



Gaithersburg-Germantown  
Chamber of Commerce, Inc.

**North I-270  
The Technology  
Corridor**

[www.ggchamber.org](http://www.ggchamber.org) | 301-840-1400

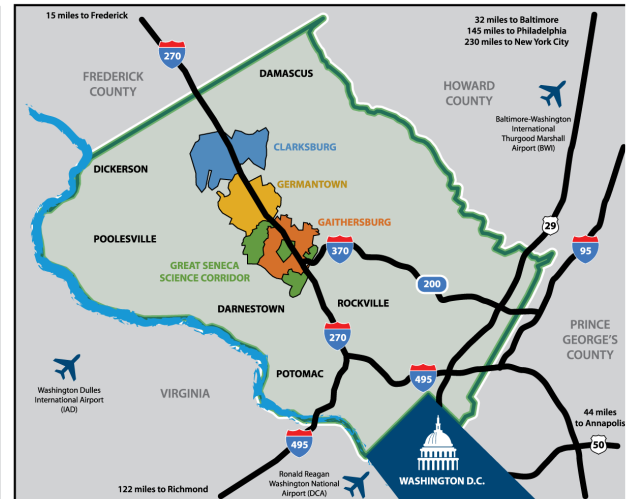
Submitted by  
Gaithersburg-Germantown  
Chamber of Commerce

# Purpose

In 2016, the **Gaithersburg-Germantown Chamber** produced the report entitled North I-270 Corridor Economic Development. The purpose of the 2016 report was to highlight the competitive advantages of locating a business in the North I-270 Corridor.

In this report - **North I270 The Technology Corridor** - we highlight the technology/bio-technology industries located in the corridor to highlight the tremendous depth and breadth of the industry in our geographic area.

For the purposes of this report, the **North I-270 Corridor** starts at Shady Grove Road and runs north to the Frederick County line, including the Great Seneca Science Corridor (GSSC), Greater Gaithersburg, Germantown, and Clarksburg.



## North I-270 - The Technology Corridor

The DC-Maryland-Virginia region is ranked 5th among the top 10 life sciences clusters in the United States based on NIH funding, venture capital funding, patents, dedicated lab space, and jobs in the industry (Genetic Engineering & Biotechnology News, genengnews.com). Within Maryland, the North I-270 Corridor is a powerhouse for the life sciences.

In a recent Washington Business Journal article ranking the top 25 bioscience employers, 17 of those companies are located in the North I-270 Corridor. Once dubbed DNA Alley by Time Magazine, the I-270 Corridor continues to attract and expand the presence of the tech/biotech industries.

Rank	Cluster	NIH Funding	VC Funding	Patents	Lab Space (SF)	Jobs	Total Score
1	Boston/Cambridge, MA	\$1.055 Bil	\$3.06 Bil	6,496	19.9 Mil	86,235	47
2	San Francisco Bay Area	\$520.6 Mil	\$2.20 Bil	10,312	19.3 Mil	67,738	43
3	New York-New Jersey	\$787.3 Mil	\$132 Mil	3,208	12.7 Mil	127,308	37
4	San Diego	\$352.9 Mil	\$650 Mil	4,383	11.9 Mil	63,730	33
5	Maryland/Virginia/ DC Metro	\$420.7 Mil-4th	\$146 Mil-6th	4,108-4th	9.5 Mil-5th	39,145-8th	28
6	Greater Philadelphia	\$389 Mil	\$125 Mil	1,365	6.4 Mil	53,614	22
7	Seattle	\$374.4 Mil	\$169 Mil	1,887	4.6 Mil	24,320	21
8	Los Angeles/Orange County	\$337.4 Mil		1,479	2.0 Mil	120,688	18
9	Raleigh-Durham, NC	\$349 Mil	\$211 Mil	928		35,037	14
10	Chicagoland	\$252.5 Mil	\$69 Mil	1,143	3.5 Mil	53,054	12

The North I-270 Technology Corridor maintains its prominence as one of the top tech/biotech clusters in the United States.

Included in this report are the top tech/biotech companies in the North I270 Corridor based on square footage (CoStar listing). Also listed are examples of great discoveries that happened in the Corridor.

The North I-270 Corridor is a vibrant, affordable, commercial market with access to a young, educated workforce. There is a significant tech/biotech presence that continues to grow. We need to ensure that the State's Technology Corridor maintains its prominence as one of the top tech/biotech clusters in the United States.

