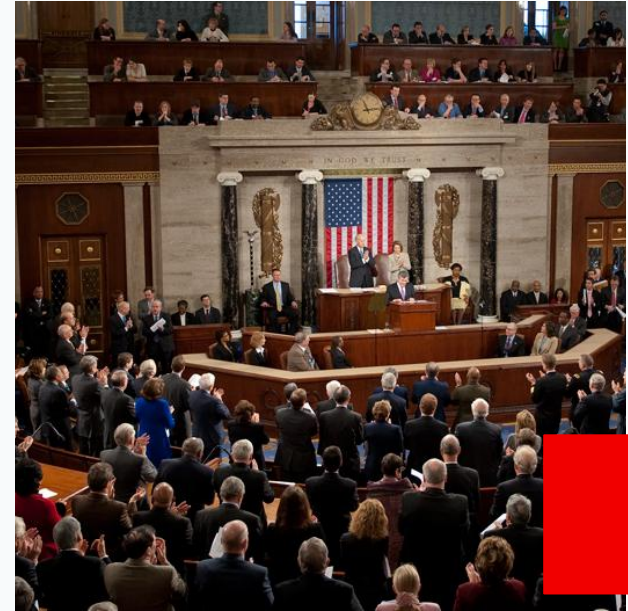


SPS

# ARTIFICIAL INTELLIGENCE: THE COMPLEX NETWORKS BEHIND LEGISLATION

Ruthie Vogel - AIP Mather Policy Intern  
University of Maryland - Physics, Sustainability



# WHO IS INVOLVED?

**01** 

## THE EXECUTIVE

Executive orders or other presidential actions.

**02** 

## GOVERNMENT AGENCIES

Help with implementation and formulation.

**03** 

## EXPERTS/ BUSINESSES

Give feedback/advice from their experience.

**04** 

## THE JUDICIARY

Courts review passed legislation and try cases.

**05** 

## THE SENATE

Members/Committees initiate legislation.

**06** 

## THE HOUSE

Members/Committees initiate legislation.



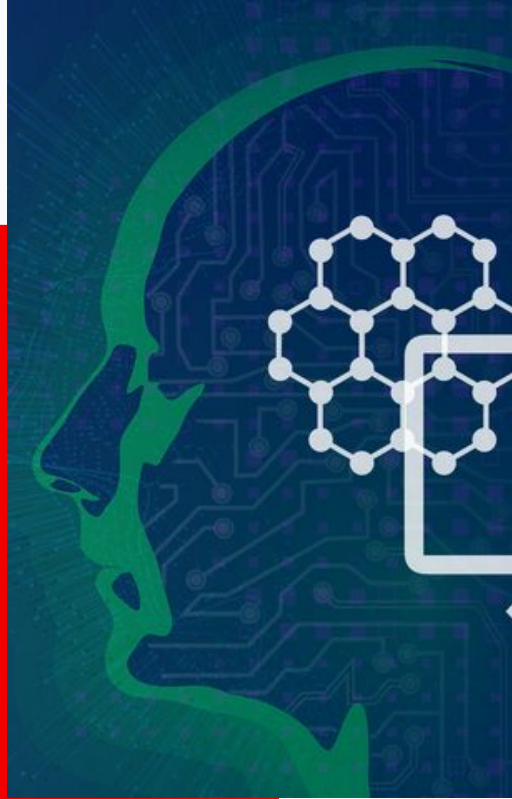
# PRESIDENT BIDEN'S PLAN

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Biden is serious about AI action. He's secured voluntary commitments from companies regarding:

- Ensuring safety before release
- Security
- Transparency in AI creation, methods, and data usage.





## GOVERNMENT AGENCIES

National Institute of Standards and Technology (NIST) created the AI Risk Management Framework and the Trustworthy and Responsible AI Resource Center in 2023. Other agencies are working on AI in their specific sectors.



Growing our economy, improving lives,  
and keeping us safe

# STAKEHOLDERS

Companies are all figuring out how to implement AI even before regulations. They have feedback for legislators but also want regulation that supports their specific business practices.

# WHAT SAY THE COURTS?

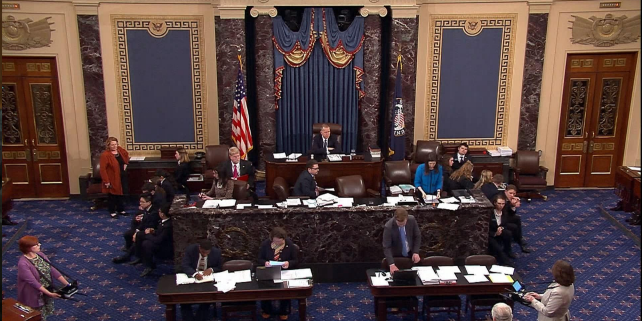
AI is being tried on all levels:

- The Supreme Court rejected a case about AI generated inventions.
- Artists and creators are suing about their intellectual property rights.
- AI is being used to reject mortgage applications, which will likely move to the courts.

And this is before any legislation is passed!







# PLANS ON THE SENATE SIDE

## SEN. SCHUMER

The Senate Majority Leader is talking to stakeholders and legislators about a plan for AI regulations. His goal? Something passed in months and not years.

## JUDICIARY

This Committee has been holding a series of hearings on AI Oversight, touching on intellectual property and copyright issues, human rights, and sci-fi sounding AI dystopian futures.

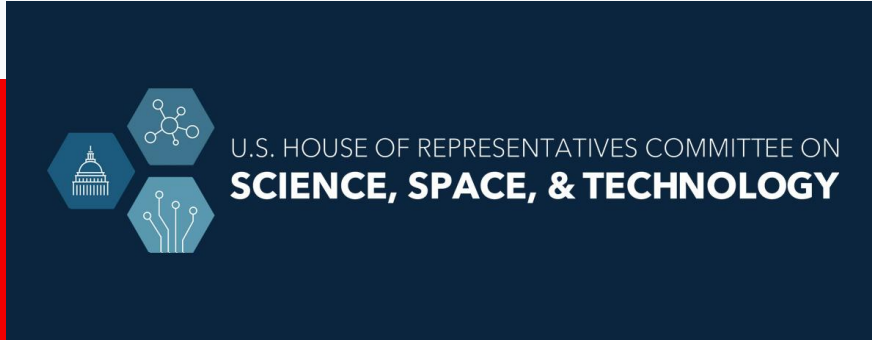
# THE HOUSE

Action in the House is split between the Judiciary Committee, which is mostly investigating IP and copyright, and the Committee on Science, Space, and Technology.





# WHAT'S SST WORKING ON?



## WITHIN COMMITTEE JURISDICTION

The Science Committee is working to guide the creation of new legislation and practices through grants, frameworks, and advance AI research.



## THIS SESSION

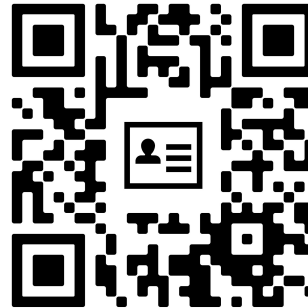
SST held a hearing titled "Artificial Intelligence: Advancing Innovation Toward the National Interest".

# THANKS!

So much gratitude for the staff of the House Science Committee, Brad Conrad, Kayla Stephens, and Mikayla Cleaver from SPS, and John Mather for making this possible.



SST site:



My info:

