BROWN BAG MATH COLLOQUIUM

SPEAKER: **Erik Packard**
Assoc. Prof. of Math, CMU

TITLE: **An Elementary Proof Regarding Quartics**

WHEN: **Friday, Sept. 11, 2015, at noon**

WHERE: **Wubben Science 113**

ABSTRACT:
Using the Fundamental Theorem of Algebra it is rather immediate that any quartic polynomial with real coefficients can be factored as the product of two quadratic polynomials with real coefficients. The Fundamental Theorem of Algebra is a deep result, not easily proved. Presented will be a proof of this fact about quartics only using elementary tools (nothing past Calculus I).