

Exploring Illuminative Systems in Informal Networks of Adults

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ABSTRACT

Whenever we feel those ‘higher’ and hard to define sensations like synchronicity, love, wholeness, and appreciation is this a pattern or *illuminative system* that is part of a larger ecological network or evolutionary design meant to establish homeostasis within the planet? Meeting as groups in person, or online posting to an interactive website, adults track, record and describe in laymen terms their everyday encounters with illumination. Illumination in this sense could encompass both spiritual and/or secular significance. Participants build data files of illuminative sensation recorded in video, text, soundbite, drawing, and/or journaling. This spatial and sensory awareness activity, initiating from an appreciative foundation, eventually leads to participants conducting informal skillshares where adults teach to one another the strengths they possess when illuminated. Next adults collectively design new courses, programs, and products for their immediate community. A pilot study reveals that adults yearn for opportunities to talk about illuminative moments with one another.

Keywords

Adult learning, appreciative inquiry, creativity, design thinking, generative metaphor, illumination

AMY SCATLIFF BIO

As an educational designer and researcher, Amy Scatliff has worked within adult education for twenty years exploring creativity and how people build their learning around what they love. She studied Visualization at the Minneapolis College of Art and Design and has a Master’s of Social Science from the University of Amsterdam. She is currently based in Chapel Hill, North Carolina and is pursuing a doctoral degree in Educational Leadership and Change (ELC) from Fielding Graduate University. Amy is also the founder of *Yoga is Instrumental*, providing hip-hop, dub and downtempo beats for people who love yoga.

INTRODUCTION

In my doctoral research I explore the idea of adults leading creative information exchanges, fostering new skill development and personal relationships that could be designed around their preferences (loves)—or by what illuminates them. Early in my study at Fielding Graduate University, I was inspired by the evolutionary, social theories of Jared Diamond [5] and Humberto Maturana and Francisco Varela’s [13] theory of autopoiesis (self-making) where living systems organize themselves into increasingly more diverse complexity to establish homeostasis. I envisioned a metaphorical *illuminative system* that would prompt adults to engage in informal, networked learning exchanges and encounters. In this model, participants construct their own meanings—both individually and collectively—of what would signify an *illuminative experience*. I further envisioned a grid stretched over the globe in which adults, after consciously recording these *illuminative points* in various locations, would go on to construct new ideas, courses, products and programs as they were creatively inspired by this illuminative data. As adult learners continued to record and build from this data they would generate a network of illumination that would be part of a larger ecological or evolutionary design meant to establish homeostasis within the planet. These encounters would be inspired by moments of illumination, which adults experienced and recorded as environmental triggers that they felt in everyday spaces. Illumination could denote any feeling such as higher order, wholeness, love, *flow*, synchronicity, joy, and a sense of deep connection.

My initial illuminative conjectures eventually developed into a central question that would steer my doctoral research: Is it possible to develop an andragogical framework that guides the increase of individual and collective moments of illumination, as adult learners systemically report it? The topics listed below were each relevant themes to how we can encourage skills for adults in creative problem solving, capacity building, systems thinking and participatory action research methods in the framework of informal lifelong learning. Each area informed the design of a pilot study examining the first stages of a seven-step process within an illuminative andragogy. Appreciative inquiry methods, the broaden-and-build theory and concepts of flow stemming from the

expanding positive psychology movement [2,3,6,19] came forth. The current phenomena of the everyday learner using Web 2.0 media and open education resources to co-opt social research methods formerly restricted to social scientists [11,18,21] surfaced as well. Writings on creative thought, design thinking and user centered research (14, 15, 16] reflected influential principles in how to merge time-honored adult learning theories [4, 12, 17] within an increasingly design influenced world. Systemic thinkers, Mihai Spariosu [20] and Jamshid Gharajedaghi [9] deepened this generative metaphor of an illuminative system, which had first been inspired by Diamond, Maturana and Varela. Finally, the writings of Paulo Freire [7] and Ivan Illich [10] introduced the wisdom embedded in critical pedagogy, situated learning and convivial sharing that could reach the heart of this potential illuminative action as a capacity building initiative.

