

**SELF-ASSESSMENT
SUMMARY OF GOALS AND ACTIVITIES
NCSU – MATHEMATICS**

Condition #1: *The right people apply for doctoral study.*

Condition #2: *The right applicants are admitted as doctoral students*

Condition #3: *Students and faculty form productive working relationships*

Condition #4: *Students experience social support from fellow students*

| Conditions | Goals /Activities | Timeline |
|------------|---|---|
| #1. | <p>Goal: Increase the number of them who accept our offers. We are working on this by:</p> <p>1a. increasing the value of our TA;</p> <p>1b. getting more research experiences into the first two years.</p> | <p>1a. 2006-Increase of entering stipend 2007-2008 – Implementation of steps that reward completion.</p> <p>1b. 2006-Aquire NSF funds and design program. 2007-begin supported summer research experience</p> |
| #2. | <p>Goal: Offer student early research experiences: Assessment shows that our current qualifying examination procedure is doing a good job in terms of making the correct decision. Discussion with faculty has suggested some organizational changes may make the transition better in terms of earlier research experiences.</p> <p>Activity : Modify qualifier structure in order to encourage earlier examinations</p> | <p>2006 – develop proposal 2007- implement and changes</p> |
| #3. | <p>Goal is to get students involved in research at a earlier time in order to build these working relationships sooner. Students and faculty members currently form productive relationships. It was determined that earlier interaction with potential advisors would speed time to completion..</p> | |

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| | <p>Activities:</p> <ul style="list-style-type: none"> • Acquire NSF funding so support entry-level graduate student research experiences. • Begin research experience program Fully implement research experience program. | <p>2006</p> <p>2007 - 2008</p> |
| #4. | <p>Goal: to preserve and enhance student recruitment efforts Exit interviews show that students receive considerable social support from each other. Our students are very effective recruiters for our program.</p> <p>Activities:</p> <ul style="list-style-type: none"> • Continue to seek out ways to support student activities and interaction • Higher quality graduate student space for interaction. | <p>2006</p> <p>2008</p> |