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June 12, 2011

Rule Breaker

When it comes to morality, the philosopher Patricia Churchland refuses to stand on principle



Sandy Huffaker for The Chronicle Review

Patricia S. Churchland studies the biological roots of morality.

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see how it had anything to do with evolutionary biology, which it *has* to do, and I couldn't see how to attach it to the brain."

For people familiar with Churchland's work over the past four decades, her desire to bring the brain into the discussion will come as no surprise: She has long made the case that philosophers must take account of neuroscience in their investigations.

While Churchland's intellectual opponents over the years have suggested that you can understand the "software" of thinking, independently of the "hardware"—the brain structure and neuronal firings—that produced it, she has responded that this metaphor doesn't work with the brain: Hardware and software are intertwined to such an extent that all philosophy must be "neurophilosophy." There's no other way.

Churchland, professor emerita of philosophy at the University of California at San Diego, has been best known for her work on the nature of consciousness. But now, with a new book, *Braintrust: What Neuroscience Tells Us About Morality* (Princeton University Press), she is taking her perspective into fresh terrain: ethics. And the story she tells about morality is, as you'd expect, heavily biological, emphasizing the role of the peptide oxytocin, as well as related neurochemicals.

Oxytocin's primary purpose appears to be in solidifying the bond between mother and infant, but Churchland argues—drawing on the work of biologists—that there are significant spillover effects: Bonds of empathy lubricated by oxytocin expand to include, first, more distant kin and then other members of one's in-group. (Another neurochemical, arginine vasopressin, plays a

By Christopher Shea

New York

Patricia S. Churchland, the philosopher and neuroscientist, is sitting at a cafe on the Upper West Side, explaining the vacuousness, as she sees it, of a vast swath of contemporary moral philosophy. "I have long been interested in the origins of values," she says, the day after lecturing on that topic at the nearby American Museum of Natural History. "But I would read contemporary ethicists and just feel very unsatisfied. It was like I couldn't see how to tether any of it to the hard and fast. I couldn't

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2 Universities Under the Legal Gun



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By Marc Parry

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related role, as do endogenous opiates, which reinforce the appeal of cooperation by making it feel good.)

The biological picture contains other elements, of course, notably our large prefrontal cortexes, which help us to take stock of situations in ways that lower animals, driven by "fight or flight" impulses, cannot. But oxytocin and its cousin-compounds ground the human capacity for empathy. (When she learned of oxytocin's power, Churchland writes in *Braintrust*, she thought: "This, perhaps, Hume might accept as the germ of 'moral sentiment.'")

From there, culture and society begin to make their presence felt, shaping larger moral systems: tit-for-tat retaliation helps keep freeloaders and abusers of empathic understanding in line. Adults pass along the rules for acceptable behavior—which is not to say "just" behavior, in any transcendent sense—to their children. Institutional structures arise to enforce norms among strangers within a culture, who can't be expected to automatically trust each other.

These rules and institutions, crucially, will vary from place to place, and over time. "Some cultures accept infanticide for the disabled or unwanted," she writes, without judgment. "Others consider it morally abhorrent; some consider a mouthful of the killed enemy's flesh a requirement for a courageous warrior, others consider it barbaric."

Hers is a bottom-up, biological story, but, in her telling, it also has implications for ethical theory. Morality turns out to be not a quest for overarching principles but rather a process and practice not very different from negotiating our way through day-to-day social life. Brain scans, she points out, show little to no difference between how the brain works when solving social problems and how it works when solving ethical dilemmas.

Churchland's position within academic philosophy is ambiguous. In conversation, she is far more likely to cite writers like the science journalist Matt Ridley, author of *The Rational Optimist: How Prosperity Evolves*, or the economist Paul Seabright, author of *The Company of Strangers: A Natural History of Economic Life*, than contemporary philosophers. But her biocultural view is compatible, she thinks, with Aristotle's argument that morality is not about rule-making but instead about the cultivation of moral sentiment through experience, training, and the following of role models. The biological story also confirms, she thinks, David Hume's assertion that reason and the emotions cannot be disentangled. This view stands in sharp contrast to those philosophers who argue that instinctual reactions must be scrutinized by reason. The villains of her books are philosophical system-builders—whether that means Jeremy Bentham, with his ideas about maximizing aggregate utility ("the greatest good for the greatest number"), or Immanuel Kant, with his categorical imperatives (never lie!), or John Rawls, erector of *A Theory of Justice*.