# Top Tech/Biotech Companies in the North I-270 Corridor

Biotech Companies	Address	Contact
Advanced Bioscience Lab Inc.	9800 Medical Center Dr, Rockville MD	Thomas Vancott - President & CEO
American Type Culture Collection	215-217 Perry Pky, Gaithersburg MD	Raymond H. Cypess - CEO Chairperson
Amplimmune INC	45 W Watkins Mill Rd, Gaithersburg MD	Drew M. Pardoll - Scientific Founder
Bio Reliance Group	9630 Medical Center Dr, Rockville MD	Archie F. S. Cullen - President
Biomedical Research Institute	9410 Key West Ave, Rockville MD	Philip LoVerde - President
Canon U.S. Life Sciences, Inc.	9800 Medical Center Dr, Rockville MD	Akiko Tanaka - President & CEO
Covance Inc.	9801 Washingtonian Blvd, Gaithersburg MD	John Ratliff - CEO
Digital Infuzion	656 Quince Orchard Rd, Gaithersburg MD	Hemant Virkar - President & CEO
Emergent BioSolutions Inc.	400 Professional Dr, Gaithersburg MD	Daniel J. Abdun-Nabi - President & CEO
Fisher Bio Services Inc.	20321 Century Blvd, Germantown MD	
GeneDx	207 Perry Pky, Gaithersburg MD	Benjamin Solomon - Managing Director
GlaxoSmithKline	9911 Belward Campus Dr, Rockville MD	Emma Walmsky - CEO
GlycoMimetics, Inc.	9708 Medical Center Drive, Rockville, MD	Rachel K. King - CEO
Intrexon	20358-20386 Seneca Meadows Pky, Germantown MD	Randal J. Kirk - Chairman & CEO
KPL, Inc.	910 Clopper Rd, Gaithersburg MD	Charlie Mamrak - CEO
Leadiant Biosciences	9841 Washingtonian Blvd, Gaithersburg MD	Michael Minarich - CEO
MacroGenics, Inc.	9704 Medical Center Dr, Rockville MD	Scott Koenig - President, Director & CEO
MedImmune / AstraZeneca	1 Medimmune Way, Gaithersburg MD	Bahija Jallal - CEO
MRIGlobal	65 W Watkins Mill Rd, Gaithersburg MD	Thomas M. Sack - President & CEO
Novavax, Inc.	20 Firstfield Rd, Gaithersburg MD	Stanley C. Erck - CEO
OpGen, Inc.	708 Quince Orchard Rd, Gaithersburg MD	Evan Jones - Chairman and CEO
Qiagen	1201 Clopper Rd, Gaithersburg MD	Peer M. Schatz - CEO
Senseonics	20439-20453 Seneca Meadows Pky, Germantown MD	Timothy T. Goodnow - President & CEO
Tasly Pharmaceuticals, Inc.	9400 Key West Ave, Rockville MD	Henry Sun - President & CEO
Tetracore, Inc.	9901 Belward Campus Dr, Rockville MD	William M. Nelson - Founder & President

