FOLLOW your passion
EXPLORE your purpose
MAKE your imprint
Imagine being part of an organization where everyone is committed to making the world a better place. That’s what you will find when you join the Biodesign Institute at Arizona State University.

In the 10 years since it opened, the Biodesign Institute has been home to scientists who have ushered in advances that are helping make people healthier, cleaning up the planet, and protecting us against biological threats.

Working at Biodesign isn’t about having a job; it’s about pursuing your passion.

Follow your passion

Biodesign leaders know that when you are at your best, you will contribute your best.

That’s why we’ve created a culture where people feel valued – not just for their work, but for who they are.
Witness Hansa Done.
Hansa is a candidate for her doctoral degree. She has been working on measuring the amount of antibiotics in farm-raised seafood, under the guidance of one of the finest environmental engineers in the world, Rolf Halden, Ph.D.

Additional antibiotics used in aquaculture can promote the growth of bacteria that are antibiotic-resistant, making medicines impotent against infections. After screening 47 samples for antibiotics among six common types of seafood, Hansa detected five antibiotics. Their presence signals overuse of these medicines by aquaculture farmers, and over time, it will lead to a real danger.

“Every single second you are playing music, you are involved in it, whether it's counting in your head or listening to make sure you are playing within your section, with the orchestra or with the conductor,” said Hansa. “And I think the same applies to science because there are always a thousand different things you have to think about when you are designing an experiment.

Hansa’s dream:
Feed the world by finding ways to harvest more healthy food from our oceans and seas.

Explore your purpose

At Biodesign, about 500 people who care about the same things you do will become your colleagues. The people who work at Biodesign are bright, curious and determined to make a difference.

They are open to new people and hungry for new information and ideas. Imagine meeting a brilliant biochemist, an oncologist or an environmental engineer at the coffee shop. Imagine discovering that each of you has a passion connected to cancer. Imagine stopping by the expert’s lab to understand her work better – and adding your knowledge to her solution.

That’s the start of a new idea – a big idea that transcends old boundaries.
The sky’s the limit, but not at Biodesign. From studying how viruses behave in space, to pioneering quicker diagnoses for cancer, to finding the link between gut flora and autism, to discovering a serum that effectively treats Ebola, real on-the-ground solutions are incubating at Biodesign every day.

Not only do Biodesign employees invest their individual talents, but together, they are making an impact on the community and the state. Each year, we host thousands of inquiring minds – young and old – for an array of discovery events. According to the 2014 Academic Ranking of World Universities, Arizona State University is one of the top public research universities.

Biodesign plays a part in raising ASU’s research profile, since faculty here bring in nearly 30 percent of all the university’s grants from the National Institutes of Health. With a new charter adopted by the Arizona Board of Regents, ASU President Michael Crow has forever engraved the pursuit of science into the university’s DNA:

ASU is a comprehensive public research university, measured not by whom we exclude, but rather by whom we include and how they succeed; advancing research and discovery of public value; and assuming fundamental responsibility for the economic, social, cultural and overall health of the communities it serves.

Since Biodesign’s launch in 2004, we have directly generated $291 million to the state’s economy.
Prathap’s dream: Replicate the Biodesign model and work environment in another part of the world.

– Prathap Parameswaran, Ph.D., engineer, Biodesign Institute’s Swette Center for Environmental Biotechnology

We have an end goal of making our innovations useful to those in Arizona or wherever our discoveries may be needed. Sharing expertise and openly discussing roadblocks and successes has its benefits: a workforce willing to collaborate to move the work forward.

“There is a lot of effort made here to get to know each other – through regular mixers, recognition and project seed funding. That facilitates collaborations in a better way. Arizona will reap benefits from its investment in Biodesign through our discoveries now and for years to come.”
As part of Arizona State University, Biodesign employees enjoy everything the university has to offer. We are part of the bustling Tempe campus. More than 150 paid students and hundreds of young collaborators are embedded in our teams. Since we are busy mentoring future scientists, Biodesign’s nurturing approach carries over to its professional team.

Many at Biodesign take advantage of the tuition waiver, one of the most popular employee benefits. ASU full-time employees are also eligible for the state retirement plan. Factor in a comprehensive benefit package – including medical, pharmacy, vision and dental plans, life insurance, employee wellness and health care accounts – and you are likely to find a satisfying home at Biodesign.

For a complete list of benefits, visit https://cfo.asu.edu/hr-benefitsguide.

“It is fulfilling to know that I was a part of successful endeavors, such as the recent Ebola treatments that began here in our vaccine development group.”
— Jacki Kilbourne, technical supervisor, Biodesign Institute Center for Infectious Diseases and Vaccinology

“The flexibility of the Biodesign Institute has been of huge value to me in developing lasting interactions with small companies. One of our joint grants with Mapp Biopharmaceuticals led to the development of ZMapp™ — the leading Ebola therapeutic now under development.”
— Charles Arntzen, Ph.D., Regents’ professor, Florence Ely Nelson presidential endowed chair, founding director of the Biodesign Institute, and professor in the Center for Infectious Diseases and Vaccinology
“The institute projects an optimism about human ingenuity and about Arizona’s future in an exciting modern world. I love to tell people in my personal life that I work at the Biodesign Institute.”

— Rhett Martineau, research engineer, Biodesign Institute Center for Biosignatures Discovery Automation and Arizona native

“I was able to receive my master’s degree in health care innovation for a fraction of the cost because of ASU’s tuition waiver benefit for employees. This benefit extends to my husband and our dependent children, which is amazing.”

— Kerri Robinson, associate director, Biodesign Institute Center for Sustainable Health

Determining the best move for your future is a big step. Our hiring managers and human resources professionals are available to answer your questions.

For more information, contact Biodesign Human Resources Manager Elaina Thomas at Elaina.Thomas@asu.edu or (480) 965-7401.

http://www.biodesign.asu.edu
The Biodesign Institute at ASU addresses today’s critical global challenges in health care, sustainability and security by developing solutions inspired from natural systems and translating those solutions into commercially viable products and clinical practices.

Visit us on the web at http://biodesign.asu.edu/ or at Twitter @ASUBiodesign Facebook ASUBiodesign LinkedIn ASU Biodesign Institute