

OCAD University Open Research Repository

Faculty of Design

2019

Developing systemic design tools: The CHRIIS model

Rowland, Gordon

Suggested citation:

Rowland, Gordon (2019) Developing systemic design tools: The CHRIIS model. In: Relating Systems Thinking and Design (RSD8) 2019 Symposium, Oct 13-15 2019, Chicago, USA. Available at http://openresearch.ocadu.ca/id/eprint/3227/

Open Research is a publicly accessible, curated repository for the preservation and dissemination of scholarly and creative output of the OCAD University community. Material in Open Research is open access and made available via the consent of the author and/or rights holder on a non-exclusive basis.

The OCAD University Library is committed to accessibility as outlined in the <u>Ontario Human Rights Code</u> and the <u>Accessibility for Ontarians with Disabilities Act (AODA)</u> and is working to improve accessibility of the Open Research Repository collection. If you require an accessible version of a repository item contact us at <u>repository@ocadu.ca</u>.



Developing Systemic Design Tools: The CHRIIS Model

Gordon Rowland

Director, Center for Faculty Excellence & Professor of Communications, Ithaca College

Photographs by Trudy Wilson, Associate Professor of Art, University of Southern Maine

Origin of CHRIIS

transform creation & destruction

honor what is
release ties
imagine what might be
create
sustain cycle

Photo:

https://www.facebook.com/AudubonArtsHogIsland/photos/p.1540064826295586/1540064826295586/?type=1&theater



Assumptions

People resist change

People avoid challenge

The future is determined by others

Only special people are creative

Experts/leaders should make the big decisions

Change means a loss of identity

It is ethical to bring about change in/for others





Alternative Assumptions

People resist change that is imposed on them

People relish challenges that are aligned with their values and potentially enhance their self worth

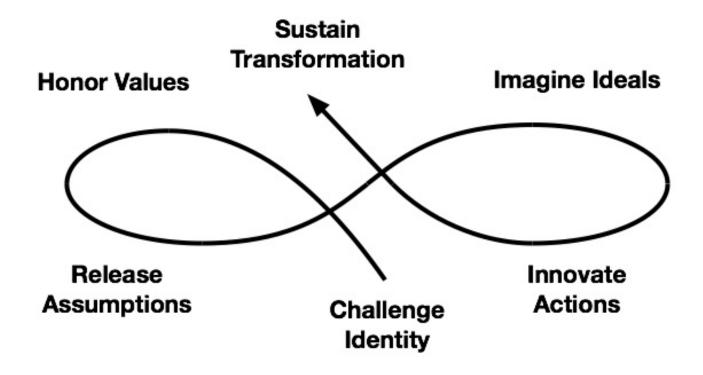
We can meaningfully impact our own future

We develop our creativity through intentional practice

People have a fundamental right to participate in decisions that affect them

Change can mean simultaneous transformation and deepened identity

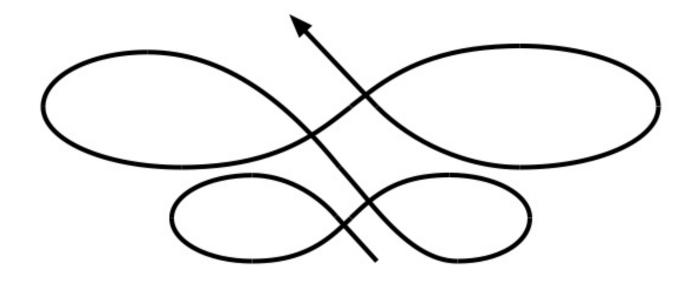
It is ethical to design *with* others; even more so to design *within*



CHRIIS

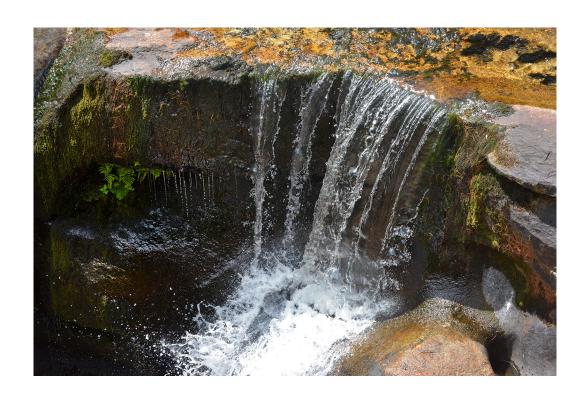
CHRIIS

Action	challenge	honor	release	imagine	innovate	sustain
Object	identity	values	assumptions	ideals	actions	transformation
Question	who are we (state of being)	what should be	what is true	what might be ideal	what will we make real	who are we becoming
Type of inquiry; way of being with one another	psychological introspection	philosophical dialogue	scientific exploration	designerly play	policy/political debate	systems inquiry



CHRIIS sustained

Examples



Academic Programs

Challenge Identity: Why are we engaging in this conversation?

