



POSTDOCTORAL RESEARCH POSITIONS



The Department of Industrial Engineering at the University of Pittsburgh anticipates two postdoctoral research positions in Integer Programming starting January 2011 or later. The initial appointments are for one year with an extension possible, subject to the availability of funds.

One postdoctoral associate will work with [Juan Pablo Vielma](#) in developing theory and methodologies for solving Mixed Integer Nonlinear Programming problems. Necessary qualifications include a Ph.D. in Industrial Engineering, Operations Research, Mathematics or related field and a strong background in the theory of Integer Programming and/or Convex Optimization. Computer programming expertise (C/C++) is highly desirable.

Another postdoctoral associate will work with [Andrew Schaefer](#), [Juan Pablo Vielma](#) and medical school collaborators to apply mathematical programming techniques to liver transplantation problems. Necessary qualifications include a Ph.D. in Industrial Engineering, Operations Research or a related field, a strong background in Large-Scale Integer Programming and extensive computer programming expertise (specially C/C++). No prior research experience in health care is required.

We will be reviewing applications immediately. Candidates should send their CV to:

Juan Pablo Vielma
University of Pittsburgh
Department of Industrial Engineering
Email: jvielma@pitt.edu

The University of Pittsburgh is an affirmative action, equal opportunity employer. We especially encourage applications from under-represented groups.