

Building the Capacity for Public Engagement with Science in the US

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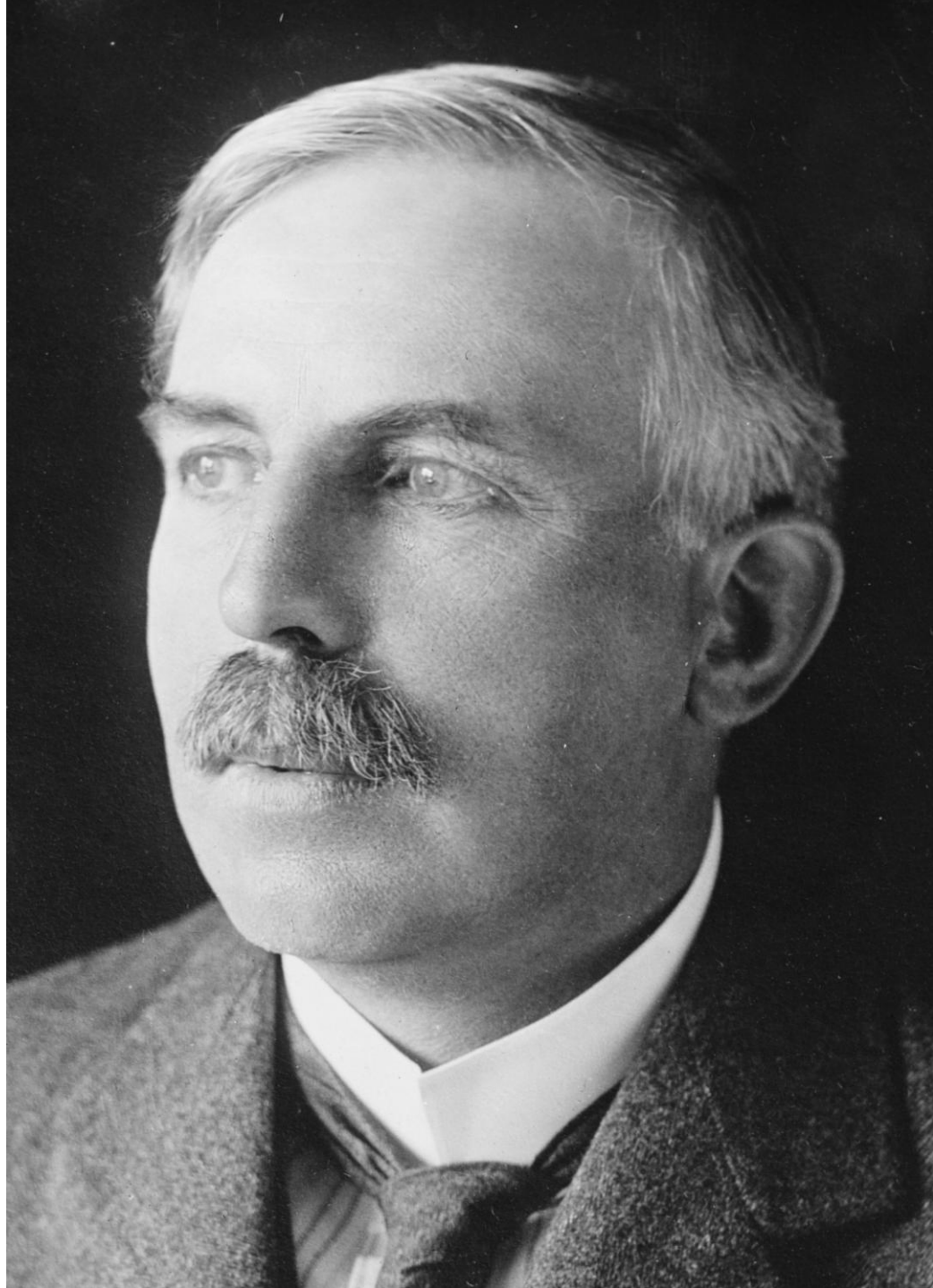
So if Paul Dufour can refer to
the United States as “south of
the border”...



CANADA

You know nothing, Dave Guston!









