

University of Manchester
Jodrell Bank Centre for Astrophysics
Oxford Road
Manchester, GB M13 9PL
United Kingdom

October 8, 2012

Re: ESO Fellowship Programme 2012/2013

Dear Sir or Madam,

I am currently studying towards a PhD in astrophysics at the Jodrell Bank Centre for Astrophysics at the University of Manchester, under the supervision of Prof. Albert Zijlstra. I am currently aiming to complete my PhD by November 2012, to commence employment in early 2013.

My main research area is Planetary Nebulae, their composition, evolution and contribution to the evolution of our Galaxy. I have been studying these objects with a multi-wavelength approach, analysing their different components and the relationship between them.

I have experience in observing and reducing data in optical, radio and infrared wavelengths. I have been using the 2.3m telescope in Siding Spring Observatory in Australia, the 2.1m telescope in Kitt Peak in Arizona, the 1.9m telescope in Sutherland in South Africa and the 0.84m telescope in San Pedro Mártir in Mexico. Also I have used and analysed data from the Very Large Array in New Mexico and the satellite Spitzer.

I can assure you that my experience and enthusiasm make a strong candidate to work in Chile as an ESO Fellow.

Thank you for your attention and I look forward to hearing from you.

Lizette Guzman-Ramirez
Email: lizette.ramirez@postgrad.manchester.ac.uk
Mobile: +44(0)7783811968