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University Relations, "Samuel Gockel '13 Awarded GlaxoSmithKline Fellowship" (2012). *Campus News Archive*. 387.

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Samuel Gockel '13 Awarded GlaxoSmithKline Fellowship

Summary: Samuel Gockel '13 was granted a highly competitive GlaxoSmithKline fellowship, allowing him to conduct summer research in chemistry.

(October 24, 2012)-Samuel Gockel '13, Saint Paul, was granted a GlaxoSmithKline fellowship for conducting summer research with Nancy Carpenter, professor of chemistry. The highly competitive award allowed Gockel to pursue independent research in the hope of later being published.

The GlaxoSmithKline Undergraduate Summer Research Fellowship Award provides funding for undergraduate research in synthetic organic, and/or analytical chemistry. The fund is intended for the students to carry out summer research in the institution that they currently attend under the guidance of their research advisor. It is designed to encourage deserving undergraduate students to consider a career in chemistry. The fellowship is awarded to five applicants annually and funds a minimum of ten weeks of full-time summer research. Gockel's fellowship ran from May 27 through July 27, 2012.

Gockel's research focused on the creation of a molecule for use in therapeutic drugs, one that produces less waste and uses fewer resources. Through a type of chemical reaction called Suzuki Coupling, Gockel worked to replicate the complexity of organic molecules using synthetic ones.

Gockel has continued this research through the Undergraduate Research Opportunity Program at the University of Minnesota, Morris, with the hope of producing a paper to publish his forthcoming results.

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