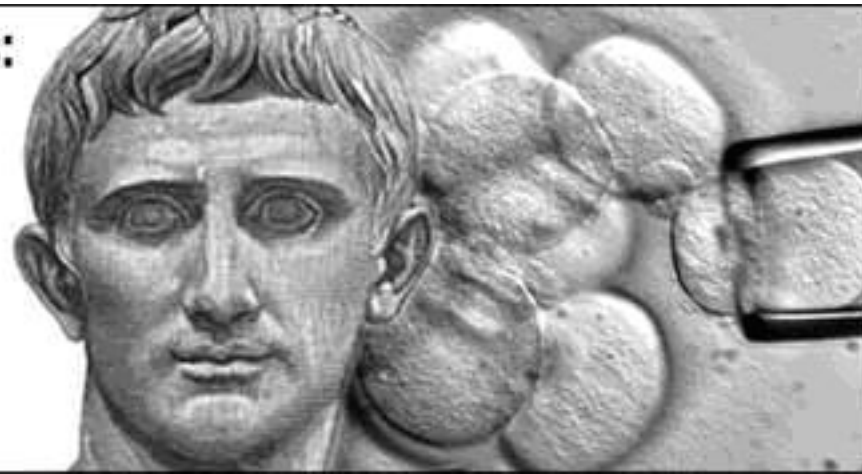
What I've learned:

- With apologies to Porfirio Diaz
- But in celebration of my intellectual relationship with Heather

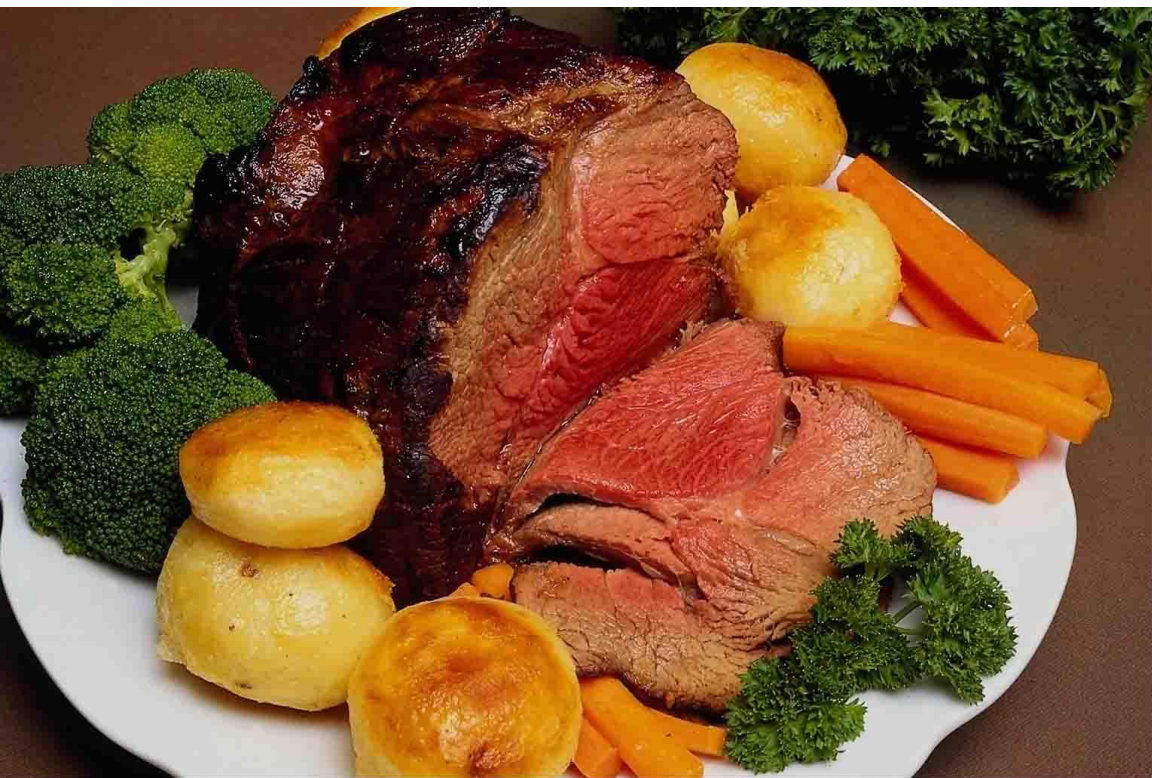


Science and Values:
The Politicisation
of Science

**Centre for Interdisciplinary
Research (ZiF)**
Bielefeld, Germany
25 - 30 May 2009



Canada, like poor
Mexico, so far from God,
So close to US



Kelly:

