March 23, 2013

Writing Proficiency Examination

Reading Packet

These readings are specific to the writing proficiency exam scheduled for March 23, 2013.
Ward 2
10 am-1 pm

Copies of these readings will be available at the exam.

For details on the exam, see the information packet.

Excerpt from:

From Inquiry to Academic Writing

By: Stuart Greene and April Lidinsky

Bedford/St. Martin's; Boston/New York

GERALD GRAFF

Other Voices, Other Rooms

Gerald Graff, a professor of English and education at the University of Illinois at Chicago, has become a leading voice in debates about current directions in college education. He is the author of several books on this topic, including *Clueless in Academe: How Schooling Obscures the Life of the Mind* (2003), a text whose subtitle has raised eyebrows and hackles. While Graff himself teaches in a mainstream university, he is interested in asking difficult questions about the standard curriculum taught in most colleges, how teachers impart this material, and, ultimately, the purposes of this kind of education. Graff is perhaps most famous for coining the concept of "teaching the controversy," by which he means that instructors should teach students the conflicts around issues in specific fields in order to show how knowledge comes to be established in a context of swirling conversations. Too often, he argues, students are taught isolated bits of knowledge in different courses and are never given access to the bigger picture, much less the tools to challenge the values and assumptions implicit in the ideas they are learning.

An undergraduate tells of an art history course in which the instructor observed one day, "As we now know, the idea that knowledge can be objective is a positivist myth that has been exploded by postmodern thought." It so happens the student is concurrently enrolled in a political science course in which the instructor speaks confidently about the objectivity of his discipline as if it had not been "exploded" at all. What do you do? the student is asked. "What else can I do?" he says: "I trash objectivity in art history, and I presuppose it in political science." *1*

A second undergraduate describes a history teacher who makes a point of stressing the superiority of Western culture in developing the ideas of freedom, democracy, and free-market capitalism that the rest of the world is now rushing to imitate. She also has a literature teacher who describes such claims of Western supremacy as an example of the hegemonic ideology by which the United States arrogates the right to police the world. When asked which course she prefers, she replies, "Well, I'm getting an A in both." *2*

To some of us these days, the moral of these stories would be that students have become cynical relativists who care less about convictions than about grades and careers. In fact, if anything is surprising, it is that more students do not behave in this cynical fashion, for the established curriculum encourages it. The disjunction of the curriculum is a far more powerful source of relativism than any doctrine preached by the faculty. *3*

One of the oddest things about the university is that it calls itself a community of scholars yet organizes its curriculum in a way that conceals the links of the community from those who are not already aware of them. The courses being given at any moment on a campus represent any number of rich potential conversations within and across the disciplines. But since students experience these conversations only as a series of monologues, the conversations become actual only for the minority who can reconstruct them on their own. No self-respecting educator would deliberately design a system guaranteed to keep students dependent on the whim of the individual instructor. Yet this is precisely the effect of a curriculum composed of courses that are not in dialogue with one another. *4*

Ships in the Night

The problem deepens when teachers are further apart. A student today can go from a course in which the universality of Western culture is taken for granted (and therefore not articulated) to a course in which it is taken for granted (and therefore not articulated) that such claims of universality are fallacious and deceptive. True, for the best students the resulting cognitive dissonance is no great problem. The chance to try on a variety of clashing ideas, to see what they feel like, is one of the most exciting opportunities an education can provide; it can be especially rewarding for students who come to the university with already developed skills at summarizing and *5*

weighing arguments and synthesizing conflicting positions on their own. Many students, however, become confused or indifferent and react as the above two students did by giving their teachers whatever they seem to want even though it is contradictory.

6 Then, too, when their teachers' conflicting perspectives do not enter into a common discussion, students may not even be able to infer what is wanted. Like everyone else, teachers tend to betray their crucial assumptions as much in what they do *not* say, what they take to go without saying, as in what they say explicitly. To students who are not at home in the academic intellectual community, the significance of these silences and exclusions is likely to be intimidating, if it does not elude them entirely.

7 Furthermore, in an academic environment in which there is increasingly less unspoken common ground, it may not even be clear to students that their teachers are in conflict, for different words may be used by several teachers for the same concepts or the same words for different concepts. If students do not know that "positivism" has in some quarters become a derogatory buzzword for any belief in objectivity, they may not become aware that the art history and political science teachers in the above example are in disagreement. A student who goes from one humanist who speaks of "traditional moral themes" to another who speaks of "patriarchal discursive practices" may not become aware that the two teachers are actually referring to the same thing. Students in such cases are being exposed to some of the major cultural debates of their time, but in a way that makes it difficult to recognize them *as* debates.

