

6500 Main St., Rm 613,  
BioScience Research Collaborative, Houston, TX 77030  
(510) 541-3497 / [aminaq@gmail.com](mailto:aminaq@gmail.com) / [qutublab.org](http://qutublab.org)

## AMINA ANN QUTUB

### EDUCATION

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University of California, Berkeley and San Francisco	Ph.D., Bioengineering
Rice University, Houston, TX	B.S., Chemical Engineering

### EXPERIENCE

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#### RESEARCH & SCIENCE

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2014-2015	<b>International DREAM Biomedical Data Challenge Scientific Lead</b> Acute Myeloid Leukemia Prediction Outcome Prediction Challenge Lead	
2010-present	<b>Baylor College of Medicine</b> Adjunct Assistant Professor, Dept Molecular Physiology and Biophysics	<b>Houston, TX</b>
2009-present	<b>Rice University</b> Assistant Professor, Department of Bioengineering	<b>Houston, TX</b>
2004 – 2009	<b>Johns Hopkins University, School of Medicine</b> Postdoctoral Fellow, Department of Biomedical Engineering	<b>Baltimore, MD</b>
2000-2004	<b>UCSF Department of Biopharmaceutical Sciences</b> Graduate Researcher	<b>San Francisco, CA</b>

#### BUSINESS

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2014-present	<b>DiBS (dibsvis.com)</b> Co-Founder and President Texas Medical Center Innovation (TMCx) Inaugural Class	<b>Houston, TX</b>
2008	<b>New Enterprise Associates</b> Intern, Healthcare Investing Team	<b>Chevy Chase, MD</b>

<b>2007-2008</b>	<b>Leadership &amp; Management in the Life Sciences</b> Carey Business School, Johns Hopkins University	<b>Baltimore, MD</b>
<b>2005-2006</b>	<b>Foundation for International Medical Relief of Children</b> Vice-President for Administration, Director of Corporate Partnerships	<b>Washington, D.C.</b>
<b>2002-2003</b>	<b>B<sup>3</sup>io, Inc</b> Founder and CEO	<b>Berkeley, CA</b>

## **AWARDS & HONORS**

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<b>2012-2017</b>	National Science Foundation CAREER Award
<b>2017</b>	Bioinformatics Peer Prize Winner
<b>2017</b>	National Academies Frontiers of Engineering Symposia, Chair
<b>2016</b>	National Academies Frontiers of Engineering Symposia, Organizing Committee
<b>2016</b>	Biomedical Engineering Society, Systems Biology Track Co-Chair
<b>2015, 2011</b>	Hamill Innovation Award, Institute of Biosciences and Bioengineering, Rice
<b>2014-2016</b>	National Academies Frontiers of Engineering Symposia, Invited Participant <i>Arab-American Frontiers of Science, Engineering &amp; Medicine, Thuwal, Saudi Arabia</i> <i>China-America Frontiers of Engineering, Irvine, CA</i> <i>Indo-American Frontiers of Engineering, Mysore, India</i>
<b>2014</b>	The Academy of Medicine, Engineering & Science of Texas Conference Protégé Invitee
<b>2013</b>	The DREAM Project ( <a href="http://www.the-dream-project.org">www.the-dream-project.org</a> ) SubChallenge Winner
<b>2011-2013</b>	National Academies Keck Future Initiatives Grant Award
<b>2006-2009</b>	Ruth L. Kirschstein National Service Research Award
<b>2007-2008</b>	Johns Hopkins Leadership and Management in the Life Sciences Program Scholarship
<b>1999-2004</b>	Whitaker Bioengineering Research Fellowship
<b>2003</b>	Berkeley-Stanford Innovator's Challenge Competition Finalist
<b>2002</b>	University of California, Berkeley, Haas Business Plan Competition Finalist
<b>1999</b>	Rice University Chemical Engineering Thomas Moore Scholarship

## **PUBLICATIONS & PRESENTATIONS**

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> 40 Peer-Reviewed Publications

19 Grants & Gifts for Research (2010-2017)

100 Invited Talks, 4 Invited Keynotes

Media Interviews: *KHOU, Physics World, Voice of America, Discovery News, PwC, Health Data Management, TEDx, Xconomy*