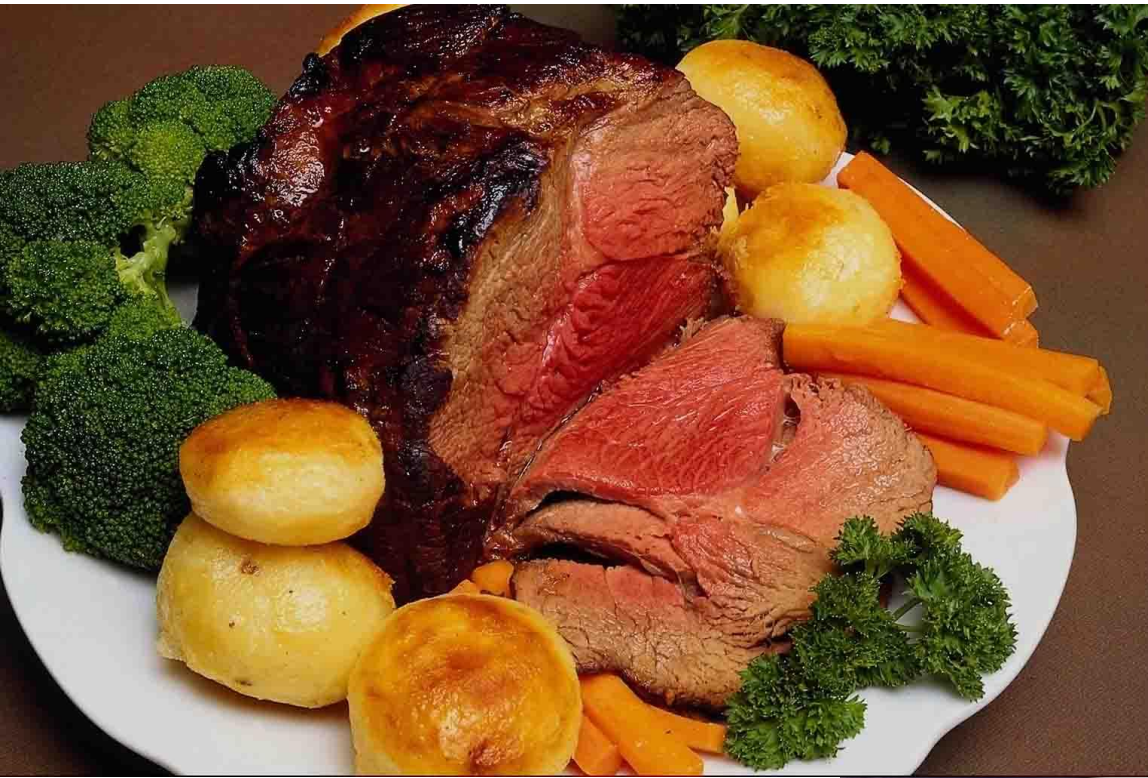
Did you figure it out?



Werner Sombart:



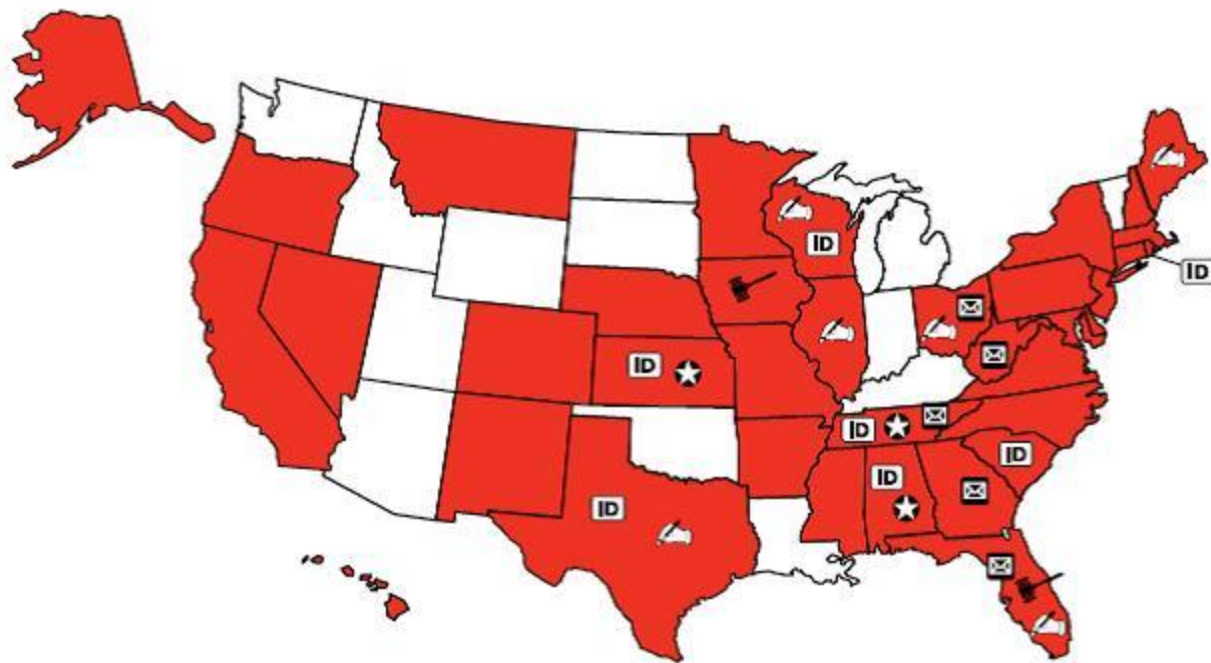
Socialism in the
United States
“foundered on the
shoals of roast beef
and apple pie.”