8 Note, too, that the instructors in these situations are protected by the insularity of their classrooms, which makes it unnecessary, if not impossible, for them to confront the challenges to their assumptions that would be represented by their colleagues. Professors do not expect such immunity from peer criticism when they publish their work or appear at professional conferences. It is only in the classroom that such immunity is taken for granted as if it were a form of academic freedom. Since students enjoy no such protection, one can hardly blame them if they, too, protect themselves by compartmentalizing the contradictions to which they are exposed, as my first student did when he became an objectivist in one course and an antiobjectivist in the other.

9 I recall a semester late in college when I took a course in modern poetry taught by a New Critic, a follower of T. S. Eliot, and a course in seventeenth-century English literature taught by an older scholar who resented Eliot and the New Critics, who had attacked John Milton for his grandiloquence and lack of irony. Three days a week between ten and eleven I listened with dutiful respect to the New Critic's theories of irony and paradox, and between eleven and twelve I listened with dutiful respect to the argument that these New Critical theories had no application whatsoever to Milton, Dryden, and their contemporaries. What was really odd, however, is that I hardly focused at the time on the fact that my two teachers were in disagreement.

Was I just ridiculously slow to comprehend the critical issues that were at stake? Perhaps so, but since no one was asking me to think about the relationship between the two courses, I did not. If my teachers disagreed, this was their business—a professional dispute that did not concern me. Each course was challenging enough on its own terms, and to have raised the question of how they related would have only risked needlessly multiplying difficulties for myself. Then, too, for me to ask my teachers about their differences might have seemed impertinent and ill-mannered—who was I to impugn their authority? Only later did it dawn on me that studying different centuries and clashing theories without having them brought together had made things much *harder* since it removed the element of contrast. 10

Contrast is fundamental to understanding, for no subject, idea, or text is an island. In order to become intelligible "in itself," it needs to be seen in its relation to other subjects, ideas, and texts. When this relation of interdependence is obscured because different courses do not communicate, subjects, ideas, and texts become harder to comprehend, if not unintelligible. We think we are making things simpler for students by abstracting periods, texts, and authors from their relationships with other periods, texts, and authors so that we can study them closely in a purified space. But the very act of isolating an object from its contrasting background and relations makes it hard to grasp. Since we cannot talk about everything all at once, subjects do have to be distinguished and to that extent isolated from one another. But this isolation does not have to preclude connections and relations. It is hard to grasp the modernity of modern literature unless one can compare it with something that is not modern. 11

That is why teachers in modern periods need nonmodernists (and vice versa) in order to make their subjects intelligible to their students, just as teachers who defend the culture of the West need the teachers who criticize it (and vice versa). Without the criticisms, after all, there would be no need to defend the West to begin with. Insofar as neither a defense nor a critique of tradition makes sense apart from the dialogue these positions are engaged in, a curriculum which removes that dialogue from view defeats the goals of traditionalists and revisionists alike. It is true that fundamental conflicts like these may turn out to be nonnegotiable. But no one knows this in advance, and even if a dispute proves to be nonnegotiable, to learn that this is the case is not worthless. 12

I noted earlier that among the factors that make academic culture more confusing today than in the past is not only that there is more controversy but that there is even controversy about what can legitimately be considered controversial. Traditionalists are often angry that there should even *be* a debate over the canon, while revisionists are often angry that there should even be a debate over "political correctness," or the relevance of ideology and politics to their subjects. A recent feminist critic says she finds it "astonishing" that it still needs repeating at this late date that "the perspective assumed to be 'universal' which has dominated knowledge... has actually been male and culture-bound."[1] Since the feminist argument, 13

however, is that we still fail to see how culture-bound our thinking is, it is hard to see why this critic should be astonished that she still needs to make the point. Another political critic writes that "we are perhaps already weary of the avalanche of papers, books, and conferences entitled 'The Politics of X,' and we have recently begun to question that most hallowed of all political slogans on the left, 'everything is political.'"[2] Yet the idea of politics that this critic and her audience are already "weary of" is one that most people have not yet encountered and might well find incomprehensible. The "advanced" academic and the layperson (or the traditional academic) are so far apart that what is already old news to one has not yet become intelligible to the other.