Churchland thinks the search for what she invariably calls "exceptionless rules" has deformed modern moral philosophy. "There have been a lot of interesting attempts, and interesting insights, but the target is like perpetual youth or a perpetual-motion machine. You're not going to find an exceptionless rule," she says. "What seems more likely is that there is a basic platform that people share and that things shape themselves based on that platform, and based on ecology, and on certain needs and certain traditions."

The upshot of that approach? "Sometimes there isn't an answer in the moral domain, and sometimes we have to agree to disagree, and come together and arrive at a good solution about what we will live with."

Owen Flanagan Jr., a professor of philosophy and neurobiology at Duke University and a friend of Churchland's, adds, "There's a long tradition in philosophy that morality is based on rule-following, or on intuitions that only specially positioned people can have. One of her main points is that that is just a completely wrong picture of the genealogical or descriptive story. The first thing to do is to emphasize our continuity with the animals." In fact, Churchland believes that primates and even some birds have a moral sense, as she defines it, because they, too, are social problem-solvers.

Recognizing our continuity with a specific species of animal was a turning point in her thinking about morality, in recognizing that it could be tied to the hard and fast. "It all changed when I learned about the prairie voles," she says—surely not a phrase John Rawls ever uttered.

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She told the story at the natural-history museum, in late March. Montane voles and prairie voles are so similar "that naifs like me can't tell them apart," she told a standing-room-only audience (younger and hipper than the museum's usual patrons—the word "neuroscience" these days is like catnip). But prairie voles mate for life, and montane voles do not. Among prairie voles, the males not only share parenting duties, they will even lick and nurture pups that aren't their own. By contrast, male montane voles do not actively parent even their own offspring. What accounts for the difference? Researchers have found that the prairie voles, the sociable ones, have greater numbers of oxytocin receptors in certain regions of the brain. (And prairie voles that have had their oxytocin receptors blocked will not pair-bond.)

"As a philosopher, I was stunned," Churchland said, archly. "I thought that monogamous pair-bonding was something one determined for oneself, with a high level of consideration and maybe some Kantian reasoning thrown in. It turns out it is mediated by biology in a very real way."

The biologist Sue Carter, now at the University of Illinois at Chicago, did some of the seminal work on voles, but oxytocin research on humans is now extensive as well. In a study of subjects playing a lab-based cooperative game in which the greatest benefits to two players would come if the first (the "investor") gave a significant amount of money to the second (the "trustee"), subjects who had oxytocin sprayed into their noses donated more than twice as often as a control group, giving nearly one-fifth percent more each time.

Paul Zak, an economist at Claremont Graduate University, was an author of that study, as well as others that Churchland cites. He is working on a book called "The Moral Molecule" and describes himself as "in exactly the same camp" as Churchland.

"Oxytocin works on the level of emotion," he says. "You just get the feeling of right and wrong. It is less precise than a Kantian system, but it's consistent with our evolved physiology as social creatures."

The City University of New York Graduate Center philosopher Jesse Prinz, who appeared with Churchland at a Columbia University event the night after her museum lecture, has mostly praise for Churchland's latest offering. "If you look at a lot of the work that's been done on scientific approaches to morality—books written for a lay audience—it's been about evolutionary psychology. And what we get again and again is a story about the importance of evolved tendencies to be altruistic. That's a report on a particular pattern of behavior, and an evolutionary story to explain the behavior. But it's not an account of the underlying mechanism. The idea that science has moved to a point where we can see two animals working together toward a collective end and know the brain mechanism that allows that is an extraordinary achievement."

Nevertheless, he says, how to move from the possibility of collective action to "the specific human institution of moral rules is a bit of connective tissue that she isn't giving us."

Indeed, that's one of the most striking aspects of *Braintrust*. After Churchland establishes the existence of a platform for moral decision-making, she describes the process through which moral decisions come to be made, but she says little about their content—why one path might be better than another. She offers the following description of a typical "moral" scenario. A farmer sees a deer breaching his neighbor's fence and eating his apples while the neighbor is away. The farmer will not consult a Kantian rule book before deciding whether to help, she writes, but instead will weigh an array of factors: Would I want my neighbor to help me? Does my culture find such assistance praiseworthy or condescending? Am I faced with any pressing emergencies on my own farm? Churchland describes this process of moral decision-making as being driven by "constraint satisfaction."