UNDERSTANDING *the*
AFFORDABLE
CARE ACT

Challenges to democracy:

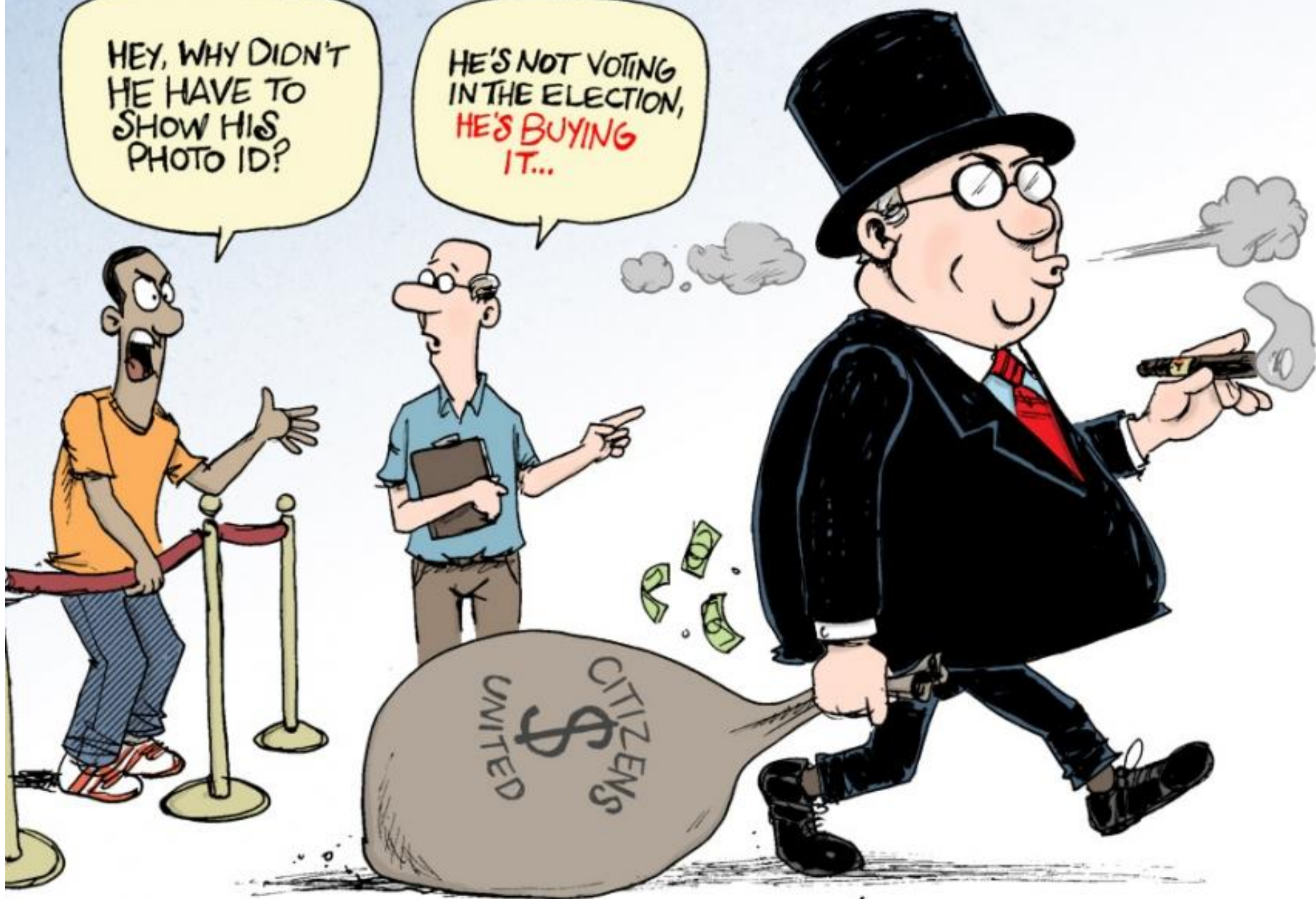


-  Legislation introduced
-  Photo ID requirements passed
-  Proof of citizenship passed
-  Restrictions on voter registration passed
-  Restrictions on early/absentee voting passed
