



# LABORATORY PRODUCTIVITY

*Design strategies to optimize productivity (part two)*



## Daylighting

Like proper indoor lighting, research shows that daylight has benefits. Employees with views to natural light experienced a reduction in absenteeism and an increase in productivity, job satisfaction, work involvement, and organizational attachment.



## Speed

Using operational improvement tools and techniques such as simulations, cluster analyses, and spaghetti mapping, sources of wasted motion and bottlenecks can be pinpointed. Only then can throughput speed and capacity be increased by redesigning workflows and adjacencies.



## Limit Distractions

The two most commonly cited distractions are excessive noise and visual interruptions. What researchers and other personnel are asking for is a balance between spaces that offer stimulation and enable concentration. Thus, a mixture of open and more private spaces.



## Collision Spots

Research confirms that up to 35 feet proximity has a positive impact on collaboration. More attention should be placed on designing collision spots along circulation routes and public areas where occupants cross paths. These small nooks can encourage face-to-face interaction.



## Collaboration

There is a relationship between interdisciplinary research and the probability for discovery. When research is a collaboration of different scientific fields, the number of citations increases significantly.

Whether the lab is for research, testing, or teaching, operating at optimal potential is the goal of any lab.

It is important to begin by realizing that while design can help to enable the discovery process, lab productivity is first and foremost the product of brilliant and dedicated minds.

Creating a space that not only inspires creativity but also optimizes worker productivity is no small task. These are the additional five, of the ten, design strategies and features that are key to moving the needle of the productivity metrics.

If you are seeking to implement sustainable strategies in your lab and don't know where to begin, BSA can help.

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