

**Department of Public Health & Preventive Medicine  
Grand Rounds**

*presents*

## **StatWeave: Flexible Software for Reproducible Statistical Analysis**

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**Thursday, October 16, 2008  
12 PM-1 PM  
Campus Services Building Room 679**

### **ABSTRACT**

The R function Sweave() and related programs such as SASweave make it easy to incorporate R (or SAS) code and output in a LaTeX document.

StatWeave unifies and extends these for multiple languages and file formats, creating a powerful tool that facilitates packaging the results of an analysis with the actual code that produces it, and allows one to re-run it if something changes.

StatWeave is written in Java (making it portable across platforms), and it is possible to add new file formats and new languages simply by writing and configuring additional Java classes.

The talk will include a discussion of StatWeave's design, some examples, and a little bit about how to extend it.



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