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## OU Educators Create Software to Teach Bioinformatics

A team of educators including Associate Professor **Gautam Singh** from the **School of Engineering** and **Christine Hansen** of the **Department of Psychology** have developed new software to teach **bioinformatics**. In their recent paper **Component-Based Approach for Educating Students in Bioinformatics** published in the February 2009 issue of **IEEE Transactions on Education** (Volume 52, Pages 1-9), they write

"There is an increasing need for an effective method of teaching bioinformatics. Increased progress and availability of computer-based tools for educating students have led to the implementation of a computer-based system for teaching bioinformatics as described in this paper. Bioinformatics is a recent, hybrid field of study combining elements of biology, statistics, and computer science. This paper describes the implementation of a system called Bioinformatics Foundational Learning Objects Workbench (BioFLOW), that is intended to be used by instructors to educate their students in bioinformatics principles at a variety of grade levels."

### SUMMARY

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Created by Heather Mattiello (heather.mattiello@caretech.com) on Tuesday, March 10, 2009  
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