



Impact of Social Sciences & Humanities

4-5 October 2018, Copenhagen

Tivoli Gardens

The Impact Agenda for Social Sciences & Humanities

AESIS

NETWORK FOR
ADVANCING & EVALUATING THE SOCIETAL IMPACT OF SCIENCE

novo
nordisk
fonden





Impact of Social Sciences & Humanities

4-5 October 2018, Copenhagen

The role of SSH in addressing the UN SDG's

Sverker Sörlin

*Co-founder of the KTH Environmental Humanities Laboratory, Royal Institute of
Technology, Sweden*



KTH Division of History of Science, Technology and Environment

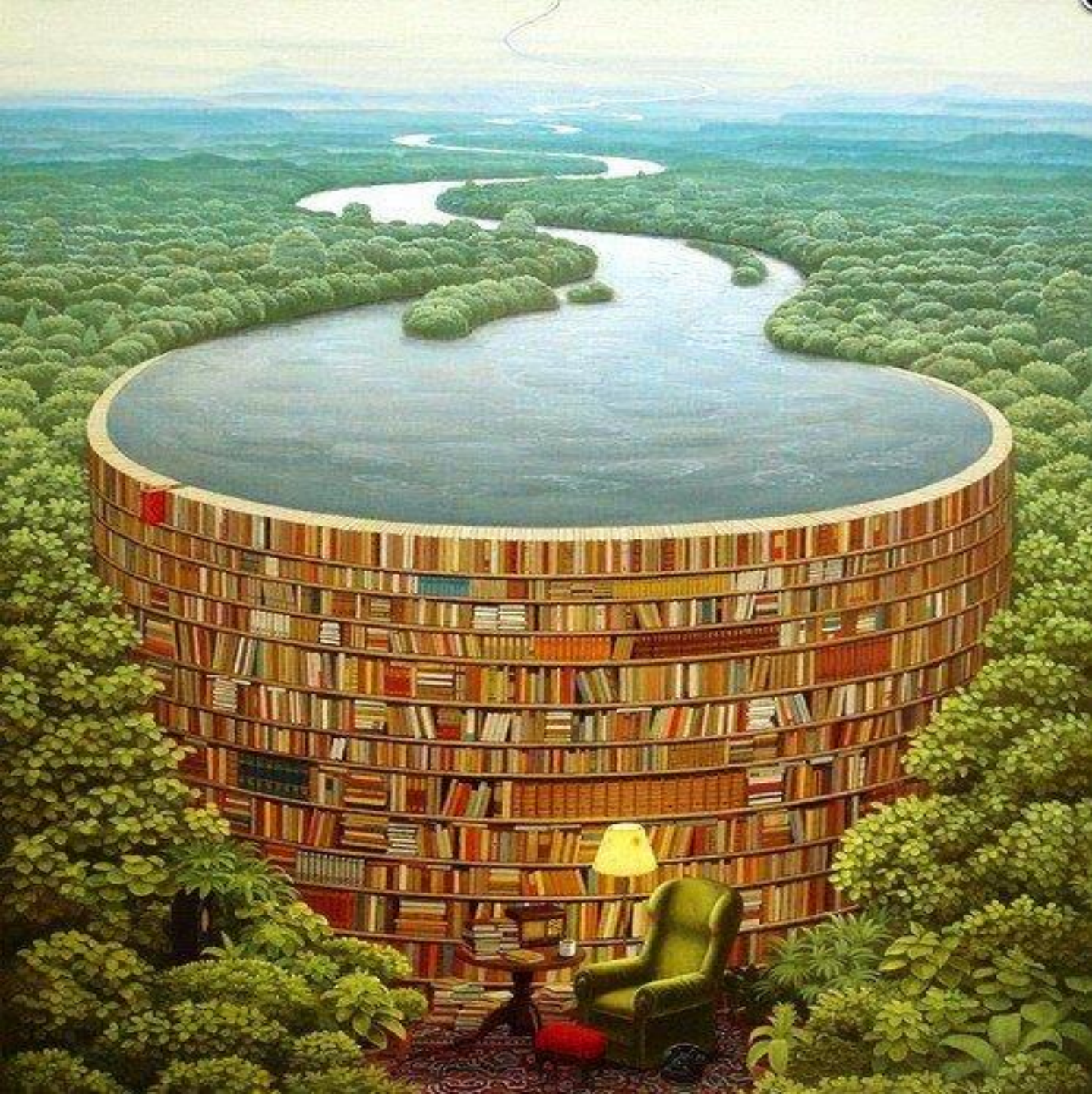
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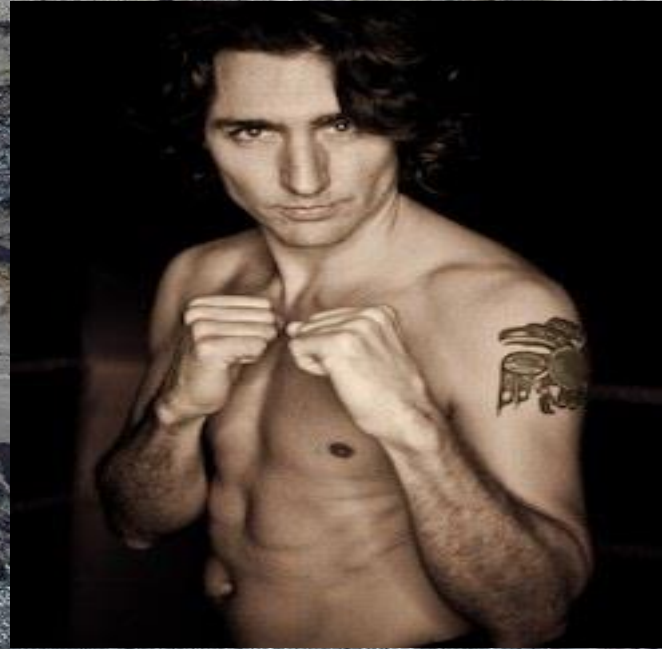
KTH Environmental Humanities Laboratory

Making Universities Matter (MUM)

– a Research Policy Platform







TIME

**GAY
MARRIAGE
ALREADY
WON.**

THE SUPREME COURT
HASN'T MADE UP
ITS MIND—BUT
AMERICA HAS

BY DAVID VON DREHLE

TIME

**GAY
MARRIAGE
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AMERICA HAS

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Knowledge interests?



Knowledge interests?



 **SUSTAINABLE DEVELOPMENT GOALS**



fighting poverty
safeguarding the environment
combatting climate change

Nations Unies
les Changements Climatiques
COP21/CMP11
Paris, France



**UNITED NATIONS
PARIS CLIMATE
AGREEMENT
SIGNING CEREMONY
— 22 APRIL 2016 —**



Challenge-motivated integrative knowledge



“To tackle our global challenges — from **water and food scarcity and climate change to digital learning, innovation, and human health** — we need ambitious new answers from science and engineering. But because these **challenges are rooted in culture, economics, and politics**, meaningful solutions must reflect the wisdom of these domains too.”

— MIT President Rafael Reif 2016

Give everyone the power to share
anything with anyone.



Group Says Computer Scientists Need To Remove "Rose-Colored Glasses"

Future of Computing Academy Advocates More Consideration of Tech's Negative Impacts

Byron Spice // Thursday, March 29, 2018 // 🖨️

Computer scientists too often view their work through rose-colored glasses and must give greater consideration to technology's potential negative impact when they publish their findings, says a new group that hopes to chart the future for computing professionals.

[A blog post](#) today by the Association for Computing Machinery's [Future of Computing Academy](#) (FCA) suggests that the peer-review process for research



CMU AI
Creating new frontiers

[Find out more](#)

Upcoming Events

Wednesday, April 4, 2018 - 9:30am

Robotics Ph.D. Thesis Defense

P. MICHAEL FURLONG
3305
Newell-Simon Hall

Wednesday, April 4, 2018 - 10:00am

SCS Faculty Candidate

RAVI NETRAVALI



Humaniora i Norge

Kunnskapsdepartementet

KULTURDEBATT // Påtroppende prorektor ved UiB, Margareth Hagen, mener næringslivet trenger humanister. Religionsviter Knut Melvær derimot, synes humanistene bryr seg mindre om næringslivet og mere om egen kompetanse.

Humaniora forblir først og fremst viktigst for seg selv

HØYERE UTDANNING

KNUT MELVÆR
Senior interaksjonsdesigner, Netlife Research Bergen, og ph.d.-student, UiB

ET INNLEGG i Bergens Tidende (23.04.2017) hevder dekan ved Det humanistiske fakultet og påtroppende prorektor ved Universitetet i Bergen, Margareth Hagen, at næringslivet trenger humanister. Spørsmålet om humaniorafagenes relevans har vært på manges lepper spesielt det siste året, mens stortingsmeldingen om humaniora er blitt utarbeidet.

Det er prisverdig at Hagen slår et slag seg dessverre inn som nok et eksempel på at humanister er flinke til å vise til egen

kompetanse, uten å bli veldig konkret på hva den egentlig består av og hvordan den kan brukes.

MIN HYPOTESE ER at de få som ved Det humanistiske fakultet orker å ta på seg et verv og styrer de strategiske prosessene, egentlig ikke bryr seg så mye om relasjoner med næringslivet og livet utenfor studiepoengene- og tellekantsystemet. Det sporer vi i hvordan mange humanister, her Hagen inkludert, velger å gå inn i problemstillingen på.

Bakteppet viser seg oftere som et forsøk på å verne og rettferdiggjøre små fags eksistens og sikre den såkalte grunnbevilgningen.

Det er studiepoengenes og budsjetttårets rasjonalitet som styrer diskursen om humanioras relevans, ikke den nysgjerrige søken og iboende trangen til kontakt med næringslivet.

TA FOR EKSEMPEL forskerutdanningen. Selv om karrieremotivasjonene nok for de fleste er å bli forsker, og kanskje helst ved den institusjonen hvor man føler mest tilhørighet, vet vi at vi utdanner flere doktorgrader enn vi har faste akademiske stillinger til. Tar du doktorgrad i et humaniorafag, må du derfor belage deg på å gå ut i arbeidslivet utenfor vitenskapen.

Også derfor ble Det humanistiske fakultet ved UiB for en del år siden pålagt å tilby fem studiepoengsfag i «overførbare ferdigheter» i forskerutdanningen, hvor undertegnende satt i en arbeidsgruppe sammen med blant annet Hagen. Jeg og stipendiatutvalget ved Det humanistiske fakultet (STIP-HF), skisserte flere forslag, alt fra lederkurs og teknologi til miljøsertifiseringskurs med god gehør i stipendiatgruppen.

Ingen av disse innspillene ble tatt videre, og de påfølgende årene har HF tilbudt kurs i engelsk for publisering i tidsskrift, bibliotekurs og universitetspedagogikk. Kun sistnevnte kan med hånden på hjertet sies å være noenlunde relevant for arbeidslivet, men burde vært en obligatorisk del for alle som har undervisningsplikt i sin stipendiatperiode.

HF KAN SKILTE MED laveregradsnetmet Praktisk informasjonsarbeid, som tar inn et begrenset antall studenter hvert semester og kan anses som svært vellykket – det ble også hedret med universitetets egen pris for utdanningskvalitet. Emnet er en god modell for hvordan kontakt med næringslivet kan stimuleres, men forblir et tilbud for de få.

En dag i året inviteres også Vestlandets lærere til Høyden for en rekke forelesninger, som, for å være ærlig, ikke virker å ha veldig høy status internt på HF. Men dette er også omtrent de eneste eksemplene på at HF strekker hånden ut og inviterer inn, utover det nettverket som enkelte forskermiljø har etablert.

Utover at humanister stort sett er flinke på formidling, klarer jeg ikke å finne flere gode eksempler hvor næringslivet og HF kobles for å skape mulige forskningssamarbeid eller bane vei for unge lovende humanister inn i arbeidslivet. Potensialet virker enormt, som det heter på pent.

