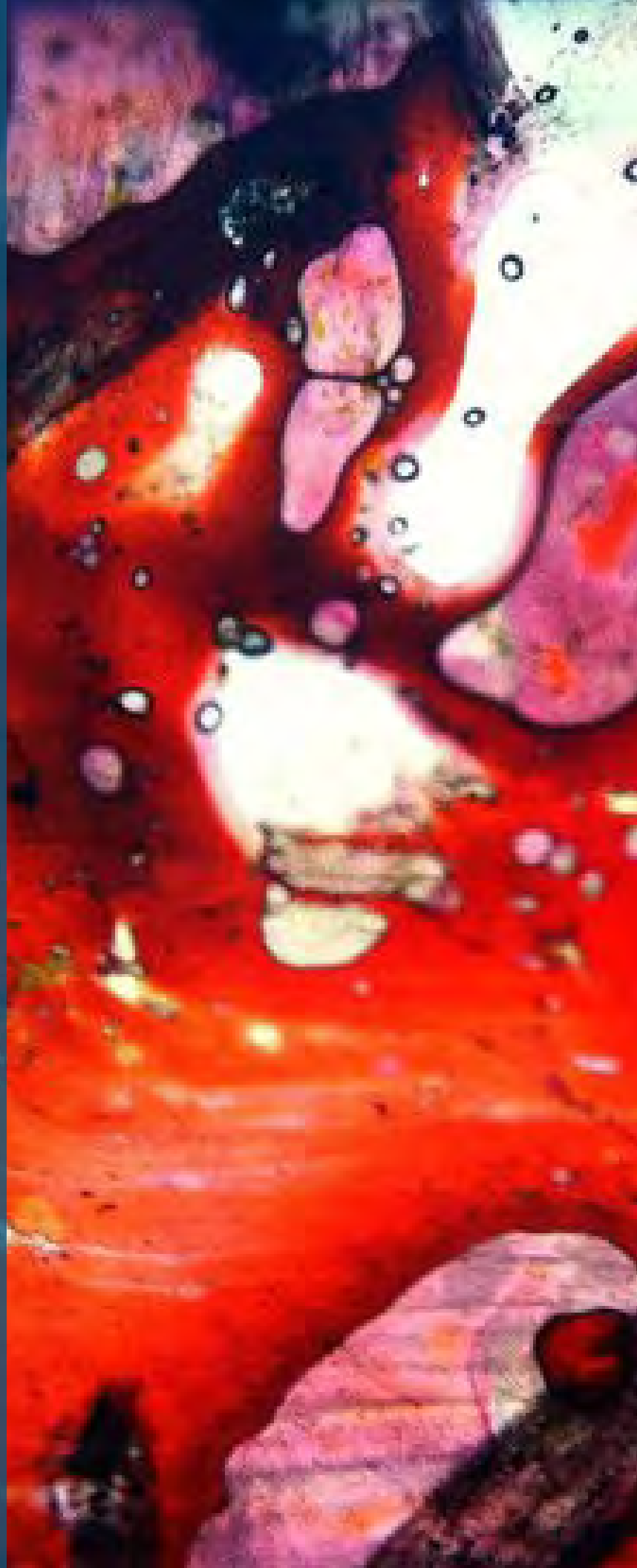
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