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## FEATURES

### The Power of Patience

Teaching students the value of deceleration and immersive attention

by JENNIFER L. ROBERTS

NOVEMBER-DECEMBER 2013



John Singleton Copley's *A Boy with a Flying Squirrel*, 1765  
Photograph ©2013 Museum of Fine Arts, Boston

## On Readers' Radar

1. The Harvard Remarks of the Aga Khan
2. Harvard Endowment's Sweeping Overhaul
3. Getting General Education Right?
4. Putting Social Progress on Par with Prosperity
5. The Journalist as Citizen

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**E**ditor's note: The Harvard Initiative for Learning and Teaching (HILT) conference last May asked participants to ponder the following framing question: "In this time of disruption and innovation for universities, what are the essentials of good teaching and learning?" At the conference, after a panel of psychologists had discussed aspects of the "science of learning," three speakers addressed the "art of teaching"—among them then professor of history of art and architecture Jennifer L. Roberts (now Elizabeth Cary Agassiz professor of the humanities), who also chairs the doctoral program in American Studies. She confessed limited exposure to education theory, and then proceeded to provide a vivid demonstration of deep humanistic education and learning, drawn from her own teaching in the history of art, but with broader applications. Although she makes broad use of digital technology in her teaching, she feels that it is also essential to give students experience in modes of



*attentive discipline that run directly counter to the high-speed, technologically assisted pedagogies emerging in the digital era—and to the experiences and expectations of contemporary students. Roberts adapted the following text from her HILT presentation.*

I'M NOT SURE there is such a thing as teaching in general, or that there is truly any essential teaching strategy that can be abstracted from the various contexts in which it is practiced. So that we not lose sight of the disciplinary texture that defines all teaching, I want to offer my comments today in the context of art history—and in a form that will occasionally feel like an art-history lesson.

During the past few years, I have begun to feel that I need to take a more active role in shaping the *temporal* experiences of the students in my courses; that in the process of designing a syllabus I need not only to select readings, choose topics, and organize the sequence of material, but also to engineer, in a conscientious and explicit way, the *pace* and *tempo* of the learning experiences. When will students work quickly? When slowly? When will they be expected to offer spontaneous responses, and when will they be expected to spend time in deeper contemplation?

I want to focus today on the slow end of this tempo spectrum, on creating opportunities for students to engage in deceleration, patience, and immersive attention. I would argue that these are the kind of practices that now most need to be actively engineered by faculty, because they simply are no longer available “in nature,” as it were. Every external pressure, social and technological, is pushing students in the other direction, toward immediacy, rapidity, and spontaneity—and against this other kind of opportunity. I want to give them the permission and the structures to slow down.

In all of my art history courses, graduate and undergraduate, every student is expected to write an intensive research paper based on a single work of art of their own choosing. And the first thing I ask them to do in the research process is to spend a painfully long time looking at that object. Say a student wanted to explore the work popularly known as *Boy with a Squirrel*, painted in Boston in 1765 by the young artist John Singleton Copley. Before doing any research in books or online, the student would first be expected to go to the Museum of Fine Arts, where it hangs, and spend three full hours looking at the painting, noting down his or her evolving observations as well as the questions and speculations that arise from those observations. The time span is explicitly designed to seem excessive. Also crucial to the exercise is the museum or archive setting, which removes the student from his or her everyday surroundings and distractions.

At first many of the students resist being subjected to such a remedial exercise. How can there possibly be three hours' worth of incident and information on this small surface? How can there possibly be three hours' worth of things to see and think about in a single work of art? But after doing the assignment, students repeatedly tell me that they have been astonished by the potentials this process unlocked.

It is commonly assumed that vision is immediate. It seems direct, uncomplicated, and instantaneous—which is why it has arguably become the master sense for the delivery of information in the contemporary technological world. But what students learn in a visceral way in this assignment is that in any work of art there are details and orders and relationships that take time to perceive. I did this three-hour exercise myself on this painting in preparation for my own research on Copley. And it took me a long time to see some of the key details that eventually became central to my interpretation and my published work on the painting.

Just a few examples from the first hour of my own experiment: It took me nine minutes to notice that the shape of the boy's ear precisely echoes that of the ruff along the squirrel's belly—and that Copley was making some kind of connection between the animal and the human body and the sensory capacities of each. It was 21 minutes before I registered the fact that the fingers holding the chain exactly span the diameter of the water glass beneath them. It took a good 45 minutes before I realized that the seemingly random folds and wrinkles in the background curtain are actually perfect copies of the shapes of the boy's ear and eye, as if Copley had imagined those sensory organs distributing or imprinting themselves on the surface behind him. And so on.



