



■ The German-American Partnership

Schleswig-Holstein and the United States of America

Contents

- I. Economic and Business Connections 2
 - A. Investment 2
 - B. Trade 3
- II. People-to-People Connections 3
 - A. Tourism from the U.S. 3
 - B. Resident Citizens and Emigrants 4
- III. Research & Technology 4
 - Research Institutes 4
 - A. Educational 7
 - B. Foundations 9
 - C. Partnerships 9

I. Economic and Business Connections

A. Investment

U.S. Investment in Schleswig-Holstein

- There are about 130 U.S. companies in Schleswig-Holstein where U.S. shareholders hold at least 51% of the stock.
- The top 8 U.S. companies provide more than 8,000 jobs.
- US companies represent almost one-sixth of all manufacturing jobs in the state.

Five Top U.S. Companies in Schleswig-Holstein (2010) (in Euros, in Thousands)

(Source: Markus Datenbank, last update April 2011)

Five Top U.S. Companies (2010)	Employees	Sales
Ethicon	2,103	474,873
Autoliv	2,000	600,000
Caterpillar	1,000	640,000
Stryker	500	220,000
Raytheon	484	102,000

Five Top Schleswig-Holstein Companies (2006) Employees Sales (in €)

Schleswig-Holstein's Ministry of Economics, Office of Protocol, and Trade Promotion Office were all unable to provide data on companies in the U.S. They currently do not track this information.

B. Trade

Total Trade (in Euros, in Thousands)

(Source: Statistikamt Nord)

	2008	2009	2010
Exports to U.S.	1,177,264	1,027,000	1,140,000
Imports from U.S.	729,710	601,000	830,000

U.S. Trade with Schleswig-Holstein

In 2010, U.S. exported euro 830 million in goods to Schleswig-Holstein (4.1 percent of Schleswig-Holstein's total imports).

Schleswig-Holstein Trade with the U.S.

In 2010, Schleswig-Holstein exported euro 1,140 billion in goods to the U.S. (6.2 percent of Schleswig-Holstein's total exports). (Source: Ministerium für Wissenschaft, Wirtschaft und Verkehr des Landes Schleswig-Holstein)

II. People-to-People Connections

A. Tourism from the U.S.

Overnight stays by U.S. tourists

(Source: Statistisches Landesamt Bremen)

2006	2007	2008	2009
31,527	28,973	26,441	24,377

B. Resident Citizens and Emigrants

U.S. citizens resident in Schleswig-Holstein

2007	2008	2009
1,747	1,780	1,784

(These figures do not include dual citizens.)

III. Research & Technology

Research Institutes

Research Center Borstel

This research center focuses on health and biomedical research in pneumology, in particular the molecular and cellular basis of infection, allergy and tumor biology. Its U.S. partners are the University of Alabama, Trudeau Institute (Saranac), Sandler Institute (San Francisco), National Cancer Institute (Frederick National Institute of Health), NIAID (NIH, Bethesda), University of Pennsylvania, Washington University School of Medicine (St. Louis), Harvard Medical School (Boston), Rockefeller University (New York), University of Iowa, University of Nebraska, University of Michigan, Scripps Research Institute (La Jolla), University of Texas, Stanford University, and the University of Missouri.

Leibniz Institute of Marine Sciences at the University of Kiel (IFM-GEOMAR)

The IFM-GEOMAR conducts research in all marine sciences, and operates world-wide in all ocean basins. Its main research topics include ocean circulation and climate dynamics, marine biogeochemistry, marine ecology, and dynamics of the ocean floor. Its U.S. partners in research are: Scripps Institute of Oceanography, Woods Hole Oceanographic Institute, University of California (Santa Barbara), University of California (San Diego), University of North Carolina, University of Guam, School of Oceanography (University of Washington), Rosenstiel School of Marine and Atmospheric Science, Lamont-Doherty Earth Observatory, School of Oceanography (University of Washington), Ohio State University, Schilling Robotics, National Oceanic and Atmospheric Administration, Atlantic Oceanographic and Meteorological Laboratory, National Center for Atmospheric Research, and Texas A&M.