The influence of positive psychology and appreciative inquiry shifts the focus of problem-based learning, especially within a design thinking process, to a more appreciative approach—at the same time maintaining a liberatory objective. As Freire wrote, "When challenged by a critical educator, students begin to understand that the more profound dimension of their freedom lies exactly in the recognition of constraints that can be overcome" [8, p.48]. In what I call an *appreciative engineer* then understands the dimension of their freedom lies in the process of expanding upon illuminative sensations and creating networked collaborations (rather than focusing on constraints) as a means of liberation. The illuminative system becomes a mindful way of approaching conflict, dealing with interstices of overlapping culture, new technologies and shifting resources all embedded in the everyday social activities of adults. The introduction of a generative metaphor intervention [1] within the context of a participatory action research project is an indirect, non-threatening way of building unity and trust among family and friends through creative recording, dialoguing, teaching and eventual collaboration with one another.

ILLUMINATIVE SYSTEM

From these interdisciplinary themes I conceptualized an exploratory seven-stepped process that could help flesh out a structure for a broader public research project. The following hypothesized seven steps of the illuminative andragogy are listed below:

Step One: Sensing illumination in everyday space.

Step Two: Documenting these sensations and the spaces in which they occur by taking photos, making journal recordings, sketching, taking video/sound recording, noting location on maps.

Step Three: Sharing with others their *illuminative data* in an *illuminative cluster* either in person or in an online community.

Step Four: Exploring how feeling illuminative moments often represents a natural strength, ability, or skill in oneself or others.

Step Five: Teaching one another through informal skillshares the various strengths that each person possesses when they feel illuminated. This could be any skill that is admired in oneself or collectively by the group.

Step Six: Expanding contextual awareness by discussing how each person *sees* various spaces where they documented their triggers of illumination. Members of the group envision how they can match skill and illuminative sensation to a particular space by brainstorming creative ventures, learning opportunities and new products that can be embedded into a specific site.

Step Seven: Transforming members' brainstorms into actual collaborations by matching contextual spaces, skills, and sensations. Even if an initial effort does not take root, members will have more buoyancy to continue on to the next "prototype" and trial run...and then back to STEP ONE to start over.

CAPACITY BUILDING IN PUBLIC SPACE

The pilot study described in this proposal was an exploratory study of the interaction happening within the first three stages of this seven-step illuminative process. The study was comprised of two groups of volunteer participants from an informal pool of friends and family within my social network. Two peer members, myself and a friend in Minneapolis, coordinated a month long study with one group meeting in a face to face exchange in Minneapolis and the other an internet mediated exchange with participants from Philadelphia, Los Angeles and Amsterdam. There were a total of 12 participants, median age range 25-40, 83% female, majority African American 58%, all had at least some college education while 50% had some kind of graduate degree.

Method

Participants were asked to consider the question, is there a pattern or *illuminative system* that is part of a larger ecological network or evolutionary design meant to establish homeostasis within the planet? In the context of identifying what sensations potentially "held the planet together" participants contemplated what illuminative sensation meant to them. The peer leaders asked the participants to take *at least 10 minutes one time a week for four weeks to record in their diaries public spaces they occupied where they felt any of their illuminative perceptions*. For purposes of simplifying this first study we excluded spaces located in ones home. The participants could record these moments by photo, quick notes, sketches, journaling—and any other manner they chose. They were instructed to describe the "who, what, where, when and how" of each of their recorded experiences that occurred in public spaces. These settings could include any space such as on the street walking to work, grocery stores,

at places of employment or schooling, a health care clinic, and the bank.

Participants received the following tips on tracking illumination (a) What was the image, sensation, sound, person, etc...that triggered one of these sensations in you in this particular public place? (b) Can you describe the sensation? Was it bodily? A thought process? Or both? (c) Is there a specific memory tied to this sensation or to the trigger for the sensation? Can you describe the memory? (d) Would you like to sketch an image, take a photo, record a sound, about the triggers, sensations, memories you experienced as you walked around various public spaces?

Peer facilitators then were responsible for a weekly collection of these recorded experiences submitted either by personal e-mail or posted to a public web board created for the study. The face-to-face group met at a social gathering (dinner) at the beginning and end of the month long study, while the other group worked individually with the peer coordinator by submitting private emails.

Here are some moments of illumination reported in the study by participants: Seeing a hawk while running, Observing dolphins swim north on the Atlantic Ocean, Falling asleep on a car trip to the sounds of people around laughing and talking, Seeing someone on the street who inspires a screenplay character, Watching the Cubs, Attending a church picnic, Being told to consider a master's program by an instructor, Driving slowly home in a snowstorm and seeing the empty streets.

