



# [Re]defining Expectations

We appreciate our clients' quest for new discoveries, to keep asking 'why' and 'how,' and to not stop at 'because.' Their creative ambitions, whether they be scientific, operational or otherwise, inspire innovation.

As consultants, we thrive in working with them to develop systems and spaces that encourage the imagination and optimize opportunities.

## Pioneering Discoveries

As champions of innovation, private investors uphold their mission by engaging top talent and flexible creator spaces that advance their charter. These spaces rely on mission-critical systems with varying levels of redundancy to develop and deploy the latest technologies. Such is the case with a Fortune 100 cloud computing and retailer that has expanded its market reach and service offerings through a nimble enterprise structure. We have contributed to their global success through our understanding of the high-tech industry and creative approach to resolving sophisticated system challenges that cater to virtual hardware and software testing environments for consumer and commercial solutions.

**47%** increase in technology-based start-up companies in the last decade<sup>1</sup> contributing to 20% job growth



## Bridging Objectives

Life-saving cures, preventive medicines, and biological advancements are discovered in spaces that are environmentally controlled and responsive to the R&D evolving workspace. The bio lab has emerged from the basement to a life-sciences community hub nestled in highly dynamic urban centers. They bring with them sophisticated lab equipment and strict environmental requirements uncommon to the typical commercial office build.

As the lab engineer, we are developing creative methods to uphold tight temperate tolerances (1° +/- rise/fall rate) and humidity settings in the tenant systems as well as shell and core upgrades to accommodate the critical system needs.

**Promising BioTech Leasing Indicators**  
200,000 sf lab in 1.4 percent vacancy rate area [PSBJ 8.23.18]



## Industrial Evolution

Where human and machine intersect, the technically-enriched laboratory enhances age-old physics through AI and human discernment. The classroom provides a space to introduce industrial advancements and ignite the imagination.

Harnessing the critical thinker's innate abilities and creating an exploratory environment, new processes emerge that fine-tune industrial arts and better simulate nature. Engineering the systems to support these hands-on labs, we are introducing evolutions in system design and energy conservation measures to realize the makerspace's true potential.

**69%** of 6 million STEM workers in the US<sup>2</sup> majored in a STEM field...we are contributing to this as ACE mentors



<sup>1</sup> Information Technology & Innovation Foundation  
<sup>2</sup> US Dept. of Commerce, Economics & Statistics Administration