

## Application for the William and Mary CSUMS program Spring 2008

**Return this form to Professor Chi-Kwong Li in the Department of Mathematics.**

Admission to the William and Mary CSUMS program entails the following commitments on your part.

- Research in the remainder of the Spring 2008 semester and the summer of 2008. This work will be supported from CSUMS with up to \$1,000 for the spring semester and \$4,000 for the summer.
- An honors project (Math 495–496) in your senior year (if you are not currently a senior).
- Participation in CSUMS workshops in 2008–09 and 2009–10. There will be no more than 2 workshops per academic year.
- Presentation of your research results at research conferences (with such travel being supported by the CSUMS program).

### **Application information:**

1. Name:

2. Preferred e-mail address:

3. Academic status:     freshman     sophomore     junior     senior.

4. Mathematics courses taken:

5. Computer Science courses taken:

6. Do you have previous research experience? If yes, please give a brief description.

7. What major/minor have you declared or intend to declare?

- Major(s):
- Minor:

8. Do you already have a research project in mind?  yes  no.
9. Are you currently working with or do you plan to work with a specific professor?  
 yes  no.

If so, who? \_\_\_\_\_

10. Indicated which optional Summer 2008 activities you might wish to participate in (with travel supported by the CSUMS project).
- Attend a summer lecture series on matrix inequalities by C.K. Li at Iowa State University, July 14–18, 2008.
  - Attend or give a presentation at the Numerical Range workshop at William and Mary, July 19–21, 2008. Some talks will be related to quantum computing and computational aspects of the study of numerical range.
  - Attend or give a presentation at the International Workshop on Operator theory and its Applications at William and Mary, July 22–26, 2008.