Tech Companies	Address	Contact
ActionNet	20300 Century Blvd, Germantown MD	Ashley W. Chen - President & CEO
Aecom	12420 Milestone Center Dr, Germantown MD	Michael S. Buke - Chairman & CEO
Anchor Software, LLC	9210 Corporate Blvd, Rockville MD	Gary Siegel - Founder
AWS Convergence Tech Inc.	12410 Milestone Center Dr, Germantown MD	John Doherty - SVP & General Manager
Broadsoft, Inc.	9739 Washingtonian Blvd, Gaithersburg MD	Michael Tessler - President & CEO
Comtech Telecommunications Corp.	20430 Century Blvd, Germantown MD	Fred Kornberg - President & CEO
Daly Computers, Inc.	22513-22521 Gateway Center Dr, Clarksburg MD	Mr. Ryan Yu - President
Dataprise Inc.	9600 Blackwell Rd, Rockville MD	David Eisner - CEO
Digital Reciever Technology, Inc.	12409 Milestone Center Dr, Germantown MD	Dennis Muilenburg - President & CEO
DRS Technologies	1 Milestone Center Dr, Germantown MD	William J. Lynn III - CEO
EF Johnson Technologies Inc.	9713 Key West Ave, Rockville MD	John Suzuki - President & CEO
File Tek	9400 Key West Ave, Rockville MD	William P. Loomis - CEO, CFO & Director
First Federal Corporation	20441 Century Blvd, Germantown MD	Mark Langer - CEO
Heraeus Noblelight Fusion UV Inc.	910 Clopper Rd, Gaithersburg MD	
Hughes Communications, Inc.	11717 Exploration Ln, Germantown MD	Pradman Kaul - President
JDA Software Group, Inc.	9713 Key West Ave, Rockville MD	Girish Rishi - CEO
Lockheed Martin Corporation	700 N Frederick Ave, Gaithersburg MD	Marillyn Hewson - CEO
NCR	20358-20386 Seneca Meadows Pky, Germantown MD	Bill Nuti - Chairman & CEO
OpenText GXS	9711 Washingtonian Blvd, Gaithersburg MD	Mark J. Barrenechea - CEO & CTO
PCTEL RF Solutions	20410 Observation Dr, Germantown MD	David Neumann - CEO
Saint-Gobain Performance Plastics	50 W Watkins Mill Rd, Gaithersburg MD	Pierre-Andre De Chalendar - Chairman & CEO
Teology Networks	20450 Century Blvd, Germantown MD	
Thales Communications, Inc.	22601 Gateway Center Dr, Clarksburg MD	Patrice Caine - CEO
TheraCom, LLC	9717 Key West Ave, Rockville MD	Tracy Foster - President
ViaStat, Inc.	20511 Seneca Meadows Pky	Mark Dankberg - Chairman of the Board & CEO
Vivia Solutions Inc.	20250 Century Blvd, Germantown MD	Oleg Khaykin - President & CEO
Xerox	12410 Milestone Center Dr, Germantown MD	Jeff Jacobson - CEO



# Cool Facts about Biotech/Tech Companies in the North I-270 Corridor

**Hughes Network Systems:** An EchoStar Company – From a garage startup in Rockville, inventor of VSAT satellite networks, and for over 3 decades the world’s leading provider of satellite broadband networks and services, Hughes has shipped over 5.5 million systems to customers in more than 100 countries.

**GlaxoSmithKline:** Discovered a shingles vaccine called Shingrix. In phase 3 testing, efficacy of the vaccine measured between 90%97% in patients in the age range of 50-80, compared to its rival competitor which is measured around 50% less effective.

**Lockheed Martin:** Designed and manufactured the widely known Air Force fighter jet F-16V. The F-16V is the most technologically advanced 4th generation fighter in the world.

**Medimmune / AstraZeneca:** Discovered Synagis, a drug that parents give their premature infants to protect from respiratory infections. Synagis accounted for \$1.06 billion of the company’s \$1.2 billion revenue in 2005. In 2012 Medimmune was testing around 120 potential or proven therapies, which is 45% of AstraZeneca’s drug pipeline.

**Qiagen:** Markets the digene HPV Test. This test has been used for early detection of cervical cancer in women since 1999. Cervical cancer, after breast cancer, is the most commonly found cancer in woman. More than 90 million tests for carcinogenic HPV have been performed using the digene HPV Test.

**Aecom:** Aecom is a multinational engineering firm that provides design, consulting, construction, and management services to a plethora of clients. Major projects include: World Trade Center, Abu Dhabi International Airport, Los Angeles International Airport (LAX), Little Caesar’s Arena (NHL, Detroit Red Wings), Barclay’s Center (NBA, Brooklyn Nets)

**Emergent Biosolutions:** Discovered and manufactured the only anthrax vaccine approved by the Food and Drug Administration (FDA), called BioThrax.

**Viasat:** Satellite company that created Viasat-1, which was the world’s highest capacity communications satellite at the time of its launch in 2011. On June 1st, 2017, Viasat launched Viasat-2, which will become the world’s highest capacity communications satellite (overtaking Viasat-1) and will be commercially available in early 2018.

**Thales Group:** Thales Group is the 10th largest defense contractor in the world, with their areas of expertise ranging from aerospace, transportation, security, and market specific solutions. 55% of sales come from the military.

**GeneDx:** GeneDx started as a Montgomery County firm with two NIH scientists, and through the incubator, has now become a company with over 400 employees working on genetic testing and research.

## Federal Government Agencies in the North I-270 Corridor Include:

- National Institutes of Health/  
National Cancer Institute
- National Institute of Standards & Technology
- US Department of Energy

## Higher Education:

- Johns Hopkins University
- Universities at Shady Grove
- Montgomery College