FINDINGS OF THE PILOT STUDY

The findings of the study were as follows:

1. Adults yearn for immediate experiences where they can talk about illuminative moments with one another.
2. Participants can have very different ideas about the meaning of illuminative perception; this is enlightening for adults to reflect upon internally and to discuss with others.
3. Sensing, recording and discussing illuminative perceptions that occur in everyday interactions take time for participants, especially those inhibited by depressive or anxious behavioral patterns.
4. Study participants seemed to intuitively sense that this experience was not the same as the addictive high sometimes referenced as a state of flow reached during alcohol/drug abuse or violence.

STAGES FOUR – SEVEN OF THE ILLUMINATIVE ANDRAGOGY

As the stages progress in the illuminative andragogy, activity becomes increasingly more collaborative and project based. There are a multitude of creative directions a cluster could take as adults identify individual moments of illumination, each other's teachable skills, and potential settings for new events, programs, and courses, etc. I envision that each stage of the andragogy can be experienced as a *complete level in itself* with the participants going no further than the activity set for that

stage. Or if members chose, they progress to more collaborative work. Below is an example of a process that is loosely based on an informal project put together by myself and a group of friends that mirrored many of the steps of the illuminative andragogy.

Four illuminative observations from participants:

Participant One: Talking with a grocery store employee about cheese and beer

Participant Two: Being appreciated for organizing a meeting

Participant Three: Relating to a passage in a sermon in a new way

Participant Four: Listening to an ipod, laying in the grass and watching the clouds

These observations could be applied in the andragogy in the following ways:

In stages four and five of the illuminative andragogy, the group decides that Participant One is skilled in appreciating, discussing and creating meals for others. They ask her to teach the illuminative cluster in a skillshare several cooking classes. Participant Two, who is great at organizing events, would hold a small session for the group explaining the top three events she put together in the past and what made them a success. Participant Three would lead a session having others in the group read passages to her from various favorite texts and she would work with them on interpreting new meanings that related to their lives. Participant Four, who in day-to-day encounters generally reports being the most relaxed of the group, would lead a small class about how to incorporate relaxation into a work week.

In stages six and seven of the illuminative andragogy, the cluster would gather and discuss how each of these skills could be planted into a collaborative project. The group creates The Relaxation Day for an area battered women's shelter, which is a one-day event on relaxation. The shelter was the workplace of Participant Two and the setting of her last successful meeting. Participant One puts together a class for the women on how to cook easy, inexpensive yet appetizing meals based on her own experience of being a single mom living on a tight budget. Participant Four designs a session for the women helping them brainstorm new ways to incorporate moments of relaxation into their day. She also helps each woman design a relaxation mix of their favorite music. Participant Three gathers inspiring speeches given by prominent women and makes a packet for the attendees of The Relaxation Day to take with them at the end of the event.

As the stages become increasingly more collaborative and project based—ranging from events for friends and family to the broader community—various questions come up. Is it easy for participants to translate what feels as illumination into what is a teachable skill? How do participants learn the best way to teach each other their skills in the experience of a cluster? How do members

figure out who is the best at what role in a group project? What constitutes a creative venture especially whether the venture is a moneymaking opportunity? How could the women at the shelter form their own illuminative cluster? How could clusters eventually work together to design creative ventures?

I have not answered these questions yet, but in my dissertation and in post-doctoral research I want to build andragogical steps that will (a) link people together both at a distance with online interfaces and face-face meetings between friends, family and neighbors to (b) provide an opportunity for adults to share their variety of experiences in a way that will (c) inspire confidence in creative collaboration based upon the theme of illuminative design—especially for those who exhibit depressive or anxious patterns.

BENEFITS OF PARTICIPATION IN THE CONFERENCE

This year's conference theme of encouraging participation in everyday creativity, incubating innovation and finding shared languages to support collective action match the intent of this doctoral study. By presenting at the Creativity and Cognition 2009 Graduate Symposium, I will get the constructive feedback I need to develop a strategy for providing this illuminative process as a valid and valued option of collaborative learning and creating for adults. In addition, this conference will be enormously valuable in providing a birds eye view of recent transformations happening within creative culture. It will also be a chance to hear other researchers, artists, fellow graduate students and scholars, such as Mihaly Csikszentmihalyi, who has been crucial to the formation of this study.

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