

S&T program strategy and development in fundamental and translational research.

541330 – Engineering Services

541690 – Other Scientific and Technical Consulting Services

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Client Services

Morpho Sciences offers S&T executives and laboratory leadership exceptional experience in building and managing innovative science and technology research and development programs.

- **R&D Strategy**
- **R&D Program Development**
- **Technology Scouting**
- **Program Management**

We work to understand your organizational needs and help you:

- Develop and improve organizational S&T strategies and processes;
- Identify and develop strategic investments in R&D with the highest potential impact for your organization;
- Analyze comparable technologies and approaches;
- Align your S&T programs with your organizations mission and needs; and
- Ensure that your R&D ideas are communicated with focus and strategy, backed by solid analysis, to justify investment to stakeholders and senior leadership.

Technical Areas

Morpho Sciences focuses on

Nanomaterials and Nanostructured Materials – functional materials that are sized, or have critical feature sizes, in the nanoscale:

- **Nanotherapeutics and Biomedical Research** – Novel nanostructured or nano-encapsulated therapeutics for targeted drug delivery; materials for the biotic/abiotic interface; sensors and assays; and neurointerface and neuroimaging
- **High-Performance Electronics** – Heterogeneous integration, vacuum electronics, and novel materials
- **Photonics and Bioinspired Photonic Systems** – Quantum cascade lasers; photonic systems for sensing and imaging; and novel photonic systems inspired by natural photonics
- **Green Technologies** – Nanomaterials for renewable energy such as photovoltaics and thermoelectrics, and materials for novel device and display technologies

Morpho Sciences partners with experienced engineering and technical business management professionals to provide our clients with a comprehensive approach to the full realization of applied technology.



Leadership

Viktoriya Greanya, Ph.D.

CEO and Principal Consultant

- 10+ years experience leading discovery and investment in innovative scientific research and development
- Former Chief of Basic Research, Chemical and Biological Technologies Department, US Defense Threat Reduction Agency (DTRA)
- **Represented DTRA on White House National Science and Technology Council's Fast-Track Action Committee on Optics and Photonics (FTAC-OP)**
- Former Program Manager for the Defense Advanced Research Projects Agency (DARPA)
- **Awarded the Office of the Secretary of Defense Award for Outstanding Achievement for her DARPA portfolio**
- Author of *Bioinspired Photonics: Optical Structures and Systems Inspired by Nature*
- Affiliate Professor, George Mason University, Fairfax, VA
- PhD in condensed matter physics from Michigan State University, East Lansing, MI

Morpho Sciences is a Limited Liability Company established in 2015 in the state of Michigan

Woman Owned Small Business (WOSB)

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