-  Executive action making it harder to restore voting rights

State Action Minnesota, Sept 2012

HEY, WHY DIDN'T
HE HAVE TO
SHOW HIS
PHOTO ID?

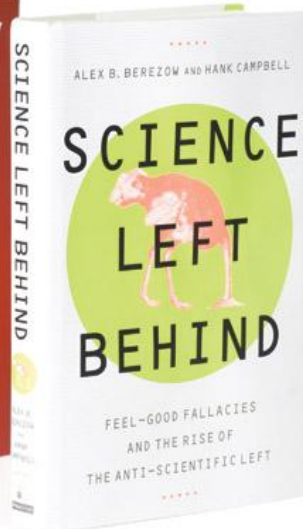
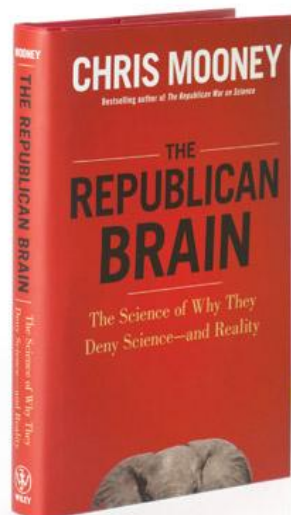
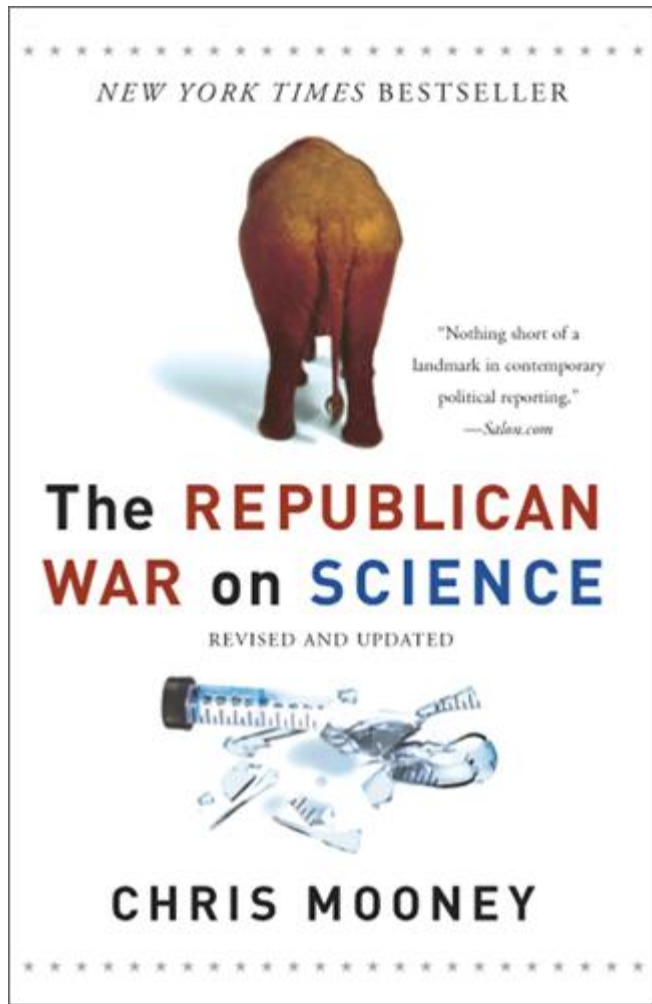
HE'S NOT VOTING
IN THE ELECTION,
HE'S BUYING
IT...

