



Iowa Colloquium on
Information, Complexity, and
Logic

October 2017 Meeting

Location: Drake University in Collier-Scripps Hall 301

[Map of Drake University](#)

[Parking Map](#)

Time: Thursday, October 12 at 3:30 PM

Speaker: Joseph Mileti

Title: Randomness and Reverse Mathematics

Abstract: In logic, Reverse Mathematics provides a framework to measure the inherent complexity of any proof of a given theorem. The vast majority of the theorems that logicians initially analyzed fell into a small handful of complexity classes. However, in recent years, we have discovered many theorems that do not fit into this clean picture. In this talk, we will give an overview on the area, and focus on results where randomness plays a key role.

Parking Information: There are a limited number of guest parking passes available. Please contact Adam Case (adam.case@drake.edu) to request a pass. There is also free parking along 24th Street on the east side of Lot 1, and two hour parking is available along 25th Street on the west side of Lot 1.

To get from Lot 1 to Collier-Scripps Hall: Walk west on Carpenter Avenue and down the painted street. Take a right just after Jewett Residence Hall and another right just after Medbury Hall. From here, Olin Hall is on the left and Collier-Scripps Hall is on the right.