"What exactly *constraint satisfaction* is in neurobiological terms we do not yet understand," she writes, "but roughly speaking it involves various factors with various weights and probabilities interacting so as to produce a suitable solution to a question."

"Various" factors with "various" weights? Is that not a little vague? But Duke's Owen Flanagan Jr. defends this highly pragmatic view of morality. "Where we get a lot of pushback from philosophers is that they'll say, 'If you go this naturalistic route that Flanagan and Churchland go, then you make ethics merely a theory of prudence.' And the answer is, Yeah, you kind of do that."

Morality doesn't become any different than deciding what kind of bridge to build across a river. The reason we both think it makes sense is that the other stories"—that morality comes from God, or from philosophical intuition—"are just so implausible."

Flanagan also thinks Churchland's approach leads to a "more democratic" morality. "It's ordinary people discussing the best thing to do in a given situation, given all the best information available at the moment." Churchland herself often underscores that democratic impulse, drawing on her own biography. She grew up on a farm, in the Okanagan Valley, in British Columbia. Speaking of her onetime neighbors, she says: "I got as much wisdom from some of those old farmers as I ever got from a seminar on moral philosophy."

If building a bridge is the topic up for discussion, however, one can assume that most people think getting across the water is a sound idea. Yet mainstream philosophers object that such a sense of shared purpose cannot always be assumed in moral questions—and that therefore the analogy fails. "If we knew that abortion was wrong, we could find ways of reducing abortion—we could try to determine what the best policy might be to discourage people from trying to engage in it," says Guy Kahane, deputy director of the Oxford Uehiro Centre for Practical Ethics and the Oxford Centre for Neuroethics, at the University of Oxford. Engineering analogies might be relevant. "But whether abortion is wrong is not such a problem," he says.

Kahane says the complexity of human life demands a more intense and systematic analysis of moral questions than the average citizen might be capable of, at least if she's limited to the basic tool kit of social skills.

Peter Railton, a philosophy professor at the University of Michigan at Ann Arbor, agrees. Our intuitions about how to get along with other people may have been shaped by our interactions within small groups (and between small groups). But we don't live in small groups anymore, so we need some procedures through which we leverage our social skills into uncharted areas—and that is what the traditional academic philosophers, whom Churchland mostly rejects, work on. What are our obligations to future generations (concerning climate change, say)? What do we owe poor people on the other side of the globe (whom we might never have heard of, in our evolutionary past)?

For a more rudimentary example, consider that evolution quite likely trained us to treat "out groups" as our enemy. Philosophical argument, Railton says, can give reasons why members of the out-group are not, in fact, the malign and unusual creatures that we might instinctively think they are; we can thereby expand our circle of empathy.

Churchland's response is that someone is indeed likely to have the insight that constant war against the out-group hurts both sides' interests, but she thinks a politician, an economist, or a farmer-citizen is as likely to have that insight as a professional philosopher.

Churchland is a warm presence and a warm public speaker, but she can also be remarkably acidic in her attacks on other thinkers. The Princeton philosopher Peter Singer, for example, gets a quick drubbing in *Braintrust*. Singer has argued that Westerners should reduce their standard of living substantially to support the developing world. His philosophy is "much more demanding, and much more meddlesome, than the morally moderate, such as I, find reasonable," Churchland writes. "The urgings of the ardent utilitarian sometimes alarm me the way intrusive do-gooders can be alarming, not least because of infringements on liberty and the conflict with paradigmatically good sense."

But isn't she, right there, sneaking in some moral principles that have nothing to do with oxytocin, namely the primacy of liberty over equality? In our interviews, she described Singer's worldview as, in an important sense, unnatural. Applying the same standard to distant foreigners as we do to our own kith and kin runs counter to our most fundamental biological impulses.

But Oxford's Kahane offers a counterargument: "'Are humans capable of utilitarianism?' is not a question that is answered by neuroscience," he says. "We just need to test if people are able to live like that. Science may explain whether it is common for us to do, but that's very different from saying what our limits are."

Indeed, Peter Singer lives (more or less) the way he preaches, and chapters of an organization called Giving What We Can, whose members pledge to give a large portion of their earnings to

charity, have popped up on several campuses. "If I can prevent hundreds of people from dying while still having the things that make life meaningful to me, that strikes me as a good idea that doesn't go against 'paradigmatically good sense' or anything," says Nick Beckstead, a fourth-year graduate student in philosophy and a founder of the group's Rutgers chapter.

