

Certificate of Doctoral Candidacy

Ryan L Shelby has been accepted on February 17, 2011 by the Administrative Committee of the Graduate Council as a candidate for the degree of **Doctor of Philosophy in Mechanical Engineering**. As of March 6, 2011, the committee convened to guide the candidate in research and to pass upon the merits of the dissertation is as follows:

- Alice Agogino, Chair
- Lisa Pruitt, Inside
- Alastair Iles, Inside
- Daniel Kammen, Outside

Please note that the time-in-candidacy in Mechanical Engineering is 6 semesters. Candidacy for the doctoral degree will continue for a two-year grace period beyond this time-in-candidacy. All doctoral candidates must register continuously or formally withdraw from the University until filing their dissertations with the Graduate Division.



Andrew J. Szeri, Dean

Note: Guidelines for preparing and submitting dissertations and theses and dates for completion of requirements for higher degrees are available at <http://www.grad.berkeley.edu/current/index.shtml>. If your research or development activities involve human or animal subjects, before the research begins, you must submit a proposal for review and obtain approval from the Committee for Protection of Human Subjects (642-7461) or the Animal Care and Use Committee (642-8855).

February 17, 2011

Ryan L Shelby

I heartily congratulate you upon your advancement to candidacy. Formal candidacy is an important step in your academic career and reflects the opinion of your examining committee that you are ready to undertake the research that is the cornerstone of the doctoral degree. The degree, however, is only awarded upon completion of an important and significant contribution to knowledge in your field of study as presented in your dissertation.

Your dissertation committee is listed on the attached certificate. The purpose of appointing a dissertation committee is to provide you with intellectual as well as technical assistance. By agreeing to serve on your dissertation committee, each faculty member accepts this obligation to you as a student. You must keep your committee members individually informed of the progress of your research at appropriate intervals so that you may ask for and receive advice during the course of your work.

If your research or development activities involve human or animal subjects, you must follow the guidelines and obtain an approved protocol before you begin your research. Detailed information is available from the Committee for Protection of Human Subjects (<http://cphs.berkeley.edu/> or 642-7461) or the Animal Care and Use Committee (<http://www.acuc.berkeley.edu/> or 642-8855).

If you wait until the first draft of your dissertation is prepared to consult with the faculty on your committee, you defeat the purpose of having them available to you. If you fail to maintain contact with your committee or if your dissertation progress, for whatever reason, is unsatisfactory, your dissertation chair and the Head Graduate Adviser of your program should consult to discuss your case. If necessary, the situation should be brought to my attention. Likewise, if you encounter any difficulties with your committee that cannot be resolved by normal consultation, please inform me directly.

The guidelines that pertain to students during the candidacy period are explained in the enclosed packet. Again, let me congratulate you upon your progress in graduate studies.

Sincerely yours,



Andrew J. Szeri
Dean