14 Imagine how this affects students who, at the moment they are negotiating the difficult transition from the lay culture to the academic culture, must also negotiate the unpredictable and unfathomable discrepancies between academic departments and factions. When there is no correlation of the different discourses to which students are exposed, it becomes especially difficult for them to infer which assumptions are safe and which are likely to be challenged. The problem is that knowledge of what is and is not considered potentially or legitimately controversial cannot be learned a priori; you cannot get it out of E. D. Hirsch's *Dictionary of Cultural Literacy.* Such knowledge comes only through interaction with a community, and that interaction is precisely what is prevented by a disconnected system of courses. Then, too, assumptions about what is and is not potentially controversial tend to change from one moment to the next and one subcommunity to the next, and they are changing at a faster rate today than in the past.

15 Thomas S. Kuhn in *The Structure of Scientific Revolutions* describes moments of crisis or "paradigm shift" in the sciences, when "a law that cannot even be demonstrated to one group of scientists may . . . seem intuitively obvious to another."[3] The fate of Kuhn's own book is an interesting case in point. Even as his sociological account of scientific paradigm change has been treated as virtual holy writ by many literary theorists (for a while it seemed almost obligatory to begin every book or essay with a respectful bow to Kuhn), his work has often been ignored or dismissed by scientists and philosophers of science, who accuse him of subverting the concept of objective truth in reducing scientific discovery to "mob psychology." As the controversy over Kuhn has revealed, both the literati and the scientists have remained largely walled up within their clashing assumptions about objectivity, the smugness of which might have been punctured had these parties been forced to argue with each other in their teaching. This mutual smugness has persisted in the sniper fire that continues to be exchanged over the concept of objectivity and the extent to which knowledge is independent of the social situation of the knower; revisionists sneer at the concept and traditionalists sneer at the very idea of questioning it.

16 The question neither group seems to ask is what it must be like to be a student caught in the crossfire between these conflicting views of

objectivity, each one prone to present itself as "intuitively obvious" and uncontroversial. A rhetoric scholar, Gregory Colomb, has studied the disorientation experienced by a bright high school graduate who, after doing well in a humanities course as a freshman at the University of Chicago, tried to apply her mastery to a social science course, only to come up with a grade of C.[4] Imagine trying to write an academic paper when you sense that almost anything you say can be used against you and that the intellectual moves that got you an A in existentialist philosophy may get you a C minus and a dirty look in Skinnerian behaviorism.

17 Consider the fact that the passive voice that is so standard in sociology writing ("it will be contended in this paper . . .") has been perennially rebuked in English courses.[5] Or consider something so apparently trivial as the convention of using the present tense to describe actions in literature and philosophy and the past tense to describe them in history. Plato *says* things in literary and philosophical accounts while in historical accounts he *said* them. Experienced writers become so accustomed to such tense shifting that it seems a simple matter, but it reflects deep-rooted and potentially controversial differences between disciplines. Presumably, Plato speaks in the present in literary and philosophical contexts because ideas there are considered timeless; only when we move over to history does it start to matter that the writer is dead.[6] We English teachers write "tense shift" in the margin when student writers betray uncertainty about this convention, but how do we expect them to "get" it when they pass from the very different time zones of history and philosophy/English with no engagement of the underlying issues?

18 One of the most frequent comments teachers make on student papers is "What's your evidence?" But nobody would ever finish a piece of writing if it were necessary to supply evidence for everything being said, so in order to write, one must acquire a sense of which statements have to be supported by evidence (or further argument) and which ones a writer can get away with because they are already taken for granted by the imagined audience. What happens, then, when a writer has no way of knowing whether an assumption that he or she got away with audience A will also be conceded by audience B? It is no wonder that students protect themselves from the insecurity of such a situation by "psyching out" each course as it comes—and then forgetting about it as soon as possible after the final exam in order to clear their minds for the seemingly unrelated demands of the next set of courses.

19 It is not only ideas and reasoning processes but the recall of basic information as well that figure to be impaired by disjunctive curricular organization. To use the jargon of information theory, an information system that is experienced as an unrelated series of signals will be weak in the kind of redundancy that is needed for information to be retained. Faced with a curriculum overloaded with data and weak in redundancy, students may find it difficult to know which items of information they are supposed to remember. Then, too, a student may be exposed to the same informa-

tion in several courses while failing to recognize it as "the same," since it is contextualized differently in each course. When students fail to identify a cultural literacy item on a test, the problem may be not that they don't know the information but that they don't know they know it; they may have learned it in a context whose relevance to the test question they don't recognize. What is learned seems so specific to a particular course that it is difficult for students to see its application beyond.

