

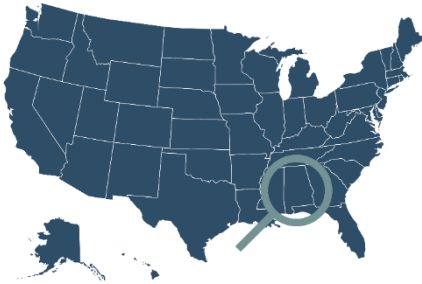
ALABAMA LIFE SCIENCES

TRADE & INVESTMENT MISSION

**DELEGATION
PROFILES**

ALABAMA

HOME TO A THRIVING BIOTECH INDUSTRY



It's not always easy to spot Alabama on a map, but it's hard to overlook the impact Alabama's bioscience sector has had on the state's reputation, economic development, and the lives of everyone it's touched.

Alabama is home to 780 bioscience companies with a long list of accolades that accompany them. The industry's annual economic impact estimated at \$7.3 billion, as well as a track record for breakthrough discoveries.

Birmingham-based Southern Research, for instance, has discovered seven FDA-approved drugs used in cancer treatment, and has made important advances in the treatment of AIDS, polio, and mosquito-borne viruses. The HudsonAlpha Institute for Biotechnology in Huntsville is a leader in research on the human genome, gathering genomic data for thousands of academic, clinical, and commercial clients nationwide. In the southern part of the state, the University of South Alabama's Mitchell Cancer Institute's newest technological additions are the N-SIM and N-STORM super-resolution microscopes. These cutting-edge technologies combined with their Drug Discovery program and DNA Repair Program provide their extraordinary team of scientists and researchers with access to some of the most advanced tools in the world. Underscoring the track record of innovation found in Alabama's bioscience sector is the fact that organizations in the state have received \$1.3 billion in National Institutes of Health (NIH) funding.

Beyond cutting-edge research and technology, one of the most notable achievements of the bioscience sector is the high level of employment that it has created. 48,000 direct and indirect jobs rely on the life science sector, with average annual income reaching \$68,000 (46% above average Alabama salary).

Pharmaceutical and medical device manufacturing is expanding across the state. Oxford Pharmaceuticals opened a \$29 million manufacturing facility in Birmingham that will eventually employ 200 people. In Opelika, medical device company Baxter invested \$300 million in an expansion adding 200 new jobs.

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Most commonly known as the state agency for economic development, the Alabama Department of Commerce has one mission – to create jobs in Alabama. Led by Greg Canfield, the Alabama Department of Commerce works with economic development professionals and organizations, chambers, and companies throughout the state.

The business development division identifies prospects to grow and broaden Alabama's industry base. Division staff markets Alabama to the world, identifying companies who could have an upcoming expansion project in the Southeast United States. The major objectives of the division are to attract industry to Alabama, encourage and promote foreign manufacturing investment in the state, and support expansion and retention of existing businesses. The division works closely with economic development allies throughout the state, facilitating a cooperative effort to recruit domestic and foreign-based companies.

The international trade division effectively assists Alabama businesses with export promotion and development. Primary activities of the division include: provision of key foreign-markets information and valuable international contacts; coordination of trade promotion events and programs (both in-state and abroad); marketing and promotion of Alabama business through publications, personal presentations, online databases, and economic development/trade associations; educating and training companies to be successful in the global economy; and identifying the best markets and connecting companies with qualified agents, distributors, and representatives according to provided specifications.



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The Mobile Area Chamber of Commerce is charged with promoting the Mobile area through business and commerce, serving as a progressive advocate for business needs to promote the Mobile area's economic well-being.

The Mobile Area Chamber serves as the lead economic development engine for the City of Mobile and Mobile County. The region's continuous economic development success can be contributed to the collaborative efforts of Team Mobile. Team Mobile provides ready access to the resources and agencies that help economic development projects succeed.

