

Hope College Microwave Group Philosophy

Rev. September 1, 2011

1. **Benefits** to you for doing really good research.

All of these have already resulted for students doing research in the Microwave Group

Learn marketable skills	(100% as of now)
Publication	(75% as of now)
Summer employment in the Group	(70% as of now)
Recommendation letter	(45% as of now)
Academic research credit	(35% as of now)
Attendance at professional conferences	(30% as of now)
Fellowships (such as GRF, Goldwater, etc.)	(10% as of now)

My goal is to raise these percentages even higher. This needs your help.

2. **Expectations** for researchers in the Microwave Lab

a. Time commitment

(i) at least 5 hours per week during the semester

(ii) at least 40 hours per week during the summer

(iii) your commitment to research is the same as a job or a sport team. Be there!

b. It took enormous personal sacrifice for me to bring this opportunity to you. Research is therefore your highest priority.

c. Disappearing is never an option.

d. During the school year you must meet with me weekly to qualify for summer research.

3. Setting **goals**

Research goals are set collaboratively by you and your mentor. They must

a. fit the objectives of the group

b. plausibly culminate in a publication

4. **Products**

Members of the Microwave Group are expected to produce as needed:

a. oral presentations

b. text and figures for papers

c. posters

d. internal reports

e. conference presentations

5. **Meetings**

Because research is your highest priority, there should be no problem with attending group meetings, which will be scheduled with your input.