Aga Khan speaks at the Weatherhead Center for International Affairs at Harvard



An alumnus reflects on changes in student attitudes since his days at Harvard

Letters on sexual assault, the Social Progress Index, divestment, and more

What this exercise shows students is that just because you have *looked* at something doesn't mean that you have *seen* it. Just because something is available instantly to vision does not mean that it is available instantly to consciousness. Or, in slightly more general terms: access is not synonymous with learning. What turns access into learning is time and strategic patience.

The art historian David Joselit has described paintings as deep reservoirs of temporal experience—"time batteries"—"exorbitant stockpiles" of experience and information. I would suggest that the same holds true for anything a student might want to study at Harvard University—a star, a sonnet, a chromosome. There are infinite depths of information at any point in the students' education. They just need to take the time to unlock that wealth. And that's why, for me, this lesson about art, vision, and time goes far beyond art history. It serves as a master lesson in the value of critical attention, patient investigation, and skepticism about immediate surface appearances. I can think of few skills that are more important in academic or civic life in the twenty-first century.

DECELERATION, then, is a productive process, a form of skilled apprehension that can orient students in critical ways to the contemporary world. But I also want to argue that it is an essential skill for the understanding and interpretation of the historical world. Now we're going to go into the art-history lesson, which is a lesson about the formative powers of delay in world history.

I have chosen Copley's work to discuss today because it actually has a significant educational resonance. It's essentially an example of eighteenth-century distance learning. In 1765, Copley was doing very well as the best portrait painter in North America. But he felt stranded in the backwater colony of Boston, thousands of miles away from the nearest art academy. He was clearly a talented painter, but he had been mostly self-taught, and he longed to have a chance to learn from the painting superstars in the academic center of London. So he decided to try to open up a correspondence course of sorts. And to begin that correspondence he painted this picture, packed it up in a crate, walked down to Boston Harbor, put it on a ship, walked back to his studio, and waited to see what kind of feedback he might get about his work from London.

He had to wait a very long time.

It took about a month for the painting to make the crossing to London, and then it was stuck for several weeks in customs, and then it waited a few weeks before it could go on exhibition, and then a friend of Copley's wrote him a letter conveying some of the things he'd heard the academicians say. He waited a long while to send it, at which point it took almost eight weeks (sailing now against the current) to return to Boston on another ship. All in all, it was about 11 months before Copley was able to open his friend's letter and learn that painters in London thought his work was generally wonderful but that it suffered from being rather "too liney"—and that Copley might consider correcting that fault. Copley was unsure exactly what that meant, and dispatched another letter asking his friend to inquire further into the matter. This became typical of his long-distance education.

Now, the people in this room who are experienced in educational-feedback theory are probably horrified. Indeed, in the terms of educational science, this agonizingly slow response pace would be identified, I believe, as "non-formative" feedback. And yet I would like to suggest that slowness is not necessarily "non-formative"—in fact, in the case of this painting, it is thoroughly formative. Let me be clear that I am not arguing that we should wait 11 months to return papers. I'm talking in a more general way about the need to understand that delays are not just inert obstacles preventing productivity. Delays can themselves be productive.

We can see this directly in the painting, which is full of allusions to time, distance, and patience. The painting is about its own patient passage through time and space. Look at that squirrel. As the strange shape of the belly fur indicates, if one takes time to notice it, this is not just any squirrel but a flying squirrel, a species native to North America with obvious thematic resonances for the theme of travel and movement. (The work's full title is *A Boy with a Flying Squirrel*.) Moreover, squirrels in painting and literature were commonly understood to be emblems of diligence and patience. Then: the glass of water and the hand. Across his long career, this is the only glass of water that Copley ever included in a painting. Why? Well, for one thing, this motif evokes the passage of a sensory chain across a body of water and thereby presents in microcosm the plight or task of the painting itself. Or think about the profile format

of the portrait—unusual for Copley. It turns out that in the eighteenth century, the profile format was very strongly associated with persistence in time and space. Where was one most likely to see a profile? On a coin. What is a coin? In essence, a coin is a tool for transmitting value through space and time in the most stable possible way. Coins are technologies for spanning time and distance, and Copley borrows from these associations for a painting that attempts to do the same thing.

Copley's painting, in other words, is an embodiment of the delays that it was created to endure. If Copley had had instant access to his instructors in London, if there had been an edX course given by the Royal Academy, he would not have been compelled to paint the way he did. Changing the *pace* of the exchange would have changed the *form* and *content* of the exchange. This particular painting simply would not exist. This painting is formed out of delay, not in spite of it.

