

1643 Oxford St. Apt. C
Berkeley, CA 94709

November 10, 2004

Dear Hiring Committee:

I wish to apply for a postdoctoral position in mathematics at your university. Currently I am a Ph.D. candidate in mathematics at the University of California, Berkeley, expecting to graduate in May 2005. I am finishing my dissertation, entitled *Del Pezzo surfaces and the Brauer-Manin obstruction*, under the supervision of Professor Bjorn Poonen. My research interests are in computational algebraic geometry and number theory.

I enjoy attending and speaking at mathematical conferences; I am spending the fall semester at the workshop “Méthodes explicites en théorie des nombres” at the Institut Henri Poincaré in Paris, France. I have nine semesters of teaching experience as a graduate student at Berkeley, including full instructorship responsibilities for two summer calculus classes, and six semesters of teaching experience as a teaching assistant as an undergraduate at Harvard University. I have been consistently rated highly in department teaching evaluations.

My AMS cover sheet, curriculum vitae including publication list, research statement, and teaching statement are attached. I have arranged for letters of recommendation from Bjorn Poonen, Paul Vojta, Zvezdelina Stankova, and Hank Ibser to be sent separately. I look forward to hearing from you about my application. You can reach me by e-mail at corn@math.berkeley.edu, or by telephone at +33 1 53 80 67 43 (until December 15, 2004), or at (510) 647-5128 (after December 16, 2004). Thank you for your consideration.

Sincerely,

Patrick Corn