

PRIORITIZE SAFETY WITH MRIGLOBAL

LABORATORY STAND-UP AND OPERATIONS

MRIGlobal partners with organizations around the world to support stand-up and operations of high containment, research, and diagnostic laboratories.

BIORISK MANAGEMENT PROGRAM SUPPORT

MRIGlobal's team of experts works collaboratively with clients to grow their biosafety programs into a right-size solution to address their evolving scientific needs.

BIORISK MANAGEMENT PROGRAM EXTERNAL ASSESSMENT

MRIGlobal annually evaluates the lab site, biosafety program, and audit readiness to identify opportunities for continuous growth, improvement, and sharing of organizational expertise.

CAPABILITIES

BASIS-OF-DESIGN DEVELOPMENT SUPPORT

MRIGlobal translates your envisioned operations into plans for architecture and engineering teams. We have decades of experience owning, operating, and implementing laboratories, and recognizing the programmatic needs and biosafety requirements for performing high-quality scientific research.

DESIGN CONSULTATION

We review preliminary blueprints and make recommendations identify design improvements such as mitigating possible security risks, creating efficiencies, supporting employee training, and addressing biosafety considerations.

WORKFLOW ANALYSIS

Our workflow analysis focuses on reducing the risk of contamination, both microbiological and genomic, that can impact the quality of your laboratory work.

EQUIPMENT RECOMMENDATIONS, IQ (INSTALLATION QUALIFICATION) / OQ (OPERATIONAL QUALIFICATION)

We recommend safety and technical equipment - and guide its correct set up and function - based on your scientific research needs.

PLAN/MANUAL/SOP DEVELOPMENT

With an understanding of the research being performed and the equipment being used, we tailor materials to meet the needs of the laboratory team and operation.

SITE-SPECIFIC BIOSAFETY TRAINING AND DEMONSTRATION OF COMPETENCY

Using these materials, we expand and deliver training that is customized to demographic, research, and program needs.

CONTAINMENT LABORATORY ENGINEER MENTORSHIP

Our team is committed to partnering with newly-trained containment engineers through general operations, annual inspections, and on-call issues.



CASE STUDY

CHALLENGE



A university partner called on MRIGlobal to assist with the stand-up of their new BSL-3 laboratory.

IDENTIFICATION



Following a series of meetings with laboratory leadership, we identified and developed several key items the laboratory needed to become operational, including a pre-inspection, gap assessment, and a more complete understanding of the scope of their project.

SOLUTION



Our team also addressed needs that included signage; drafting of SOPs, plans, and procedures; and development and deployment of training to internal and external stakeholders.

RESULT



The laboratory was successfully opened with operational best practices in place, including fully trained technical and engineering teams as well as emergency responders from the campus and city, prepared to support the laboratory as needed.

OUR TEAM

Our team of certified professionals has more than 80 years of collective experience in biorisk management, quality management, and program and management helps clients build, strengthen, and expand their biosafety programs. Our in-house expertise includes biotechnology; microbiology; molecular, serological, and clinical diagnostics; biosafety and biosecurity; core laboratory operations; quality management; engineering; and field work. We have owned, operated, built, designed, and developed successful programs for BSL and ABSL facilities according to U.S. and WHO biosafety standards and guidelines for animal and biosafety level-1, -2, -3, and -4 facilities.

CREDENTIALS

Our dedicated staff has credentials in fields including biosafety (RBP, CBSP), business and program management (PMP), public health (CPH) and quality assurance (ASQ CQA, ASQ CMQ/OE), as well as graduate degrees in microbiology and related fields. Our team is also heavily supported by subject matter experts in a variety of biological science, physical science, engineering, and safety-related disciplines.



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