NEGATION IS PROCESSED IN TWO STEPS
The meaning of the core proposition is computed first. Negation is applied as a second step. Lexical expectation at final word is a function of prior context excluding negation.

NEGATION IS PROCESSED INCREMENTALLY
In pragmatically licensed contexts, the meaning of the sentence is computed incrementally. Lexical expectation at final word is a function of prior context including negation.

WHAT ABOUT INFORMATIVENESS?
Sentences are expected to be informative — but everyone already knows that a robin is a bird!

Is negation processed incrementally when sentences are informative?

NOVEL WORD LEARNING PARADIGM
Participants guess the meanings of novel words from a context sentence, then rate a follow-up sentence as plausible or implausible.

Brain responses are measured with EEG while participants rate plausibility of sentences.

With proper equipment, scuba diving is very... SAFE
scuba diving is not very... SAFE

Dudschig et al. (2018), Fischler et al. (1983), Haase et al. (2019), Lüdtke et al. (2008), Wiswede et al. (2013)

N400 is negation blind even in informative contexts

I saw a trante with exotic gills in the National Aquarium.
A trante is a fish.
A trante is not a fish.

I used a huge sloken to bang the nail in the gate.
A sloken is a fish.
A sloken is not a fish.