

Statement on Service

Gunnar Martinsson, Department of Applied Mathematics, August 28, 2009.

Committee work: I have served on the following departmental committees:

- *Assistant professor search committee:* 2008/2009.
- *Colloquium chair:* 2008/2009 (joint with Tiejun Tong).
- *Graduate studies:* 2006/2007 and 2007/2008.
- *Instructor search committee:* 2005/2006.
- *Preliminary exam committee for analysis:* Eight times in the last four years.

Dissertation committees: I have served on the dissertation committees of two students in the Department of Applied Mathematics: Christopher Kurcz and JiSun Lim, and currently serve on the committee of Matt Reynolds

External examination work: I have served as the external examiner for two doctoral students in the CS department at Yale: Michael O'Neil and Andreas Glaser.

In 2006 I was invited to serve as the external examiner (the so called "opponent") at the Ph.D. defense of a doctoral student in applied mathematics at Lund University in Sweden. Such defenses are elaborate affairs, and the role of "opponent" is usually filled by a senior researcher in the field. In fact, my appointment was considered sufficiently unusual that the central authority at Lund University in charge of graduate instruction had to review my background and issue a special dispensation.

Journal refereeing: I regularly serve as a referee for principal journals in my field (see CV for details).

Professional goals regarding service: My future service will obviously be determined largely by the needs of the department and the university. However, if given the chance, I would be very excited to become involved with the campus initiative on computational science and engineering. This initiative is at the moment only in the early planning stages, but if it were to take more substantial form, I would be eager to participate in the planning work, and in administering the program once it starts.