20 The critic Kenneth Burke once compared the intellectual life of a culture to a parlor in which different guests are forever dropping in and out. As the standard curriculum represents the intellectual life, however, there is no parlor; the hosts congregate in separate rooms with their acolytes and keep their differences and agreements to themselves. Making one's way through the standard curriculum is rather like trying to comprehend a phone conversation by listening at only one end.[7] You can manage it up to a point, but this is hardly the ideal way to do it.

21 To venture a final comparison, it is as if you were to try to learn the game of baseball by being shown a series of rooms in which you see each component of the game separately: pitchers going through their windups in one room; hitters swinging their bats in the next; then infielders, outfielders, umpires, fans, field announcers, ticket scalpers, broadcasters, hotdog vendors, and so on. You see them all in their different roles, but since you see them separately you get no clear idea of what the game actually looks like or why the players do what they do. No doubt you would come away with a very imperfect understanding of baseball under these conditions. Yet it does not seem far-fetched to compare these circumstances with the ones students face when they are exposed to a series of disparate courses, subjects, and perspectives and expected not only to infer the rules of the academic-intellectual game but to play it competently themselves.

NOTES

1. Gayle Green, "The Myth of Neutrality, Again?" in *Shakespeare Left and Right*, ed. Ivo Kamps (New York: Routledge, 1991), p. 24.

2. Diana Fuss, *Essentially Speaking: Feminism, Nature and Difference* (New York: Routledge, 1989), p. l05.

3. Thomas S. Kuhn, *The Structure of Scientific Revolutions*, 2d ed. (Chicago: University of Chicago Press, 1970), p. 150.

4. Gregory Colomb, *Disciplinary "Secrets" and the Apprentice Writer: The Lessons for Critical Thinking* (Upper Montclair, N.J.: Montclair State College, Institute for Critical Thinking, 1988), pp. 2–3.

5. For this point I am indebted to an unpublished talk by Susan Lowry.

6. I am indebted for this point to Susan H. McLeod, "Writing across the Curriculum: An Introduction," forthcoming in *Writing across the Curriculum: A Guide to Developing Programs*, ed. McLeod and Margot Soven (Newberry Park, Calif.: Sage, 1992).

7. I adapt an observation made in a somewhat different context by Mary Louise Pratt, "Humanities for the Future: Reflections on the Western Culture Debate at Stanford," in *Politics of Liberal Education* (Durham: Duke University Press, 1992), p. 19.

Fields of Reading

Motives for Writing

Nancy R. Comley | Queens College, CUNY

David Hamilton | Univeristy of Iowa

Carl H. Klaus | University of Iowa

Robert Scholes | Brown University

Nancy Sommers | Harvard University

Jason Tougaw | Queens College, CUNY

TENTH EDITION

BEDFORD/ST. MARTIN'S
Boston • New York

ARGUING

Connectivity and Its Discontents

Sherry Turkle

Sociologist and psychologist Sherry Turkle (b. 1948) is Abby Rockefeller Mauzé Professor of the Social Studies of Science and Technology at the Massachusetts Institute of Technology. An expert on sociable robotics, she has written widely on the psychological aspects of the relationship between human beings and technology. Her books include *The Second Self: Computers and the Human Spirit* (1984), *Life on the Screen: Identity in the Age of the Internet* (1995), and *Simulation and Its Discontents* (2009), and she has edited three volumes on the subject of humans' response to objects. Her work focuses on the relationship between humans and machines, a topic she explores in "Connectivity and Its Discontents," which originally appeared in her book *Alone Together: Why We Expect More from Technology and Less from Each Other* (2011).

Online connections were first conceived as a substitute for face-to-face contact, when the latter was for some reason impractical: Don't have time to make a phone call? Shoot off a text message. But very quickly, the text message became the connection of choice. We discovered the network—the world of connectivity—to be uniquely suited to the overworked and overscheduled life it makes possible. And now we look to the network to defend us against loneliness even as we use it to control the intensity of our connections. Technology makes it easy to communicate when we wish and to disengage at will.