FOR EN HUMANIST som nå har jobbet som

konsulent i mange forskjellige sjer (alt fra shipping, bredbånd, musikkindustri til digitale) kan jeg garantere én ting: vi lang unna hvor man i styrerommesgrupper strategisk bestemte rekruttere humanister. Til og med tilbyr tjenester innenfor digital design, møter utfordringer med konservative holdninger til om kunnskapsbaserte metoder.

Denne holdningen vil ikke seg med nok en kronikk i BT, setter at det settes penger, tid og konkrete tiltak som: 1) gjør det kandidater å demonstrere kompetanse i arbeidsmarkedet, 2) gjør det for arbeidsgivere å få en smakebit humanister kan tilby, 3) skape arena hvor næringslivet og humanister kan danne en felles samtale, humanioramiljø også tar inn utviklinger i arbeidsmetoder måter i arbeidslivet.

Det er studiepoengenes budsjettårets rasjonalitet som styrer diskursen om humanioras relevans.

JEG HAR I KRAFT AV å være en religiøs som nå jobber med alt fra J innholdsrådgivning til rådgivning strategiske teknologivalg, sett ut reell plass og et behov for den kompetansen man kan tilegne seg gjennom et studieoppløp innenfor et hvilket som helst humaniorafag krever at man leser seg fra til at relevans skapes gjennom det man velger å bruke sine stadige kritiske, tekniske og analytiske til. Det krever også en smule se en del nysgjerrighet. Dette er en student ved HF må dyrke seg ut å skape kontaktflater, muligheter og ventninger er derimot noe studenter kan bidra med.

MIN UTFORDRING til avtroppende påtroppende prorektor er derfor: 1) Hvilke konkrete tiltak kan faktisk iverksettes for å sette bedre kontakt mellom Det humanistiske fakultet og næringslivet? og suksesskriteriene og når kan det lykkes?

The Climate Policy Council



- **Sweden's Climate policy framework and its context in EU and UN**

GLOBEGOV – A History of Global Environmental Governance (ERC 2018-2023)

Maurice Strong, Secr. Gen.
Ingemund Bengtsson, President

SMIC – Study of Man's Impact on
Climate, conference 1971



TRANSFORMATIONS TO SUSTAINABILITY

- Transformative Knowledge Networks
- ACKnowl-EJ
- T-Learning

PATHWAYS

- Calls for Proposals
- Glossary of Terms
- FAQ
- 1st Transformative Knowledge Workshop
- 2nd Transformative Knowledge Workshop
- Seed Grants
- Governance and Management
 - <http://www.worldsocialscience.org/activities/transformations/>

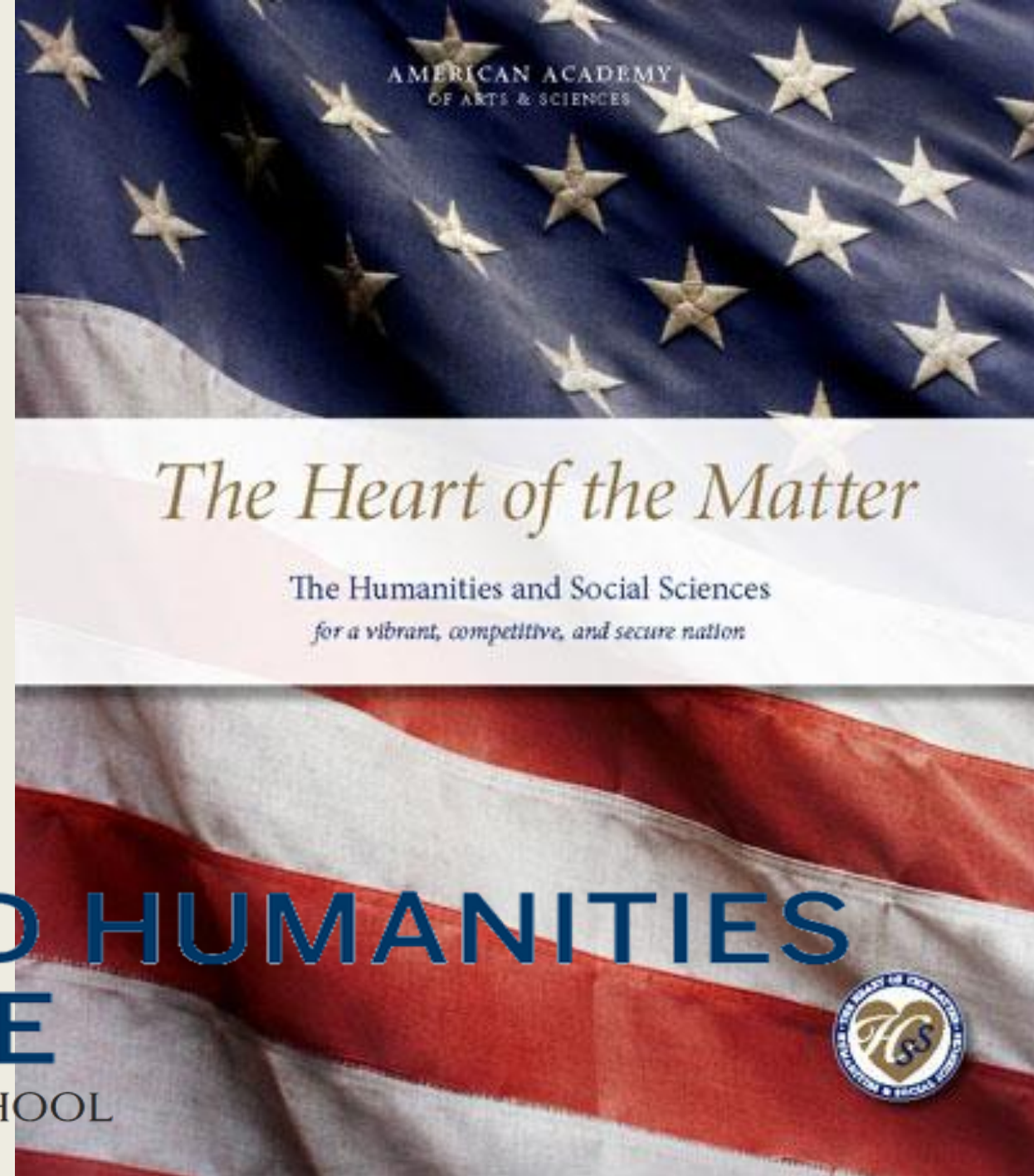
PATHWAYS

TRANSFORMATIVE PATHWAYS TO SUSTAINABILITY: LEARNING ACROSS DISCIPLINES, CONTEXTS AND CULTURES (PATHWAYS)



The Sustainable Development Goals (SDGs) set broad aims for transforming towards sustainability, but putting these aims into practice will require constructing concrete pathways of change. This means combining social, technological and institutional change in ways that bridge global demands and local realities and challenge dominant knowledge, practices and power relations, at the same

Concerned reports – but also a large number of exciting initiatives



ARTS AND HUMANITIES
INITIATIVE
HARVARD MEDICAL SCHOOL



FUTURE HUMANITIES

TRANSFORMING GRADUATE STUDIES FOR THE FUTURE OF CANADA

Future Humanities is a SSHRC-funded initiative to transform graduate studies in Canada and engage in global discussions on humanities education and training. Founded by Prof. Paul Yachnin and Prof. Leigh Yetter through McGill University's In

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Virtual Issue: Measuring the Impact of Arts and Humanities Research in Europe

In recent years, the concept of ‘impact’, or the wider value of research for society, has climbed to the top of national and EU science policy agendas. Yet the way impact has been imagined often relates to concepts of value, and traditional measurements of impact, which emphasise cost–benefit analyses and the economic value of research, which are poorly suited to arts and humanities research (AHR). This virtual issue of *Research Evaluation* reflects distinct EU and national debates and characteristics important for exploring the societal value of AHR. These examples are useful for understanding AHR, and also the societal value of research in general.

In total, the articles reveal the importance of understanding the impact and the public value of AHR in local contexts, the need to provide viable alternatives to ‘one–size fits all’ measures drawn from the natural and physical sciences (most notably new, qualitative approaches to research evaluation), not to shirk from complexity, to augment economic impacts with social and cultural impacts, the importance of a long–term vision of research impact, and the essential role of arts and humanities scholarship in providing a critique of, and antidote to, orthodox practice.

All articles in this virtual issue are freely available to download, read, and enjoy.

[Arts and humanities research, redefining public benefit, and research prioritization in Ireland](#)

Explore
the collection
of highly cited articles

LATEST IMPACT
FACTOR: **2.449**

Latest | **Most Read** | **Most Cited**

The impact of academic events—A literature review

Making a difference in the real world? A meta-analysis of the quality of use-oriented research using the Research Quality Plus approach

Defining typologies of universities through a DEA-MDS analysis: An institutional characterization for formative evaluation purposes

Formative, embedded evaluation to strengthen interdisciplinary team science: Results of a



International Panel on Social Progress

Rethinking Society for the 21st Century

[Download Information](#)



What is needed for action-oriented transformation research?



Is the glass half full – or half empty?

“In areas like the environment, purely technical solutions are not going to work sustainably. **We need social transformation ... and there the humanities can play a very important role** in re-imagining our futures”.

John Crowley, chief of research, policy and foresight in the UNESCO sector for Social and Human Science (2017)

Three cornerstone ideas for a new narrative

- 1) The Anthropocene *Weltanschauung*
- 2) The Second Great Transformation
- 3) Widening domains of expertise

1) The Anthropocene *Weltanschauung*

"Jason W. Moore's scope is vast, and few could pull off so ambitious an analytical achievement... There's enough scholarship, wit and insight... for a lifetime."
—RAY PARRY, author of *Laughed and Starved*



ANTHROPOCENE *or* CAPITALOCENE?

Nature, History, and the Crisis of Capitalism

CONTRIBUTORS INCLUDE

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DONNA J. HARAWAY | ELI MAR ALTFATER
AND DANIEL HARTLEY

EDITED BY
JASON W. MOORE

"Crisp, eloquent, and deeply informed."
—MIKE DAVIS, author of *Planet of Shells*

facing the anthropocene

fossil capitalism and
the crisis of the earth system

Ian Angus

foreword by John Bellamy Foster



AN EMERGING PARADIGM

ECOLOGICAL/ECONOMICS FOR THE
ANTHROPOCENE

Peter G. Brown and Peter J. Tappin, eds.

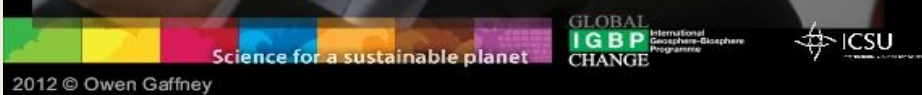
Planetary Boundaries

2000. IGBP Scientific Committee meeting, Cuernavaca, Mexico

“Stop using the word Holocene.
We’re not in the Holocene any
more. We’re in the...the...”

