The Building Reliable Advances and Innovation in Neurotechnology (BRAIN) Center is an Industry/University Collaborative Research Center at Arizona State University and the University of Houston. This partnership will allow rigorous testing of efficacy, safety and long-term reliability of neurotechnology that would not be otherwise possible within the traditional ‘silos’ of academic, industry, regulatory and clinical communities.
focused on student success

18,993
fall 2015 enrollment

2,797
first-time freshmen
fall 2015

3,076
degrees granted
2014–2015

30% of Barrett, the Honors College students are in the Fulton Schools

Investment fuels growth and success

- Enrollment increased from about 7,000 in 2007 to about 19,000 students in 2015.
- Our graduation rates have doubled over the last six years.
- One in five ASU students is enrolled in the Ira A. Fulton Schools of Engineering.
We are leading critical national initiatives

**QESST NSF-DOE Engineering Research Center** with partners MIT, Caltech, Georgia Tech and others

**CBBG NSF Engineering Research Center** with partners Georgia Tech, New Mexico State and UC Davis

**Partner on Rice University-led NEWT NSF Engineering Research Center** with Yale and UTEP

**NSF I/UCRCs** (Industry/University Cooperative Research Programs): PSERC, Connection One, SenSIP, WET, and Center for Embedded Systems

**Two NSF IGERTs** (Integrative Graduate Education and Research Traineeship)

**Six MURI awards** (Multidisciplinary University Research Initiatives); 11 total since FY2005

**$18 million from USAID** to establish the Partnership Center for Advanced Studies in Energy (PCASE) to improve power production in Pakistan

**HEEAP, Higher Engineering Education Alliance Program** (Intel, Siemens) $20M cash and more than $50M in-kind donations by academic, government and industry partners

**20 young investigator awards** from NSF CAREER, AFOSR YIP, DARPA YFA, and NIH Directors/Development 2014–2015

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2013–2014
Visar Berisha, Ph.D., Arizona State University
Wai “Oswald” Chong, Ph.D., University of Texas–Austin
Bradley Greger, Ph.D., Washington University, St. Louis
Ximin He, Ph.D., University of Cambridge
Keng Hao Hsu, Ph.D., University of Illinois
Nathan Johnson, Ph.D., Iowa State University
Yingyan Lou, Ph.D., University of Florida
Bin Mu, Ph.D., Georgia Institute of Technology
Mehdi Nikkhah, Ph.D., Virginia Polytechnic Institute and State University
Umir Ogras, Ph.D., Carnegie Mellon University
Greg Raupp, Ph.D., University of Wisconsin, Madison
Rod Roscoe, Ph.D., University of Pittsburgh
Konrad Rykaczewski, Ph.D., Georgia Institute of Technology
Rosalind Sadleir, Ph.D., University of Western Australia
Jae-sun Seo, Ph.D., University of Michigan
Shimeng Yu, Ph.D., Stanford University
Xuesong Zhou, Ph.D., University of Maryland

2014–2015
Steven Ayer, Ph.D., Penn State
David Brafman, Ph.D., University of California, San Diego
John Brunhaver II, Ph.D., Stanford University
Samantha Brunhaver, Ph.D., Stanford University
Adam Doupé, Ph.D., University of California, Santa Barbara
Heather Emady, Ph.D., Purdue University
Emma Frow, Ph.D., Cambridge University
Robert David Gray, Ph.D., York University, Toronto
Matthew Green, Ph.D., Virginia Polytechnic Institute and State University
Jingrui He, Ph.D., Carnegie Mellon University
Owen Hildreth, Ph.D., Georgia Institute of Technology
Claire Honeycutt, Ph.D., Georgia Institute of Technology
Sharon Hsiao, Ph.D., University of Pittsburgh
Jaewon Jang, Ph.D., Georgia Institute of Technology
Nadia Kellam, Ph.D., University of South Carolina
Richard Kiehl, Ph.D., Purdue University
Klaus S. Lackner, Ph.D., Heidelberg University, Germany
Thurnon Lockhart, Ph.D., Texas Tech
Fengbo Ren, Ph.D., UCLA
Yi “Max” Ren, Ph.D., University of Michigan
Mohamed Sarwat, Ph.D., University of Minnesota
Anna Scaglione, Ph.D., Sapienza–Università di Roma
Paulo Shakarian, Ph.D., University of Maryland, College Park
Barbara Smith, Ph.D., Colorado State University
Hanghang Tong, Ph.D., Carnegie Mellon University
William "Jamie" Tyler, Ph.D., University of Alabama-Birmingham
Sefaattin Tongay, Ph.D., University of Florida
Qing Hua Wang, Ph.D., Northwestern University
Yu Yao, Ph.D., Princeton University
Yuju Zhao, Ph.D., University of California, Santa Barbara