Another target in Churchland's book is Jonathan Haidt, the University of Virginia psychologist who thinks he has identified several universal "foundations" of moral thought: protection of society's vulnerable; fairness; loyalty to the in-group; respect for authority; and the importance of purity (a sanitary concern that evolves into the cultural ideal of sanctity). That strikes her as a nice list, but no more—a random collection of moral qualities that isn't at all rooted in biology. During her museum talk, she described Haidt's theory as a classic just-so story. "Maybe in the 70s, when evolutionary psychology was just becoming a thing, you could get away with saying"—here she adopted a flighty, sing-song voice—"It could have been, out there on the veldt, in Africa, 250,000 years ago that these were traits that were selected," she said. "But today you need evidence, actually." The audience tittered. (Universality is not a sign that something is genetically based, she writes in *Braintrust*, adding that a "background hunch about evolution of the human brain" doesn't strengthen Haidt's intellectual case: "If you cannot paddle a canoe with one banana," she concludes, aggressively but mystifyingly, "would using two improve matters materially?")

Her audience laughed harder when she rebutted Haidt's idea that there is anything universal about the reaction of disgust by mentioning that her childhood farm had a "two holer"—a two-seat outhouse. What New Yorkers might have found gross was, in western Canada, 50 years ago, "a social occasion." (Replies a frustrated-sounding Haidt: "That is exactly what my theory is designed to address—that norms and practices vary around the world, yet there is enough similarity in practices that there must be something in human nature at work.")

The element of cultural relativism also remains somewhat mysterious in Churchland's writings on morality. In some ways, her project dovetails with that of Sam Harris, the "New Atheist" (and neuroscience Ph.D.) who believes reason and neuroscience can replace woolly armchair philosophy and religion as guides to morality. But her defense of some practices of primitive tribes, including infanticide (in the context of scarcity) —as well the seizing of enemy women, in raids, to keep up the stock of mates— as "moral" within their own context, seems the opposite of his approach.

I reminded Churchland, who has served on panels with Harris, that he likes to put academics on the spot by asking if they think such practices as the early 19th-century Hindu tradition of burning widows on their husbands' funeral pyres was objectively wrong.

So did she think so? First, she got irritated: "I don't know why you're asking that." But, yes, she finally said, she does think that practice objectively wrong. "But frankly I don't know enough about their values, and why they have that tradition, and I'm betting that Sam doesn't either."

"The example I like to use," she said, "rather than using an example from some other culture and just laughing at it, is the example from our own country, where it seems to me that the right to buy assault weapons really does not work for the well-being of most people. And I think that's an objective matter."

At times, Churchland seems just to want to retreat from moral philosophical debate back to the pure science. "Really," she said, "what I'm interested in is the biological platform. Then it's an open question how we attack more complex problems of social life." But given the broadsides that she has fired in her new book, it seems unlikely that she'll be able to avoid tangling with other moral philosophers. Given her combative sensibility, it also seems likely that she'll enjoy those fights.

Christopher Shea writes the Week in Ideas column for The Wall Street Journal and is lead writer for its Ideas Market blog. He last wrote for The Chronicle Review about Sean Wilentz.

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mark_sloan 3 days ago

Christopher, thank you for a very informative review.

However, I would have liked to have heard Churchland's (or your) response to the large body of work in game theory about the origins of morality. In my opinion, that body of work is well represented by Martin Nowak's recent "SuperCooperators: Altruism, Evolution, and Why We Need Each Other to Succeed".

Perhaps you would consider a review of Supercooperators (even better with an interview with Nowak) with the same kind of drawing together of apparently divergent threads and opinions?

Sure, the biological basis of our moral emotions and intuitions, Churchland's interest, are at bottom a hodgepodge of semi random biological heuristics for negotiating our way through day-to-day social life. I think it is also uncontroversial that past and present practiced cultural moral standards, no matter how diverse, contradictory, and to us disgusting, are, at bottom, a hodgepodge of semi random cultural heuristics for negotiating through day-to-day social life.

But I expect the game theorist crowd as a group would take issue with the idea that therefore "There are no overarching principles of moral behavior and moral values" (at least in the sense of what they 'are' as represented by our biology and cultural moralities). Specifically, it seems to me uncontroversial that human biological adaptations and practiced cultural norms that motivate or advocate 'moral' behavior are straightforwardly biological and cultural adaptations selected for by the "increased benefits of cooperation in groups" they produced for our ancestors. Whether this is what morality 'ought' to be is, of course, a separate question. However, it might be useful to first establish what practiced morality 'is' before becoming too certain about what it 'ought' to be.

