

SOUTHERN ARIZONA'S *Specialized Facilities*

Arizona Research Laboratories - www.arl.arizona.edu

Arizona Research Laboratories services are available to companies on a contract basis. Services include: DNA sequencing, mutation detection, SNP detection, microarray technology (fabrication to bioinformatics), biological computing assistance and training, mass spectrometry, amino acid sequencing and composition, peptide purification, confocal and electron microscopy, cell sorting and biological magnetic resonance.

University Medical Center - www.azumc.com

University Medical Center (UMC) is a private, non-profit hospital located at the Arizona Health Sciences Center (AHSC), adjacent to The University of Arizona. AHSC includes the colleges of Medicine, Nursing, Pharmacy and Public Health as well as the physicians from University Physicians Healthcare. These affiliations enable UMC to take a leadership role in offering the latest treatments as well as routine medical care and wellness.

Arizona Cancer Center - www.azcc.arizona.edu

Designated by the National Cancer Institute (NCI), the center operates within a small, exclusive network of comprehensive cancer centers. Comprehensive status is the highest ranking the NCI gives to cancer centers. The center focuses on basic science research, clinical (patient-oriented) research, and on prevention, control and population sciences.

University of Arizona Science & Technology Park - www.uatechpark.org

The University of Arizona Science and Technology Park, home to nearly 30 high tech companies employing more than 7,000 people, features high tech offices, R&D and laboratory facilities. The park's unique environment supports the creation of new technologies and the transfer of those technologies from the laboratory to the marketplace.

Arizona Center for Innovation - www.azinnovation.com

The Arizona Center for Innovation is a high tech incubator promoting the development and success of high technology companies in Southern Arizona through a multi-disciplined program of business development and mentoring.



University Medical Center



University of Arizona Science and Technology Park

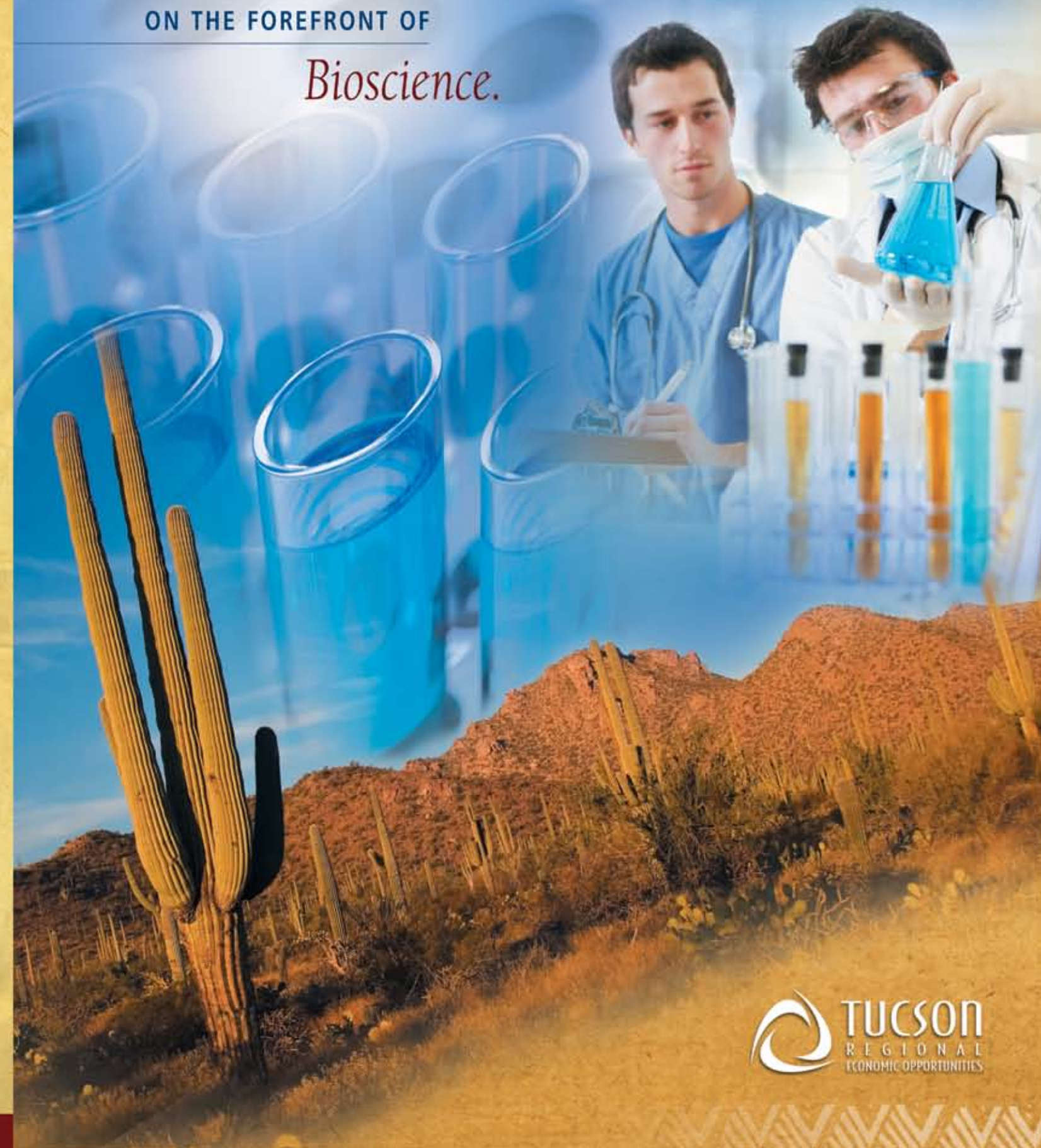
WHAT CAN THE TUCSON REGION OFFER YOU?

