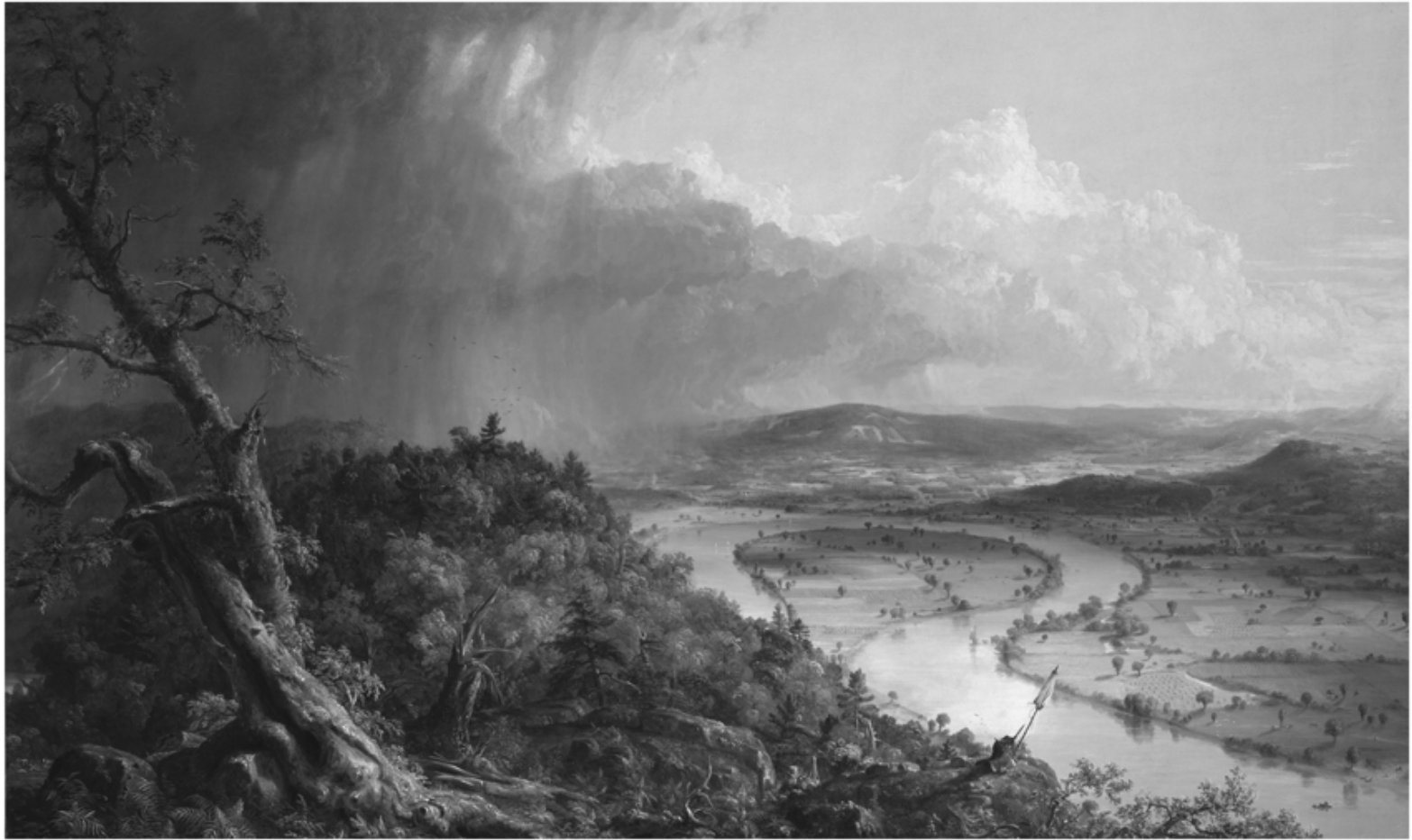


ES7-Geog7 Lecture 2