Just FYI, "Do unto others as you would have them do unto you" and moral prohibitions against eating pork and being uncircumcised all represent well known strategies from game theory for increasing the benefits of cooperation in groups in environments where synergistic benefits of cooperation are available.

Like



petekleff1 2 days ago

Gosh, I get it. Let's just all strip down naked, flee to the woods, and begin climbing trees. No need for free will there.

Like



Carolyn Hastie 2 days ago

Great review Christopher, thank you.

I love the way oxytocin is called the moral hormone by Paul Zak. I suspect we may be in trouble as a species if that is true, because increasing medicalisation of birth means most women and babies don't get the brain based endogenous oxytocin 'rush' that comes with physiological birth; instead they get the synthetic version that doesn't cross the blood brain barrier.

2 people liked this. [Like](#)



mhick255 2 days ago

In Churchland's model, what actions would be immoral?

2 people liked this. [Like](#)



rameshraghuvanshi 2 days ago

What may neuroscience tell about brain it is a chemical process that is happening in brain..but draw a meaning of that happening we must take the help of psychologist.He watch the behavior of man and draw a conclusion.Philosopher Spinoza, Schopenhauer, Nietzsche,Kierkegaard and ,Proust told many truth of neuroscience long before scientist reveal it to us.

2 people liked this. [Like](#)



renumeratedfrog ~ 2 days ago

"I'm innocent, Your Honor, by the reason of not having enough oxytocin in my brain."

3 people liked this. [Like](#)



Sterling Walker Hall 2 days ago

Thanks for the review Christopher, but I must say that Churchland's moral stance seems pathetically basic, philosophically, from what I can see here. She seems to be a value theorist, clean-cut, using some dubious biological wizardry to support to her point.

Her end conclusion seems to be that ethics arise from the moment of ethical choice, and not from the dictates of the other prominent ethical theories (utilitarianism and deontological ethics - both of which would claim that if they're not biological 'a priori's, they're standards which we should abide in order to transcend the inanities of our biological ethical a prioris). So where does this conclusion leave us? At the positive nihilism of Nietzsche? At Kierkegaard's 'Teleological Suspension of the Ethical' that allows us to pursue a personal ethics at odds with society's? Or even at Hegel's dialectical ethics? All Churchland seems to do is dress up 150-200 year old ethical theories in the garb of today's positivist or analytic traditions. And this isn't necessarily a negative thing, it's just that I don't see the point of her theories, their immanence, or why we should be paying any special attention to those theories, when this is all that they do.

Even given her subjective ethics, though, her theories seem rife with problems. Churchland puts her theory in opposition with theories Utilitarianism, as has been said, but also with fellow value theorists like Peter Singer. The problem is that her subjective ethical stance can't account for ethics as we often need it - in an objective legal/political/national way. True, our ethics may originate from these biological factors she's discussing, but that fact doesn't help us determine whether an action was legal or not, or what should be considered legal at all. Those conclusions are biological curiosities and factoids at best, NOT the stuff of ethical philosophy, or something out of which we can determine our own personal courses of actions

(something at least Nietzsche and Kierkegaard were able to do.

That's why I'm having trouble seeing the point in Churchland's ethical theory: it's subjective stance bars it from being useful for instance where an objective ethical stance is necessary, but because it's forged in some sort of empty biological determinism, it can't even give us the foundations for creating our own ethical stance in the world. It's 'scientifically subjective' so to speak; it says that ethics are determined 'in the midst of things' or by 'being-in-the-world' (as Heidegger would have put it), but she doesn't seem to give any more.

And then from these dubious beginnings, which nothing logical can be drawn from (ethically I mean, in that there's no way to 'go forward'), she starts making pronouncements about 'what is' and 'what is not' ethical - the very systematization that she seems to want to speak out against. Further, her willingness to defend Western democratic values at the drop of a hat - from a biological standpoint, nonetheless, as if the status-quo ethically and politically were built into our genes, as if it were necessarily the 'best of all worlds' - should promote some sense of disgust from anyone intellectually bound.

To scale back the rhetoric slightly though, I don't know the meat of Churchland's arguments. I only know what she's said in this article, and the content of her books may be much more rigorous and philosophically sound (or at least interesting) than I've made it out to be here. But if her ideas are just a continuation, a 'deepening', of what she's said here, then I can find no reason for them to be given any more attention than has been given here.

