








PAUL B. HARTZOG

Futurist & Techno-Shaman

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Paul B. Hartzog



PASSION

Our Cooperative Future

***Paul B. Hartzog** helps people understand the complex dynamics of the emerging future so that they can create robust & sustainable communities right now.*



Paul B. Hartzog, one of the coiners of the word "**panarchy**," is an independent **scholar** and **hacker**. He taught at the University of Michigan's School of Information where he was a recipient of an NSF IGERT to study **complex systems**. He has a Masters in Globalization and Environmental Politics from the University of Utah, and a Masters in Political Theory from the University of Michigan. His work on **panarchy** covers politics, economics, networks, culture, complex systems, and social theory.



EXPERIENCE

Sharing Work With Others






"Sharing meaningful work with others is the cornerstone of feeling productive and empowered." -- Paul B. Hartzog

Wealth-Generating Ecologies

- ❖ Paul B. Hartzog provided the inspiration for and was an invited speaker & participant at the **2016 Mutual Aid Network "Community Mapping Summit"** in Madison, WI, **USA**. At the summit Paul worked with organizer Stephanie Rearick, Michel Bauwens, and community leaders to brainstorm ways to organize and interconnect Madison's local and digital resources.
- ❖ Paul was an invited speaker & discussant at the **2015 Impact Economy Summit** in Whistler, BC, **CA**, to discuss alternative strategies in the future economy with other key thinkers.
- ❖ Paul **co-founded** a think-tank and technology consulting group -- **The Future Forward Institute** -- with long-time colleagues Sam Rose and Richard C. Adler, headquartered in Ann Arbor, MI, **USA**.
- ❖ Paul was invited by Michel Bauwens to present at the **Media Ecologies Summit** at Manchester University in Manchester, **UK**. During "**An Infrastructure for Open Everything**" Paul and colleague Sam Rose discussed their work on "**21st Century Wealth Generating Ecologies**".



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- ❖ Paul is the designer of **FLAWS**, a standards **framework** to enhance Internet **interoperability** into an intercommunicative **"Internet of Things"** (SiliconAngle video interview is on Paul's "Academic" YouTube channel listed below)

Cooperation & Commons

- ❖ Paul was a Researcher and Coordinator on **"A New Literacy of Cooperation"**, an interdisciplinary project created by **Howard Rheingold** and **The Institute for the Future** and funded by **DARPA**. The project resulted in **The Cooperation Commons**, an online repository of cooperation & commons research (<http://cooperationcommons.com>) managed and programmed by Paul.
- ❖ Paul was a coordinator and lecturer for **"Toward a Literacy of Cooperation"** (Hum 202) at **Stanford University** (with Howard Rheingold and IFTF's Andrea Saveri). Paul lectured on **"Creating Institutions for Collective Action"**. Video of the lecture is on Paul's "Academic" YouTube channel listed below).
- ❖ Paul was a coordinator and guest of **David Bollier's "On The Commons"** (<http://onthecommons.org>).

The Future of Money

- ❖ In **2004**, Paul was interviewed by Douglas Rushkoff who subsequently published "Open Source Currency." The interview also resulted in Paul's article **"The Future of Money"** published by Mindjack. "The Future of Money" was the **first** article to not only suggest that the future economy would see an explosion of **alternative currencies**, but also to explain the mechanisms and reasons why.
- ❖ Paul was invited to discuss the future of money at **"The Sharing Economy: New Opportunities for Citizen-Based Developments"** a workshop including the Institute for the Future, Howard Rheingold, and academic participants from Stanford, Berkeley, etc.
- ❖ Paul was an Organizer (with Douglas Rushkoff) and an Invited Speaker of the **"NextNet" Contact summit** in New York City, **USA**.

The Success of Openness

- ❖ Paul's research on **"The Success of Openness"** included programming a **complex systems** agent-based simulation for Robert Axelrod at the University of Michigan.
- ❖ Paul worked with the **Institute for the Future** (Kathi Vian and Jerry Michalski) to adapt "The Success of Openness" for ITFT's 2006 **Ten-Year Forecast**. The piece **"Open Scale"** demonstrated key dynamics in the future economy using Paul's research and an interview conducted with Clay Shirky.



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- ❖ In **2006**, Paul published the first declaration of "Social Publishing" on Corante's "Many to Many" community of internet thought-leaders like Clay Shirky, David Weinberger, and danah boyd.
- ❖ Paul was invited by **Elinor Ostrom** -- recipient of the **Nobel Prize in Economics** for her work on commons -- to present his work on "**Social Publishing**" for the "**Special Session: Series on New Commons**" at the prestigious **Ostrom Workshop** at Indiana University, IN, **USA** (slides are on Paul's Slideshare account listed below).
- ❖ Paul was invited by Michel Bauwens to present at **The Political Economy of Peer Production**, a workshop at Nottingham Trent University in Nottingham, **UK**. Paul and colleague Richard C. Adler presented their groundbreaking work on "**Social Publishing**" and the companion website for science fiction "**Oort-Cloud.org**".
- ❖ The Institute Of Creative Technologies at De Montfort University, in Leicester, **UK** invited Paul and colleague Richard C. Adler to present their innovative ideas about "**Social Publishing**" and the companion website for science fiction "**Oort-Cloud.org**".



HISTORY
The Road Less-Traveled

2007 - 2010
University of Michigan
School of Information
Political Theory

Information in Social Systems

Designed and taught graduate student curriculum with Michael Cohen & Paul Edwards.

Analysis and Design of Online Communities

Taught graduate curriculum with Paul Resnick. Built and managed the "E-community" for graduate students.

Center for the Study of Complex Systems

Recipient of an NSF IGERT to study complex systems. Graduate study with Robert Axelrod, Michael Cohen, and Scott Page.

2007-2009
Trebzor Scholz

Panarchy - Politics, Production, and Polycentrism

Invited Speaker, "Internet as Playground and Factory", The New School, NYC

Toward a Critique of the Social Web

Paul Hartzog & Trebzor Scholz, special issue, journal Re-Public

Panarchy and the Wikification of Politics

"Wiki Politics" issue, journal Re-Public

2005-2006
University of Utah

Panarchy: Governance in the Network Age






Master's Essay, University of Utah archive

21st Century Governance as a Complex Adaptive System

Presented & published: Politics and Information Systems, Technologies and Applications



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EDUCATION

Life Is Learning

- 2009 **M.S. Degree in Political Theory**
University of Michigan
Political Theory / Complex Systems / Information
- 2005 **M.S. Degree in Political Science**
University of Utah
Globalization & Environmental Politics / Sustainable Development
- 2003 **B.S. Degree in Political Science**
University of Utah
World Politics / Economics

TAGS

Keywords to Google

<i>Panarchy</i>	<i>Complexity</i>	<i>Politics</i>
<i>Economics</i>	<i>Commons</i>	<i>Cooperation</i>
<i>Peer-to-Peer (P2P)</i>	<i>Culture</i>	<i>Complex Systems</i>
<i>Information</i>	<i>Technology</i>	<i>Community</i>
<i>Sustainable Development</i>	<i>Critical Theory</i>	<i>Networks</i>
<i>Social Media</i>	<i>Philosophy</i>	<i>Ethics</i>

FURTHER/more

Links & Pointers

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- Google+: <http://plus.google.com/116608745094856027291>
- YouTube: Paul B. Hartzog "Academic" (interviews and lectures):
<http://www.youtube.com/channel/UCB6q2MO1dI5ILNKasAl2fWg>