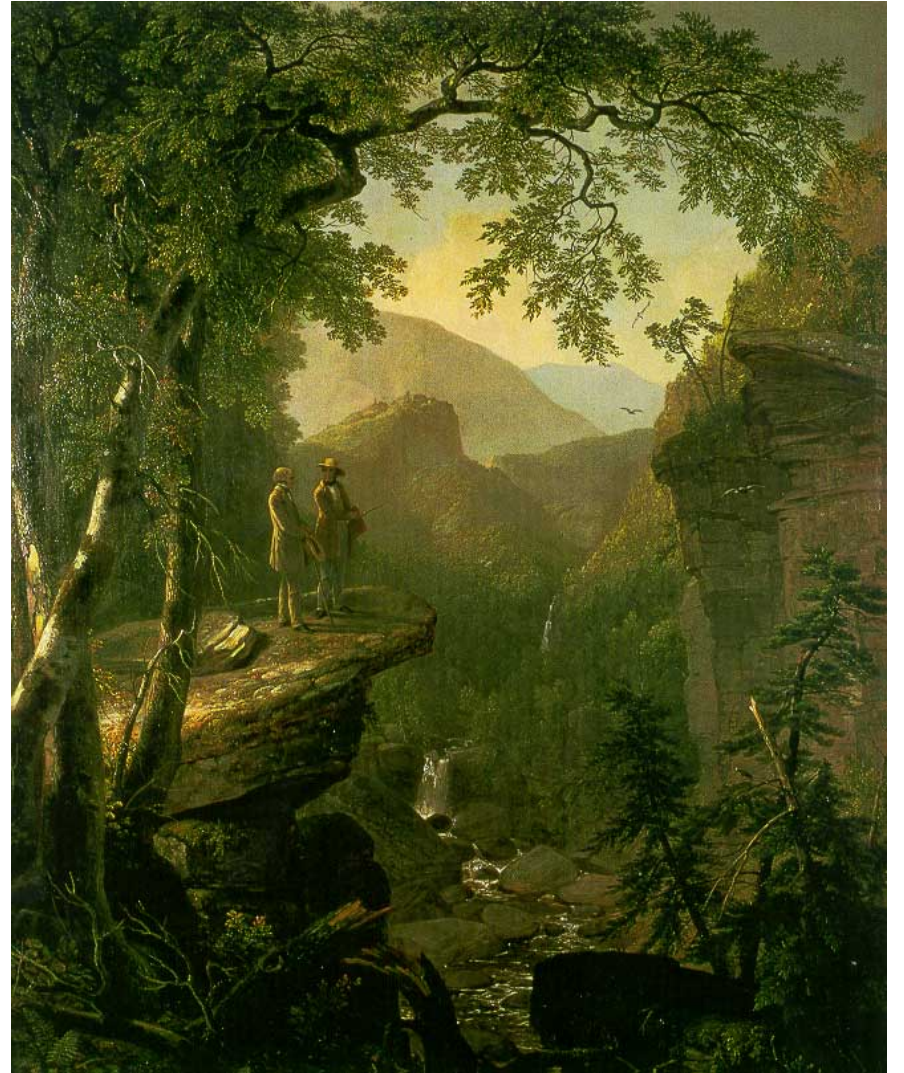
