

**Fiscal Year 2009 (FY09) Peer Reviewed Orthopaedic Research Program (PRORP)  
Reference Table of Award Mechanisms and Submission Requirements**

| <b>Award Mechanism</b>   | <b>Eligibility</b>  | <b>Key Mechanism Elements</b>   | <b>Funding</b>   | <b>Submission Deadline</b>   |
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| <p><b>Career Development Award</b></p> <p>Go to:</p> <ul style="list-style-type: none"> <li>• <a href="#">Program Announcement</a></li> <li>• <a href="#">Application Instructions</a></li> </ul> <p>Grants.gov Funding Opportunity Number:<br/><a href="#">W81XWH-09-PRORP-CDA</a></p>  | <p>Military investigators with less than a total of 8 years of postdoctoral clinical or research experience (excluding clinical residency or fellowship training)</p> | <ul style="list-style-type: none"> <li>• <b>Letter of intent is required</b></li> <li>• Provides support to military investigators at an early career stage located at a DOD research or clinical site</li> <li>• Requires mentorship by an established, independent orthopaedic researcher</li> <li>• Applications must address at least one of the PRORP-identified priority research areas in military combat-relevant orthopaedic research</li> <li>• Preliminary data are not required</li> <li>• <i>Funds to directly support clinical trials are excluded</i></li> </ul>   | <ul style="list-style-type: none"> <li>• Maximum funding of \$225K for direct costs (plus indirect costs)</li> <li>• Period of performance not to exceed 3 years</li> </ul>                              | <p><b>Pre-application (Letter of Intent):</b><br/>November 20, 2009<br/>5:00 p.m. Eastern Time</p> <p><b>Application:</b><br/>December 9, 2009<br/>11:59 p.m. Eastern Time</p> |
| <p><b>Clinical Consortium Award</b></p> <p>Go to:</p> <ul style="list-style-type: none"> <li>• <a href="#">Program Announcement</a></li> <li>• <a href="#">Application Instructions</a></li> </ul> <p>Grants.gov Funding Opportunity Number:<br/><a href="#">W81XWH-09-PRORP-CCA</a></p> | <p>Associate Professor or above (or equivalent)</p>   | <ul style="list-style-type: none"> <li>• <b>Letter of intent is required</b></li> <li>• Provides support to develop the collaborations, resources, and infrastructure necessary for a consortium to rapidly execute multi-institutional clinical studies focused on improving <b>definitive care</b> of military combat-related orthopaedic injuries</li> <li>• All applications must have a direct relevance to orthopaedic injuries sustained during military combat or combat-related activities</li> <li>• Requires collaboration with military treatment facilities</li> <li>• One award will be made to a Coordinating Center with superior expertise in clinical orthopaedic research studies, and with the experience to lead a major consortium</li> </ul> | <ul style="list-style-type: none"> <li>• Maximum funding of \$30M for direct costs (plus indirect costs)</li> <li>• Period of performance not to exceed 5 years</li> <li>• Anticipate 1 award</li> </ul> | <p><b>Pre-application (Letter of Intent):</b><br/>December 23, 2009<br/>5:00 p.m. Eastern Time</p> <p><b>Application:</b><br/>January 11, 2010<br/>11:59 p.m. Eastern Time</p> |

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| <p><b>Clinical Trial Award</b></p> <p>Go to:</p> <ul style="list-style-type: none"> <li>• <a href="#">Program Announcement</a></li> <li>• <a href="#">Application Instructions</a></li> </ul> <p>Grants.gov Funding Opportunity Number:<br/><a href="#">W81XWH-09-PRORP-CTA</a></p>         | <p>Independent investigators at or above the level of Assistant Professor (or equivalent)</p> | <ul style="list-style-type: none"> <li>• <b>Preproposal is required; application submission is by invitation only</b></li> <li>• Provides for rapid execution of novel, patient-oriented research in Phase 0, Phase I, Phase II, Phase III or combination clinical trials that will have a significant impact on acute or definitive care of military combat-related orthopaedic injuries</li> <li>• Applications must address at least one of the following research focus areas: enhancement of the tissue environment for healing; prevention of complications; restoration of joint function; and treatment of orthopaedic injuries (and sequelae) of the spine not related to spinal cord injury</li> <li>• Preliminary data are required</li> <li>• Clinical trials are expected to be initiated within 12 months of the award date</li> <li>• IND/IDE approval should be in place by June 30, 2010</li> <li>• <b>Optional Nested Career Development Award:</b> Additional funds may be requested to support the career development of a junior investigator located at a military treatment facility</li> </ul> | <ul style="list-style-type: none"> <li>• Maximum funding of \$2.5M for direct costs (plus indirect costs)</li> <li>• Period of performance not to exceed 4 years</li> <li>• <b>With Optional Nested Career Development Award:</b> Maximum funding of \$2.725M for direct costs (plus indirect costs)</li> </ul> | <p><b>Pre-application (Preproposal):</b><br/>August 13, 2009<br/>5:00 p.m. Eastern Time</p> <p><b>Application:</b><br/>November 17, 2009<br/>11:59 p.m. Eastern Time</p>       |
| <p><b>Hypothesis Development Award</b></p> <p>Go to:</p> <ul style="list-style-type: none"> <li>• <a href="#">Program Announcement</a></li> <li>• <a href="#">Application Instructions</a></li> </ul> <p>Grants.gov Funding Opportunity Number:<br/><a href="#">W81XWH-09-PRORP-HDA</a></p> | <p>Investigators at all academic levels (or equivalent)</p>                                   | <ul style="list-style-type: none"> <li>• <b>Letter of intent is required</b></li> <li>• Funds the initial exploration of innovative, untested, potentially groundbreaking concepts in all areas of orthopaedic research relevant to treatment and rehabilitation from military combat-related injuries</li> <li>• Preliminary data are not required</li> <li>• Review of applications is blinded</li> <li>• <i>Funds to directly support clinical trials are excluded</i></li> </ul>   | <ul style="list-style-type: none"> <li>• Maximum funding of \$100K for direct costs (plus indirect costs)</li> <li>• Period of performance not to exceed 18 months</li> </ul>   | <p><b>Pre-application (Letter of Intent):</b><br/>August 25, 2009<br/>5:00 p.m. Eastern Time</p> <p><b>Application:</b><br/>September 15, 2009<br/>11:59 p.m. Eastern Time</p> |

