



PHOENIX FORWARD »

BIOSCIENCE LEADERSHIP COUNCIL

Arizona is a bioscience state on the rise.

Greater Phoenix and Arizona are powerful hubs for the fast-growing bioscience industry. Since 2002, jobs in this industry have grown at three times the national average.

Arizona's bioscience industry employs more than 110,000 people and has an annual economic impact of \$14 billion on the state. That figure shoots up to \$36 billion when hospitals are included. Since the launch of Arizona's Bioscience Roadmap in 2002, our state has achieved what many have taken more than 40 years to accomplish.

The Phoenix Biomedical Campus has a \$1.3 billion economic impact as a one-of-a-kind collaboration between all three state universities, several hospitals and the Translational Genomics Research Institute (TGen). It competes with other bioscience hubs in San Diego, Seattle, Maryland, the Research Triangle in North Carolina and as far away as Singapore.

Given the significant progress Arizona has achieved in growing this highly impactful sector, it is critical to continue to nurture and grow the innovative bioscience companies that have emerged and planted roots here by facilitating mutually beneficial collaborations and leveraging available resources.

Who is involved

Phoenix Forward's Bioscience Leadership Council convenes the region's innovators, driving the latest advances in bioscience, research and personalized medicine. The council is led by Thomas J. Sadvary, CEO of HonorHealth and Dr. Robert Bowser, Chairman, Division of Neurobiology of Barrow Neurological Institute.

The council's priorities are to create opportunities that ignite growth for existing bioscience companies in the region and further the implementation of Arizona's Bioscience Roadmap.

In addition, the council advocates for public policies that strengthen and support bioscience expansion and Arizona's competitive advantage in the industry.

The co-chairs are joined by leaders from national and global bioscience companies, research institutions and support organizations, including:

- **Dirk Karsten Beth**, *Managing Director and Founder*, Hyalescent Ventures
- **Tess Burleson, CPA, MBA**, *Chief Operating Officer and President*, TGen Health Ventures
- **Sergio Gazic**, *Bioscience Portfolio Manager*, Arizona Commerce Authority
- **MaryAnn Guerra, MBA**, *Chairman of the Board, CEO, and Co-Founder*, BioAccel
- **Dr. Joshua L. LaBaer**, *Interim Executive Director*, The Biodesign Institute at Arizona State University
- **Janet Spear**, *Executive Director and Plant Manager*, Celgene Corporation
- **Sarah A. Strunk**, *Chair of the Board of Directors*, Fennemore Craig, PC
- **Russ Yelton**, *CEO*, Pinnacle Transplant Technologies

Goals

- Strengthen business-to-business connectivity and engagement to facilitate collaboration among the region's companies.
- Improve the talent pipeline by reducing time to fill high-demand positions and increase student retention.
- Improve the entrepreneurial ecosystem and increase access to capital.
- Advocate for policies that strengthen the industry.



CO-CHAIR

Thomas J. Sadvary

CEO
HonorHealth



CO-CHAIR

Robert Bowser, PhD

Chairman, Division of
Neurobiology
Barrow Neurological
Institute

To learn more about the Bioscience Leadership Council, contact **Vice President of Economic Development Jennifer Mellor** at jmellor@phoenixchamber.com.



GREATER PHOENIX
CHAMBER OF COMMERCE

Sarah A. Strunk
Fennemore Craig, PC



"Cutting edge discoveries and advances in bioscience by innovative companies in Arizona are driving our economy, creating high-wage jobs for residents and improving our health through the commercialization of these technologies. It is imperative to support an ecosystem that empowers entrepreneurial minds and their early-stage companies to grow and thrive in Arizona."

Phoenix Biomedical Campus

» 2013 economic impact

\$1.3 billion

» 2025 *estimated* economic impact

\$3.1 billion



ECONOMIC IMPACT

The bioscience industry is one of the most innovative, dynamic, impactful and vital drivers of the Greater Phoenix region's economy.

\$14
BILLION

The bioscience industry delivers an annual economic impact of **\$14 billion**. (\$36 billion with hospitals included.)

\$62
THOUSAND

The average wage for Arizona's bioscience employees is **more than \$62,000**.

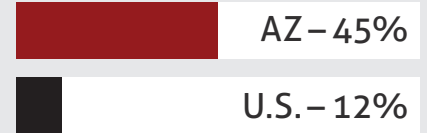


The bioscience industry supports more than **106,000 jobs**.

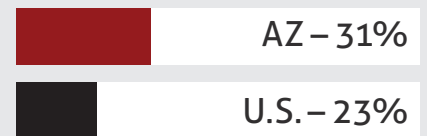


Home to **1,300 dynamic and innovative bioscience companies**

Job Growth



Company Growth



ARIZONA STATE UNIVERSITY'S BIODESIGN INSTITUTE

\$42
MILLION

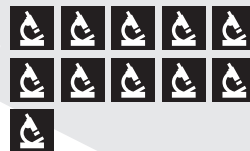
Was awarded **more than \$42 million** for research in fiscal year 2015.

200+

200+ active research projects

11

11 research centers



350
THOUSAND

350,000 square feet for research