The Chamber's international trade team works to connect Mobile companies to the world. The division promotes exports to expand the local economy through educating companies and the public on the exportation process and the importance of trade; assisting companies in promoting their products and services in the international marketplace through trade missions and trade shows; identifying new market opportunities and building global networks; and fostering cooperation with local, state, and regional trade entities to ensure a healthy climate for trade.

The Chamber's international trade division is the winner of the "Going International Award" by the American Chamber of Commerce Executives, the Governor's Trade Excellence Award, and a recipient of the President's "E" Award for Export Service and the President's "E" Star Award for continued performance in increasing and promoting exports.



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The United States Commercial Service (CS) is the trade promotion arm of the U.S. Department of Commerce's International Trade Administration, which helps U.S. companies succeed in markets around the world. Located across the United States and in U.S. embassies and consulates in nearly 80 countries, the CS global network of trade professionals help thousands of U.S. companies to export goods and services worth billions of dollars every year.

The impact of this work ripples throughout the U.S. economy, broadening and deepening the U.S. exporter base, removing obstacles to the export success of U.S. small- and medium-sized companies, advancing U.S. business interests abroad, and supporting job creation in the United States.

The U.S. Department of Commerce's Birmingham U.S. Export Assistance Center helps Alabama companies increase international sales by providing online and customized market research; support for U.S. exhibitors in selected overseas and domestic trade shows; fee-based programs to introduce exporters of U.S. products to qualified buyers and distributors; individualized trade counseling and advocacy; and training programs on subjects such as export documentation, export controls, and the basics of exporting.



ADT PHARMACEUTICALS LLC & PDE*i* PHARMACEUTICALS LLC

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ADT Pharmaceuticals LLC is an Alabama-based life-sciences company focused on discovering, developing, and securing patent protection for novel anticancer drugs. ADT's technology currently covers a broad, unique, and proprietary small-molecule class, encompassing two distinct subclasses that inhibit critical pathways driving the growth and metastasis of many human cancers. One subclass inhibits RAS and disrupts MAPK/AKT signaling to potently and selectively block the growth of cancers harboring RAS mutations, including pancreatic, colorectal, and lung cancers. The second subclass includes compounds that inhibit a recently discovered oncoprotein, phosphodiesterase 10A (PDE10) that activates cGMP/PKG signaling to suppress Wnt/ β -catenin transcriptional activity. Development candidates from both subclasses show strong anticancer activity in multiple mouse tumor models with no discernable toxicity.

ADT aims to license exclusively all or part(s) of its patent portfolio to established firm(s) capable and committed to the development of this technology through elucidation of optimal drug development candidate(s), IND-qualifying preclinical R&D, clinical investigations, regulatory approvals and commercialization. Successful development of effective and safe drugs based on ADT's technology will address urgent unmet medical needs and large commercial markets potentially exceeding \$1B revenues/yr. Dr. Piazza is co-founder of ADT Pharmaceuticals LLC and serves as chief scientist.

PDE*i* Pharmaceuticals LLC has intellectual property for a novel PDE5 inhibitor class to treat erectile dysfunction and pulmonary arterial hypertension that has shown unique pharmacological attributes, high PDE5 isozyme selectivity, drug-like properties, and activity in relevant animal models. Dr. Piazza is President & CEO of PDE*i* Pharmaceuticals LLC.



AERBETIC, INC.

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Diabetes is a worldwide epidemic, affecting over 460 million people. Current methods of managing diabetes are expensive and invasive, resulting in improper management and progression of the disease. Diabetes.org estimates that the annual cost of Diabetes in the U.S. is \$327 Billion.

AerBetic aims to address this issue by building non-invasive, wearable diabetes alert devices. Similar to a diabetes service dog, AerBetic's tiny, state-of-the-art MEMS based gas sensors are able to detect exhaled gases indicative of diabetic events at the parts per billion level. These sensors are packaged in wearable devices that do not require invasive contact with subjects. AerBetic's companion app can notify patients and caregivers during diabetic events. AerBetic applies machine learning to patient feedback to improve fidelity and accuracy over time.

