

Nanotechnology
will impact every
corner of industry,
government and
academia.

How will
your organization
meet the
challenges of
nanotoxicology?

NNTC&T
Nanotechnology Toxicology Consulting & Training

Your resource
for assessing
nanotechnology
opportunities &
what you don't
know about its
toxicological effects

What Is Nanotechnology & Toxicology?

The explosive field of nanotechnology is having a major impact on commerce including research and development of products in a wide-range of industries.

Today more than 500 new and “value-added” products have come to market as a result of cutting edge nanotechnology. In fact, 2006 sales of products incorporating nanotechnology reached \$50 billion* and nano-formulated drugs alone accounted for sales of \$3 Billion*.

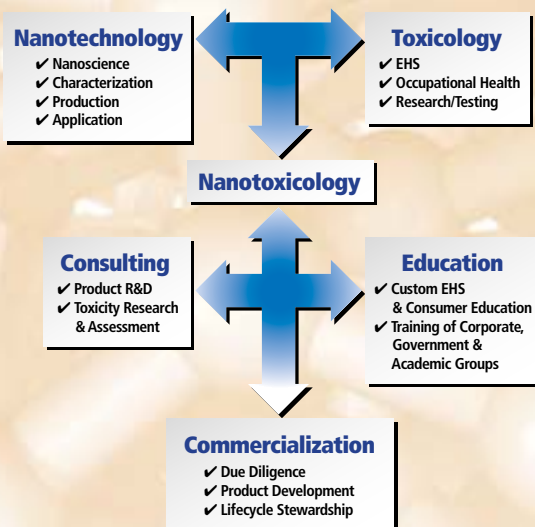
Worldwide sales of nanotechnology based products and materials are doubling annually. By 2015 it's expected that medical, pharmaceutical, materials, coatings, catalysts, food and food processing industries, as well as green energy organizations will spend more than \$1 trillion developing products based on nanotechnology.

About NTC&T

The highly respected NTC&T team combines expertise in nanotechnology and in human and environmental toxicology that enables our clients to perform quality research, develop cost effective testing protocols and provide adequate due diligence needed to make sound product assessments, protect employees and the environment and make informed business decisions.

NTC&T provides world-class training and unbiased consulting that informs and aids decision making by nanotechnology stakeholders including: government, academia, corporations and investors.

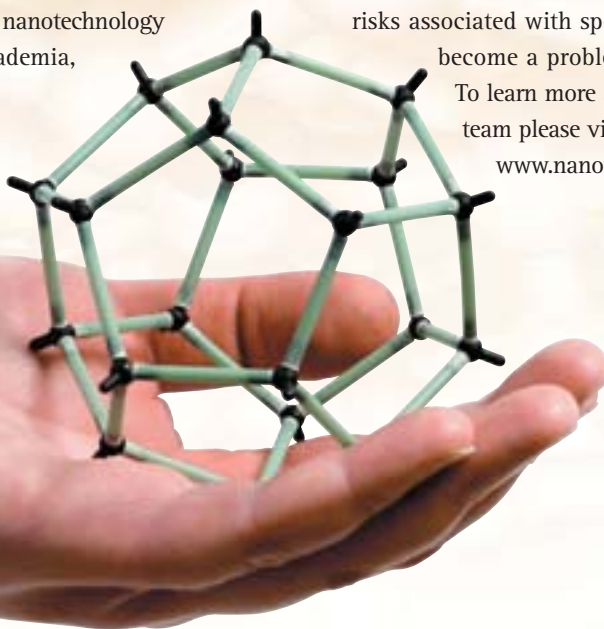
Nanotechnology Solutions for Your Organization



Reduce Risk, Cut New Product Development Time — Save Money NTC&T works closely with organizations to help mitigate risk, reduce time and costs of bringing products to market, manage product lifecycles, and address the health effects and potential consequences associated with humans and the environment in the handling of nanomaterials.

NTC&T hones in on the opportunistic side of nanotechnology, identifying and mitigating the toxicological and commercial risks associated with specific applications before they become a problem.

To learn more about NTC&T and our executive team please visit the NTC&T website at www.nanotoxicologyinc.com.



