The Graduate Program invites applications for the position of the 2015 Math and Computer Camp Teaching Fellow. The Math and Computer Camp will be offered in January 2015. The camp, which is open to all students in the Department of Political Science Graduate Program, is meant as a refresher course, and as a preparatory exercise for those registered for 790:633 Multivariate Techniques during the Spring 2015 Semester.

The Math and Computer Camp will meet from 10 a.m. to 3 p.m. each day, with an hour for lunch. The Teaching Fellow will also meet each day at 3 p.m. with students who have questions about course material. In total, the Teaching Fellow will be responsible for 20 contact hours. The honorarium for the Teaching Fellow is $1000.00.

Interested applicants should complete and submit this form, a CV, and include a personal statement as to how their mathematics and computer skills would benefit the program. Applicants should be conversant with foundational materials of algebra, probability theory, basic to intermediate calculus, and introductory statistical computing. The completed application should include the names of 2 faculty members who can serve as referees for the applicant.

Name: Hector Bahamonde

Email address and telephone number: [hector.bahamonde@rutgers.edu](mailto:hector.bahamonde@rutgers.edu)

Year in the Graduate Program: 3rd.

Past experience in teaching mathematics, quantitative techniques and/or computer skills:

I have taken several courses in different departments and universities. Here in Rutgers, I took “MLE and GLMs” with Prof. Bravo, “Regression Analysis” in the Statistics Dept. (graduate level), “Adv. Seminar in Political Economy” with Prof. Bravo (mostly on regression discontinuity designs, Differences-In-Differences and Fixed Effects), “Advanced Econometrics” in the Economics Department and “Formal Theory I” in the Dpt. of Politics in Princeton.   
  
I received the Clogg Fellowship granted by the ICPSR program at Michigan U., Ann Arbor to attend the two sessions of the summer program (two months). There I took a class on “Factor Analysis” (including Principal Component Analysis), “Game Theory I”, “Quantitative Causal Inference” (mostly on matching designs) and “Advanced Regression III” (mostly advanced techniques in both parametric and non-parametric regression). Also, I attended several two-weeks and 4-weeks workshops, such as “Calculus for the Soc. Sciences” and “Linear Algebra for the Soc. Sciences”. I spent most of my afternoons in Ann Arbor attending short workshops on professional development regarding LaTex and effective ways to teach quantitative courses including seminars in how to communicate quantitative results through the effective use of tables and plots.

Currently I am working on my Quantitative Methods minor, where I perform Monte Carlo simulations to test different matching algorithms. Also, I am taking Experimental Design with Prof. Redlawsk.

Finally, I am proficient in STATA, R and LaTex.

Two References: Prof. Jorge Bravo and Prof. Poast.

Applications are due in the Graduate Office in hard copy on or before Friday October 31, 2014 ­to [pyhap@polisci.rutgers.edu](mailto:pyhap@polisci.rutgers.edu). amers who can serve as referees for the applicant.d the names of 2 faculkty members who support the applicant' offered on Jani