...ANTHROPOCENE”

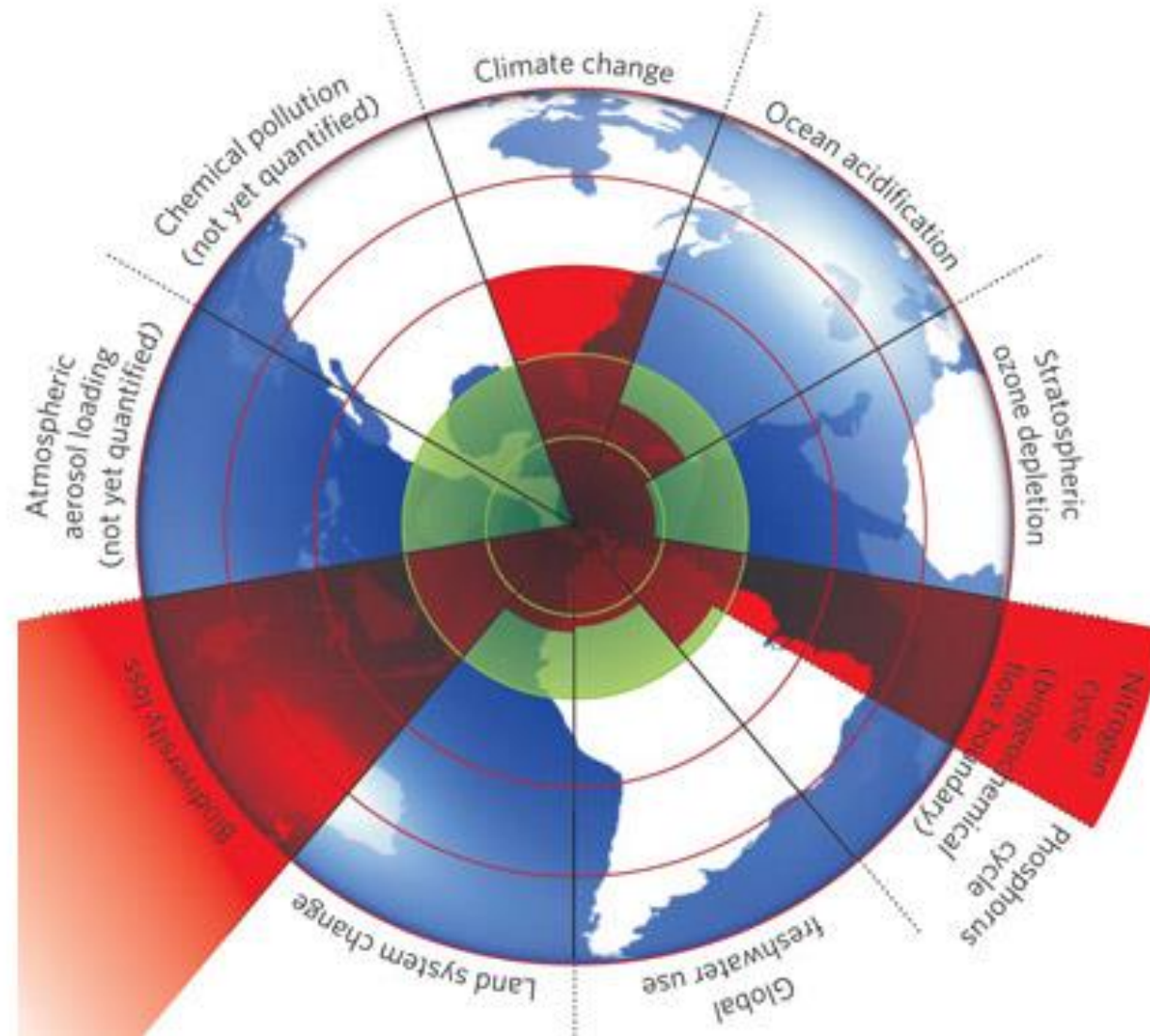
“It was quiet in the room for a while.”



2012 © Owen Gaffney



Stockholm Resilience Centre
Sustainability Science for Biosphere Stewardship



nature

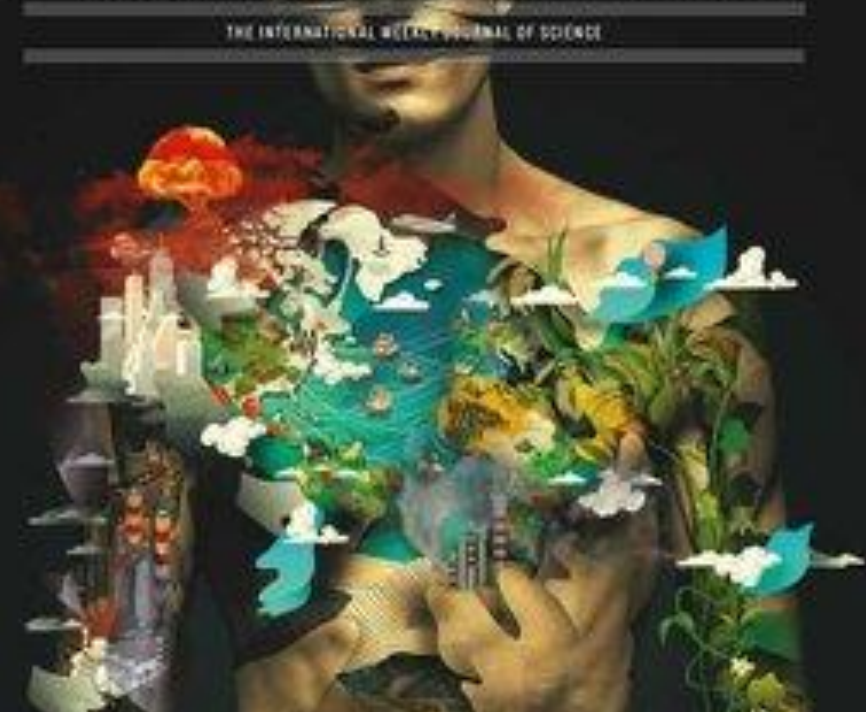
THE INTERNATIONAL WEEKLY JOURNAL OF SCIENCE

THE ANTHROPOCENE

The Anthropocene defines Earth's most recent geologic time period as being human-influenced, or anthropogenic, based on overwhelming global evidence that atmospheric, geologic, hydrologic, biospheric and other earth system processes are now altered by humans.

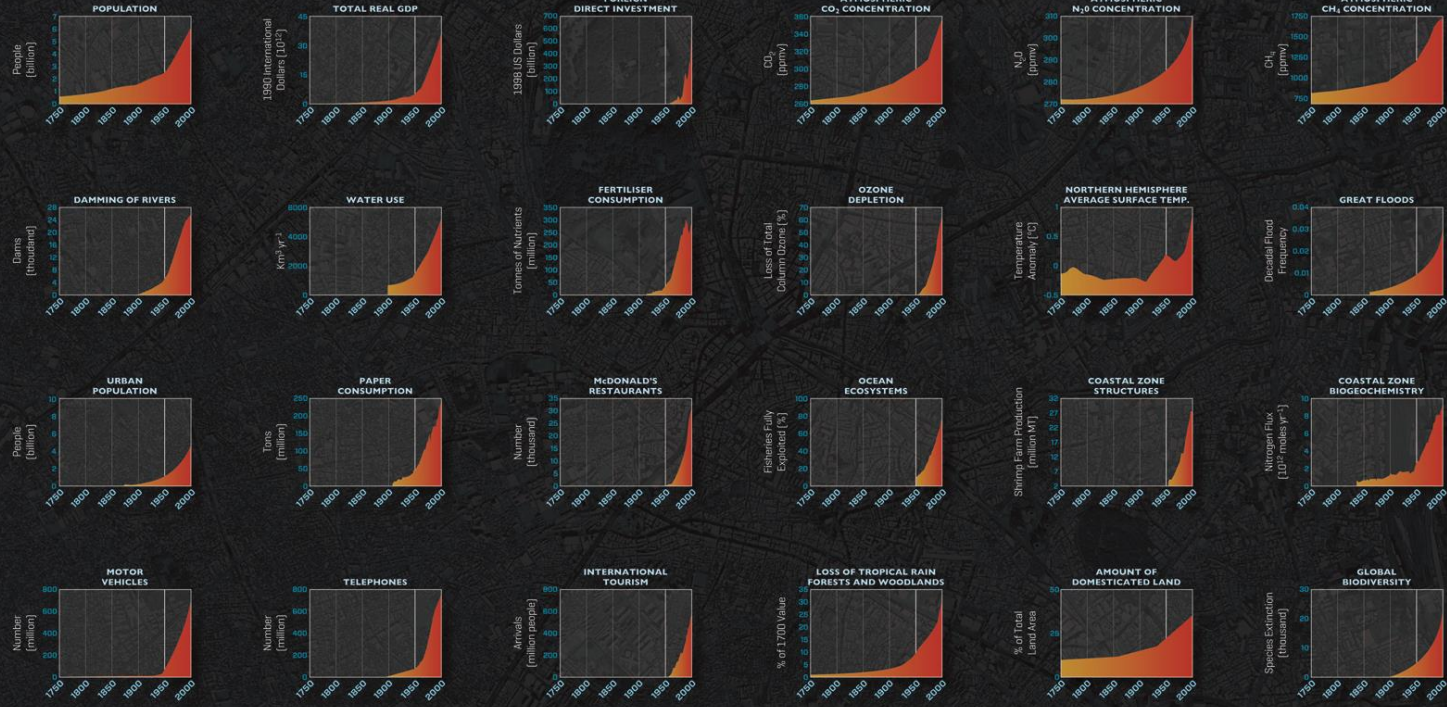
The line corresponding to 1950 highlights the **Great Acceleration**, the post-World War II worldwide industrialization, techno-scientific development, nuclear arms race, population explosion and rapid economic growth.

These graphs were compiled in a publication of the **International Geosphere-Biosphere Programme (IGBP)**.



THE HUMAN EPOCH

Defining the Anthropocene PAGES 144 & 171



SOURCE: igbp.net | Steffen et al., 2005, Global Change and the Earth System, Springer, pp. 132-133
DESIGN: Global6.org

CONFLICT RESOLUTION

BUILDING BRIDGES

Long-standing disputes can be found — in theory

PAGE 148

LINGUISTICS

SCIENTIFICALLY SPEAKING

How English became the academic lingua franca

PAGE 154

RISK MANAGEMENT

TAKING IT PERSONALLY

Model the growing interconnectivity of risk

PAGE 161

ONLINE.COM/NATURE

0950-4245(2011)436

1711-1712



An aerial photograph of a massive industrial site, likely a coal processing or mining operation. The landscape is dominated by dark, excavated earth, a complex network of dirt roads, and several large, irregularly shaped ponds of water. The water in the ponds has a yellowish-green hue, suggesting the presence of heavy metals or other pollutants. In the background, some industrial buildings and structures are visible, along with a line of trees. The overall scene depicts a significant and potentially environmentally damaging human intervention in the natural world.

“[We are] powerless to do it [God’s Creation] any titanic physical damage.”

Robert Millikan, NL
Alleged Sins of Science (1930)



IGY 1957/58: monitoring the planet

Global oceans, atmosphere: CFC/ozone hole, CO₂, methane

Climate science and models (Edwards 2010)

Resource dependencies: energy, minerals (*Limits to Growth* 1972)

Nuclear planet: age of fallout (Masco 2010).

