

# Many Cheerful Facts

Organizers: Michael Pejic & Damien Mondragon

Tuesday, 2:10-3:00 pm, 939 Evans

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Feb. 24    **Linda Brown Westrick**, UC Berkeley  
*Your Computer Can't Touch This*

Ever wonder what those logicians are up to when they talk about "Recursion Theory"? Now is your chance to:

- Learn how powerful your computer is (and I mean in the fundamental sense, not your processor speed.)
- Watch some algorithm on algorithm action (aka The Halting Problem.)
- Experience the 60-second recursion theory method proof of Gödel's Incompleteness Theorem (technical details omitted.)
- Explore relationships between unsolvable problems (using oracles, but not like at Delphi.)
- Verify the existence of functions that grow so fast they blow your mind (fortunately, we won't actually be able to compute one, so your mind is safe.)
- Other coolness if time permits.