

## CORPORATE OVERVIEW

### Seacoast Science, Inc.

**Founded:** 2003

**Employees:** 11

### Corporate Mission:

Our mission is to develop an internationally recognized chemical detection system and chemical sensing network for use in industrial, government, and chemical warfare situations.

### Recent News:

February 2007 - Seacoast wins a Phase I SBIR from the EPA for detecting toxins and toxigenic organisms indicative of harmful algal blooms.

January 2007 - Seacoast Science and Mississippi State University are awarded a NSF Phase I STTR grant to investigate the use of Seacoast's VOC sensors in wood kiln drying applications

December 2006 - The SC-200 Handheld Sensor System is named a finalist for the Connect 2006 Most Innovative New Product Award.

November 2006 - Seacoast Science is awarded a SBIR Phase I contract from the US Army Medical Research and Materiel Command to develop a robot-based system for the rapid detection of hazardous chemicals.

October 2006 - Seacoast is awarded a NSF Phase II program to continue its development program for the detection of toxic mold.

**Seacoast Science, Inc.** is focused on the expanding chemical sensor and chemical detection market. Our primary focus is on the development of gas sensors for a variety of markets including leak detection, military and homeland security, air quality monitoring, and emission gas detection. The core technology includes a MEMS-based capacitive platform to which specific chemically-selective polymers are attached. This technology platform can be easily adapted to meet many chemical sensing applications.

The Seacoast Science system is handheld, small, lightweight and very rugged. Our units can be deployed aboard unmanned vehicles, with individual soldiers, or in fixed locations such as an office building or factory. We are currently designing systems for military agencies, government agencies, national laboratories, and for first-responders.

### Funding

Department of Defense  
Department of Homeland Security  
Department of Energy  
Environmental Protection Agency



### Research and Development

**DRUG DETECTION** - Seacoast Science is developing an illicit-drug detection sensor system which operates over a wirelessly networked multiple sensor array.

**TOXIC CHEMICAL SENSOR** - Seacoast Science is continuing development and deployment of its proprietary sensor system for the detection of low vapor pressure Toxic Chemicals and Chemical Warfare Agents in public and military spaces.

**CARBON DIOXIDE SENSOR** - Seacoast Science is currently testing new formulations and sensor designs for detecting carbon dioxide. Our new sensor system will include remote monitoring capabilities and a heated sensor element allow operation at temperatures below freezing.

**TOXIC MOLD DETECTOR** - Seacoast Science has recently started the development of a toxic mold detector for use by insurance companies and inspectors to ensure a mold-free environment in homes and businesses.

## Corporate Management

Todd E. Mlsna, Ph.D.  
President & CTO, Founder

Sanjay V. Patel, Ph.D.  
VP Research, Founder

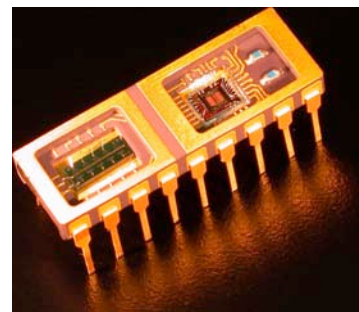
Louis H. Haerle  
VP Operations, Founder

Stephen T. Hobson, Ph.D.  
Principal Scientist

Chris A. Neidre  
Director, Business Development

## Selected Customers and Partners

Honeywell Laboratories  
Oak Ridge National Laboratories  
U.S. Naval Research Laboratories  
University of Alabama, Huntsville  
Illinois Institute of Technology  
University of Tennessee  
Army Research Laboratory  
Army Research Office  
Marine Corps Systems Command  
Department of Homeland Security  
Department of Energy  
Environmental Protection Agency  
National Science Foundation  
U.S. Missile Defense Agency  
Gateway Communications



## Products and Services

**CHEMICAL SENSOR SYSTEMS** - Microsensor technology for detection volatile organic compounds (VOC), toxic industrial chemicals (TIC), toxic mold, and chemical warfare agents (CWA).

**INK-JET COATING SYSTEM** - This customized system provides the capability to coat targets with a wide range of polymers and solvents with drop sizes in the 30 to 100 micron range.

**VAPOR TEST SYSTEM** - Our sensor testing system is capable of controlling temperature, humidity, and the concentration of up to five different volatile organic compounds or gases inside the chamber while recording the output of up to forty sensors.

**SPECIALTY CHEMICALS** - Seacoast Science has a large library of polymers and materials for chemical sensor applications.

## Contacts

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(760) 268-0662 - Fax

For more information on Seacoast Science, please contact:

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[www.seacoastscience.com](http://www.seacoastscience.com)

## Growth Strategy

Continue to expand existing strengths through internal growth.

Pursue research and development of core technology platform.

Develop and enlarge proprietary formulation of chemical sensing polymers and materials.

Expand with strategic partners for manufacturing, marketing, and distribution.

Grow customer base through development of multi-use technologies.

## Partnership Considerations

Consistently expanding and growing revenues.

Developing advanced sensing technology with broad application.

Experienced scientific team with long history of sensor development.