





BTI Institute

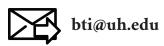
Borders • Trade • Immigration

A Department of Homeland Security Center of Excellence

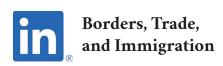
The Borders, Trade, and Immigration Institute, a Department of Homeland Security Center of Excellence, conducts and transitions **research**, develops innovative **solutions**, and provides **education** that enhances the Nation's ability to **secure** the borders, **facilitate** legitimate trade and travel, and **ensure** the integrity of the immigration system.

Through a multi-disciplinary team of national and international experts, the Institute delivers transformational technology-driven solutions, data-informed policies, workforce development opportunities for today's Homeland Security Enterprise, and trans-disciplinary education for the next generation of homeland security experts.









National Impact

Leveraging technology to augment and enhance data sharing in E-commerce

In collaboration with Customs and Border Protection Office of Trade, BTI Institute researchers evaluated the impact of emerging technologies to enhance data sharing and conducted economic impact modeling using Monte Carlo methodology to optimize cross-border e-commerce.

Supporting Prosperity and Security in the Central America

In collaboration with Department of Homeland Security Office of Strategy, Policy and Plans, the BTI Institute initiated several projects to expand cooperation by addressing economic, security, and governance issues facing the Northern Triangle region in Central America. BTI Institute research outcomes in this area include: providing a comprehensive perspective through studying the strategic narratives; discovering the extent to which economic motivations determine migration; evaluating the legal framework of the region's surrounding nations; and determining to absorptive capacity of Southern Central American nations to alleviate significant Northern flow.

Economic Impact of Border Security Deployments

To assist U.S. Border Patrol in understanding the localized impacts of infrastructure and personnel deployments, Institute researchers have developed a tactical mapping tool that displays a comprehensive profile of the value and effectiveness of resource deployment.

Building a Regional Profile of the Origins of Honey

In partnership with the Laboratories and Scientific Services Directorate of Customs and Border Protection, a BTI Institute research team has developed new methods to assist in the identification of the true country-of-origin for commercial sources of honey by utilizing sophisticated analytical and molecular biological methods to confirm products match their label claims.

Expert Team •

ADAC, University of Alaska

American University

ANSER Inc.

Baylor College of Medicine

CCICADA, Rutgers University

CREATE, University of Souther California

Cross-Border Institute

CT Strategies

Ernst & Young

IBM Federal

Lantern UAS, LLC

Lean Tail Labs

The MacroDyn Group

Middlebury Institute of International Studies at Monterey

Migration Policy Institute

MITRE

Monmouth College

MSC, Stevens Institute

START, University of Maryland

Naval Postgraduate School

Oak Ridge Institute for Science and Education

Oklahoma State University

Prairie View A&M University

Rutgers University

SAS

South East Texas Regional Planning Commission

South West Border Sheriff's Coalition

Texas A&M Engineering Experiment Station

Texas A&M International University

Texas A&M Transportation Institute

U.S. Coast Guard Academy

U.S. Military Academy at West Point

Universidad Nacional Autónoma de México

University of Arizona

University of Houston

University of Minnesota

University of North Carolina

University of Texas at El Paso

University of the Incarnate Word

University of Virginia

Voir Dire International, LLC

West Virginia University

