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Acknowledgments I thank Jos Uç nk for pressing the objection addressed in Section 6. This pa-per has bene-ted from constructive criticisms of several referees for this journal:

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bizarre Wigner's friend scenarios,
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the objectivity of description in quantum theory. Section 6 addresses a more general worry about objectivity of description. Section 7 relates the foregoing treatment of objectivity to a recent suggestion ðOllivier et al. 2004Þ that objective properties emerge from

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mathematical theory of quantum mechanics "corresponds" to reality. Although quantum mechanics has held up to rigorous and extremely precise tests in an extraordinarily broad range of experiments (not one prediction from quantum mechanics is found to be contradicted by experiments), there exist a number of contending schools ...

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Interpretations of quantum mechanics - Wikipedia

My first publication on this topic
"Quantum theory: a Pragmatist
Approach" appeared in the British
Journal for the Philosophy of Science.
Another paper appeared in Foundations
of Physics Dispelling Feynman's

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mystery, and a third in Philosophy of
Science Observation and Quantum
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Richard Healey, University of Arizona

The claim is made that quantum
phenomena have no definite values until
they are observed, with the implication

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that the act of observation creates those values. The further implication argued by subjectivists is that objective reality is an illusion, and that “consciousness is primary.”

QUANTUM PHYSICS: Objective or Subjective Universe ...

Alternative facts are spreading like a

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virus across society. Now it seems they have even infected science - at least the quantum realm. This may seem counter intuitive. The scientific method is after all founded on the reliable notions of observation, measurement and repeatability. A fact, as established by a measurement, should be objective, such that [...]

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