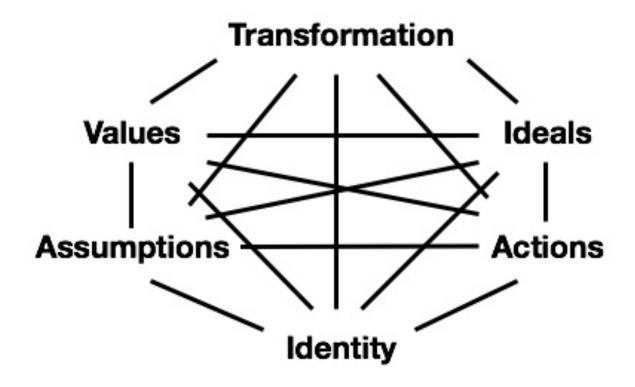
Honor Values: What is so central to the program that without it the program would not exist?

Release Assumptions: What have you consciously or unconsciously been assuming to be set in stone but could actually change?

Imagine Ideals: Five years from now the program is shockingly successful. What is happening?

Innovate Actions: What actions will bring about the desired, attainable future?

Sustain Transformation: What key questions will strengthen parts and relationships of the inquiry system?



CHRIIS Objects

Individuals in a class setting

Challenge Identity: Name five groups to which you belong. How would it alter your sense of identity if the least important of these became the most important?

Honor Values: What do you bring to the table? What stops you? What is your greatest fear? Where do you find great beauty?

Release Assumptions: What did you assume was preventing change in a past situation from which you walked out?

Imagine Ideals: What accomplishments over the next five years would lead you to experience great joy?

Innovate Actions: What will you do to bring one of these about?

Sustain Transformation: How will you help each other persevere throughout the program?

Questions

systemic design tools?

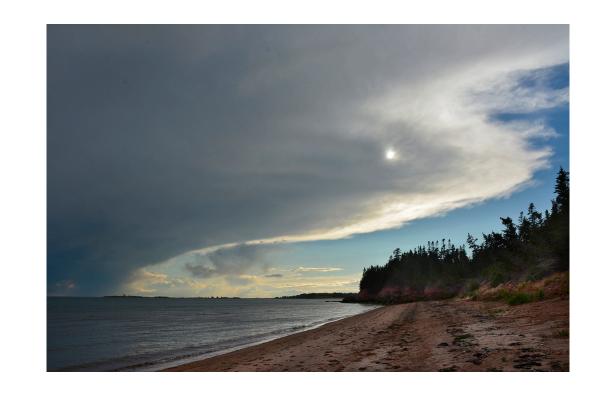
for non-experts?



Thanks!

Gordon Rowland rowland@Ithaca.edu

Photographs by Trudy Wilson



References

- Banathy, B. H. (1996). Designing social systems in a changing world. NY: Plenum Press.
- Dormant, D. (2011). Chocolate model of change. Available from https://www.barnesandnoble.com/w/the-chocolate-model-of-change-diane-dormant/1105164473
- Glanville, R. (2014). Design and cybernetics reflect each other. Relating systems thinking and design 2014. Oslo School of Architecture and Design. October 15, 2014. Retrieved from http://systemic-design.net/wp-content/uploads/2014/08/Ranulph_Glanville.pdf
- Kotter, J. (2014). Accelerate. Available from https://www.kotterinc.com/8-steps-process-for-leading-change/
- Lewin K (1947) Frontiers in group dynamics: Concept, method and reality in social science; equilibrium and social change. *Human Relations* 1(1): 5–41.
- Nelson, H. G. (2018). Putting design in its place. Innovation Methodologies for Defense Challenges. St Paul University, Ottowa, Canada. Jan. 30 Feb. 1, 2018. Retrieved from https://www.youtube.com/watch?v=Jq3jRPWhaXs&feature=youtu.be
- Nelson, H. G., & Stolterman, E. (2012). The design way: Intentional change in an unpredictable world (2nd ed.). Cambridge, MA: MIT Press.
- Rogers, E. M. (2003). *Diffusion of innovations* (5th ed.). NY: Simon & Schuster.
- Sevaldson, B., & Jones, P. (Eds.) (2013). Systems thinking and design 2013 symposium proceedings. Retrieved from https://systemic-design.net/rsd2/proceedings/

Additional properties

Basic enabling	courage	awareness	curiosity	creativity	ingenuity	love
human quality						
Dimension	consciousness	beauty (emotional – the heart)	truth (intellectual – the mind)	wellness (physical -the body)	goodness (spiritual - the soul	wholeness
Direction	inward	behind (past)	left	right	forward (future)	outward
Element	mother Earth	fire/sun	water	earth	air	father sky