Fraunhofer Research Institution for Marine Biotechnology (EMB)

The EMB is engaged in developing new technologies, processes and instruments in the fields of biological water quality monitoring, aquaculture technology, cellular technologies, homoiothermic and poikilothermic animal cell cultures, stem cell isolation and utilization, cellular test systems, online analysis of living cells and cell-based medical and laboratory techniques. The Fraunhofer EMB employees have been working in the field of stem cell research of various organisms and organs since 2004 and established a cell bank for wild and rare animals – the German Cell Bank for wildlife "Alfred Brehm" (CRYO-BREHM). The EMB focuses predominantly on techniques and technology development in the fields of cellular technology, aquatic biotechnology and cell-based medical techniques. The EMB is a partner for industry and medicine in the fields of regenerative medicine approaches, development of new culture systems for mammalian cells, harnessing cellular characteristics for medical, industrial and agricultural application, development of innovative test systems for pharmaceutical, cosmetic and environmental parameters, biotechnology, laboratory development, development of imaging methods, aquaculture procedures, hydrographical monitoring as well as biodiversity preservation. The EMB has started collaborations with U. S. research institutions, i.g. Harvard Medical School (Boston) or Duke University (Durham). EMB works on intensifying existing and identifying additional cooperations with U.S. partners.

HZG Research Centre Geesthacht

The HZG Research Center is member of the Helmholtz Association, Germany's largest scientific organization. HZG main research areas cover materials science with a focus on advanced engineering materials, materials research with neutrons and synchrotron radiation and biomaterials for regenerative medicine, as well as climate and environmental research in particular on coastal dynamics and its natural and anthropogenic drivers. The HZG has extensive contacts to U.S. research institutes.

Its U.S. partners in coastal and climate research are: Institute of Marine and Coastal Sciences (Rutgers University, New Brunswick), Woods Hole Oceanographic Institute, School of Marine Sciences (University of Maine), College of Marine Science (University of South Florida), School of Oceanography (University of Washington), Cooperative Institute for Environmental Sciences (CIRES), Colorado University (CU), Boulder, CO, National Center for Atmospheric Research (NCAR), Boulder, CO, Scripps Institution for Oceanography, U of California, San Diego, CA, University of Washington, Seattle, WA, Colby College, Waterville, MA, University at Manoa, University of Hawaii, Honolulu, HI, Center for Research on the Changing Earth System, Columbia, MD, The Rosenstiel School of Marine and Atmospheric Science (RSMAS), FL, Oceanography Division, Naval Research Laboratory, Stennis Space Center, MS.

Its U.S. partners in materials research are the MPI-WPI (MA) the University of Virginia (VA) within the "Materials World Network" funded by the German DFG and the U.S. National Science Foundation (NSF), the California Institute of Technology (CA), the ARID Technologies Inc. (IL), the Nist Centre for Neutron Research in Gaithersburg and the Spallation Neutron Source (SNS) in Oak Ridge (TN), University of Alabama.

Kiel Institute for the World Economy (IfW)

The IfW is an international center for research in global economic affairs, economic policy consulting, economic education and documentation, headed by the American Prof. Dennis Snower. The Institute engages in creating solutions to urgent problems in global economic affairs. On the basis of its research, the Institute advises decision-makers in policy, business, and society and informs the broader public about important developments in international economic policy. As a portal to research in global economic affairs, the Kiel Institute has established a network of International Research Fellows that supports the worldwide awareness of the Institute's activities and gives additional research impulses in form of scientific advice, joint research, and teaching stays in Kiel. Furthermore, the Kiel Institute organizes the annual event Global Economic Symposium, a research-based solution-oriented forum of outstanding policymakers, scholars, business people and representatives of the civil society. Among many academic institutions in the US, the Kiel Institute cooperates very closely with the National Bureau of Economic Research in Cambridge/Massachusetts, and the Peterson Institute for International Economics in Washington D.C..