To learn more about the business advantages of locating your bio company in Southern Arizona, call 866.600.0331.

Visit our Web site at www.treoaz.org for comprehensive information and a detailed map depicting bioscience enterprises—biotechnology companies, research institutions and centers, hospitals and clinical laboratories—in the Tucson, Arizona metro area.

ON THE FOREFRONT OF

Bioscience.



FORGING *New Ground*

Southern Arizona is becoming one of the nation's most recognized bioscience centers and a global hub for bioscience innovation. Evident by its strengths of an educated workforce and a cutting edge research university, the Tucson region has much to offer any company looking to excel in the bioscience industry.

The region generates over \$6 billion in revenues annually and is building on the more than 100 current bioscience companies. With more than 20 academic and technical life sciences programs at The University of Arizona and Pima Community College, the Tucson region offers a young, educated workforce and first-rate training opportunities. Strong funding support translates into an environment that is financially conducive to numerous research collaboration opportunities. The region also offers cutting-edge facilities known worldwide for research productivity and clinical trials management.

TUCSON is named a
"RISING
BIOTECHNOLOGY STAR"
and Arizona is cited
among the top emerging
biotech **HOT SPOTS.**"

— *Business Facilities* magazine, March 2008 cover story.

REGIONAL COMMITMENT — *Mapping the Future*

The emerging bioscience industry supports research collaborations, partnership identification, international outreach programs and technical assistance. Strong support from groups such as the high tech clusters and the Arizona Bioindustry Association (AZBio), help drive the bioscience economy, mobilizing leadership committed to collaboration, results and economic growth.

AZBio is the state affiliate in Arizona of the Biotechnology Industry Organization, the preeminent national association for biotechnology companies, and of AdvaMed, the largest association representing manufacturers of medical devices, diagnostic products and medical information systems. AZBio advances the growth of bioscience companies through advocacy, connections, purchasing power and workforce development.

The region is on the forefront of bioscience, clearly defined in the Southern Arizona Bioscience Roadmap. Developed by the Flinn Foundation and Battelle, the roadmap is a 10-year vision for the future. The plan includes current strengths and strategies—such as mobilizing public and private leadership, investing in higher education, attracting a greater share of funding and developing the scientific and technical talent. An executive summary can be found at www.flinn.org and clicking on 'Flinn Reports' on the links to the right of the page.

HIGHLY EDUCATED AND *Talented Workforce*

- The University of Arizona (UA) is one of the nation's top public research universities and is ranked by the National Science Foundation as America's No. 1 university for research expenditures in the physical sciences; and the nation's No. 21 institution among all public and private universities and colleges.
- Known for their exceptionally strong research and academic programs, the UA is one of only 62 members in the prestigious Association of American Universities.
- The UA's Colleges of Agriculture, Science, and Engineering & Mines produced 1,331 graduates in 2005-2006. The UA is nationally recognized for interdisciplinary graduate programs in biomedical engineering, neuroscience, pharmacology and toxicology, cancer biology, applied mathematics, genetics and more.
- The UA's College of Science, a national leader in Applied Bioscience programs, offers a Master's Degree in Applied Bioscience.
- Pima Community College, the eighth-largest community college in the country, has an annual enrollment of more than 75,000 students and offers applied degree programs in bioscience topics.



RESEARCH *Collaboration Opportunities*

University of Arizona (UA) - www.arizona.edu

- BIO5 is at the core of UA's efforts to pursue state-of-the-art biological research. It is a collaborative bioresearch institute bringing together scientists from 5 disciplines—agriculture, medicine, pharmacy, basic science and engineering—to solve complex biological problems.
- The National Science Foundation has awarded \$50 million dollars to the UA-led research team for the iPlant Collaborative—a global center and computer cyberinfrastructure within which scientists can solve biology's greatest challenges.
- The UA College of Optical Sciences is one of the world's leading teaching and research centers in optics. A variety of interdisciplinary efforts are ongoing at UA to develop optics-based medical instrumentation and nanotechnology.
- The UA College of Agriculture and Life Sciences is home to nationally-ranked programs in plant genetics and genomics, and includes the Arizona Genomics Institute.

Arizona Health Sciences Center - www.ahsc.arizona.edu

- The Arizona Health Sciences Center (AHSC) is home to the state's colleges of medicine, nursing, pharmacy and public health. AHSC is recognized for its research Centers of Excellence including the Sarver Heart Center, Arizona Cancer Center, Arizona Respiratory Center and the Center for Phytomedicine Research.

Critical Path Institute - www.c-path.org

- The Critical Path Institute is an independent, non-profit organization dedicated to creating research and education programs in order to help the FDA improve the medical product development process.
- The institute serves as a "neutral ground" for scientists from the FDA, academia and the pharmaceutical industry to accelerate the development of safe medical products.
- The Institute brings together scientists from academia, government and industry to identify and implement the best scientific methods to streamline the development process.
- The Institute was selected by Governor Napolitano to receive an Arizona Innovation Award in 2007.

STRONG BIOSCIENCE *Funding Support*

- University of Arizona researchers receive 60% of all NIH-funded research in Arizona.
- \$35 million in funding for the 21st Century Fund, a public-private partnership to invest in medical, scientific, and engineering research programs in Arizona, was approved by the state legislature in 2006.
- Over \$20 million was budgeted by the UA in 2006 for the Technology and Research Initiative Fund (TRIF)—a special investment in higher education where the proceeds are apportioned to statewide education.
- Arizona's "angel" tax credit allows investors to secure tax credits for investment in early-stage technology firms, bioscience and rural companies.