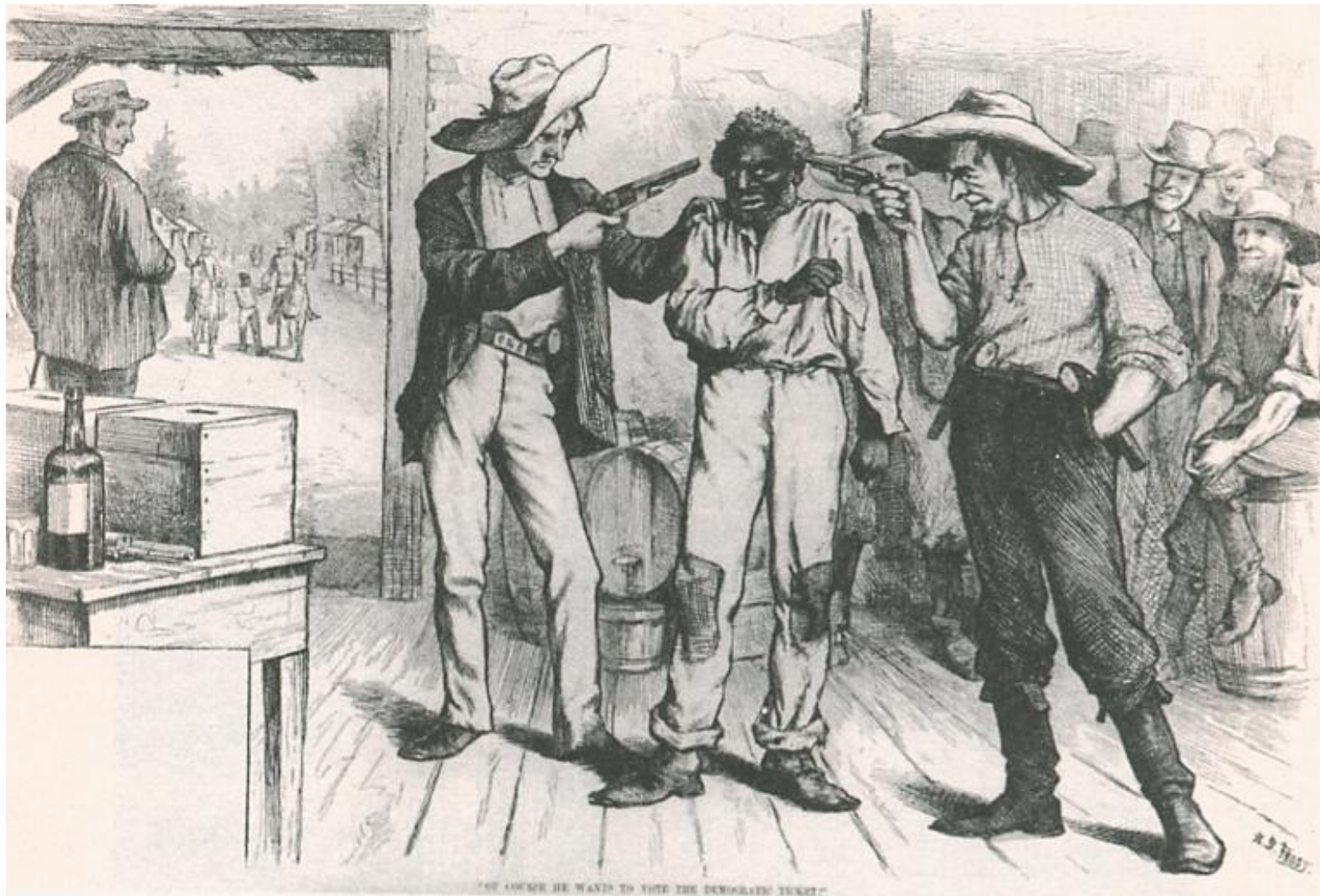


**EUREKA!! WE'VE GIVEN
PEOPLE'S CONSTITUTIONAL
RIGHTS TO CORPORATIONS.
LONG LIVE "CORPORATE
PERSONHOOD"!!**



Challenges for science:





Of Course He Wants to Vote the Democratic Ticket,
Harper's Weekly, October 21, 1876.



