

Astrobiology Study with the ALMA

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At an altitude of 5,000 m, ALMA is the largest astronomical observing facilities existent. Consist of 66 12-m and 7-m antennas, ALMA acts as a single telescope with variable diameters of 150 m to 16 km. ALMA is designed to address some of the most profound questions of our cosmic origins including the origins of life itself.

Are we alone? In this summer, we wish to identify one or two talented students who are interested in looking for signatures of life elsewhere in our Solar System and in our galaxy, based on ALMA data, to solve this enticing puzzle. Qualified applicants should have a strong background in science; however, backgrounds in chemistry, life science, and/or biology are not necessary. We welcome devoted students who are willing to learn more about the origins and evolution of life in the universe and to meet the challenge of doing actual research in astrobiology.