2015–2016
Daniel Aukes, Ph.D., Stanford University
Heni Ben Amor, Ph.D., Technical University Freiberg, Germany, and Osaka University, Japan
Otakuye Conroy-Ben, Ph.D., University of Arizona
Shuguang Deng, Ph.D., University of Cincinnati
Mo Ebrahimi Khani, M.D., Tehran University of Medical Sciences
Julianne Holloway, Ph.D., Drexel University
Feng Ju, Ph.D., University of Wisconsin-Madison
Samira Kiani, M.D., Tehran University of Medical Sciences
Richard King, Ph.D., Stanford University
Hyunglae Lee, Ph.D., MIT
Qin Lei, Ph.D., Michigan State University
Jeremi London, Ph.D., Purdue University
Hamid Marvi, Ph.D., Georgia Institute of Technology
Brent Nannenga, Ph.D., University of Washington
Paolo Papotti, Ph.D., Università Roma Tre, Italy
Ted Pavlic, Ph.D., The Ohio State University
Francois Perreault, Ph.D., Université du Québec à Montréal, Canada
Panagiotis Polycerinos, Ph.D, King’s College, London
Jiangchao Qin, Ph.D., Purdue University
Jorge Sefair, Ph.D., University of Florida
Giorgios Trichopoulos, Ph.D., The Ohio State University
Wenlong Zhang, Ph.D., University of California, Berkeley
Ming Zhao, Ph.D., University of Florida

Lecturers and Professors of Practice (2013–2015)
Ruben Acuna, M.S., Arizona State University
Casey Ankeny, Ph.D., Emory University
Alicia Baumann, M.S., University of Wyoming
Wylie Bearup, Ph.D., University of Illinois at Urbana-Champaign
Steve Cho, Ph.D., University of Michigan; MBA, UCLA
Michael Clough, M.S., Arizona State University
Gregory Files, M.S., South University
Anoop Grewal, Ph.D., Cornell University
Kanika Grover, Ph.D., Auburn University
Olin Hartin, Ph.D., University of Texas–Austin
Usha Jagannathan, MCA, Bharathiar University, India
Cheryl Jennings, Ph.D., Arizona State University
Chad Kennedy, Ph.D., Arizona State University
Joshua Loughman, M.S., Arizona State University
Ryan Meuth, Ph.D., Missouri S&T
Phillip Miller, MBA, Northcentral University
Scott Parazynski, M.D., Stanford Medical School
John Parsey, Ph.D., MIT
Shankar Ramakrishnan, M.S., Arizona State University
Thomas Roberts, Ph.D., Arizona State University
Brent Sebold, Ed.D., Arizona State University
Justin Selgrad, M.S., Washington University, St. Louis
Abdel Rahman Shuaib, Ph.D, University of Wisconsin-Madison
David Taylor, Ph.D., Arizona State University
Michael Van Auken, J.D., Santa Clara University School of Law and Ph.D., University of Pittsburgh
Katherine Wallmueller, M.A.S., Embry Riddle Aeronautical University
Kristen Ward, Ph.D., University of Arizona
Daniel B. White, Ph.D., MIT
Marnie Wong, M.S., Arizona State University

321 tenured/tenure-track faculty
70 lecturers • 8 professors of practice
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