Currently in the final stages of lab validation, AerBetic will begin a limited beta test in Q2 2019, and an extended beta in the second half of the year. AerBetic will be available to the United States and Canadian markets starting in 2020, and will be manufactured in Birmingham, Alabama, U.S.A.



BIOGX

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BioGX is a developer and manufacturer of molecular biology reagents based in Birmingham, Alabama USA. BioGX develops molecular products and provides partner-specified formulation and manufacturing services for molecular tests on a platform of a partner's choice. The company applies its proprietary platform-agnostic reagent technology to offer products and contract services across a variety of real-time PCR (polymerase chain reaction) and sample-to-answer molecular platforms. The Sample-Ready™ technology is at the core of all product offerings that span the Clinical, Food Safety, Pharma QC, and Water Quality market segments. BioGX products are manufactured in an ISO 13485 and cGMP compliant manufacturing facility and are available worldwide through direct sales and distributors.

BioGX Sample-Ready™ reagents empower clinical laboratories with the time- and cost-savings of moderate complexity systems such as minimum assay manipulation, simple workflow, and quick turnaround times. Sample-Ready™ lyophilized reagent mixes are compatible with a variety of automated sample extraction and quantitative PCR systems. BioGX reagent technology affords the flexibility to run automated tests as singles or in batches to fit the needs of a laboratory's workflow.

BioGX B.V., a fully owned subsidiary of BioGX based in Amsterdam, The Netherlands, offers a complete line of CE marked in-vitro diagnostic devices for diagnosis of syndromic areas such as respiratory, meningitis, antibiotic resistance, and sexual health.

BioGX
Molecular Made Easy

CYTOVIVA, INC.

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CytoViva, Inc. provides products and services to help researchers and industry solve critical problems down to the nanoscale with enhanced darkfield optical microscopy and hyperspectral imaging technology. CytoViva's patented enhanced darkfield microscopy optics are the technology upon which the company was founded in 2004. These darkfield microscopy optics are unmatched for enabling optical observation of nanoscale samples.

With the addition of hyperspectral microscopy in 2008, CytoViva customers can spectrally analyze nanoscale sample elements imaged on the microscope. Hyperspectral microscopy is unique in its ability to capture the optical spectral response in every pixel of the sample image, enabling spectral mapping and other analysis of different elements within a sample. This can include fluorescent, plasmonic or other light scattering materials as well as unlabeled biological samples.

CytoViva now provides its darkfield and hyperspectral microscopy with HORIBA Scientific's XploRA Raman system. These technologies are integrated on a single microscope platform, enabling unmatched sample analysis with both optical spectroscopy and molecular spectral confirmation down to the nanoscale.



GENECAPTURE, INC.

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GeneCapture is developing a rapid infection detection instrument for use in point of care applications such as doctors' offices, clinics, nursing homes, schools etc. The current 1-3 day delay in determining the cause of an infection adds serious burdens to the patient and health care systems by delaying treatment, causing unnecessary antibiotic use, allowing contagion and losing valuable time in managing epidemics and pandemics. A major cause of the current delay is the dependence on laboratory conditions and personnel to study the growth of the organisms in order to determine the specific pathogen. GeneCapture's technique has automated the pathogen identification process through a rapid 'genetic signature match'.

GeneCapture scientists have developed a platform to screen a human sample for 200 pathogens in less than an hour with very low per sample test costs. The technology is currently operating in prototype form. Pre clinical validation studies indicate a 98% match with the traditional culture method. The company is developing a bio-threat panel for the Department of Defense and is developing panels for standard civilian urgent care applications. If the pathogen is bacterial, the instrument can quickly test the sample against known antibiotics and determine which drug is most effective. The company is beginning its regulatory approval process.

The team at GeneCapture includes entrepreneurs, biochemists, chemical engineers, optical scientists and product design and manufacturing engineers. The company is located on the campus of HudsonAlpha Institute for Biotechnology, a leading global genetic and genomics center. GeneCapture is looking for partners and collaborators to accelerate the commercialization of the technology and to explore under-resourced applications.