The German National Library of Economics (ZBW) – Leibniz Information Centre for Economics:

The German National Library of Economics (ZBW) – Leibniz Information Centre for Economics is the world's largest specialist library for economics, with locations in Kiel and Hamburg. It cooperates closely with the American Economic Association. The mission of the ZBW is to procure and supply economic information and literature nationally. The ZBW aims to offer its users comprehensive services that will facilitate efficient and effective utilisation of economics-specific information. The German National Library of Economics procures economic literature and subject specific information from all over the world. The ZBW makes them available to users by interlibrary lending and document delivery as well as by local lending and uses them as the basis of its information services. The ZBW also engages in national and international projects to advance the development of new information services. The ZBW is a WTO depositary library and maintains a European Documentation Centre at both locations, in Kiel and Hamburg.

IV. Educational & Cultural Exchanges

A. Educational

“Windows on America” Youth Delegation from Kiel

From October 13 to 26 in 2008, ten “Windows on America” participants from Kiel visited Washington D.C., Ohio and New York City for two weeks. The group was composed of six youths associated with the Turkish Community of Schleswig-Holstein and four students from the Integrated Secondary School Hassee in Kiel. Six participants were of Turkish origin; the remaining four were of Iraqi, Iranian, Burundi and Ethiopian origin. The Consulate General in Hamburg with the Berlin Embassy sponsored the trip and arranged a special English language and preparatory course for the diverse group. The students returned full of praise for their program and enthusiasm for the U.S., singling out the time they spent with American host families in Ohio as the highlight of the visit.

University of Applied Sciences Flensburg

Collaborations exist with the Kennesaw State University in business management.

University of Applied Sciences Flensburg

Collaborations include the University of North Carolina in business and information management, Kennesaw State University in business management, South Dakota School of Mines and Technology in energy and environmental management, and South Dakota State University in biotechnology.

University of Kiel

The University of Kiel has long lasting and strong relationships with Penn State University, the University of Kansas, the University of Utah, and the University of Illinois. The cooperation covers several aspects of academic exchange, such as a study abroad program for American students from the University of Utah that has run for more than 40 years. In the near future it is planned to intensify the collaboration with the North American partners and efforts will be made to identify new partners in the U.S.A. to explore new fields of joint study and research.

University of Applied Sciences Kiel

The University of Applied Sciences Kiel was founded on 1 August 1969 as a result of the merger of several government-run schools of engineering and technical colleges. U.S. partner universities include University of Massachusetts (Amherst), Suffolk University, Texas A&M University, Michigan Technology University, California State Polytechnic University, South Dakota School of Mines and Technology, United States International University (San Diego), Penn State University, and Florida International University.

University of Lübeck

The University of Lübeck has strong relationships with the U.S., especially in medicine. The research of the Medical Clinic II focuses on Biomedical Genetics (Genetic analysis of determination for cardiovascular diseases). Its U.S. partners are Stanford University, Palo Alto, California and the Cleveland Clinic Lerner College of Medicine, Ohio. The Neurology Department for Clinical and Molecular Neuro Genetics conducts research in Genetics of neurological diseases, especially movement disorders, such as Parkinson`s disease and dystonia. Its U.S. partners are Harvard University, Cambridge, Massachusetts, the Harvard University, Charlestown, the Boston University, the MassGeneral Institute for Neurodegenerative Disease, the General Hospital, Harvard, all Massachusetts, the Oregon Health and Science University, Portland, the Mount Sinai Medical Center, New York, and the Genome Science Institute U.S.A.

The Institute for Medical Biometry and Statistics (IMBS) is the university`s central platform for statistic analysis of biomedical research data, especially for biostatistics in genetics. It has published in internationally highly ranked journals and works on epidemiological data and biostatistics within Lübeck`s focus on biomedical genetics. It is also the platform for the Center for Clinical Trials. Its U.S. partners are the University of Chicago, Illinois, the Boston University, Massachusetts, the University of Michigan, Ann Arbor, the Center for Health Research, Portland, Oregon, the National Institutes of Health, Bethesda, Maryland.