And this is actually a lesson with much wider implications for anyone involved in the teaching or learning of history. In the thousands of years of human history that predated our current moment of instantaneous communication, the very fabric of human understanding was woven to some extent out of delay, belatedness, waiting. All objects were made of slow time in the way that Copley's painting concretizes its own situation of delay. I think that if we want to teach history responsibly, we need to give students an opportunity to understand the formative values of time and delay. The teaching of history has long been understood as teaching students to imagine other times; now, it also requires that they understand different temporalities. So time is not just a negative space, a passive intermission to be overcome. It is a productive or formative force in itself.

GIVEN ALL THIS, I want to conclude with some thoughts about teaching patience as a strategy. The deliberate engagement of delay should itself be a primary skill that we teach to students. It's a very old idea that patience leads to skill, of course—but it seems urgent now that we go further than this and think about patience *itself* as the skill to be learned. Granted—patience might be a pretty hard sell as an educational deliverable. It sounds nostalgic and gratuitously traditional. But I would argue that as the shape of time has changed around it, the meaning of patience today has reversed itself from its original connotations. The virtue of patience was originally associated with forbearance or sufferance. It was about conforming oneself to the need to wait for things. But now that, generally, one need *not* wait for things, patience becomes an active and positive cognitive state. Patience no longer connotes disempowerment—perhaps now patience is power.

If “patience” sounds too old-fashioned, let's call it “time management” or “temporal intelligence” or “massive temporal distortion engineering.” Either way, an awareness of time and patience as a productive medium of learning is something that I feel is urgent to model for—and expect of—my students.

Jennifer Roberts – HILT 2013 Conference



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*Jennifer L. Roberts's new book, [Transporting Visions: The Movement of Images in Early America](#), to be published in February by the University of California Press, is a material history of visual communication from 1760 to 1860. It focuses on works by Copley, John James Audubon, and Asher B. Durand.*

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**Rob Chapman** · 2 years ago

Thanks to Jennifer Roberts for this thoughtful article.

It brings to mind an instance when I brought my daughter to view a major exhibition in an established museum in a large eastern US city.

She became entranced with and spent a rather long time viewing a picture of a young woman.

Although she was standing back and a bit to the side, people swirled about her, many of them shooting her rather dirty looks. I came up and asked my daughter to explain the painting to me.

Her response was to say that the painting explained itself, and she pointed out that there were despairing little messages written in small letters in the folds of the young woman's dress.

Ever since then, I have tried to decelerate and look for patterns and symbols in paintings. Jennifer Roberts did a fine job of describing the secret messages hidden in this particular work.

But how often, even when stopping to smell the roses, do we fail to see what we are looking at?

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**Rebecca R.** → Rob Chapman · 2 years ago

wow! what painting was she looking at?

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**Jim Gross** · 2 years ago

I graduated from Harvard College in 1959. I spent the next 54 years trying to do everything as quickly as possible. I think everyone understands that mental and emotional state of mind. I am now retired and living in Thailand and have decided to go back to school by way of the internet. The existence of MOOC is a most amazing development. Because I have the time, I am involved in taking 5 courses, mostly having to do with history and philosophy, and have completed 1 course on the Theory of Special Relativity, and 1 in Algebra. What I have noticed about my pattern of learning, as different from my days at Harvard, is that I am taking the time to read slowly and take time to think about what I have read. As a result I believe that I am retaining more of what I am studying and enjoying it more. As a student, I was eager to cram as much information into my brain as I could, not taking the time nor having the patience to think about what I was learning. I did not use my time well as a student, and I am definitely using my time very well as a 76 year old. I am on top of my 5 courses, playing golf, playing my guitar, spending time in nature, have a reasonable social life, and am enjoying my life very much. I have nothing but praise for how Coursera, edX, and other sights are enabling people around the world to learn. The courses are structured in such a way that they are not emphasizing the grade and expecting the student to put everything into memory to take a test. Instead, one can

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**Bill Hendricks** → Jim Gross · 2 years ago

When I was an English student at Harvard (1972-1976), I was given assignments like, "Read Moby Dick for the next class." Needless to say, with all the other classes I was taking (say, Greek, calculus, one or two other English courses, plus an elective) and their time-consuming assignments, I was forced to skim Moby Dick. In fact, I skimmed virtually all of the literature assigned during college. What other choice was I given? The one exception was Paradise Lost, to which I probably devoted as much time as Jennifer Roberts has devoted to Boy With a Squirrel. I just didn't care about the other coursework when I was reading Milton (as my grades soon indicated). It was only after graduating that I found time to attend to Moby Dick and all the other treasures of English and American literature. So I don't know. My Harvard degree represented that I had some small proficiency in that field, but maybe all it

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