Teleconnections – earth systems interdependencies

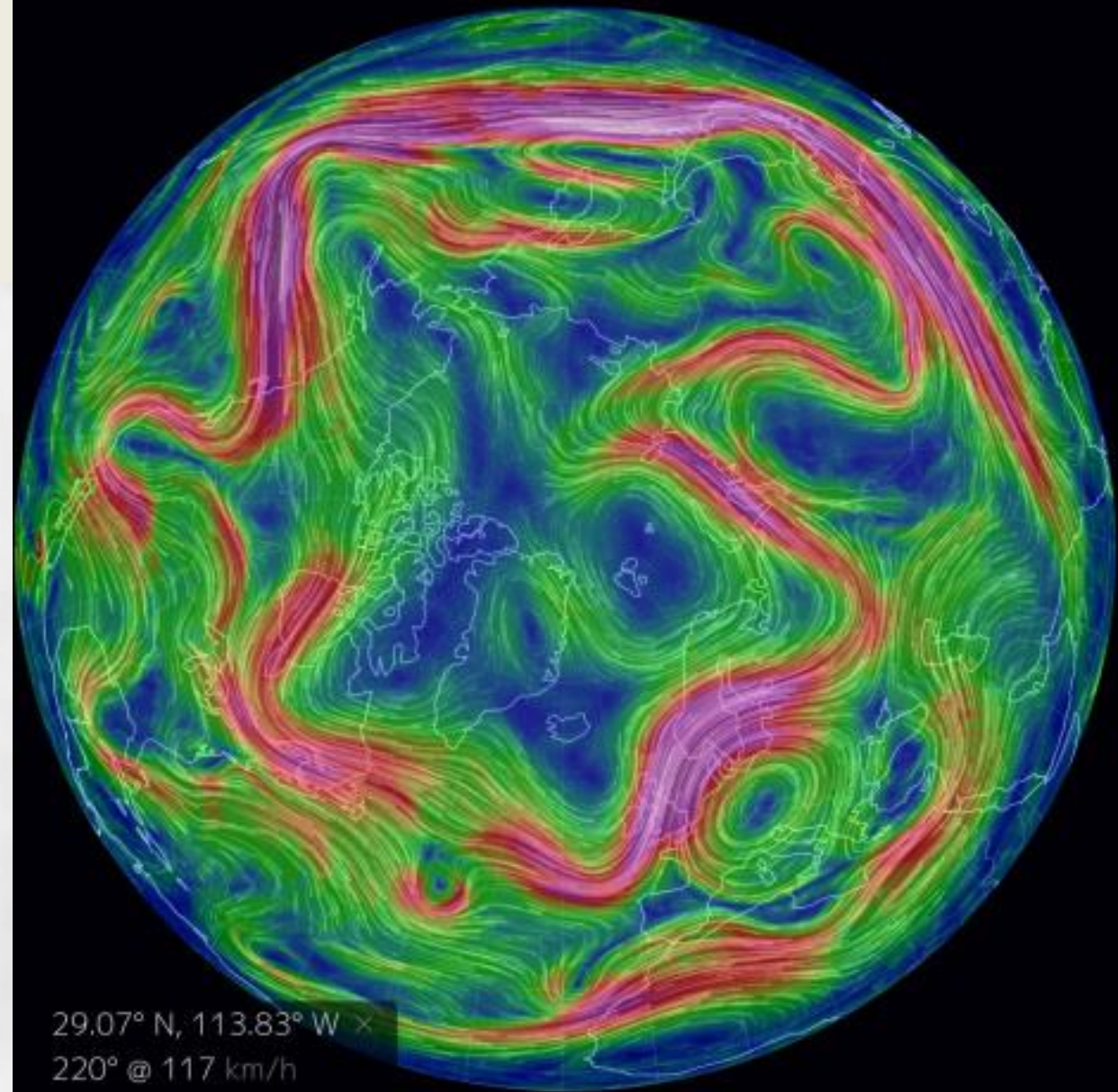
Below: Fallout from 'Mike' and 'Bravo' explosions 1951-53
as analyzed by **Machta, List, and Hubert (1956)**



Fig. 2. Early history of the Mike cloud. The figures indicate the number of days between detonation and the first ground observation of fission products.



Fig. 3. Early history of the Bravo cloud. The figures indicate the number of days between detonation and the first ground observation of fission products.



29.07° N, 113.83° W ×
220° @ 117 km/h

earth

× prints

Scientists and scholars – Storytellers of the New *Weltanschauung*

The Method:

- Applications of **temporal and spatial scaling**
- Homogenization of humanity to ‘species’
- Issues from **planetary and humanity** levels = Anthropocene history
- **Climate narratives**
- Locating history within soft constraints framework (**‘planetary boundaries’**)

Antecedents:

Huntington 1907, 1915

Vernadsky 1926

Lovelock 1976

Science qua history : inbuilt predictive tendencies that easily turn into determinism.

The Actors:

- **Earth systems science** community, 1980s--
- **IHOPE** initiative 2003: Integrated History and Future of People on Earth, <http://ihopenet.org>



Multiple genres:

- **Reports** on ‘fate of earth’ (IPCC, IEA)
- **Science syntheses** (Flannery 2004, Kolbert 2014, Latour 2017)
- **Big History** (Crosby 1986, Christian 2004, Chakrabarty 2009)
- **Popular culture imaginaries** (*Day After Tomorrow*, *Avatar*, Al Gore)



SCIENCE AND THE STEM
CLASSROOM
LOOKS AT
CLIMATE CHANGE
AND THE
ANTHROPOCENE

2) The New Great Transformation



ORIGINS OF OUR TIME

THE GREAT
TRANSFORMATION

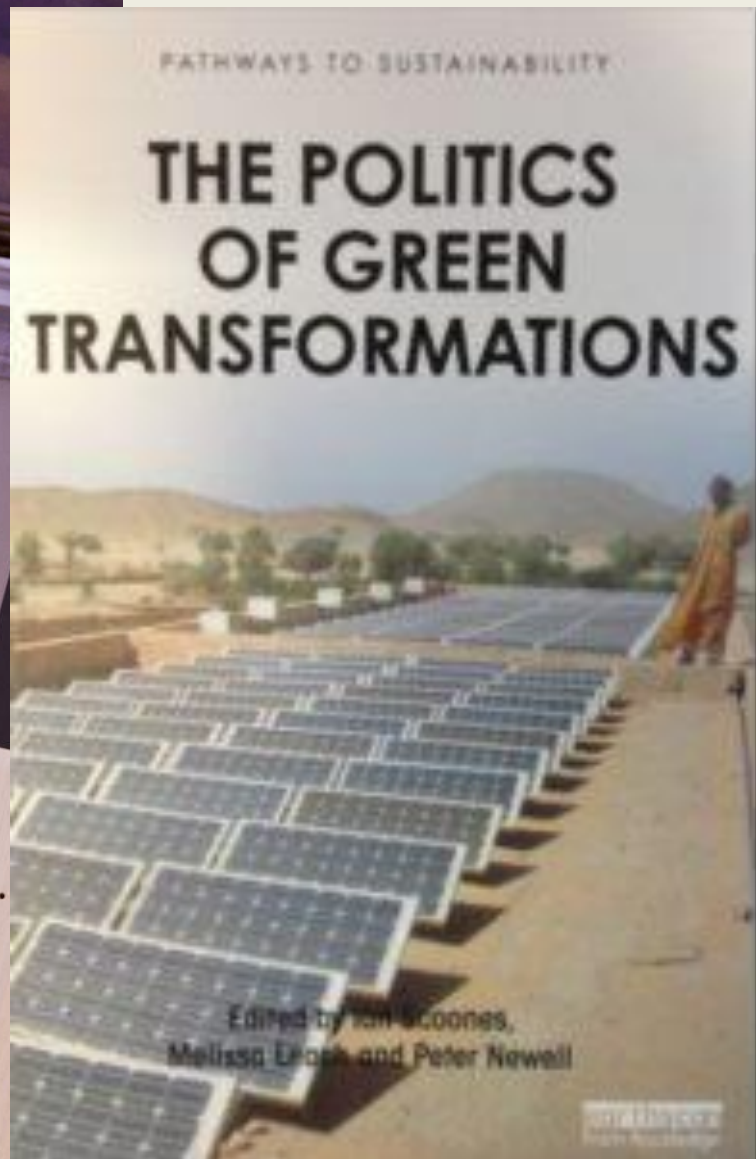
by

Dr. KARL POLANYI

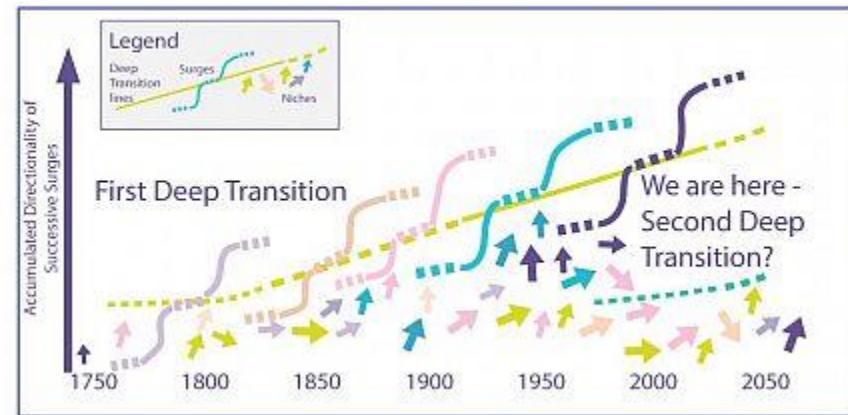
"Here is a book that makes most books in its field seem obsolete or outworn. So rare an event is a portent of the times. Here, at a crucial hour, is a fresh comprehension of the form and the meaning of human affairs. Mr. Polanyi does not profess to be writing history—he is rewriting it. He is not bringing a candle-light into one of its dark corners, nor is he plausibly making it the public scripture of his private faith; instead, with insight as well as with knowledge, he is shedding a new illumination on the processes and revolutions of a whole age of unexampled change."

From Professor MacIver's Foreword.

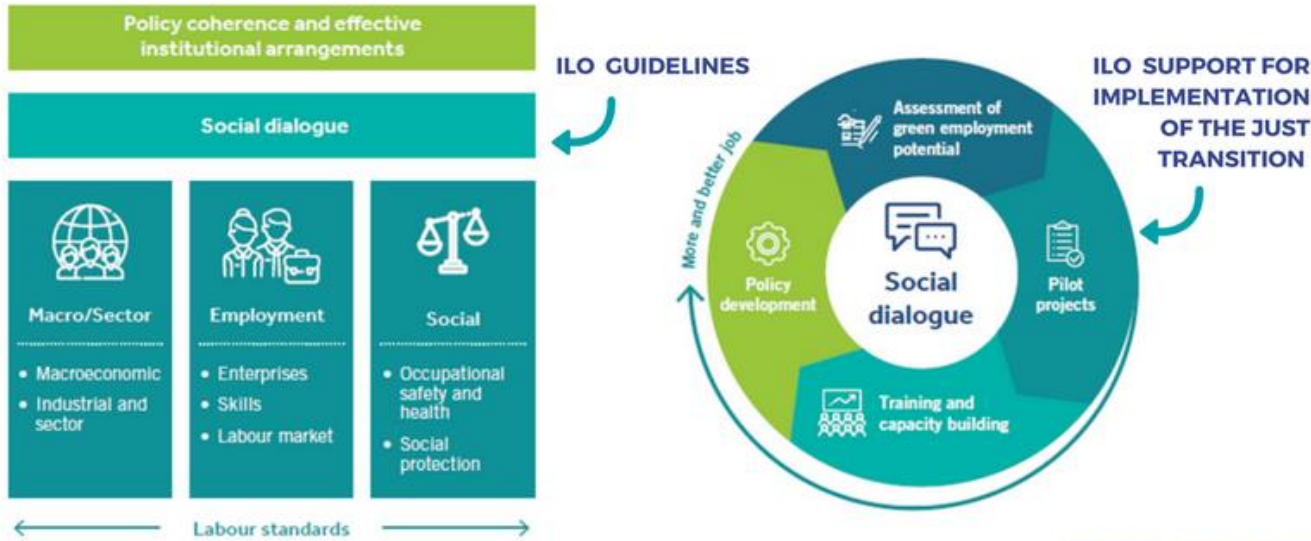




Long term continuity in Deep Transition Dynamics

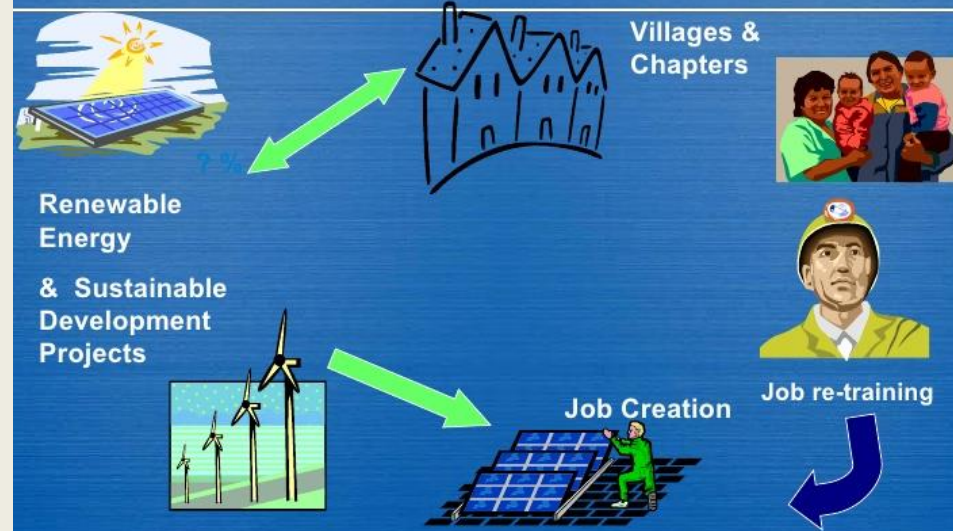


JUST TRANSITION TOWARDS ENVIRONMENTALLY SUSTAINABLE ECONOMIES & SOCIETIES FOR ALL



#COP23 bit.ly/ILOCOP23

Just Transition



Research and innovation policy regimes

- Security/War/Cold War logic:
1940-1960
- Logic of linear model 1960-
1985
- 'Neoliberal', 'globalization'
competitiveness logic 1985-
2008
- **Super-complexity logic 2008-**