The logo for GeneCapture, featuring the word "Gene" in blue and "Capture" in green, with a stylized 'C' that is partially blue and partially green.

HUDSONALPHA INSTITUTE FOR BIOTECHNOLOGY

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HudsonAlpha Institute for Biotechnology is a nonprofit research institute and bioscience business campus, accelerating new therapeutics, medical devices, drugs, diagnostics and other innovations to patients by co-locating foundational genomic scientists, workforce training, established bioscience enterprises, and entrepreneurial startups. Over 35 independent and innovative biotechnology companies of all stages and sizes are leasing labs, offices, co-working spaces and benefiting from access to capital opportunities, business resources, and a trained biotech workforce in a collaborative environment in 'Rocket City' Huntsville, Alabama.

This nonprofit genomics research institute co-locates thought leaders in genomics with forward-thinking entrepreneurs and inventive educators. In 10 years the campus has grown to nearly half 50,000 square meters in 4 buildings, with plenty of acreage to triple in size. Space to grow means HudsonAlpha never "graduates" startups or companies, but instead works with companies to expand as their business succeeds and grows.

HudsonAlpha's researchers are at the forefront of understanding how genomics can lead to breakthroughs in treating society's most challenging issues, from cancer and infectious disease to feeding and fueling the world. Genomic research labs perform foundational research and also specialize in immunogenomics, neurological and psychiatric disorders, cancer, pediatrics, agriscience, and computational biology and informatics.



● science for life

SWIFT BIOTECHNOLOGY

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Swift Biotechnology is developing an early stage, proteomic-based test for ovarian cancer based on technology from the University of South Alabama's (USA) Mitchell Cancer Institute (MCI). Similar to a PAP smear, this test uses cervical-vaginal fluid for site-specific detection. Swift's presentation of this technology was a winner in the Alabama Launchpad competition and MCI has been awarded the Eugene Bricker Award for Best International research. The National Institutes of Health (NIH) awarded the research a \$1.3M grant. Swift has two issued patents and additional patent protection in process.

Over 20,000 new cases of ovarian cancer are diagnosed annually in the US. But, 90% of these women are diagnosed in Stage III or IV. And, 75% of these women die because of the lack of early stage symptoms. For those lucky enough for the Stage I cancer to be discovered, their survival exceeds 90%. Late stage (III or IV) diagnosis has a dismal overall survival under 15%. As such, the greatest benefit would be development of an effective screening test for early stage I or II ovarian cancer. Early diagnosis would save the US health care system and private payers in the range of \$50,000 to \$100,000 per patient.

Blood-based sampling faces dilution and contribution from the rest of the body. Therefore, blood-based tests are not recommended for early screening or diagnostic for early stage disease because of low sensitivity. MCI currently has one of the largest collections of ovarian samples in the world from over 21 different US sites. The latest panel of biomarkers has been validated with sensitivity and specificity measures exceeding regulatory requirements and other competitive technologies.



SYNVIVO, INC.

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SynVivo is recreating in vivo microenvironments on a synthetic microfluidic chip format to enable better prediction of human relevant responses for drug development and personalized medicine applications. 3D tissue-organ on chip models from SynVivo enable real-time study of cell and drug interactions and accelerate discovery by providing a biologically realistic platform that more accurately depicts in vivo reality. Complex in vivo microvascular environment including scale, morphology, hemodynamics and cellular architecture are re-created in an in vitro format.

SynVivo's 3D cellular models are morphologically and physiologically realistic and feature a side-by-side architecture enabling real-time visualization using standard analytical instrumentation. Commercially available models include tumor, blood brain barrier, inflammation and toxicology. The primary markets for SynVivo are (1) pharmaceutical and biotechnology organizations as well as academic, research and government institutions for basic and applied life science applications including drug discovery, development and delivery and (2) "personalized medicine" where SynVivo chips can be used to culture a patient's own cells for directly relevant drug efficacy studies.

