

EGUIDE

The Future of Houston's Innovation





THE FUTURE OF HOUSTON'S INNOVATION

Recently, BoyarMiller hosted its annual Breakfast Forum discussing the state of Houston's innovation within three industries that shape the city — aerospace, biotech, and energy. The conversation focused on exciting developments in each industry, how each affect the city's economic growth, workforce training within the sectors, and the synergy connecting them all.

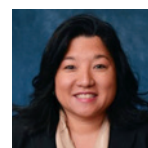
In a panel moderated by Chairman Chris Hanslik, speakers included Houston experts:



Andrea Course
Digital Innovation
Program Manager
Shell



Brian Freedman
President
**Bay Area Houston
Economic Partnership**



Ann Tanabe
Chief Executive Officer
BioHouston

"Houston has the best of industry, academia, and healthcare, yet people really care about each other and want to help others succeed. And that is very, very special to Houston."

— Ann Tanabe



INDUSTRY HIGHLIGHTS

AEROSPACE



Houston remains a global leader in aerospace with significant advancements in suborbital flights, lower orbit missions, and deep space exploration. Companies like Venus Aerospace and Axiom Space are driving the future of space travel from Houston.

The development at Ellington Airport, called Houston Spaceport, with companies like Axiom Space and Intuitive Machines, is turning Houston into a hub for space innovation.

Houston's aerospace companies benefit from lower costs compared to competitors on the East and West Coasts, contributing to economic growth.

“ Exciting developments with funding include the Texas A&M Space Institute at NASA's Exploration Park, adjacent to the Johnson Space Center. ”

— Brian Freedman

BIOTECH



Houston's biotech sector is thriving with translational research, where academic research is rapidly being converted into startups, significantly impacting the city's economic growth.

Houston is emerging as a key player in biomanufacturing, with major companies like Lonza and Cellipont Bioservices establishing operations in the region.

The expansion of the Texas Medical Center's Helix Park is setting the stage for future biotech innovation, with cutting-edge facilities attracting top-tier talent.

“ Biomanufacturing is one of the fastest-growing sectors in Houston with local companies leading the way in development of cell and gene therapies. ”

— Ann Tanabe

ENERGY



Currently, Shell is working with Ferrari to develop new sustainable fuels for F1 cars. AI is accelerating the process as the models are fed data to allow the best iteration given the conditions provided.

AI is creating time and budget efficiencies for research in the lab for optimized exploration, reduced drilling of dry holes, and improved processes.

“ We’re applying AI combined with years of data all throughout the value chain—from exploration to assets to products and even where our traders buy and sell energy. It’s helping us iterate and solve problems with efficiency. ”

— Andrea Course

INDUSTRY SYNERGIES, TALENT, TRAINING, AND OPPORTUNITY

“ Houston’s diversity is our secret sauce. It gives us the upper hand in driving innovation across industries. ”

— Andrea Course

Houston’s ecosystem fosters collaboration between aerospace, biotech, and energy industries with, for example, aerospace robotics inspiring deep sea exploration.

Educational institutions, including community colleges, are playing a critical role in developing

specialized workforces, particularly in biomanufacturing and aerospace.

Lower living costs, diversity, and a collaborative culture are key drivers for attracting top talent and businesses in all three industries.

For those outside these industries, there are opportunities to develop and lease the unique facilities these industries require, to provide input regarding the Texas space industry at space.texas.gov and to learn more through the Bay Area Houston Economic Partnership **Aerospace Advisory Committee** meetings.

About BoyarMiller

BoyarMiller is a mid-size Houston-based law firm that advances client business goals by bringing new possibilities into focus with confidence and clarity to achieve extraordinary outcomes. Since 1990, we have been providing practical and smart business solutions. Our firm is comprised of three practice groups—corporate mergers and acquisitions, real estate, and litigation—and we serve multinational companies, middle-market businesses and entrepreneurs in need of collaborative and strategic representation. See boyarmiller.com for more information.

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For more information about our corporate and litigation practice groups.

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