FROM
PUBLIC
UNDERSTANDING OF
SCIENCE
TO
PUBLIC ENGAGEMENT
WITH SCIENCE

National Citizens' Technology Forum

- March 2008,
- 74 citizens in 6 sites across US
- Pre- and post-test
- 61 pp background paper
- Mixed F2F and K2K
- \$500 payment after post-test
- Strong representative demographics
- Strong substantive learning
- Refined perspectives on human enhancement technologies
- No sign of affective and cognitive pathologies of small groups

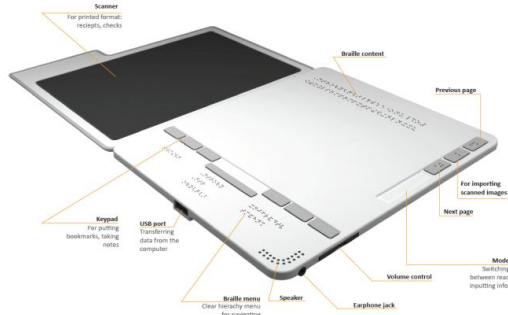


BOGSATT

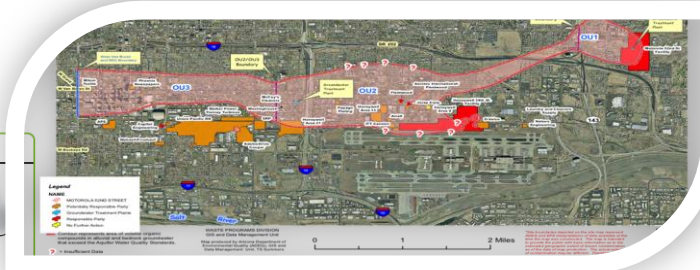
BOGSATT



Material Deliberation



User Experience Storyboard



INNOVATION SPACE



FINDING FUTURES



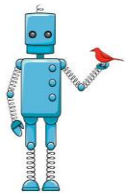
FutureScape City Tours

Phoenix, Edmonton, St. Paul, Springfield (MA), Portland (OR), Washington, DC



ECAST

Expert & Citizen Assessment of Science & Technology



scistarter.com

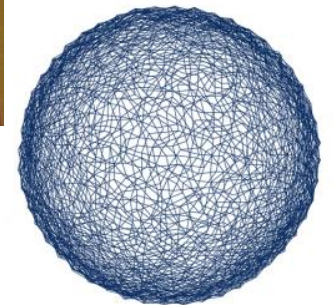


Woodrow Wilson
International Center
for Scholars



ECAST

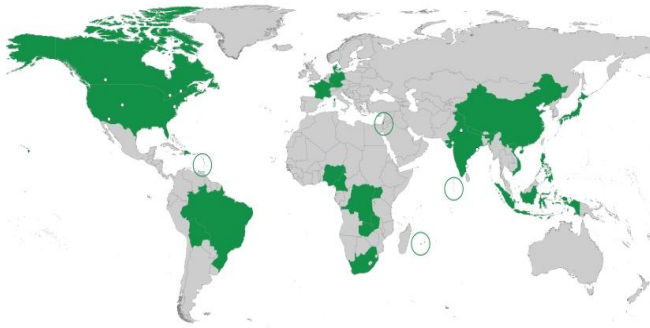
Expert & Citizen Assessment of Science & Technology



