

AMINA ANN QUTUB

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EDUCATION

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

EXPERIENCE

RESEARCH

2018–present	University of Texas, San Antonio Associate Professor, Department of Biomedical Engineering	San Antonio, TX
2010–present	Baylor College of Medicine Adjunct Assistant Professor, Dept Molecular Physiology and Biophysics	Houston, TX
2009–2018	Rice University Assistant Professor, Department of Bioengineering	Houston, TX
2004–2009	Johns Hopkins University, School of Medicine Postdoctoral Fellow, Department of Biomedical Engineering	Baltimore, MD
2000–2004	UCSF Department of Biopharmaceutical Sciences Graduate Researcher	San Francisco, CA

SCIENTIFIC LEADERSHIP

2018-present	NASA GeneLab (genelab.nasa.gov) Steering Committee Member	Mountain View, CA
2017-present	Texas Medical Center Biomedical Data Workshops Co-Founder and Organizer	Houston, TX San Antonio, TX
2016-2017	National Academies of Engineering, Science & Medicine Arab-American Frontiers Symposia Chair & Organizing Committee	Rabat, Morocco
2014–2015	International DREAM 9 Biomedical Data Challenge Acute Myeloid Leukemia Prediction Outcome Prediction Challenge Lead	

BUSINESS

2014–present	DiBS (dibsvis.com) Co-Founder and President Texas Medical Center Innovation (TMCx) Inaugural Class	Houston, TX
2008	New Enterprise Associates Intern, Healthcare Investing Team	Chevy Chase, MD
2007–2008	Leadership & Management in the Life Sciences Carey Business School, Johns Hopkins University	Baltimore, MD
2005–2006	Foundation for International Medical Relief of Children Vice-President for Administration, Director of Corporate Partnerships	Washington, D.C.

AWARDS & HONORS

2012–2017	National Science Foundation CAREER Award
2017	Bioinformatics Peer Prize Winner
2016	Biomedical Engineering Society, Systems Biology Track Co-Chair
2015, 2011	Hamill Innovation Award, Institute of Biosciences and Bioengineering, Rice
2014–2016	National Academies Frontiers of Engineering Symposia, Participant/Speaker <i>Arab-American Frontiers of Science, Engineering & Medicine, Thuwal, Saudi Arabia</i> <i>China-America Frontiers of Engineering, Irvine, CA</i> <i>Indo-American Frontiers of Engineering, Mysore, India</i>
2014	The Academy of Medicine, Engineering & Science of Texas Conference Protégé Invitee
2013	The DREAM Project (www.the-dream-project.org) Data Visualization Winner
2011–2013	National Academies Keck Future Initiatives Grant Award
2006–2009	Ruth L. Kirschstein National Service Research Award
2007–2008	Johns Hopkins Leadership and Management in the Life Sciences Program Scholarship
2000–2004	Whitaker Bioengineering Research Fellowship

PRESENTATIONS, PUBLICATIONS & FUNDING

> 120 Invited Talks, 8 Invited Keynotes

> 45 Peer-Reviewed Publications in Systems Biology, Data Science & Precision Medicine

20 Grants & Gifts for Research across Federal, Foundation & Corporate Sources (2010-2018)

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