**Project Title:** Long-term Bone Health in Anorexia Nervosa  
**Code:** CHW25

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<tr>
<th><strong>Host School/ Institute</strong></th>
<th><strong>Address:</strong> Department of Endocrinology, The Children’s Hospital at Westmead Clinical School, Westmead, 2145</th>
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<td>The Children's Hospital at Westmead Clinical School</td>
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<tr>
<th><strong>Personal Supervisor:</strong></th>
<th>Associate Professor Craig Munns</th>
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<th><strong>Phone:</strong></th>
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<tr>
<th><strong>Co-supervisors:</strong></th>
<th>Associate Professor Michael Kohn, Dr Andrew Biggin</th>
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<th><strong>Project Type:</strong></th>
<th>Data Analysis</th>
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<th><strong>Project Category:</strong></th>
<th>Mental Health, Bone, Adolescent Medicine</th>
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<th><strong>Project Keywords:</strong></th>
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<td>1. Anorexia Nervosa</td>
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<td>2. Osteoporosis</td>
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<td>3. Adolescent Medicine</td>
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<th><strong>Project Description:</strong></th>
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There are increasing data to indicate that anorexia nervosa during adolescents is detrimental to bone health, with increased risk of low bone density and low trauma fracture. The long-term effect of anorexia nervosa on bone health is uncertain. This project will address this.

At the Children’s Hospital at Westmead we care for a large number of adolescents with anorexia nervosa. For the past 12 months, we have been collecting clinical, biochemical and bone density (DXA and pQCT) data on approximately 40 adolescents and young adults 5 to 20 years after being treated for anorexia nervosa. These data are unique and will be able to help in designing targeted prevention and treatment strategies.

This project will involve evaluation of a portion of the data collected and preparing a manuscript(s) for publication. The applicant should have database and statistical skills.