Knowledge environments will speak directly to responsible directionality

- 1) Assuming a profound shift in the forms of knowledge production is realistic**
- 2) There will be a need for institutional carriers of new research and educational agendas.**
- 3) These will not look the same in the 21st century as they did in the 20th.**
- 4) There will be a shift from knowledge organization to knowledge environment.**

3) Widening domains of expertise – and
the rise of integrative & transformative
humanities

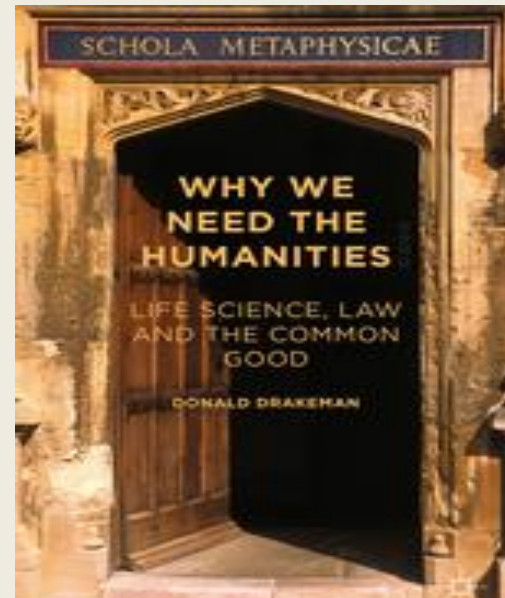
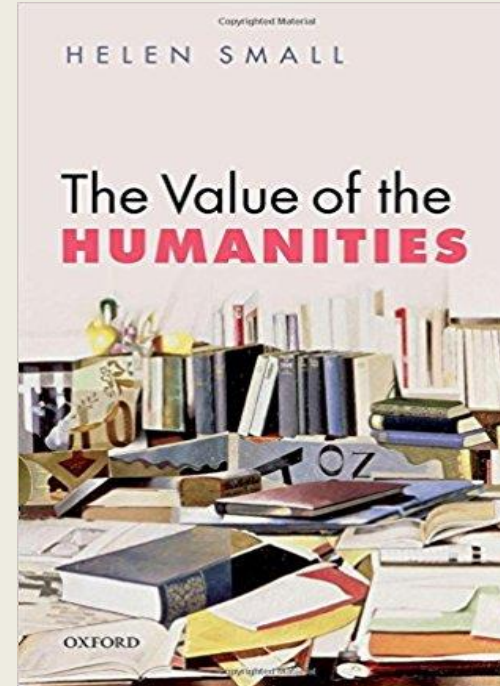
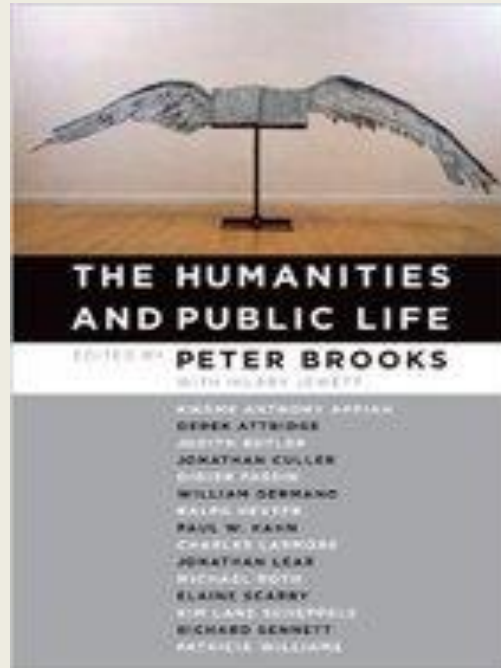
OXFORD

A NEW HISTORY OF THE HUMANITIES

Rens Bod



New interest in the humanities – about values



'An intellectual field'?

“A broader and more general social unit of knowledge production and co-ordination is the intellectual field. These fields are conceived here as relatively well - **bounded and distinct social organizations which control and direct the conduct of research on particular topics in different ways through the ability of their leaders to allocate rewards according to the merits of intellectual contributions.**”

R. Whitley 2000



Summary of "Sonorous Sublimes"



Conference: Counting the Cost of Drinks in Britain



Blog: The Importance of Listening



Video: Richard Haas on World Order

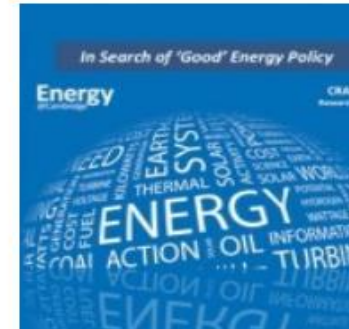


First look at our 2015/16 conferences

Latest Updates Applications now being taken Becoming a Research Leader Programme



Upcoming Events



HISTORIC PARTNERSHIP

WE TEAM UP WITH THE NATIONAL TRUST TO BRING
HERITAGE AND HIGHER EDUCATION TOGETHER



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NEWS, EVENTS AND BLOG

Oxford Open Doors

Visit the old Radcliffe Infirmary, Oxford's
first hospital, on 12 September



Celebrating 500 Years of Pregnancy and Birth

Partnership

TORCH | The Oxford Research Centre in the Humanities

TORCH is a University of Oxford initiative that seeks to stimulate and support interdisciplinary research



NETWORKS



PROGRAMMES

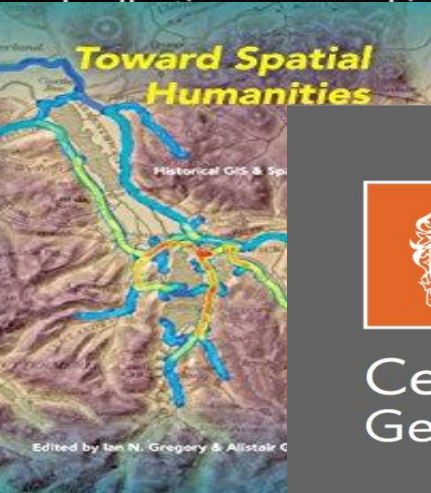


Emerging integrative/transformative humanities

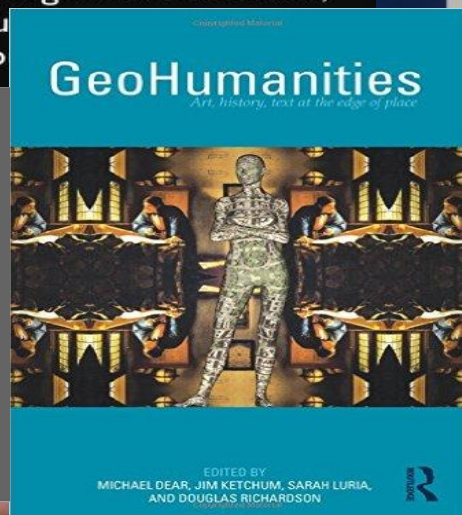
- 'Turns': linguistic, cultural, spatial, affective, performative, material...
- Building new research environments for humanities
- **So far though: few interesting major integrative environments for teaching, research, societal interaction in humanities**

The Digital Humanities

The DIGITAL HUMANITIES is as much about reading humanities texts with digital tools as it is about using human tools to read digital texts. At the center of the digital humanities should be an emphasis on individual... which means advocating for marginalized teachers, ... is how DH can and should be cutting, and hype cycles, b... diverse voices



Centre for the GeoHumanities

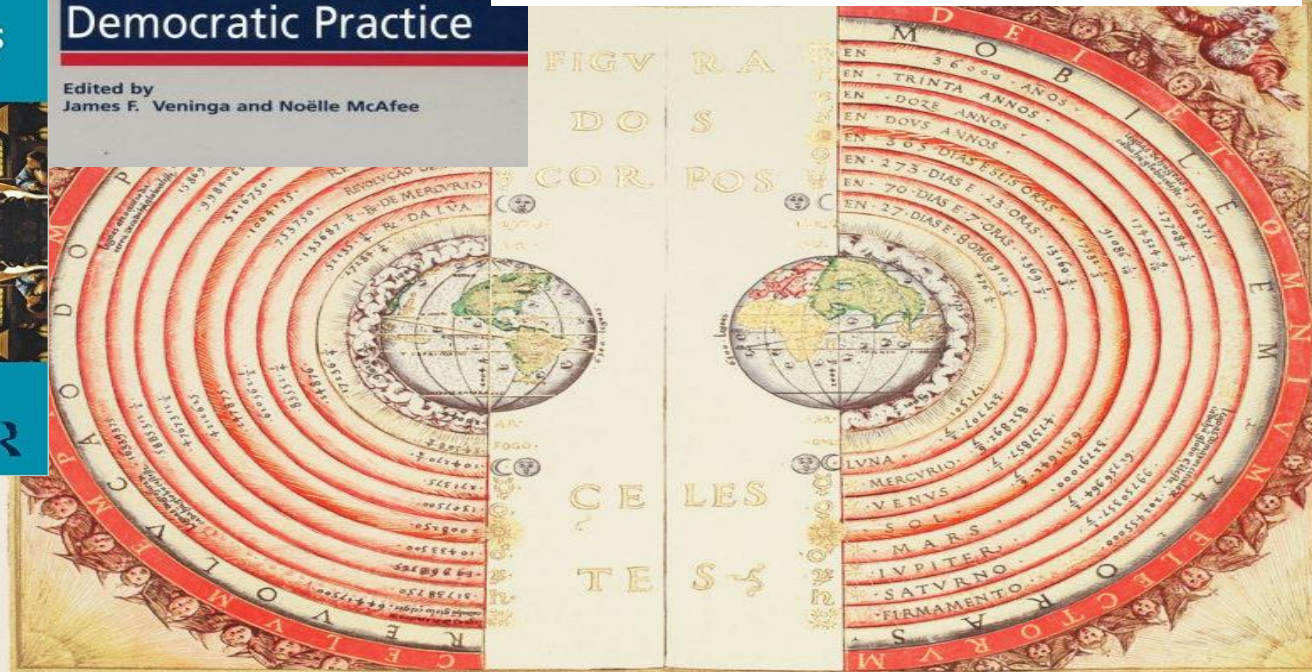


Standing with the Public

The Humanities and Democratic Practice

Edited by James F. Veninga and Noëlle McAfee

Humanities + Health Sciences
<http://obermann.uiowa.edu/programs/working-symposia/health-humanities-building-future-research-and-teaching>



New Grant Opportunity

PUBLIC HUMANITIES PROJECTS

APPLY BY 08/10/2016



50th Anniversary of the National Endowment for the Humanities | neh.gov

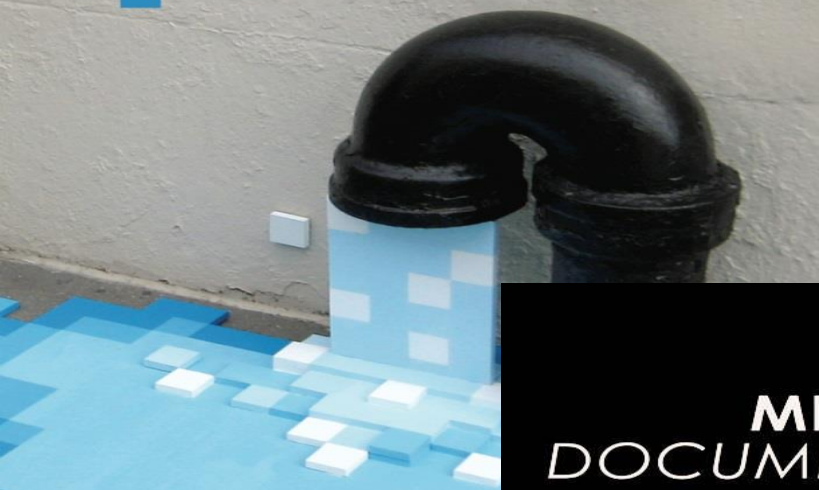
John Nicholas Brown
Center for Public Humanities and Cultural Heritage

Education, research, and public engagement initiatives to connect individuals and communities to art, history, and culture.



