

Sino-US Global Logistics Institute

<http://gse.sjtu.edu.cn/EN/aboutus.htm>

I . An Introduction to Disciplines and Main Research Fields

Shanghai Jiao Tong University Sino-US Global Logistics Institute (SUGLI) was founded on October 20th, 2005, which was supported by the National Development and Reform Commission, Ministry of Transportation, Shanghai Municipal People's Government, Hong Kong's Tung Foundation, the U. S. Department of Commerce, and Government of Georgia, USA, etc. SUGLI is an independent logistics research institution and platform directly affiliated to Shanghai Jiao Tong University.

SUGLI is developed on the base of the comprehensive advantages of other excellent subjects of Shanghai Jiao Tong University, such as, management science, information technology, digital manufacturing and industrial engineering, shipping, finance, trade, statistics, economics, and law-related subjects, mainly focusing on the following six fields: Regional Logistics and Urban Logistics, Automotive Logistics, Shipping Logistics, the Logistics of Sustainable Development, Logistics Information Technology Based on The Internet of Things, and Modern Logistics Basis and Application Theory.

Disciplines and Main Research Fields

Research Directions	Research Contents
Regional Logistics and Urban Logistics	Regional Logistics, City Logistics and Urban Distribution Studies,etc.
Automotive Logistics	Manufacturing Logistics, Automotive Service Logistics,etc.
Shipping Logistics	China Shipping Development Strategy, Investment Strategy of Port, Shipping Network Optimization Design, the Construction of Shanghai International Shipping Center, Shanghai Shipping Index Development and Other Compilation;
Logistics of Sustainable Development,	Hazardous Chemicals Logistics, Environmental Logistics, Security Logistics;

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Research Directions	Research Contents
Logistics Information Technology Based on The Internet of Things	Visualization Oil Scheduling and Distribution Systems, Intelligent Scheduling Systems of Large Crowds, Financial Management Systems of Financing Logistics, Agricultural Life Cycle Management System;
Modern Logistics Basis and Application Theory	Mechanism Design of Traffic Equilibrium with Tradable Credits and Right Way of Trading, Transportation Network Design and Algorithms, Supply Chain Networks and Mechanisms Design of Developing New Energy Sources, Layer Decision Theory and Algorithms, Product Mix and Inventory Policy Research, Methods of Cross-border Pollution Cooperation Mechanism

II . Faculty

1. Overview of Faculty

SUGLI has 12 full-time researchers, five post doctors and visiting scholars both at China and abroad, and eight part-time staff from other institutes of Shanghai Jiao Tong University, such as Antai College of Economics & Management, School of Naval Architecture, Ocean & Civil Engineering, School of Electronic Information and Electrical Engineering, School of Mechanical Engineering, and SUGLI researchers include eight professors, five associate professors, and seven Assistant Professors.

2. Renowned Professors

No.	Name	Position	Research direction
1	ZHU Daoli	Distinguished Professor of SJTU	City logistics, Security logistics, Energy logistics, Government mechanism design, Internet of Things application in logistics applications, Transportation science
2	ZHAO Laijun	Pujiang Talents Program of Shanghai	Logistics and supply chain management, Safety and environmental management
3	GAO Huaizhu	Shanghai Oriental Scholar	Transportation logistics management optimization and air pollution control

III. Achievements

SUGLI has provided decision-making advice for the major national strategy and local government, completed a number of multi-model transport programs, finished the project feasibility study of Xinjiang Urumuqi landway port in the Silk Road Economic Belt initiative; actively carried out technical innovation, an automotive parts and two intelligent technology of transport service chain are applying for patents. The school also has increased six national Natural Science Foundations and two postdoctoral Science Foundations, 38 SCI papers, 47 CSSCI papers. Governmental and enterprise funding has amounted to 10 million yuan.

SUGLI has Founded Guangdong Automobile Logistics Technology Engineering Center and Shanghai Trade Data Mining and Application Engineering Center and established a strategic partnership with the Shanghai Municipal Commission of Commerce, Economic and Information Commission, the Shenzhen Municipal Government, Shenzhen Qianhai Authority, and other government departments, such as downwind logistics, Tianjin port, Xinjiang dry port, and Debon logistics.

IV. International Collaboration

SUGLI has actively carried out international cooperation, extensive and close contact with the international logistics industry and maintained a close partnership with many well-known foreign universities. SUGLI keeps a good collaborative relationship with the Georgia Institute of Technology, Cornell University, the University of Montreal (Canada), Central University of Technology (France), the French National Institute of Telecommunications (INT), the University of Tokyo (Japan), Korea Ocean Research Institute, City University of Hong Kong, Hong Kong Polytechnic University, as well as the University of Liverpool, and regularly carries out exchanges and cooperation.

V. Platforms for Scientific Innovation

- Academic Innovation Platform of Government-enterprise-university
- Shanghai Trade Data Mining and Applied Engineering Technology Center
- Guangdong Automobile Logistics Engineering Center
- SUGLI Management Science and Engineering Postdoctoral Research Station