

University of Notre Dame
Strategic Academic Planning Committee
September 2009

PROPOSAL COVER SHEET

Proposal Type: Full Grant X Seed Grant _____

Proposal Title: The Center for Rare and Neglected Diseases:
fighting severe disease. SAPC Phase II.

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Participants:

Last Name	First Name	Department
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Bilgicer	Zihni	Chemical & Molecular Bioengineering
Boggess	William	Chemistry & Biochemistry
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SAPC Phase II. The Center for Rare and Neglected Diseases: *fighting severe disease.*

A.Abstract. Around the globe, people are suffering and dying from diseases for which there are no effective treatments or cures on the horizon, diseases that have generally been ignored by major pharmaceutical companies because the potential financial rewards for developing new drugs to treat them is insignificant. These are the rare and neglected diseases of the world. The result is a gaping hole in the world healthcare—one which Notre Dame (ND) is uniquely positioned to fill. We propose an interdisciplinary effort that spans the Colleges of Science, Engineering, Arts and Letters, the Center for Social Concerns and the Indiana School of Medicine (IUSOM) that will support extensive collaborations on campus, in Indiana and the world, through (i) core facilities for drug discovery and protein therapeutics (ii) new faculty appointments to further strengthen emerging efforts in drug and vaccine development and (iii) outreach through clinical research.