A few years ago at a dinner party in Paris, I met Ellen, an ambitious, elegant young woman in her early thirties, thrilled to be working at her dream job in advertising. Once a week, she would call her grandmother in Philadelphia using Skype, an Internet service that functions as a telephone with a Web camera. Before Skype, Ellen's calls to her grandmother were costly and brief. With Skype, the calls are free and give the compelling sense that the other person is present—Skype is an almost real-time video link. Ellen could now call more frequently: "Twice a week and I stay on the call for an hour," she told me. It should have been rewarding; instead, when I met her, Ellen was unhappy. She knew that her grandmother was unaware that Skype allows surreptitious multitasking. Her grandmother could see Ellen's face on the screen but not her hands. Ellen admitted to me, "I do my e-mail during the calls. I'm not really paying attention to our conversation."

Ellen's multitasking removed her to another place. She felt her grandmother was talking to someone who was not really there. During their Skype conversations, Ellen and her grandmother were more connected than they had ever been before, but at the same time, each was alone. Ellen felt guilty and confused: she knew that her grandmother was happy, even if their intimacy was now, for Ellen, another task among multitasks.

I have often observed this distinctive confusion: these days, whether you are online or not, it is easy for people to end up unsure if they are closer together or further apart. I remember my own sense of disorientation the first time I realized that I was "alone together." I had traveled an exhausting thirty-six hours to attend a conference on advanced robotic technology held in central Japan. The packed grand ballroom was Wi-Fi enabled: the speaker was using the Web for his presentation, laptops were open throughout the audience, fingers were flying, and there was a sense of great concentration and intensity. But not many in the audience were attending to the speaker. Most people seemed to be doing their e-mail, downloading files, and surfing the Net. The man next to me was searching for a *New Yorker* cartoon to illustrate his upcoming presentation. Every once in a while, audience members gave the speaker some attention, lowering their laptop screens in a kind of curtsy, a gesture of courtesy.

5 Outside, in the hallways, the people milling around me were looking past me to virtual others. They were on their laptops and their phones, connecting to colleagues at the conference going on around them and to others around the globe. There but not there. Of course, clusters of people chatted with each other, making dinner plans, "networking" in that old sense of the word, the one that implies having a coffee or sharing a meal. But at this conference, it was clear that what people mostly want from public space is to be alone with their personal networks. It is good to come together physically, but it is more important to stay tethered to our devices. I thought of how Sigmund Freud considered the power of communities both to shape and to subvert us, and a psychoanalytic pun came to mind: "connectivity and its discontents."

The phrase comes back to me months later as I interview management consultants who seem to have lost touch with their best instincts for what makes them competitive. They complain about the BlackBerry revolution, yet accept it as inevitable while decrying it as corrosive. They say they used to talk to each other as they waited to give presentations or took taxis to the airport; now they spend that time doing e-mail. Some tell me they are making better use of their "downtime," but they argue without conviction. The time that they once used to talk as they waited for appointments or drove to the airport was never downtime. It was the time when far-flung global teams solidified relationships and refined ideas.

In corporations, among friends, and within academic departments, people readily admit that they would rather leave a voicemail or send an e-mail than talk face-to-face. Some who say "I live my life on my BlackBerry" are forthright about avoiding the "real-time" commitment of a phone call. The new technologies allow us to "dial down" human contact, to titrate its nature and extent. I recently overheard a conversation in a restaurant between two women. "No one answers the phone in our house anymore," the first woman proclaimed with some consternation. "It used to be that the kids would race to pick up the phone. Now they are up in their rooms, knowing no one is going to call them, and texting and going on Facebook or whatever instead." Parents with teenage children will be nodding at this very familiar story in recognition and perhaps

a sense of wonderment that this has happened, and so quickly. And teenagers will simply be saying, "Well, what's your point?"

A thirteen-year-old tells me she "hates the phone and never listens to voice-mail." Texting offers just the right amount of access, just the right amount of control. She is a modern Goldilocks: For her, texting puts people not too close, not too far, but at just the right distance. The world is now full of modern Goldilockses, people who take comfort in being in touch with a lot of people whom they also keep at bay. A twenty-one-year-old college student reflects on the new balance: "I don't use my phone for calls anymore. I don't have the time to just go on and on. I like texting, Twitter, looking at someone's Facebook wall. I learn what I need to know."

