

Biomedical R&D Program Management



Providing practical solutions to effectively manage biomedical research and development programs and organizations

WHY LEIDOS LIFE SCIENCES?

- ▶ Real-world solutions and strategies developed by scientists with extensive program management experience
- ▶ A long history supporting a spectrum of medical research programs, including efforts in infectious disease, emergency medicine, psychological health, rehabilitative medicine, and biodefense
- ▶ Experience with both intramural and extramural research programs
- ▶ A broad understanding of infrastructure planning and organizational design

The Leidos Life Sciences team executes a diverse range of program management services for biomedical research and development (R&D) organizations to help them plan, manage, and defend their research programs. Our twenty-five years of experience providing scientific, technical, and business analyses for federal biomedical R&D organizations gives us the insight to approach management problems holistically, recognizing that workable solutions may involve integrated consideration of technology and regulatory issues as well as business process, organization, and management policy changes. We recognize that change management is often a critical element in program management, and work with our clients to create open forums for strategic decision-making that build consensus and organizational buy-in for change.

Leidos offers extensive experience in portfolio management, providing on-site scientific and financial management support as well as comprehensive capabilities in all phases of grant and contract management, from solicitation planning through peer review, award, and post-award management.

Throughout all of our projects, our Life Sciences team maintains an active focus on defining and delivering end products that help our clients meet their goals.



Our Services Span Three Key Areas

► Program/Portfolio Management

Leidos provides comprehensive scientific and business analytical support to biomedical R&D program managers and executives, including:

- Research gap analysis
- New program design and development
- Research project and product development portfolio evaluation
- Program review planning and conduct
- Technology life-cycle cost analysis and program financial analysis
- Product development plans
- Program marketing and public affairs communications
- Policy analysis and development

► Strategic Planning

Our experts draw on their insight into the unique business needs of biomedical research organizations to develop appropriate strategic frameworks, and facilitate the planning process to help organizations achieve their goals to include:

- Enterprise planning and implementation support for new R&D initiatives
- Laboratory infrastructure planning
- Scientific competency management
- Programmatic and logistical support of scientific planning meetings and workshops
- Organizational design

► Grants and Contract Management

Leidos has in-depth knowledge of the entire DoD grants and contract management process. Our Life Sciences team includes highly skilled scientific writers and editors, as well as full print and visual production capabilities and IT expertise. We have experience supporting congressional programs from initial development through implementation and sustainability. Our team can provide:

- Request for Proposal development and publication; pre-proposals/proposals receipt management
- Scientific and programmatic reviewer recruitment and training
- Peer and programmatic review meeting coordination and summaries
- Post-award management and scientific review of annual/progress reports
- Research site visit coordination and support
- Grant close-out support
- Our proprietary Online Review Information Network (ORION), a secure, web-based tool for online proposal reviews and other virtual meetings

Project Examples

- Conducted a comprehensive assessment of the ability of DoD biomedical R&D to address capability gaps, which played a key role in the DoD's decision to establish a new long-term medical research program within the Defense Health Program
- Developed the Systems Biology Enterprise Roadmap to assist the U.S. Army Medical Research and Materiel Command in developing its systems biology infrastructure
- Provided project management assistance and technical writing support to develop the National Research Action Plan for federal research on post-traumatic stress disorder, traumatic brain injury, and suicide prevention
- Developed the competency management taxonomy to classify the scientific workforce of Army and Navy biomedical research laboratories, as well as estimates of staff requirements for laboratory sustainment and policies for competency management
- Supported the DoD in the management of more than \$11 billion of congressional appropriations composed of over 13,000 grants across more than 40 disease and military medicine topic areas

FOR MORE INFORMATION

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