7 people liked this. [Like](#)



ignarierramus 2 days ago

Kant's moral rigour isn't all about rule following; education and self-discipline are necessary to develop individuals into consistent moral beings. Moreover, Kant's ethics isn't to be found in the first Critique (his most scientific-oriented work), but rather in his more speculative works (e.g., second and third Critiques) in which the contingency of human values and judgments is emphasized. There is no one system of moral reasoning in Kant, but rather, pace his famous essay, a slow, steady process of enlightenment (even this is an ideal, not a fixed given).

3 people liked this. [Like](#)



David Bockman 1 day ago

"You're not going to find an exceptionless rule," she says.

So, is it a rule that there are no exceptionless rules?

4 people liked this. [Like](#)



portiacoeihi 1 day ago

Christopher,

For what it's worth...I found the comments here far more telling than anything Churchland or her detractors/supporters had to say. And I would caution you about your penchant for excessive "name-dropping".

It never fails to surprise me when academics or aspiring pretenders foam at the mouth at the mere mention of something they deem so "subjective" and "abstract" as "morality", "ethics" or their triplet, "conscience".

I learned in the sandbox that what I would one day come to know as "morality" is how you behave when no one is watching to see you do the 'right' thing. Yes, yes, I know that is a bit "simplistic" for the bloated egg-heads that will dart out from their suffocatingly claustrophobic academic holes, but it really is that "simple" for most human organisms to determine right from wrong.

Granted, there are innumerable matrices of "subjectivity" in the world of human experience but all are WITHOUT any chemical intervention on which to ascribe responsibility to. Really now, do any of us need to be told when we have harmed someone? I guess, some of us do, but innate character flaws abound for many since birth and no measure of "interventions" short of a cage are going to change their behavior.

I think it is a very sad commentary on what we posture as a "culture" or its attendant "values", when we actually argue about the qualities (or their interpretation) that in their entirety can only make our world (here we go) more "human", "civilized" and "rewarding" for all of us.

Thanks for the article though. It provided ample ground for some to wallow, some to throw mud and and others to snicker from the sidelines. What a non-surprise.

Perhaps we could have our Congressional clowns weigh on the subject while basking naked and straddling crotch-hugging webcams at 2 a.m. in the privacy of their offices?

Shhhhhhhhhhh...no one needs to know outside of the internet, that is.

4 people liked this. [Like](#)



bghansel 1 day ago

Ethical issues need to be judged in context and it certainly makes sense that the shared experience of a culture shapes our sense of what is and what is not ethical. However, my favorite sentence (or clause) here is this: "...the word 'neuroscience' these days is like catnip." Guess I'm getting my fix.

[Like](#)



11185500 1 day ago

The article (necessarily) is short on science and begs the question of Dr. Churchland's standing as a scientist in both neuroscience and philosophy. Could someone provide a short summary of Dr. Churchland's credentials in neuroscience, and philosophy? Thank you

[Like](#)



walsh05 5 hours ago in reply to 11185500

I recommend reading Churchland's book on this, as she has worked in both neuroscience and philosophy. Her major work from a while back is Neurophilosophy (MIT Press). There are chapters on neuroscience and also chapters on philosophy of science as it relates to this field. The blurb on the back of the book is from Francis Crick (of nobel fame), who writes very positively of her.

[Like](#)



Jeremy Bowman 1 day ago

250+ years after Hume, it seems that confusion between "is" and "ought" is alive and well. Biology is vital for understanding human mores, i.e. brute matters of fact about how we think morally. That is an important and interesting factual inquiry. But basic moral principles do not work like scientific laws that describe mores. A basic moral principle is appealed to for prescriptive guidance on how we should act morally. It must be "basic" on pain of committing the is-ought fallacy. And in being basic, any such principle will be simple and exceptionless.

3 people liked this. [Like](#)

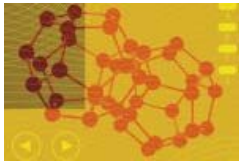


eudaimon 1 hour ago

According to Mr. Shea, Churchland considers "a vast swath of contemporary moral philosophy" to be vacuous. Putting aside the fact that a vast swath of it fails to answer moral questions, her view does accord well with the views of other philosophers, namely, that the work of other philosophers is vacuous.

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