

computer science  
**SOFTWARE ENGINEERING**

0 0 1 1 0 0 0 1 0 0 1 1 1 0 0 1 0 0 1 1 0 1 1 0 0 0 1 1 0 1 1 1

**The Realsearch Group**  
**Developer Liberation Front**



**Faculty**

Dr. Laurie Williams  
Dr. Emerson Murphy-Hill

**For More Information:**

Dr. Laurie Williams  
williams@csc.ncsu.edu  
(919) 513-4151

Room 3228 & 3231  
EB2, 890 Oval Dr.  
Raleigh, NC 27695-8206

[www.csc.ncsu.edu](http://www.csc.ncsu.edu)

The Realsearch group envisions a future where trustworthy software-intensive systems improve the quality of people's lives. These systems will be created by a diverse community of software engineers that will employ methodologies based upon sound scientific research that is disseminated through freely-available, open resources. We envision software developers and researchers partnering to improve the capability of the software industry to efficiently produce trustworthy systems.

Toolsmiths have created thousands of powerful and useful software development tools, yet software developers only use a small subset of the available tools, and those that a developer does use are often not fully leveraged. The Developer Liberation Front believes that the solution to this problem can be found by rethinking the design of software development tools, based on a better understanding of why developers use and do not use these tools.

<http://www.realsearchgroup.com/realsearch/>  
<http://research.csc.ncsu.edu/dlf/>