

# Stanford

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## Biafra Ahanonu

Ph.D. Student in Biology, admitted Autumn 2012

### Bio

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#### HONORS AND AWARDS

- Gates Millennium Scholarship, Bill & Melinda Gates Foundation / UNCF (2008)
- Graduate Research Fellowship, National Science Foundation (NSF) (2012)
- Gilliam Fellowships for Advanced Study, Howard Hughes Medical Institute (2015)

#### PROFESSIONAL AFFILIATIONS AND ACTIVITIES

- Member, Stanford Human Subjects Institutional Review Board (2015 - present)
- President, Stanford Biosciences Student Association (2016 - 2017)
- CGAP Graduate Student Representative, Stanford Biosciences Committee on Graduate Admissions and Policy (2014 - 2017)

#### EDUCATION AND CERTIFICATIONS

- B.S., Massachusetts Institute of Technology, Biology & Brain and Cognitive Sciences (2012)

#### STANFORD ADVISORS

- Mark Schnitzer, Doctoral (Program)

#### LINKS

- Personal website: <http://bahanonu.com>
- Cheong Lab (Intern): <http://www.tll.org.sg/group-leaders/ian-cheong/>
- Tsai Lab (Undergrad): <http://web.mit.edu/lhtsai/>
- Jasanoff Lab (Undergrad): <http://web.mit.edu/jasanofflab/>
- Jayaraman Lab (Intern): <http://www.janelia.org/lab/jayaraman-lab>
- Louis Lab (Intern): <http://janelia.org/people/alumni/matthieu-louis>

### Research & Scholarship

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#### CURRENT RESEARCH AND SCHOLARLY INTERESTS

Basic understanding of the mechanisms underlying autophagy, chaperones, and protein quality control in the nervous system as a route to more effective therapies for neurodegenerative diseases (Alzheimer's, Frontotemporal Dementia, Huntington's, etc.).

## Publications

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### PUBLICATIONS

- **SIRT1 collaborates with ATM and HDAC1 to maintain genomic stability in neurons** *NATURE NEUROSCIENCE*  
Dobbin, M. M., Madabhushi, R., Pan, L., Chen, Y., Kim, D., Gao, J., Ahanonu, B., Pao, P., Qiu, Y., Zhao, Y., Tsai, L.  
2013; 16 (8): 1008-U54
- **On the Technology Prospects and Investment Opportunities for Scalable Neuroscience** *arXiv*  
Dean, T., Ahanonu, B., et al  
2013; 1307 (7302)