STEVEN E. JONES

THE EMERGENCE OF THE DIGITAL HUMANITIES

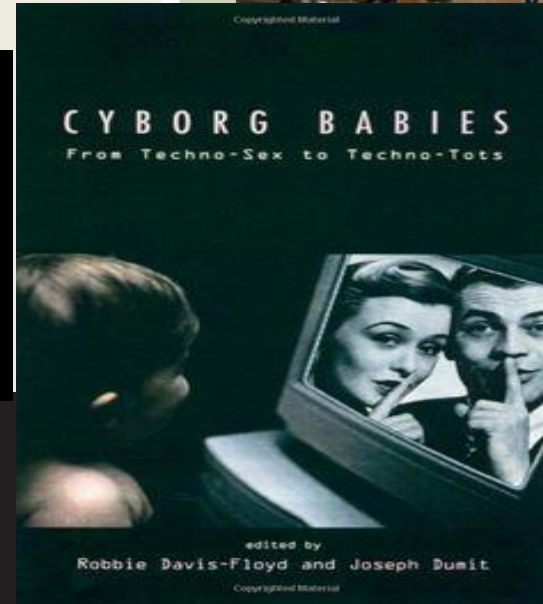


Sensory Ethnography Lab

4. LEAD IN DIGITAL PUBLIC HUMANITIES & PUBLIC DIGITAL HUMANITIES



MIT OPEN DOCUMENTARY LAB



ROWMAN AND LITTLEFIELD INTERNATIONAL - INTERSECTIONS

environmental humanities

Voices from the Anthropocene

EDITED BY
Serpil Oppermann
AND Serenella Iovino



a hackathon for the humanities
10.01.16-10.22.16

ROBERTO BUSA, S. J., AND THE EMERGENCE OF HUMANITIES COMPUTING THE PRIEST AND THE PUNCHED CARDS

STEVEN E. JONES

The Environmental Humanities – since ca 2008

- Widening of 'relevant knowledge' – for transformation
- Several phases, since 1945, encompassing ever new domains
- Limited progress under previous knowledge regimes
- Search for roots of, and remedies for inertia



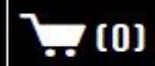
BROWSE

READ ONLINE

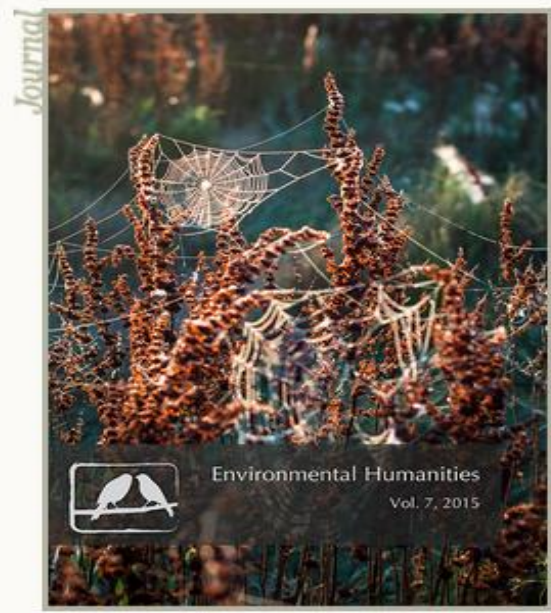
INFORMATION FOR...

ABOUT

MY ACCOUNT



BOOKS & JOURNALS BY TITLE | Environmental Humanities



DETAILS EDITORS SUBMISSIONS ADVERTISING

Environmental Humanities

Read *Environmental Humanities* online at environmentalhumanities.org.

Academic Editor(s):

[Thom van Dooren](#),
[Elizabeth DeLoughrey](#)

Frequency: Two issues annually

ISSN: 2201-1919

e-ISSN: 2201-1919

Description

Environmental Humanities is a peer-reviewed, international, open-access journal. The journal publishes outstanding interdisciplinary scholarship that draws humanities disciplines into conversation with each other, and with the natural and social sciences, around significant environmental issues.

Environmental Humanities has a specific focus on publishing the best interdisciplinary scholarship; as such, the journal has a particular mandate to:

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Institute of the Environment and Sustainability

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IOES NEWS

EVENTS

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[Home](#) > [Events](#) > Sawyer Seminar on the Environmental Humanities at UCLA



Photo credit. Susan Carr. All rights reserved.

Sawyer Seminar on the Environmental Humanities at UCLA

Organizers: Ursula K. Heise, Jon Christensen, and Michelle Niemann

This Mellon Sawyer Seminar on the Environmental Humanities will bring visiting scholars from around the US and the world to UCLA for monthly seminars during the 2014-2015 academic year. Seminar attendees will not listen to lectures or presentations, but rather discuss pre-circulated essays by our featured participants.

The "environmental humanities" names a set of subfields from different disciplines, pulling areas of study such as environmental history and environmental philosophy

EXPLORE IOES EVENTS

[The Next Wave](#)

[Oppenheim Lectures Series](#)

[UCLA La Kretz Center for California Conservation Science Annual Lectures](#)

[Environmental Science Colloquium](#)

[IoES/Luskin Lunch Research Seminars](#)

[Sawyer Seminar on the Environmental Humanities at UCLA](#)

View: [Today](#) | [This Week](#) | [This Month](#) | [Year](#)

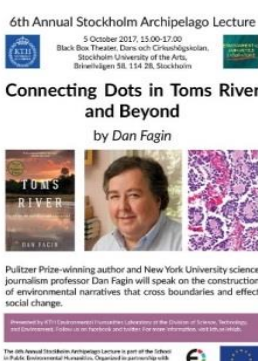
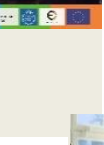
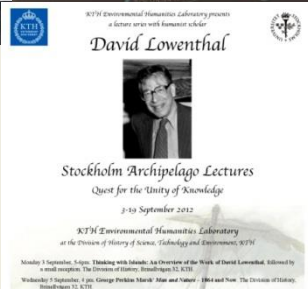
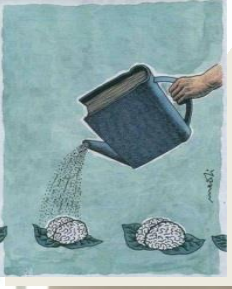
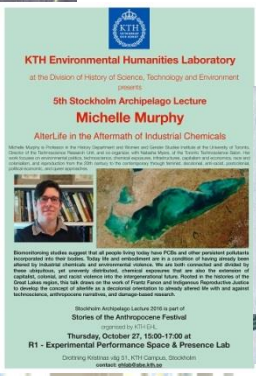
Stay Connected



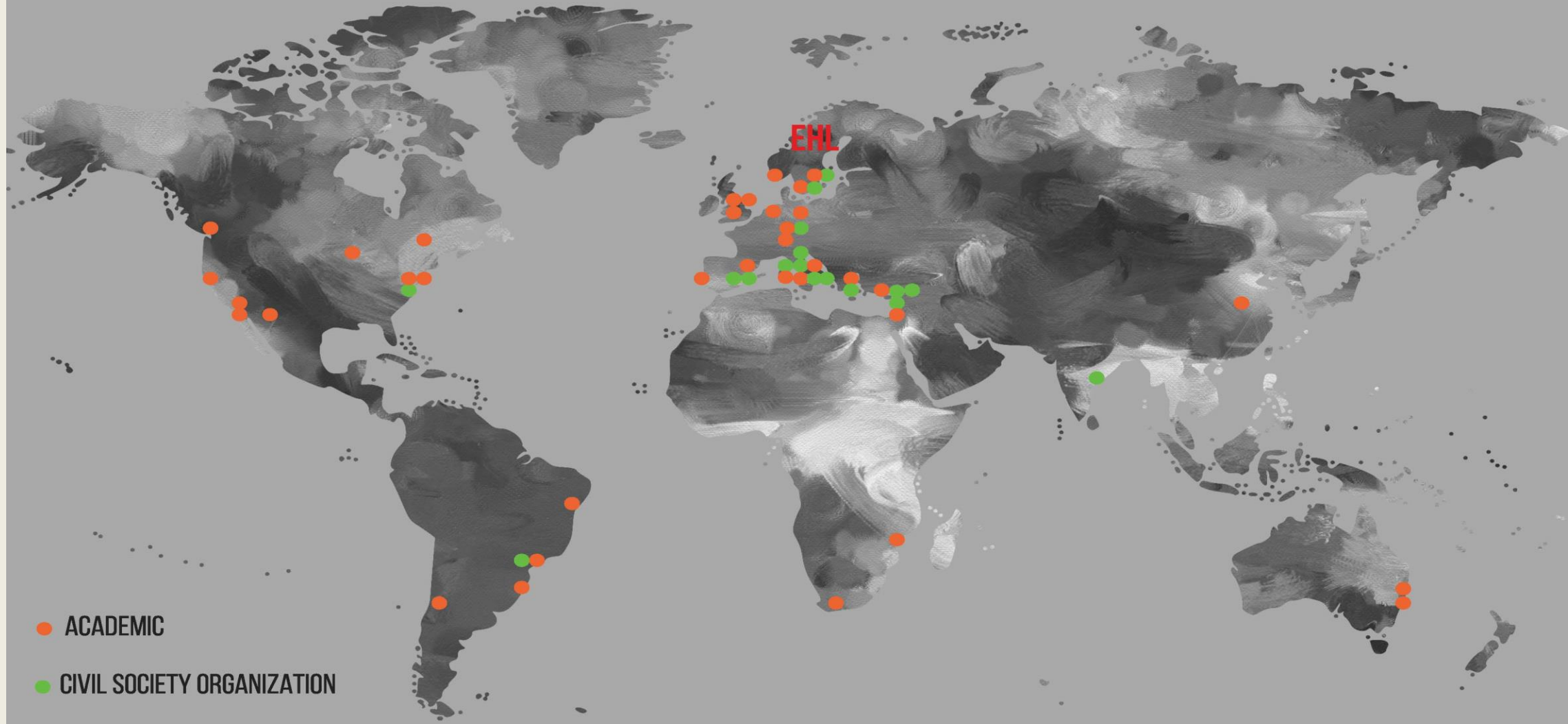
Sabine
Höhler,
History, KTH

Six years of the KTH Environmental Humanities Laboratory

ENTITLE



ENVIRONMENTAL HUMANITIES LABORATORY





A leading KTH

A leading technical and international university creating knowledge and competence for a sustainable future

Development plan 2018–2023

Integrative and mainstreaming

Humanities and social sciences are necessary for sustainable technological development.

Complementary skills are necessities for today's – and tomorrow's – labor market.

“An integrated KTH” (p. 6)

My sincere thanks!

A decorative background at the top of the slide features a network diagram with various sized red and black nodes connected by thin lines, set against a light red gradient.