COP15
COPENHAGEN
UN CLIMATE CHANGE CONFERENCE 2009

ECAST

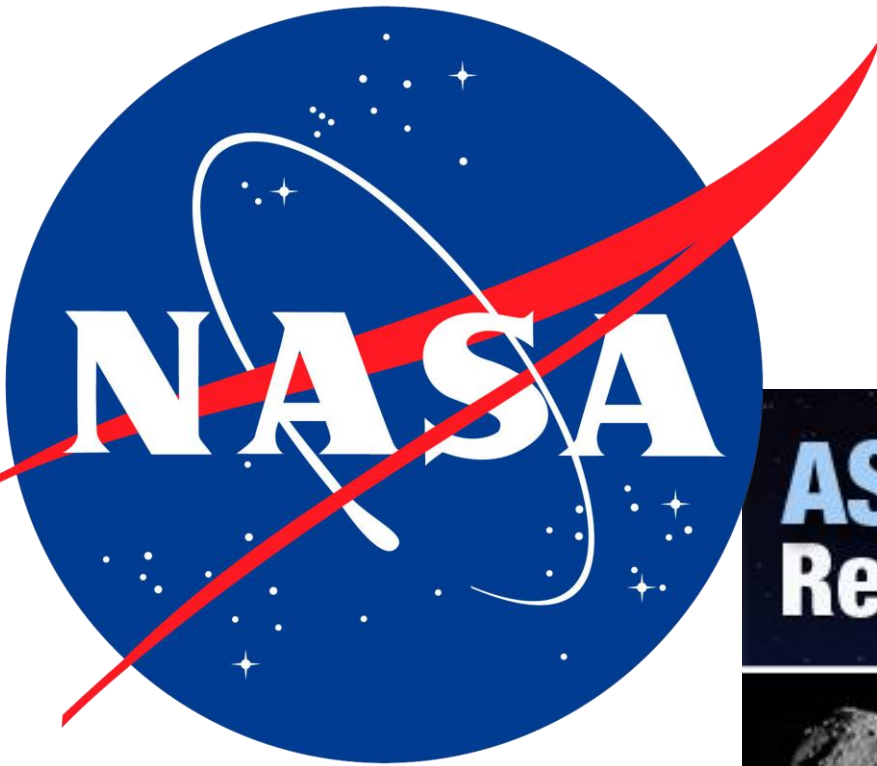
Expert & Citizen Assessment of Science & Technology



XI Conference of Parties
CONVENTION ON BIOLOGICAL DIVERSITY
HYDERABAD INDIA 2012

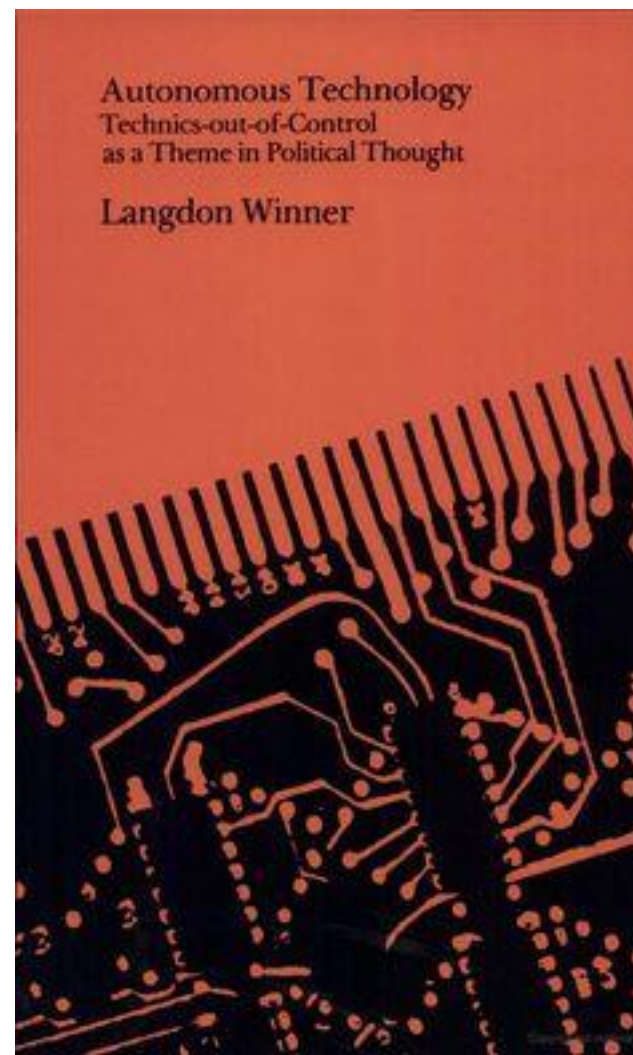
ECAST

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ASTEROIDinitiative Request for Information





“Nevertheless, public engagement activities can help fuel the revival of science conjoined with democracy because they enable a set of conversations about politics and science that keeps both relevant to citizens and their needs and values....They help create the social – if not the socialist – underpinnings for a more engaged public and a better placed science and technology.”

Source:

D.H. Guston. 2014. “Building the capacity for public engagement with science in the United States.” *Public Understanding of Science* 23:53-59.

(most of the material with the exception of ECAST details and what I know/learned about Canada)

Thank you!

- Heather, for the insistent invitation ;-)
- National Science Foundation cooperative agreement #0531194 and #0937591. Any opinions, findings and conclusions are those of the author and do not necessarily reflect the views of the National Science Foundation.

