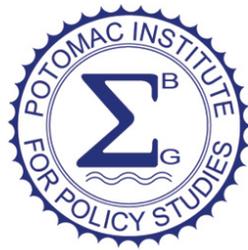




# CHIPS

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## Unraveling the Landmark Legislation





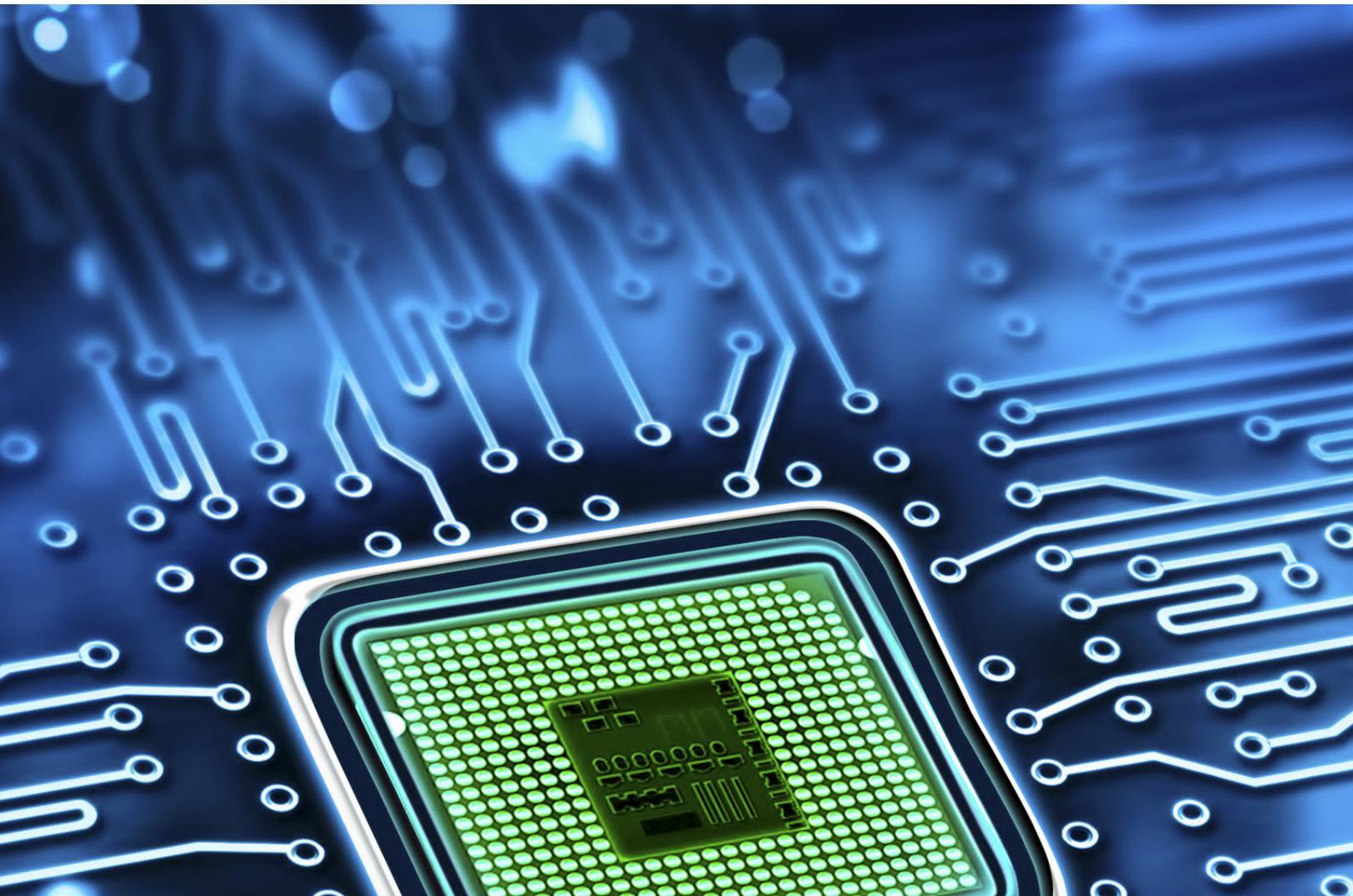
# Course Overview

This executive, 2 half-day course, hosted at the Institute, will explore the recent groundbreaking CHIPS legislation. It will briefly review the various sections of the bill along with the motivations behind it. The primary focus will be unraveling the execution options available for the various sections including the Incentives, R&D and Workforce aspects. The goal is to have the students better understand this legislation and how their organization might best contribute to the CHIPS mission.

The course will be led by an esteemed set of instructors with considerable experience in this field. They will help participants understand the big picture of CHIPS and how it might be executed to meet the needs of the US economy and National Security. Each instructor will present a briefing on a particular aspect followed by an interactive dialog between participants and instructors. This latter part is a key aspect of this course to help students gain maximal understanding of this complex and critically important legislation.