Impact of Social Sciences & Humanities

4-5 October 2018, Copenhagen

Plenary opening

Mike Conlon

Project director at VIVO & former Co-director of the Clinical and Translational Science Institute, University of Florida, USA

The background features a dark blue gradient with faint, light-colored circular patterns and a scale. The scale is a large arc on the left side, with numerical markings from 140 to 260 in increments of 10. Several smaller circles with dashed lines and arrows are scattered across the background, suggesting a technical or scientific theme.

IMPACT, THE DISCIPLINES, AND VIVO

Michael Conlon, PhD
Emeritus Faculty Member
University of Florida

THE PURPOSE OF A UNIVERSITY

“. . . it means a wish for less misery among the poor, less ignorance in schools, less bigotry in the temple, less suffering in the hospital, less fraud in business, less folly in politics.”

Daniel Coit Gilman, first president of Johns Hopkins University, 1876

THE NOTION OF IMPACT

- ‘Pathways to impact’ statements required by the Research Councils include: “Academic impact: The demonstrable contribution that excellent research makes to academic advances, across and within disciplines, including significant advances in understanding, methods, theory and application” and “Economic and societal impacts: The demonstrable contribution that excellent research makes to society and the economy. Economic and societal impacts embrace all the extremely diverse ways in which research-related knowledge and skills benefit individuals, organisations and nations...”

THE BECKER MODEL

WASHINGTON UNIVERSITY AT ST. LOUIS, BECKER MEDICAL LIBRARY

- Advancement of Knowledge
- Clinical Implementation
- Community Benefit
- Legislation and Policy
- Economic Benefit



MY UNIVERSITY

- University of Florida (UF), Gainesville, Florida, USA
- Public, state-supported, grant funded
- Free tuition for Florida students with high marks
- Annual budget \$6B
- 52,000 students, 6,000 faculty, 16 colleges, 2200 acres, 7,000 research papers per year. Nine hospitals, 67 agricultural offices, 25 research centers across the state

THE STATED PURPOSE OF MY UNIVERSITY

- The university welcomes the full exploration of its intellectual boundaries and supports its faculty and students in the creation of new knowledge and the pursuit of new ideas.
- **Teaching** is a fundamental purpose of this university at both the undergraduate and graduate levels.
- **Research and scholarship** are integral to the educational process and to the expansion of our understanding of the natural world, the intellect and the senses.
- **Service** reflects the university's obligation to share the benefits of its research and knowledge for the public good. The university serves the nation's and the state's critical needs by contributing to a well-qualified and broadly diverse citizenry, leadership and workforce.



AGRICULTURE

- The Morrill Act (1862) set aside a land-grant for founding an agricultural and mechanical university in each state
- Florida Department of Agriculture and Consumer Services (1870)
- Florida Agricultural College (1884) renamed University of Florida (1905)
- Smith-Lever Act (1914) establishes agricultural extension connected to land-grant universities
- In the US, an extension agent is a university employee who develops and delivers educational programs to assist people in economic and community development, leadership, family issues, agriculture and environment.
- Agriculture is the second largest industry in Florida, after tourism.



THE MEDICAL PROFESSIONS

- Dentistry, Medicine, Nursing, Occupational Therapy, Pharmacy, Physical Therapy, Physician's Assistant, Veterinary Medicine
- NIH (2006) established the Clinical and Translational Science Award program to accelerate the *translation* of basic science to the improvement of human health. 65 universities, including UF, have such awards.



THE SOCIAL SCIENCES

- Strong student interest – psychology, political science, anthropology, economics, linguistics
- Research collaborations in network science, medicine, policy, engineering, law, business, education
- Translation to government and corporate activity

UF

THE CREATION, PERFORMANCE, AND EXPERIENCE OF ART IN THE 21ST CENTURY:

*A behind-the-scenes examination of the process of musical creation,
communication, and the aesthetic experience*

UNIVERSITY OF FLORIDA

Music & Aesthetics Symposium

February 23-24, 2018 | 9:00 - 6:30 pm

MUB 101



THE HUMANITIES

- Perhaps at the nadir
- Proposal to eliminate the NEH
- Very few opportunities for external funding
- Little programmatic effort in partnership with governments
- Translation to the public through performances, exhibitions, recordings, libraries, galleries



CAMPUS LIFE

UF rises to No. 8 in U.S. News list of best public universities

SEPTEMBER 10, 2018

STEVE ORLANDO

The University of Florida has strengthened its ranking among the nation's top-10 public universities, rising to the No. 8 spot in the latest U.S. News & World Report Best Colleges list released today.

ASSESSMENT OF NEAR-TERM IMPACT USING VIVO

VIVO [Pronunciation: *vee-voh*] is member-supported, open source software and an ontology for representing scholarship. VIVO supports recording, editing, searching, browsing and visualizing scholarly activity. VIVO encourages research discovery, expert finding, network analysis and assessment of research impact. VIVO is easily extended to support additional domains of scholarly activity.



The screenshot shows the Duke University Department of Philosophy website profile for Andrew Janiak. The header includes the Duke University logo and navigation links for About, News, and Events. Below the header, there are tabs for Research, Undergraduate, Graduate, Courses, and People. The profile for Andrew Janiak is displayed, including his title as Creed C. Black Professor of Philosophy, contact information (address, phone, and email), and a photo of him with two children. A section titled 'Books by this author' features a book cover for 'Newton' with a brief description and a 'read more' link. The 'Overview' section provides a detailed biography of Janiak, mentioning his roles at Duke, his involvement with Project Vox, and his recent work on the philosophy of Émilie Du Châtelet. It also notes that Project Vox has been featured in the London Times, the Washington Post, the Atlantic, and Duke News.

Duke TRINITY COLLEGE OF ARTS & SCIENCES

DEPARTMENT OF PHILOSOPHY

About News Events

SEARCH

Research Undergraduate Graduate Courses People

Faculty
Staff
Graduate Students

Andrew Janiak

Creed C. Black Professor of Philosophy

Contact Information
201 West Duke Bldg, Durham, NC 27708
Duke Box 90743, Durham, NC 27708-0743
Phone: (919) 660-3057
Email: janiak@duke.edu

Links

- What is Project Vox?

Books by this author

Newton

This book is an evocative intellectual history of the life and ideas of Isaac Newton the natural philosopher, covering his influential thoughts about... [read more >](#)

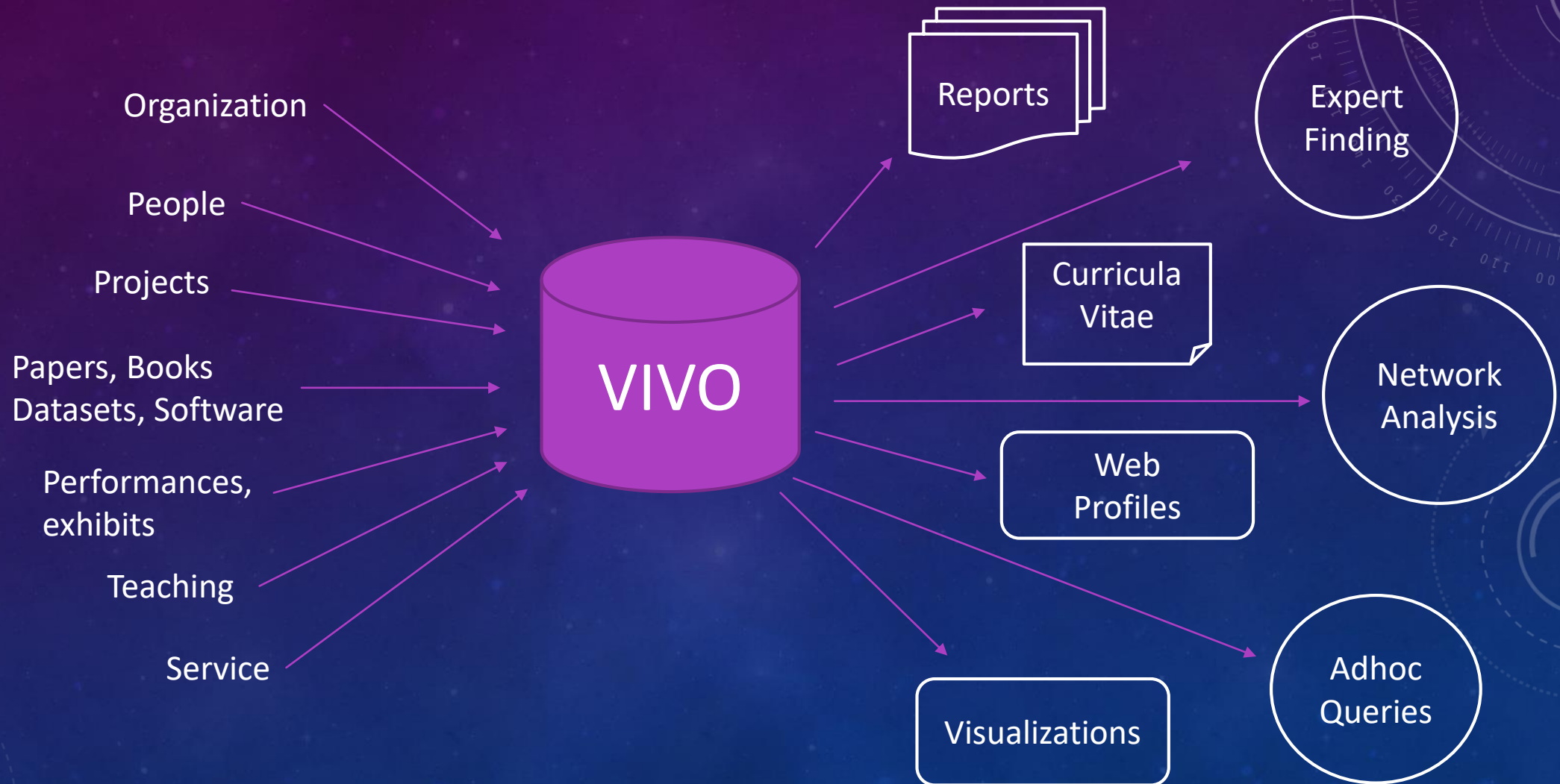
Overview Awards Grants & Fellowships Publications Professional Activities