SynVivo's drug development tools business is commercial stage with sales of chips, kits and instrumentation. The company is working with comprehensive cancer centers to perform pilot clinical studies to validate the personalized medicine cancer application.



TRIALTUS BIOSCIENCE, LLC

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TriAltus Bioscience provides life scientists with innovative tools for the expression and purification of genetically-engineered proteins. Our platform technology, a novel tag-based protein purification system, improves many-fold on existing methods and offers compelling benefits for researchers in drug discovery, as well as to Biopharma manufacturers.

Existing methods for protein purification invariably involve a tradeoff among simplicity, purity, and yield; many proteins of interest have no satisfactory method. The TriAltus CL7 tag has binding affinity 4-7 orders of magnitude higher than other methods, which results in ultra-efficient purification of even the most complex proteins. The benefit is less time to create high purity proteins with up to 100x yield improvement. TriAltus has exclusive worldwide rights to the technology through a license agreement with UAB. Patent pending in US and Europe.

Our purification system has broad utility as a near-universal solution to many entrenched problems in life science research and industrial production. As a tool-based system, we are one step removed from therapeutic or diagnostic development: rather than develop therapeutics ourselves, we support those developers with a value-added solution. We are target and disease agnostic, and we avoid the usual life science hurdles of regulatory approval and medical insurance reimbursement, while fully exploiting the biotech IP benefit of proprietary, sustainable competitive advantage.

TriAltus sells tag kits and reagents (resin, plasmids, and proteases) for expression and purification of engineered proteins. Beginning in 2019, we will launch our first genetically engineered proteins for research use.



UNIVERSITY OF SOUTH ALABAMA

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The scholars at the University of South Alabama promote an environment where curiosity and discovery are given free rein. Within this culture, the university can respond to our citizens and global issues with bold ideas infused with creative energy. The outcomes are high-quality research and scholarship, new information and opportunities, the transformation of traditional disciplines, new partnerships, the formation of emerging fields of inquiry, and innovation for societal applications.

The Office of Research and Economic Development (ORED) works to advance the research, discovery, and creative activities of the University through a number of objectives including:

- increasing the opportunity and success for USA faculty, post-doctoral fellows and students in carrying out transformative Research, Discovery and Creative Activities;
- advancing entrepreneurial activities that support the development of new technologies; and
- increasing the economic and societal impact of discovery produced by USA and USA faculty, post-doctoral fellows and students on the Gulf Coast region, nationally and internationally.

The ORED through the Office of Commercialization and Industry Collaboration is responsible for managing the intellectual property assets of the University of South Alabama, while also serving as the point of contact for industry collaboration partners. We orchestrate the cooperation between university, industry and government stakeholders to develop faculty inventions into products on the market. Although patentable inventions constitute the majority of OCIC's licensing activities, we also handle copyright, Tangible Research Property, Material Transfer Agreements, and Confidential Disclosure Agreements.



UNIVERSITY OF SOUTH ALABAMA MITCHELL CANCER INSTITUTE

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As the leading research facility in the region, the Mitchell Cancer Institute (MCI) has built a robust, interactive and entrepreneurial training environment where researchers, physicians, physician-scientists, medical students, clinical fellows and Ph.D. graduate students work collaboratively, while supported by state-of-the-art core laboratories and specialized equipment. Current research programs include cancer biology, drug discovery, DNA repair, and cancer cell death and metabolism. Shared resources include a biospecimen repository (biobank), mass spectroscopy and proteomics, advanced microscopy, flow cytometry, along with robotic high-throughput screening and image-based high content screening capabilities for drug discovery.

MCI's newest technological additions are the N-SIM and N-STORM super-resolution microscopes. These cutting-edge imaging technologies combined with our most recent initiatives—the Drug Discovery program and DNA Repair Program—provide their extraordinary team of scientists with access to some of the most advanced research tools in the world. Research is competitively funded through National Institutes of Health (NIH) and Department of Defense (DOD) grants as well as through state funds, foundations and endowments.

