Incorporation of the GEMs item: *A greener synthesis of creatine* submitted by Carl S. Lecher into the General Chemistry curriculum.

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**Summary:** Creatine is synthesized using safer reagents and can spark discussions about atom economy, reaction efficiencies, and risk reduction. In a general chemistry course, this experiment can introduce students to organic functional groups and reinforce Lewis structures. In addition, as many students in general chemistry courses are seeking careers in medicine or pharmacy, discussions linking chemistry to biology through biological catalysis are interesting.

The experiment can be utilized at the beginning of a general chemistry sequence to reinforce solution stoichiometry and measurement skills and introduce filtration techniques. It can also be used at the end of the sequence to introduce simple organic synthesis techniques, helping students transition between the two sequences.