



Undergraduate Research Opportunity

Title of Project/Opportunity: Research in String Theory

Type of Project: Experimental___ Theoretical__X_ Computational__X_

Field of Physics: Theoretical Physics

Term of Research Opportunity: Fall Semester___ Spring Semester___
Summer__X_ Academic Year___ Project___

Type of Research Opportunity:

Fixed Term___ Ongoing___ REU__X_ 1V95___ 4195/4196___

Compensation for Research Opportunity: Summer Support__X_ Hourly___
(Rate:___) Academic Credit___ Experience___ Negotiable___

Minimum Physics Background:

None___ General Physics___ Sophomore Physics___ Jr./Sr. Physics__X_

Preferred Mathematical Background:

None___ Calculus sequence___ Diff. Eq. Courses___ Jr./Sr. Math__X_

Preferred Computer Background:

None___ Familiarity with Computers___ Prior language programming__X_

Other Preferred/Required Skills: Must be accepted into Baylor's summer REU program

Brief Description of Research Opportunity:

Study of Phenomenology of the Parameter Space of NAHE-based Heterotic String Models. The REU student will primarily be working with a Ph.D. student in String Theory. They will be analyzing patterns in the properties of heterotic string models that will be generated by a computer program during spring 2008.

For more information contact:

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