As Professor of Oncologic Sciences and Pharmacology at the University of South Alabama Mitchell Cancer Institute, Dr. Piazza directs the Drug Discovery Research Center with expertise and state-of-art equipment for high throughput screening and imaging, medical chemistry, molecular and cell biology, and animal tumor models. Dr. Piazza has over 35 years of research experience and continuously funded by the National Cancer Institute since 2004. He has published over 100 scientific papers and is a Fellow of the National Academy of Inventors.

The logo features the text "USA HEALTH" in a large, serif font, with "USA" in red and "HEALTH" in blue. Below it, "MITCHELL CANCER INSTITUTE" is written in a smaller, blue, serif font.

ALABAMA INTERNATIONAL TRADE CENTER

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As part of The University of Alabama's College of Business, the Alabama International Trade Center (AITC) provides export research, training, and counseling to increase international trade for small businesses and existing industry. Trade Center professional staff, University students, and industry consultants work one-on-one with small businesses to expand export opportunities for Alabama-made products and services.

Since its establishment in 1979, the AITC has helped hundreds of small businesses start exporting. Statewide services include: 1) research to identify target export markets, costs, risks, and distribution partners; 2) training and education to help company staff learn export procedures, and 3) technical assistance to help firms access and secure financing for sales in foreign markets.

The Alabama International Trade Center is a member of the Export Alabama Alliance, a statewide network of trade assistance organizations led by the International Trade Division of the Alabama Department of Commerce to promote trade. The AITC is funded in part through a cooperative agreement with the U.S. Small Business Administration and is designated as a Regional Export Promotion Program representative for Alabama by the U.S. Export Import Bank.



BIO ALABAMA

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BIO Alabama represents Alabama's bio related industries, research scientists, clinicians and business professionals who are working together to foster, develop and support the life sciences in Alabama. BIO Alabama is the state affiliate in Alabama of the Biotechnology Innovation Organization (BIO), the preeminent national association for biotechnology companies.

The mission of BIO Alabama is to promote biotechnology innovation by creating a favorable scientific, business and legislative environment that will facilitate the growth of emerging and existing companies while attracting new biotechnology opportunities to Alabama and to increase public awareness regarding the potential impact on quality-of-life and the state's economy.

BIO Alabama is working hard to raise awareness of the biotech industry within the state and worldwide. They connect the bioscience ecosystem in Alabama and support Alabama's life sciences companies growing international presence.



BIRMINGHAM BUSINESS ALLIANCE

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The Birmingham Business Alliance (BBA) is the regional economic development organization for the Birmingham, Alabama metro area. Working with its seven counties and nearly 900 public and private investors, the BBA directly impacts the Birmingham regional economy by attracting, retaining and growing both companies and talent in our region.

The BBA is the region's lead marketer and coordinating organization, providing a full range of services that result in efficiency for companies and regional allies in the economic development process. By stimulating job and investment growth, tax revenues and overall economic prosperity in the region, the BBA helps Birmingham achieve and capitalize on its full economic potential.

What we do:

- Attract investment from leading, global companies
- Retain and grow existing businesses
- Accelerate startup growth
- Develop, retain and attract talent
- Advocate for a competitive business climate
- Promote Birmingham as a premier destination for global business and talent



birmingham
businessalliance
THE CHAMBER FOR REGIONAL PROSPERITY

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The City of Opelika is a municipality located in East Central Alabama. Opelika is located in one of the fastest growing counties in the state, Lee County, along the dynamic I-85 transportation corridor. Opelika has a population of nearly 30,000 and is part of the Auburn-Opelika Metropolitan Statistical Area (MSA) with a population of over 160,000. Opelika presents unparalleled opportunities for business, commercial, retail and industrial development, as well as an exceptional quality of life.

Opelika is home to many world class companies including Baxter International and Pharmavite, a subsidiary of Otsuka Pharmaceutical. Auburn University, only 15 minutes from Opelika, is a great partner for collaborative efforts in the Bio-pharma area. Opelika presents unparalleled opportunities for business, commercial, retail and industrial development, as well as an exceptional quality of life.