Randy, twenty-seven, has a younger sister—a Goldilocks who got her distances wrong. Randy is an American lawyer now working in California. His family lives in New York, and he flies to the East Coast to see them three or four times a year. When I meet Randy, his sister Nora, twenty-four, had just announced her engagement and wedding date via e-mail to a list of friends and family. "That," Randy says to me bitterly, "is how I got the news." He doesn't know if he is more angry or hurt. "It doesn't feel right that she didn't call," he says. "I was getting ready for a trip home. Couldn't she have told me then? She's my sister, but I didn't have a private moment when she told me in person. Or at least a call, just the two of us. When I told her I was upset, she sort of understood, but laughed and said that she and her fiancé just wanted to do things simply, as simply as possible. I feel very far away from her."

Nora did not mean to offend her brother. She saw e-mail as efficient and did not see beyond. We have long turned to technology to make us more efficient in work; now Nora illustrates how we want it to make us more efficient in our private lives. But when technology engineers intimacy, relationships can be reduced to mere connections. And then, easy connection becomes redefined as intimacy. Put otherwise, cyberintimacies slide into cybersolitudes. 10

And with constant connection comes new anxieties of disconnection, a kind of panic. Even Randy, who longs for a phone call from Nora on such an important matter as her wedding, is never without his BlackBerry. He holds it in his hands during our entire conversation. Once, he puts it in his pocket. A few moments later, it comes out, fingered like a talisman. In interviews with young and old, I find people genuinely terrified of being cut off from the "grid." People say that the loss of a cell phone can "feel like a death." One television producer in her mid-forties tells me that without her smartphone, "I felt like I had lost my mind." Whether or not our devices are in use, without them we feel disconnected, adrift. A danger even to ourselves, we insist on our right to send text messages while driving our cars and object to rules that would limit the practice.

Only a decade ago, I would have been mystified that fifteen-year-olds in my urban neighborhood, a neighborhood of parks and shopping malls, of front stoops and coffee shops, would feel the need to send and receive close to six thousand messages a month via portable digital devices or that best friends would assume that when they visited, it would usually be on the virtual real

estate of Facebook. It might have seemed intrusive, if not illegal, that my mobile phone would tell me the location of all my acquaintances within a ten-mile radius. But these days we are accustomed to all this. Life in a media bubble has come to seem natural. So has the end of a certain public etiquette: On the street, we speak into the invisible microphones on our mobile phones and appear to be talking to ourselves. We share intimacies with the air as though unconcerned about who can hear us or the details of our physical surroundings.

I once described the computer as a second self, a mirror of mind. Now the metaphor no longer goes far enough. Our new devices provide space for the emergence of a new state of the self, itself, split between the screen and the physical real, wired into existence through technology.

Teenagers tell me they sleep with their cell phone, and even when it isn't on their person, when it has been banished to the school locker, for instance, they know when their phone is vibrating. The technology has become like a phantom limb, it is so much a part of them. These young people are among the first to grow up with an expectation of continuous connection: always on, and always on them. And they are among the first to grow up not necessarily thinking of simulation as second best. All of this makes them fluent with technology but brings a set of new insecurities. They nurture friendships on social-networking sites and then wonder if they are among friends. They are connected all day but are not sure if they have communicated. They become confused about companionship. Can they find it in their lives on the screen? Could they find it with a robot? Their digitized friendships—played out with emoticon emotions, so often predicated on rapid response rather than reflection—may prepare them, at times through nothing more than their superficiality, for relationships that could bring superficiality to a higher power, that is, for relationships with the inanimate. They come to accept lower expectations for connection and, finally, the idea that robot friendships could be sufficient unto the day.

15 Overwhelmed by the volume and velocity of our lives, we turn to technology to help us find time. But technology makes us busier than ever and ever more in search of retreat. Gradually, we come to see our online life as life itself. We come to see what robots offer as relationship. The simplification of relationship is no longer a source of complaint. It becomes what we want. These seem the gathering clouds of a perfect storm.

Technology reshapes the landscape of our emotional lives, but is it offering us the lives we want to lead? Many roboticists are enthusiastic about having robots tend to our children and our aging parents, for instance. Are these psychologically, socially, and ethically acceptable propositions? What are our responsibilities here? And are we comfortable with virtual environments that propose themselves not as places for recreation but as new worlds to live in? What do we have, now that we have what we say we want—now that we have what technology makes easy? This is the time to begin these conversations, together. It is too late to leave the future to the futurists.