[CLICK HERE TO APPLY ONLINE.](#)

Questions? Contact Lakishia Biggs at: [education@potomacinstitute.org](mailto:education@potomacinstitute.org)



# Sample Course Agenda

## CHIPS

An executive course presented by the Potomac Institute for Policy Studies

DATE: JANUARY 25-26, 2023

LOCATION: Potomac Institute for Policy Studies | 901 N Stuart Street, Arlington, VA 22203

Wednesday, January 25, 2023 9:30AM-1:30 PM

Time	Courses	Instructor
8:45-9:00	Coffee bar	
9:00-10:30	Introduction to the Legislation	Dr. Michael Fritze
10:30-10:45	Break	
10:45-12:00	Motivations Behind Legislation	Hon. Al Shaffer
12:00-12:15	Break	
12:15-1:30	Manufacturing Incentives	Mr. John Behnke

Thursday, January 26, 2023 9:30AM-12:00PM

Time	Courses	Instructor
8:45-9:00	Coffee Bar	
9:00-9:15	Welcome from our Partner: Emerging Technology Institute	Dr. Mark Lewis
9:00-10:30	Research & Development	Mr. Brian Shirley
10:30-10:45	Break	
10:45-12:00	Workforce	Micron Representative

For a full list of instructors, visit:

<https://www.potomac institute.org/events/education>

**CLICK HERE TO  
APPLY ONLINE.**

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# Sessions

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## **Introduction to the Legislation**

This session will provide participants with a quick review of the specific sections of the bill.

**Faculty: Dr. Michael Fritze**

## **Motivations Behind the Legislation**

In this session we will focus on the US economy and National Security. We will explore why the USG is acting on this important topic now.

**Faculty: Hon. Al Shaffer**

## **Manufacturing Incentives**

This session will provide information on the manufacturing incentives part of the legislation with a focus on stimulating the domestic manufacturing base.

**Faculty: Mr. John Behnke**

## **Research & Development**

This session will focus on how the various R&D organizations specified in the legislation will work. These include the National Semiconductor Technology Center (NSTC), National Advanced Packaging Manufacturing Program (NAPMP), and Manufacturing USA Organizations.

**Faculty: Brian Shirley**

## **Workforce**

In this session will provide information on how to guarantee a sufficiently trained workforce is available to execute the CHIPS program.

**Faculty: MICRON Representative**

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# Faculty Bios

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**John Behnke** has 35 years of semiconductor industry experience including: logic and memory manufacturing, technology/product development and fab operational excellence. As the GM of Final Phase Systems an INFICON Product Line, Behnke leads a team that develops and deploys SMART software solutions that enable fabs to improve their manufacturing efficiency.

**Dr. Michael Fritze** is a Senior Fellow and former Vice President at the Potomac Institute for Policy Studies responsible for the Microelectronics Policy portfolio. His activities include USG trusted access strategies, support of needed legacy technologies. DOD innovation policy and outreach to Industry and strengthening the U.S. Microelectronics Industrial Base. He is also the Director of the VITAL Center (Vital Infrastructure Technology and Logistics) at Potomac.

**Dr. Mark Lewis** is the Executive Director of NDIA's Emerging Technologies Institute (NDIA ETI). Prior to this position, Dr. Lewis was the Director of Defense Research & Engineering in the Department of Defense (DoD), overseeing technology modernization for all Services and DoD Agencies, as well as the acting Deputy Under Secretary of Defense for Research & Engineering. He is the author of more than 320 publications.

**The Honorable Alan R. Shaffer** is a member of the Board of Regents at the Potomac Institute for Policy Studies. He served as the Deputy Under Secretary of Defense for Acquisition and Sustainment (A&S) from January 2019 to January 20, 2021. From 2015 to 2018, Mr. Shaffer served as the Director, NATO Collaboration Support Office in Neuilly-sur-Seine, France.

**Brian Shirley** is a senior executive and advisor with over 34 years of broad-based experience in the semiconductor industry, including fourteen years as an executive officer of Micron Technology, a US-based Fortune 500 leader in semiconductor memory, as well as several years of senior consulting to the US Government on topics related to the Semiconductor Industry and US National Security.

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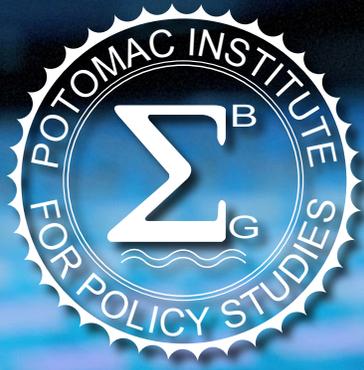
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# About Us

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**The Potomac Institute for Policy Studies** is an independent, nonpartisan, not-for-profit, science and technology (S&T) policy research institute. The Institute identifies and leads discussions on key S&T and national security issues facing our society, providing an academic forum for the study of related policy issues. Based on data and evidence, the Institute develops meaningful policy recommendations and ensure their implementation at the intersection of business and government. The Potomac Institute seeks to (1) identify key emerging technologies or scientific fields with disruptive potential, (2) anticipate and understand the likely societal-level impacts of these technologies, and (3) recommend meaningful policy options to the government. The Institute is keenly aware that implementation is the most difficult component of policy work. As a result, we do not merely conduct a world class study and provide a report. We roll up our sleeves as a think and “do” tank!





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