Opelika is well positioned for future growth in the bioscience field.



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The Huntsville/Madison County Chamber of Commerce's mission is to prepare, develop, and promote our community for economic growth. The Chamber serves as the lead economic development organization in our region, partnering with the Cities of Huntsville, Madison, Madison and Limestone Counties to support growth of existing businesses, and recruit new companies to the region around industry clusters of advanced manufacturing, aerospace/defense, IT, and the life sciences.

The Chamber manages, markets and promotes Cummings Research Park (CRP), the nation's 2nd largest research park and 4th largest in the world with 3,843 acres, 300 companies, 26,500 employees and more than 13,500 students. Propelling science since 1962, CRP has companies and organizations in research, development, engineering, testing and production across an array of high-tech industries. HudsonAlpha's Institute for Biotechnology and their 152-acre biotech campus are located in CRP. Biotechnology and Applied Genomics are one of our growing markets in North Alabama and CRP, much of what can be attributed to the work of HudsonAlpha and its associate companies.



MADISON COUNTY COMMISSION/NORTH ALABAMA INTERNATIONAL TRADE ASSOCIATION

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www.madisoncountyal.gov

www.naita.org

The Madison County Commission International Trade Development Center (ITDC) and the North Alabama International Trade Association (NAITA) formed a public/private partnership in 1983 as part of an economic development strategy to assist companies in expanding and diversifying their markets worldwide. NAITA is a business-driven non-profit membership organization and serves as a catalyst for trade development and growth opportunities in North Alabama and the surrounding region. NAITA's mission is to provide international trade advocacy, training, and networking to promote economic growth. For over 35 years, NAITA has hosted and supported targeted training programs and extensive networking opportunities with experienced exporters, importers, international service providers, and foreign business partners. ITDC and NAITA are also members of the statewide Export Alabama Alliance.

Partnerships are key the region's trade development strategy. NAITA and the Madison County Commission ITDC collaborate to assist small and medium-sized advanced technology companies in making connections, building new partnerships, and gaining access to international markets. Anne Burkett, NAITA Executive Director, serves on the Economic Advisory Committee of the HudsonAlpha Institute for Biotechnology. Through this partnership with HudsonAlpha, NAITA promotes the capabilities of small and medium-sized companies involved in the life sciences sector with an interest in growing in the European market.



UNIVERSITY OF ALABAMA CENTER FOR ECONOMIC DEVELOPMENT

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The University of Alabama (UA) is a degree granting institution serving students from the State of Alabama, the 50 states, and 77 countries. With an enrollment of 37,100 in the fall of 2015, UA offers a broad range of disciplines including Art & Sciences, Engineering, Business, Law, and Medicine.

Founded in 1831 as Alabama's first public college, UA is dedicated to excellence in teaching, research, and service. UA serves as the state's flagship university and is one of three universities comprising The University of Alabama System. The UA System's role is to add value and to facilitate the ability of each campus to excel.


Since 1987, The University of Alabama Center for Economic Development (UACED) serves as a gateway to UA providing linkages to various community and economic development resources. UACED provides technical assistance to communities, agencies, non-profits, and organizations in order to improve their capacity and economic viability. Working throughout the State of Alabama, they focus a significant portion of their work in rural areas, connecting community needs and projects to professional and financial resources, with the goal of utilizing assets to improve local economies.



UA Center for
Economic Development

THE UNIVERSITY OF ALABAMA®

LIFE SCIENCES KEY ALABAMA STATISTICS


48,000 Direct & Indirect Jobs
in Bioscience Industry


780
Bioscience
Companies


Second
Largest Research &
Technology Park in the
United States
CUMMINGSRESEARCHPARK


18
Potential Drugs in the Pipeline
through Alabama Drug Discovery


7
FDA-Approved
Anticancer Drugs
Discovered by
Southern Research


50+ Medical
Device
Companies


\$1.3 Billion in NIH Funding
Over the Last 5 Years