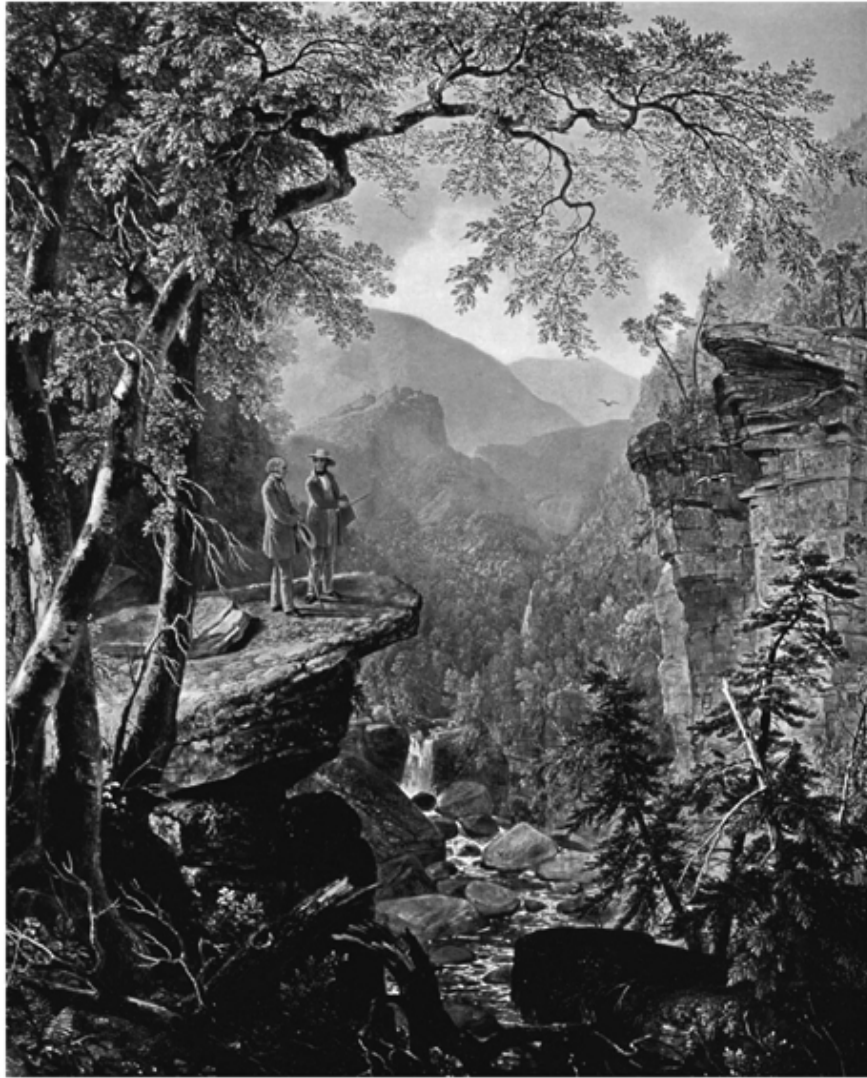
G. Leddy, Spring 2017















