**Project Title:** A six-country epidemiology study on types of diabetes in children in disadvantaged regions overseas.

**Code:** CTC4

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<tr>
<th>Host School/ Institute</th>
<th>Address: Level 6, Medical Foundation Building, 92 Parramatta Road, Camperdown, NSW, 2050.</th>
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<td>NHMRC Clinical Trials Centre</td>
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**URL:** [http://www.ctc.usyd.edu.au/](http://www.ctc.usyd.edu.au/)

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**Project Type:** Data Analysis, Literature Review, Survey

**Project Category:** Adolescent medicine, Genetics, Immunology & Infection, Endocrinology/Metabolism

**Project Keywords:**
1. Paediatric diabetes
2. Global Health
3. Epidemiology

**Project Description:**

A six-country epidemiology study on types of diabetes in children in disadvantaged regions overseas.

It is very important to understand the causes and rates of diabetes in children, so that the most appropriate therapy can be given, adequate resources can be requested and allocated, and deaths from misdiagnosis can be prevented. This knowledge is available for some countries, but there are little or no data from many less-resourced countries. The International Diabetes Federation (IDF) Life for a Child Program (LFAC) is conducting a study in six countries – Azerbaijan, Bangladesh, Haiti, Mali, Pakistan, and Sudan.

In these countries Type 1 diabetes, Type 2 diabetes and intermediate forms of diabetes such as related to malnutrition can develop in childhood. The study evaluates the clinical features, HLA, autoantibody and C-peptide status of consecutive newly diagnosed children and adolescents in these countries.

The Summer Student will help with data collation and analysis and with background research.