The Institute for Systemic Inflammation Research (ISEF) conducts research on immunology and inflammation, as well as immunological mechanisms of innate immunity. It has strong ties with the University of Cincinnati (UC) and Cincinnati Children`s Hospital (CCHMC). Currently, the university of Lübeck is working with UC/CCHMC to establish an International Research Training Group for PhD and MD students fostering bilateral student exchange between the two universities. Other U.S. partners are the Harvard Medical School, Boston, Massachusetts, the Medical College of Georgia, Augusta, the Cornell University New York.

In the field of Informatics the Institute for Neuro- and Bioinformatics has a strong partnership with the CCNY, New York, in a foreign exchange program. Collaborations include the Schepens Eye Research Institute of the Harvard Medical School.

The Universität zu Lübeck has foreign exchange programs with the University of New Mexico, Albuquerque.

University of Applied Sciences Lübeck

Lübeck`s U.S. partner university is the Milwaukee School of Engineering. The two collaborate in electrical engineering, mechanical engineering, engineering, and business management.

Nordakademie UAA Graduate School of Economics, Elmshorn

The first private German university founded and funded directly by industry, Nordakademie is supported by non-profit, public limited company. Shareholders of this company include 43 well-known companies, and more than 400 companies collaborate with the graduate school. Its business programs offer courses in foreign languages, seminars, semesters abroad, lectures

on corporate practices and excursions. Its U.S. partner universities are Boston College and North Eastern University.

University of Applied Sciences, Wedel

This private university offers bachelor's, master's, and doctorate degrees in business, computer science and engineering. Students network with businesses through the university's development association "Wedeler Hochschulbund e.V. (WHB)". Eighty companies, including Jungheinrich and Tchibo, are members of this association. Students can spend one semester at one of 24 partner universities around the world. Its U.S. partner universities are Belmont Abbey College, and Iowa State University.

B. Foundations

Kennedy Infozentrum

The Kennedy Infozentrum is a German-American Institute in Kiel that is run by an all-volunteer staff with a library, student advising services, and manifold programs on all aspects of U.S. society, politics, and culture. They also offer English courses. The Kennedy Infozentrum is part of "EducationUSA," a global network of more than 450 advising centers supported by the Bureau of Education and Cultural Affairs at the U.S. Department of State.

C. Partnerships

American/ Schleswig-Holstein Heritage Society (ASHHS)

The ASHHS is headquartered in Walcott/Iowa and was founded in 1989 by American ancestors of emigrants from Schleswig-Holstein. It includes members and associations from Schleswig-Holstein who/which support these transatlantic linkages (e.g. Schleswig-Holstein Home Country Association). The most important common link is the Low German language. The ASHHS is engaged in fostering cultural exchange and personal contacts. It also conducts ancestry research. The ASHHS holds annual Low German conferences. The conference location alternates between places in the U.S. and Schleswig-Holstein. The last ones were held in Marysville/Kansas and Nortorf in Schleswig-Holstein.

Eutin and Lawrence, Kansas

Helmut Huelsbergen from Eutin began establishing contacts in Lawrence, KS in 1964. A foreign exchange program between Eutin and the University of Kansas soon developed. In October 1989, Eutin and Lawrence declared themselves sister-cities. The two maintain contact not only through the student exchange program, but also through cultural exchanges such piano recitals, choir concerts, and art exhibitions.

Pinneberg and Rockville, Maryland

Sister-cities since 1957, Pinneberg and Rockville enjoy a very active exchange program. Rockville landmarks dedicated to the sister-city relationship include the Pinneberg Friendship Gardens in front of City Hall, the sculpture “One Site” by Pinneberg artist Gabrielle Schmidt-Heins, the Pinneberg Room in the Rockville Civic Center Mansion (which holds photographs and memorabilia of the exchanges), and, most recently the Rockville Sister City Friendship Bridge, which commemorates the 50th anniversary of the sister-city relationship.

Environmental Partnership

Schleswig-Holstein and the state of Maryland have been environmental partners since 2002. Their similar topographies of extended coastline and estuaries make them ideal partners in pursuing comprehensive approaches in water and wetland management. Both states have made formal decisions to increase the share of renewable energies, and focus on research land management as exemplified by Maryland’s “Smart Growth” program. In the future, the two will begin to exchange information and technical expertise.