John Gast, American Progress, 1872.
Chromolithograph published by George A. Croft.
Source: Prints and Photographs Division, Library of Congress.

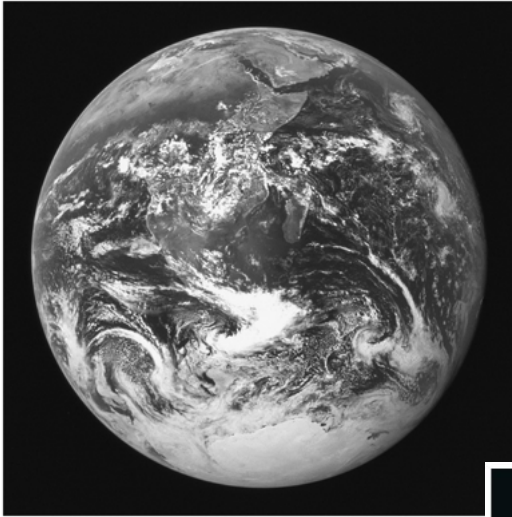




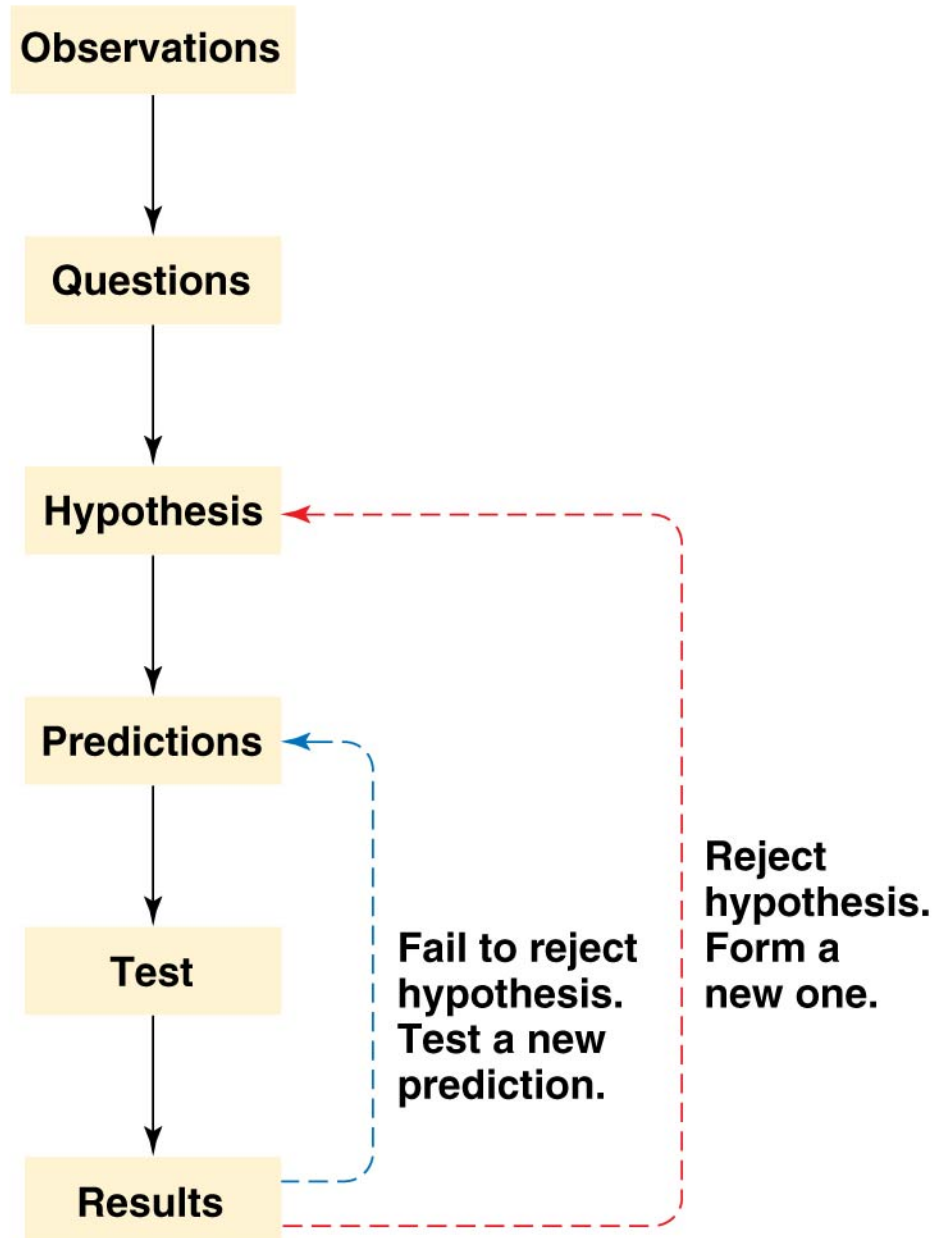








Scientific method



Scientific process (as practiced by scientific community)