NTC&T Consulting Services

FEW COMPANIES offer the knowledge, experience and foresight associated with the toxicological aspects of nanotechnology. While nanotechnology offers extraordinary commercial and entrepreneurial opportunities, it also presents major challenges stemming from the lack of toxicology stewardship.

NTC&T is unique in its offering of nanotoxicology consulting and training in North America. NTC&T works with all types of organizations revealing the opportunistic side of nanotechnology, while identifying and mitigating the toxicological and commercial risks associated with specific applications before they become a problem.

NTC&T is a dependable, qualified resource for consultation to address specific client needs in nanotoxicology. These include:

1. Production of timely critical reports and recommendations on nanotoxicology problems faced by clients.
2. Guidance in nanotoxicology research design and data interpretation for government, private or academic institutions.
3. Iterative product development to manage toxicologically favorable material characteristics.
4. Design and development of nanotechnology and toxicology-based curriculum for universities
5. Tools development for assessment and handling of nanomaterials.
6. Toxicology stewardship of nanomaterials from an environmental health and safety perspective.
7. Nanotoxicology standards implementation.
8. Identification of nanotoxicology EHS considerations in the supply chain.
9. Custom services and applications.

NTC&T Education & Training

NTC&T OFFERS a full curriculum of training as well as services to organizations requiring an understanding of nanotechnology principles including consumer education.

Our training programs are based on principles in the fields of toxicology, occupational and environmental health and nanotechnology to name a few. Our trainers are experienced in conveying complex information to a variety of audiences.

NTC&T training materials are updated regularly based on the latest scientific literature. Each NTC&T course can be customized and delivered onsite to any type of organization.

Sample of NTC&T Course Offerings

Nanotechnology & Toxicology: The Basics A 3-day course introduces nanotechnology concepts and the challenges nanomaterials present when evaluating issues of toxicity. The course addresses a broad audience in industry, academia and government and gives an overview of key issues. Appropriate for personnel in product development, safety, law and public relations.

Nanotechnology & Toxicology for C-Level Executives 1-day executive summary demonstrates how nanotechnology human and environmental health concerns can impact the future of your business. It highlights a senior level perspective for strategic decisions and positioning. Designed for corporate level executives this course addresses key points pertinent to departments ranging from human resources, to environment health and safety, product liability, due diligence, production and delivery.

Nanotechnology & Toxicology for Managers This 1-day course summarizes how nanotechnology human and environmental health concerns can impact your market and organization. It highlights key points vital to managers ranging from human

resources, environment health and safety, product liability and due diligence to production and delivery.

Occupational & Environmental Health Considerations in Nanotechnology A highly informative 2-day overview of nanotechnology and toxicology and how they pertain to industrial, occupational, and environmental health stakeholders. An ideal introduction for occupational hygienists, occupational health professionals, environmental health managers, occupational medicine physicians, regulatory officials, worker compensation and department of labour officials.

Toxicity Evaluation of Nanomaterials (Intermediate & Advanced Courses) This 3-day course is linked to scientific literature on nanotoxicology and presents an overview of nanomaterials properties and how to assess their toxicity.

Special Topics in Nanotechnology & Toxicology This series of 1 and 2 day courses are based on the core principles of nanotechnology and toxicology with special focus on topics central to the needs of your organization. Examples include:

- Dermal toxicology of nanomaterials
- Pulmonary toxicology of nanomaterials
- Nanotoxicology as a barrier to commercialization
- State of nanotechnology in your industry

Updates in Nanotechnology & Toxicology This 1-day course presents developments in nanotechnology and toxicology during the prior 6-months. The course includes the latest published research and product developments and highlights current hot topics.

Nanotechnology Toxicology Consulting & Training

A WORLD LEADER enabling nanotechnology through proactive toxicology, risk management and product development.

Providing your team with accurate, cutting-edge nanotechnology toxicology training and consulting services to eliminate the possibilities of undue risk.

- Risk Management
- Product Stewardship
- Commercialization Lifecycle
- Standards Development & Implementation
- New Product Development
- Legal Barriers – Product Liabilities
- Strategic Decision Making
- Long Term Product Implications
- Product or Company Due Diligence
- Eliminate What You Don't Know

NTC&T
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Corporate Headquarters
301 Young Lake Road
Westfield, ME 04787
Phone: 1-866-869-6057
Email: info@nanotoxicologyinc.com
Web: www.nanotoxicologyinc.com