READING SCHEDULE FOR 15-PHIL-3034, POLGER & BRUN, SPRING 2020

	TUESDAY	THURSDAY
BACKGROUND	Three papers from *Scientific American*, 1979 David Hubel, The Brain Charles Stevens, The Neuron David Hubel and Torsten Wiesel, Brain Mechanisms of Vision	
WEEK 1 INTRODUCTION	JAN 14 Welcome	JAN 16 Introduction, What is Philosophy of Science?
WEEK 2 INTRODUCTION BEFORE NEUROPHILOSOPHY 1: INNER CAUSES	JAN 21 William Bechtel, Pete Mandik, and Jennifer Mundale, Philosophy Meets the Neurosciences	JAN 23 B. F. Skinner, Inner "Causes" from Science and Human Behavior (1951) FIRST UC-UBM JOINT MEETING
WEEK 3 BEFORE NEUROPHILOSOPHY 2: MULTIPLE REALIZATION	JAN 28 - 30 David Marr, Ch. 1 of *Vision* (1981)	
WEEK 4 NEUROETHICS 1	FEB 4 Eddy Nahmias, Why We Have Free Will Eddy Nahmias, When Consciousness Matters: a Critical Review of Daniel Wegner's *The Illusion of Conscious Will*	FEB 6 Adina Roskies, Neuroimaging Neuroethics: An Introduction Adina Roskies, Mind Reading, Lie Detection, and Privacy

WEEK 5 NEUROPHILOSOPHY AND BEYOND	FEB 11 Patricia Churchland, Neurophilosophy: the Early Years and New Directions	FEB 13 *optional:* David Kaplan, Integrating Mind and Brain Science: A Field Guide
WEEK 6 PHILOSOPHY OF NEUROSCIENCE ARRIVES: PART 1	FEB 18 Gualtiero Piccinini, Foundational Issues in Cognitive Neuroscience: Introduction	FEB 20 David Kaplan, Explanation and Levels in Cognitive Neuroscience
WEEK 7 PHILOSOPHY OF NEUROSCIENCE ARRIVES: PART 2	FEB 25 BORDEAUX SPRING BREAK Jacqueline Sullivan, Experimentation in Cognitive Neuroscience and Cognitive Neurobiology	FEB 27 BORDEAUX SPRING BREAK Kenneth Aizawa and Carl Gillett, Realization, Reduction, and Emergence: How Things Like Minds Relate to Things Like Brains
WEEK 8 COGNITIVE NEUROSCIENCE: CAUTIOUS OPTMISM	MAR 3 Adina Roskies, Are Neuroimages Like Photographs of the Brain? *Optional:* *William Uttal, Précis of The New Phrenology: The Limits of Localizing Cognitive Processes in the Brains*	MAR 5 Colin Klein, Philosophical Issues in Neuroimaging *Optional:* *William Bechtel, Decomposing the Mind-Brain: A Long-Term Pursuit* *[reply to Uttal]*
WEEK 9 EXPLAINING THE BRAIN	MAR 10-12 Carl Craver, Explaining the Brain, chs. 1-2	
WEEK 10 CINCINNATI SPRING BREAK	MAR 17 CINCINNATI SPRING BREAK	MAR 19 CINCINNATI SPRING BREAK

WEEK 11 MORE ON MECHANISMS	MAR 24 Carl Craver and David Kaplan, Towards a Mechanististic Philosophy of Neuroscience POLGER IN BORDEAUX	MAR 26 Gualtiero Piccinini and Carl Craver, Integrating Psychology and Neuroscience: Functional Analyses as Mechanism Sketches (excerpts) POLGER IN BORDEAUX
WEEK 12 COMPUTATIONAL NEUROSCIENCE AS MECHANISM	MAR 31 – APR 2 Mazviita Chirmuuta, Minimal Models and Canonical Neural Computations: the Distinctness of Computational Explanation in Neuroscience	
WEEK 13 LOOKING UP? LOOKING DOWN?	APR 7 Corey Maley and Gualtiero Piccinini, Neural Representation and Computation	APR 9 John Bickle, From Microscopes to Optogenetics: Ian Hacking Vindicated
WEEK 14 NEUROETHICS 2	APR 14 Sven Ove Hansson, Ethical Implications of Sensory Prostheses	APR 16 Anne Lingford-Hughes and Liam Nestor, Neuroscience Perspectives on Addiction: Overview LAST JOINT MEETING
WEEK 15 WORK ON COLLABORATIVE PROJECTS	APR 21 TBD	APR 23 TBD
EXAM WEEK	APR 28	APR 30