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| <p><b>Idea Development Award</b></p> <p>Go to:</p> <ul style="list-style-type: none"> <li>• <a href="#">Program Announcement</a></li> <li>• <a href="#">Application Instructions</a></li> </ul> <p>Grants.gov Funding Opportunity Number:<br/><a href="#">W81XWH-09-PRORP-IDA</a></p>       | <p>Investigators at all academic levels (or equivalent)</p>             | <ul style="list-style-type: none"> <li>• <b>Preproposal is required; application submission is by invitation only</b></li> <li>• Supports conceptually innovative, high-impact research from all areas of basic, translational, and clinical research as they relate to the research focus areas</li> <li>• Applications must address at least one of the following research focus areas: enhancement of the tissue environment for healing; prevention of complications; maintenance/enhancement of long-term socket performance/fit; solution of critical issues in osseointegration</li> <li>• Innovation and Military Benefit are the most important review criteria</li> <li>• Preliminary data are not required</li> <li>• <i>Funds to directly support clinical trials are excluded</i></li> </ul> | <ul style="list-style-type: none"> <li>• Maximum funding of \$400K for direct costs (plus indirect costs)</li> <li>• Period of performance not to exceed 3 years</li> </ul> | <p><b>Pre-application (Preproposal):</b><br/>August 13, 2009<br/>5:00 p.m. Eastern Time</p> <p><b>Application:</b><br/>November 17, 2009<br/>11:59 p.m. Eastern Time</p> |
| <p><b>Technology Development Award</b></p> <p>Go to:</p> <ul style="list-style-type: none"> <li>• <a href="#">Program Announcement</a></li> <li>• <a href="#">Application Instructions</a></li> </ul> <p>Grants.gov Funding Opportunity Number:<br/><a href="#">W81XWH-09-PRORP-TDA</a></p> | <p>Independent investigators at all academic levels (or equivalent)</p> | <ul style="list-style-type: none"> <li>• <b>Preproposal is required; application submission is by invitation only</b></li> <li>• Provides funding for improved technologies and resources to advance the field of research focused on military combat-relevant orthopaedic injury and rehabilitative medicine</li> <li>• Applications must address at least one of the following research focus areas: development of <i>in vivo</i> translational models for the acute injury environment and for restoration of joint function; maintenance/ enhancement of long-term socket performance/fit</li> <li>• Preliminary data are required</li> <li>• <i>Funds to directly support clinical trials are excluded</i></li> </ul>   | <ul style="list-style-type: none"> <li>• Maximum funding of \$2M for direct costs (plus indirect costs)</li> <li>• Period of performance not to exceed 4 years</li> </ul>   | <p><b>Pre-application (Preproposal):</b><br/>August 13, 2009<br/>5:00 p.m. Eastern Time</p> <p><b>Application:</b><br/>November 17, 2009<br/>11:59 p.m. Eastern Time</p> |

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| <p><b>Translational Research Partnership Award</b></p> <p>Go to:</p> <ul style="list-style-type: none"> <li>• <a href="#">Program Announcement</a></li> <li>• <a href="#">Application Instructions</a></li> </ul> <p>Grants.gov Funding Opportunity Number:<br/><a href="#">W81XWH-09-PRORP-TRPA</a></p> | <p>Independent investigators at all academic levels (or equivalent)</p> | <ul style="list-style-type: none"> <li>• <b>Preproposal is required; application submission is by invitation only</b></li> <li>• Multiple awards made per project</li> <li>• Supports the development of multi-institutional, multidisciplinary translational research partnerships between clinicians and laboratory scientists to accelerate the movement of promising research hypotheses into clinical applications in a manner that would be less readily achievable through separate efforts</li> <li>• Applications must address at least one of the following research focus areas: restoration of joint function; orthopaedic injuries (and sequelae) of the spine not related to spinal cord injury; acceleration of healing; development of a functional innervated muscle for repair of soft tissue injury; solution of critical issues in osseointegration</li> <li>• Preliminary data are required</li> <li>• <i>Funds to directly support clinical trials are excluded</i></li> </ul> | <ul style="list-style-type: none"> <li>• Maximum funding of \$750K for direct costs (plus indirect costs)</li> <li>• Period of performance not to exceed 3 years</li> </ul> | <p><b>Pre-application (Preproposal):</b><br/>August 13, 2009<br/>5:00 p.m. Eastern Time</p> <p><b>Application:</b><br/>November 17, 2009<br/>11:59 p.m. Eastern Time</p> |