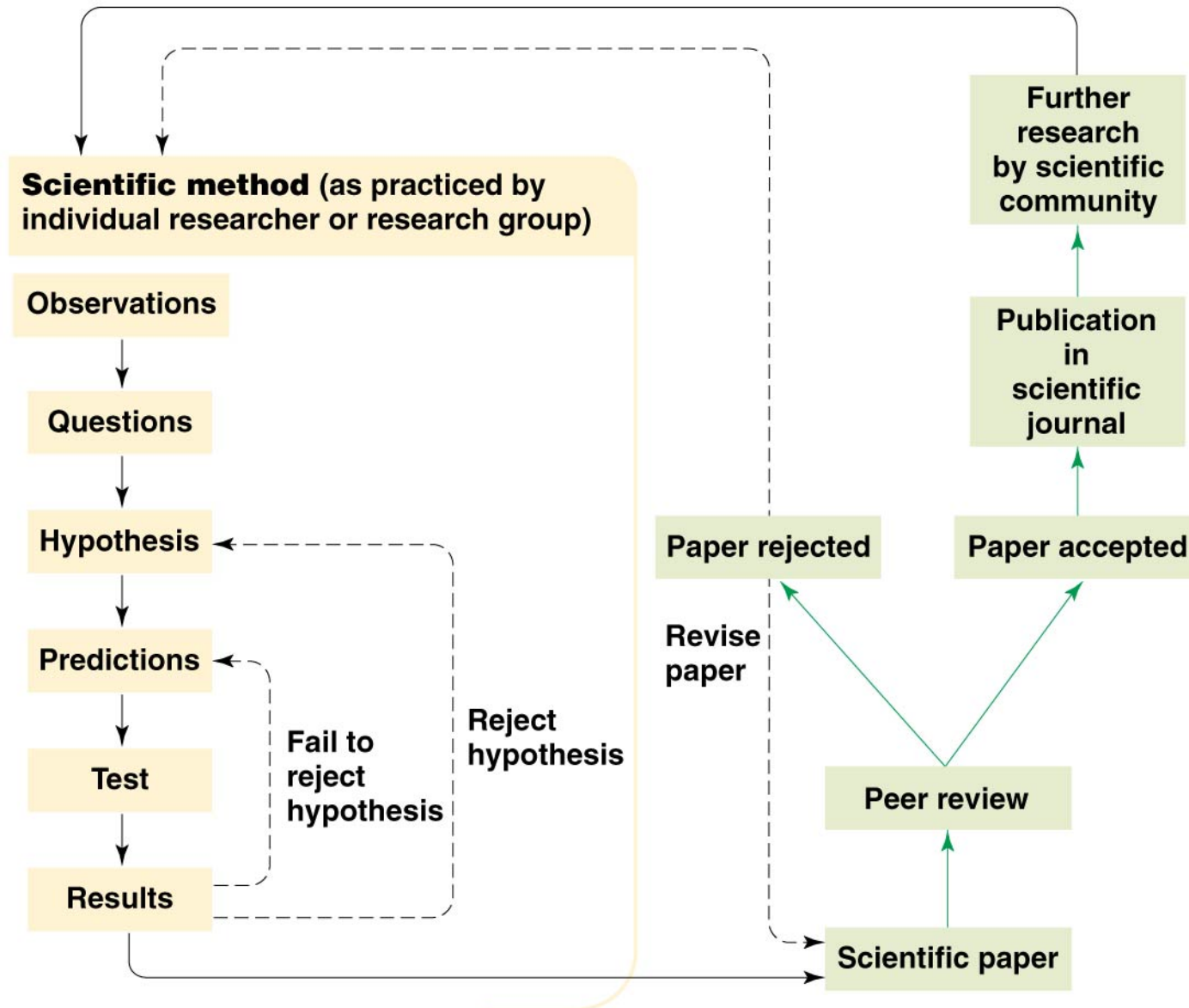


TABLE 2.1 TWO APPROACHES TO SCIENCE

	Experimental or theory-driven science	Observational or field science
HOW UNDERSTANDING EMERGES	Experimentation to test and build theory	Systematic observations to infer processes from surviving structures
EXAMPLES	Chemistry Physics Molecular biology Social psychology	Anthropology Astronomy Political science History