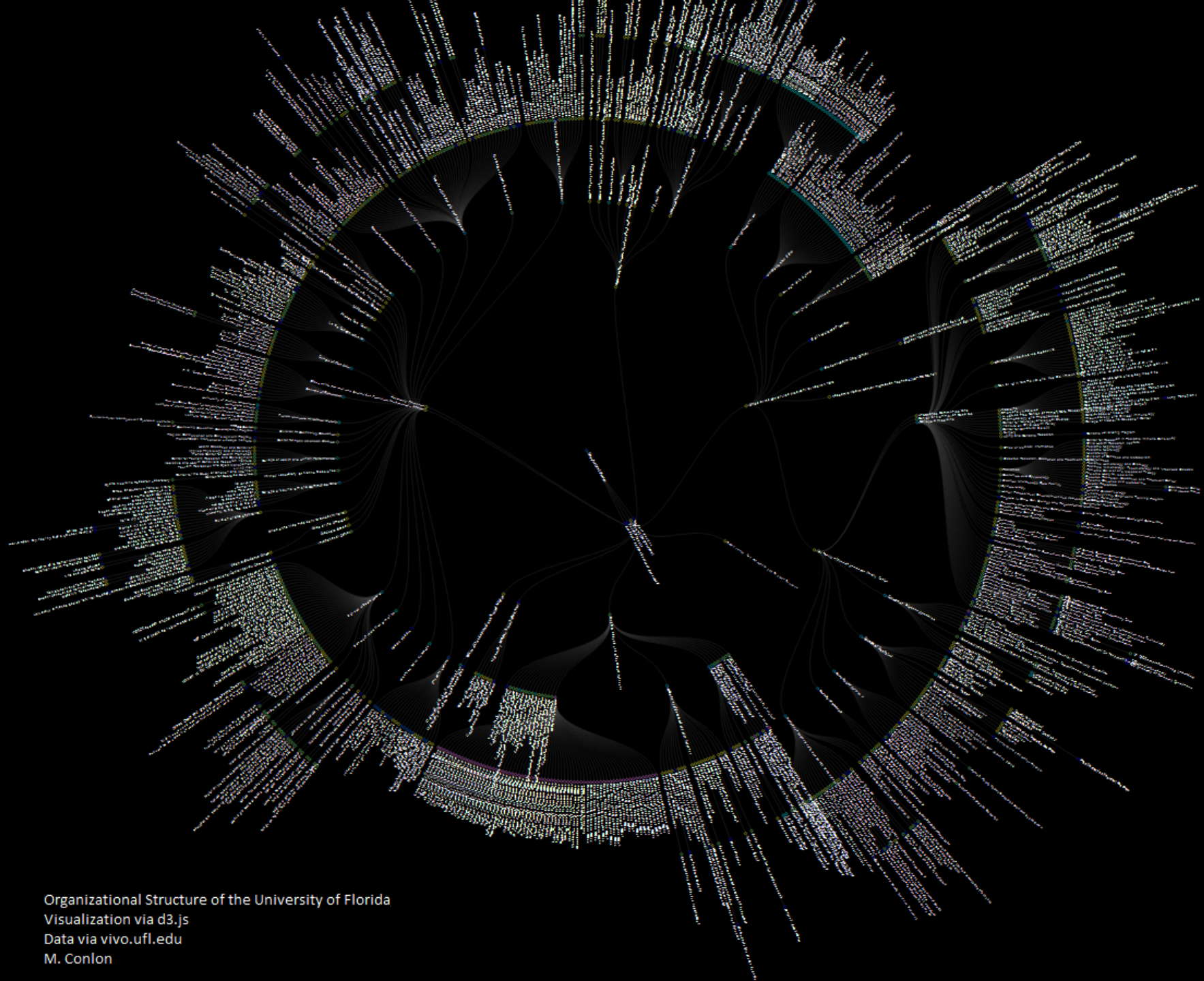
Overview

Janiak is Professor of Philosophy, Chair of the Department, the co-leader of [Project Vox](#), and former chair of the [Bass Society of Fellows](#) at Duke. He and [Professor Karen Detlefsen \(Penn\)](#) were awarded an [ACLS Collaborative Research Grant](#) to begin their new multi-year project on Émilie Du Châtelet and 18th century Newtonian thought in France. They are currently writing the first English-language monograph on Châtelet's philosophy.

[Project Vox](#), a team effort at Duke co-led by Janiak and [Dr. Liz Milewicz](#), has been featured recently in the *London Times*, the *Washington Post*, the *Atlantic*, and also by [Duke News](#).

VIVO INTEGRATES AND REUSES INSTITUTIONAL DATA

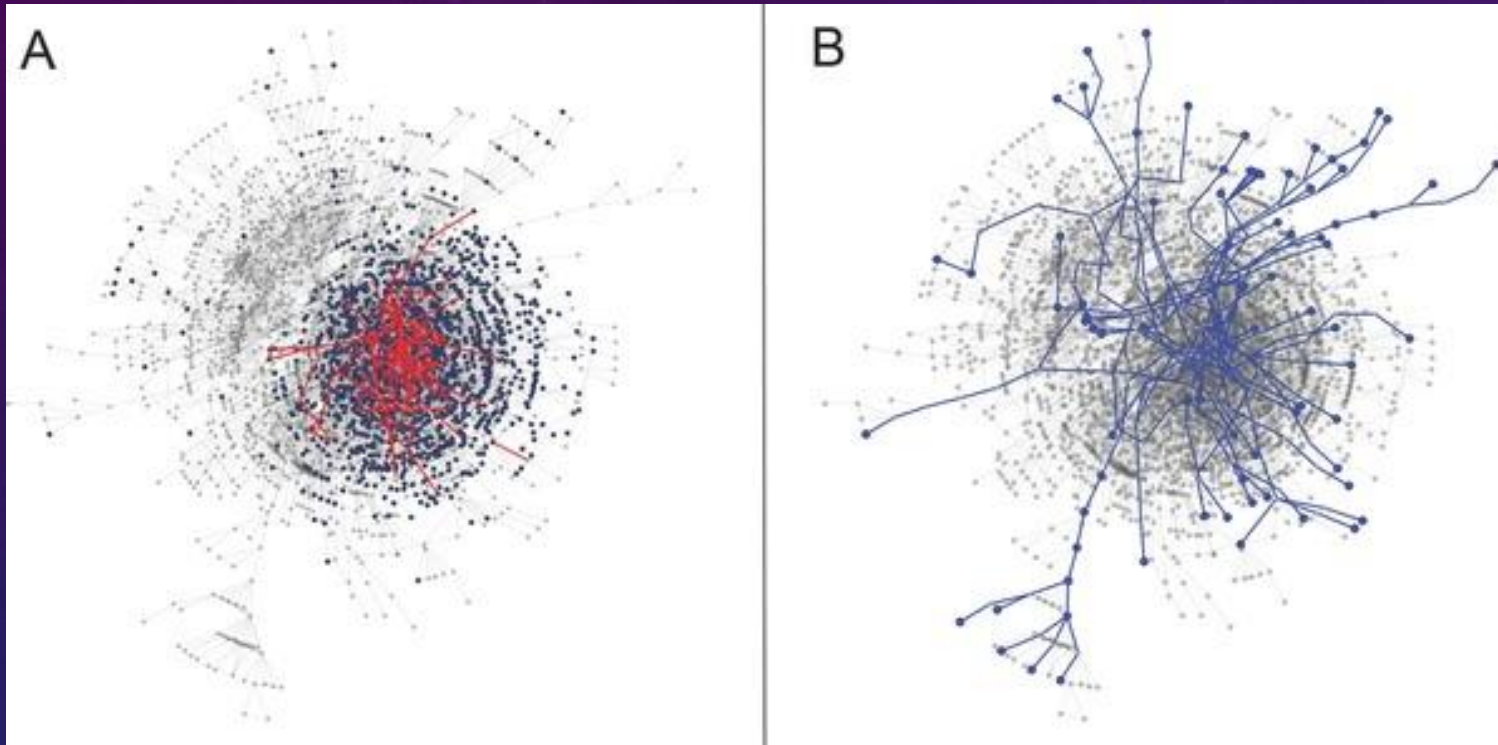




Organizational Structure of the University of Florida
Visualization via d3.js
Data via vivo.ufl.edu
M. Conlon



USING VIVO TO IMPROVE UNIVERSITY FUNCTION



Co-author network of the University of Florida, 2013

A) shows new connections via induction. Health Center Faculty in blue. Pilot awardees and new connections in red

B) shows new connections via alteration

Vacca, R, McCarty, C, Conlon, M, and Nelson, D.
Designing a CTSA-Based Social Network Intervention to Foster Cross-Disciplinary Team Science
Clin Transl Sci. 2015 Aug; 8(4): 281–289.
Published online 2015 Mar 19. doi: 10.1111/cts.12267

BUT IMPACT IS GENERATIONAL ...

- A university graduate goes on to become an international leader
- A basic science discovery becomes a cancer-curing drug
- An economic theory becomes influential
- Scholarship in the arts, music, religion, culture, history improves our understanding of each other
- Application of social science research leads to improved policy

... CANNOT BE ASSESSED IN THE MOMENT, ...

- A university graduate goes on to become an international leader for world peace
- A basic science discovery becomes a cancer-curing drug
- An economic theory becomes influential
- Scholarship in the arts, music, religion, culture, history improves our understanding of each other
- Application of social science research leads to improved policy



... AND OCCURS IN TRANSLATIONS

- The education obtained at the university inspires the future world leader
- A company develops the cancer-curing drug
- The economic theory is discussed, taught, refined, and adopted by practitioners
- Cultural heritage organizations insure access to important scholarly works
- Policy makers use social science research findings

THANK YOU

- VIVO Conference, September 4-6, 2019. Podgorica, Montenegro.
 - <http://vivoconference.org>
- VIVO
 - <http://vivoweb.org>
 - @vivocollab
- Michael Conlon
 - <https://orcid.org/0000-0002-1304-8447>
 - mconlon@ufl.edu
 - @mconlon17

A decorative background at the top of the page features a network diagram with various sized red and black nodes connected by thin lines, set against a light red gradient.

Impact of Social Sciences & Humanities

4-5 October 2018, Copenhagen

Recommendations from the Parallel Sessions



Impact of Social Sciences & Humanities

4-5 October 2018, Copenhagen

Science for Policy

Chair: David Mair

Head of Unit, Knowledge Management, Joint Research Centre, European Commission

Researchers should abandon the linear model of evidence for policy in favour of co-creation of policy questions and research answers with policy makers and seek to understand the needs of decision makers



Impact of Social Sciences & Humanities

4-5 October 2018, Copenhagen

Stakeholder Co-creation

Chair: Tom Postmes

Faculty of Behavioural and Social Sciences, University of Groningen, Netherlands

Co-creation works – but needs support, fostering and equality



Impact of Social Sciences & Humanities

4-5 October 2018, Copenhagen

Regional Research Infrastructures

Chair: Rick Delbridge

Academic Lead for the Social Science Research Park, Cardiff University, Wales, UK

People Places Partnerships Passions

*Identifying opportunities – and this emphasizes the role of government
agencies and funding*

And actually engaging with our public



Impact of Social Sciences & Humanities

4-5 October 2018, Copenhagen

Indicators of SSH Impact

Chair: Paul Wouters

*Director of the Centre for Science and
Technology studies, Netherlands*

*The impact of the SSH is intrinsically domain specific and diverse and cannot be captured in one indicator nor in a small consistent set of indicators
Systematic evidence is possible combining case descriptions and value indicators, if three principles are upheld: reflexivity, diversity and participation*



Impact of Social Sciences & Humanities

4-5 October 2018, Copenhagen

Interdisciplinary Research

Rolf Hvidtfeldt

Postdoc, Humanomics

Research Centre, Aalborg

University, Denmark

Type your recommendation here

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Impact of Social Sciences & Humanities

4-5 October 2018, Copenhagen

Institutional Assessment

Chair: Tim Wilson

Executive Director at Social Sciences and Humanities Research Council, Canada

Institutional incentivization of impact can lead to perverse incentives, so we need the right metrics

A network diagram with red nodes and lines, some nodes being larger than others, set against a light red background.

Impact of Social Sciences & Humanities

4-5 October 2018, Copenhagen

Measurement Tools

Chair: Vera Hazelwood

*Chief Strategy Officer
Researchfish, UK*

How can we supplement impact case studies with meaningful statistics and data to create the right incentives for researchers and funders to evaluate and communicate impact of research, especially beyond publications?

A decorative background at the top of the slide features a network diagram with red and black nodes connected by thin lines, set against a light red gradient.

Impact of Social Sciences & Humanities

4-5 October 2018, Copenhagen

Public Engagement

Chair: Alan Irwin

*Vice-President of Entrepreneurship and
Innovation, Copenhagen Business School, Denmark*

*Public engagement messes up traditional ideas of science and that is a
good thing*

A network diagram with red and black nodes and connecting lines, set against a light red background.

Impact of Social Sciences & Humanities

4-5 October 2018, Copenhagen

Plenary debate

Interactive debate

David Budtz Pedersen (chair)

David Mair

David Sweeney

Milena Žic-Fuchs

A decorative background at the top of the slide featuring a network diagram with red and black nodes connected by lines, set against a light red gradient.

Impact of Social Sciences & Humanities

4-5 October 2018, Copenhagen

Plenary debate

Interactive debate

The results

A network diagram with red nodes and lines, partially obscured by a dark red banner at the top.

Impact of Social Sciences & Humanities

4-5 October 2018, Copenhagen

Next up:

17.15

Reception

18.30

Conference Dinner

Restaurant Fru Nimb

Thank you all for this insightful day!