



**AMERICA'S DATAHUB**  
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# America's DataHub

## Updates and Request for Ideas

April 19, 2022





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# Agenda

## America's DataHub

**Emilda B. Rivers**

National Center for Science and Engineering Statistics (NCSES) Director

## America's DataHub Updates

**Vipin Arora**

National Center for Science and Engineering Statistics (NCSES) Deputy Director

## America's DataHub Request for Ideas (RFI)

**John Finamore**

National Center for Science and Engineering Statistics (NCSES) Chief Statistician

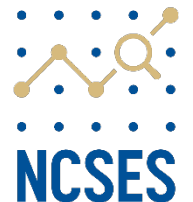


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# America's DataHub

**Emilda B. Rivers**

National Center for Science and Engineering Statistics (NCSES) Director



# Vision



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*America's DataHub will be an enduring national asset, where eligible people and secure data come together for collaborative research and decision-making that will benefit the American public.*

# Why did we form America's DataHub?



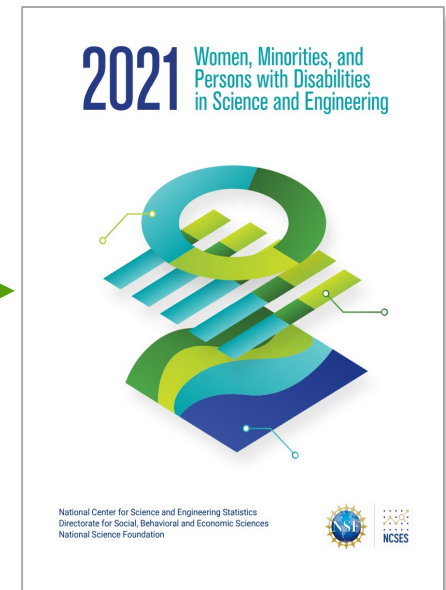
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## *NCSES's Policy Relevant, Policy Neutral Congressionally Mandated Reports Use A Variety of Data Sources*



### A Variety of Data Sources

- NCSES survey data
  - University
  - Government
  - Individuals
- Census, BLS, NCES, etc.
- International, OECD data
- Bibliometric data
- Patent data information



# What is America's DataHub?



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## NCSES Legal Authority



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## Functions

- ✓ Expand public access to federal survey data
- ✓ Acquire and integrate administrative and other non-traditional data sources
- ✓ Provide data-linkage capabilities
- ✓ Ensure privacy protection protocols are followed
- ✓ Foster working relationships among all levels of government and non-government
- ✓ Analyze data and produce new and improved data products
- ✓ Expand information dissemination through new media

## Outcomes



Modernized data infrastructure



Increased innovation



Expanded partnerships



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# America's DataHub Updates

**Vipin Arora**

National Center for Science and Engineering Statistics (NCSES) Deputy Director





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# Our first Request for Solutions (RFS) on Foreign Born Scientists and Engineers resulted in 5 project awards

- **Key Issue:** *Evidence building to understand the availability and demand for global science and engineering training and talent*
- RFS Published 5 November 2021
- 5 project awards made in early 2022
- Total funding amount of **\$3.5M**



# Innovative partnerships are the foundation for the FBSE projects



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Project Performers	Project Title
<p>Accenture Federal Services LLC University of Florida Storm King Analytics Influence Apps</p>	<p><i>A Network Scale-Up and Ad-Tech Approach Examining Workforce Participation and International Mobility in the FBSE Population</i></p>
<p>Clarivate Steppingblocks</p>	<p><i>Clarivate and Steppingblocks Proposal to Request for Solutions (RSF) Foreign Born Scientists and Engineers and the US Workforce FBSE-22</i></p>
<p>Coleridge Initiative Kentucky Center for Statistics (KYSTATS) Heldrich Center for Workforce Development, Rutgers University Arkansas Department for Transportation and Shared Services, Division of Information Systems-ARDATA</p>	<p><i>Creating a New Data Infrastructure for Foreign-Born Scientist and Engineers: Data, Analysis and Use</i></p>
<p>NORC at the University of Chicago Oak Ridge Institute for Science and Education (ORISE)</p>	<p><i>Building an Evidence-Based Foundation to Understand Foreign-Born Scientists and Engineers' Participation in the US Workforce</i></p>
<p>RTI International Duke University</p>	<p><i>Opportunity #1 Foreign-Born Scientists and Engineers and the U.S. Workforce</i></p>

# The initial awards fit within our phased approach



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	PHASE 1 0-12 Months	PHASE 2 12-24 Months	PHASE 3 24-36 Months	PHASE 4 36 Months +
Priority Considerations	Technology	Legal Barriers Legislation Technology	Governance Sustainability Legal Barriers	Resources Sustainability
Focus Areas	Data Linkage Data Security and Privacy	Data Access Data Linkage Data Security and Privacy	Data Infrastructure Data Access	Data Infrastructure Data Access
Project Requestor	NCSES/NSF	Other Agencies	Individual decision and policy-makers and researchers	Broad public with evidence- based needs

Informs...  
**NSDS**

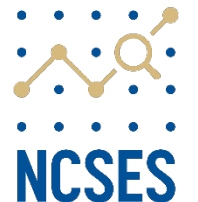


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# America's DataHub Request for Ideas (RFI)

**John Finamore**

National Center for Science and Engineering Statistics (NCSES) Chief Statistician



# Request for Ideas (RFI)

*Ensuring the Accessibility of Data, Lessons Learned, and other Information and Products from America's DataHub Projects*



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- Provide the Government with novel ideas regarding:
  - securely ensuring the accessibility and transparency of data,
  - lessons learned,
  - other informational outputs from the execution of projects awarded under ADC.
- Intent: products, deliverables, lessons learned, and other associated information from projects executed under ADC will be made as widely available and accessible as possible while ensuring appropriate security.
- Responses to [RFI](#) due **06 May 2022 3:00PM ET**



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**QUESTIONS?**

# Stay Engaged



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- **Industry/Academia:** [Join ADC](#) if you have not already
  - Membership is required to submit a response to the RFI.
- **Government:** Join the [mailing list](#) for announcements.
- Questions? Email [adc@ati.org](mailto:adc@ati.org)