

UIC Model Theory Seminar, February 28, 2006
**The decidability of the natural numbers with almost-all
quantifiers**

Dave Marker
University of Illinois at Chicago

Consider the theory of the natural numbers where we use the quantifiers “almost all” and “exists unboundedly many” instead of “for all” and “there exists.” Ted Slaman proved the surprising result that this theory is decidable. We will show that this result has an easy model theoretic proof.