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<th>Key Mechanism Elements</th>
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| Era of Hope Scholar Award | • Must be an independent, non-mentored investigator within 6 years of his/her last training position (e.g., postdoctoral fellowship, medical residency, clinical fellowship) as of the application submission deadline. | • Supports exceptionally talented, creative early-career scientists who have demonstrated that they are the “best and brightest” in their fields.  
• Principal Investigators (PIs) should articulate a vision that challenges current dogma and demonstrates an ability to look beyond tradition and convention.  
• PIs should exhibit strong potential for leadership in the breast cancer community.  
• Experience in breast cancer research is not required; however, the application must focus on breast cancer, and the PI must maintain a 50% dedication of his/her full-time professional effort during the award period to breast cancer research.  
• PIs must include breast cancer advocates on their research team.  
• Submission of a Letter of Intent is required prior to full application submission. | • Maximum funding of $2.5M for direct costs (plus indirect costs)  
• The maximum period of performance is 4 years.                                                                                   | Pre-Application (Letter of Intent):  
June 8, 2017  
5:00 p.m. Eastern time (ET)  
Confidential Letters of Recommendation Submission Deadline:  
June 20, 2017  
5:00 p.m. ET  
Application:  
June 15, 2017  
11:59 p.m. ET |

Grants.gov Funding Opportunity Number: W81XWH-17-BCRP-EOHS
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| **Breakthrough Levels 1 and 2 Award** | • Investigators at all academic levels (or equivalent) are eligible.  
• Senior postdoctoral fellows who do not meet the eligibility requirements of the Breakthrough Fellowship Award are encouraged to apply under Funding Levels 1 and 2.  
• Each investigator may submit only one Funding Level 1 application and one Funding Level 2 application as a PI or Initiating PI. | • Supports promising research that has the potential to lead to or make breakthroughs in breast cancer.  
• Potential impact of the research may be near-term or long-term, but it must be significant and go beyond an incremental advancement.  
• Partnering PI Option allows two PIs, termed Initiating and Partnering PIs, to collaborate on a single application.  
• It is the responsibility of the PI to select the funding level that is most appropriate for the research proposed. The funding level should be selected based on the scope of the research project, rather than the amount of the budget.  
• There are no limitations on the number of applications for which an investigator may be named as a Partnering PI. However, applicants are discouraged from submitting as a Partnering PI on multiple applications unless they are clearly unique, meaningful collaborations addressing distinct research questions.  
• Additional funds are available for applications submitted under the Partnering PI Option.  
• Clinical trials are not allowed.  
• Submission of a Letter of Intent is required prior to full application submission. | Funding Level 1:  
• Maximum funding of $375,000 for direct costs (plus indirect costs)  
• The maximum period of performance is 3 years.  
Funding Level 1 with Partnering PI Option:  
• Maximum funding of $600,000 for direct costs (plus indirect costs)  
• The maximum period of performance is 3 years.  
Funding Level 2:  
• Maximum funding of $750,000 for direct costs (plus indirect costs)  
• The maximum period of performance is 3 years.  
Funding Level 2 with Partnering PI Option:  
• Maximum funding of $1M for direct costs (plus indirect costs)  
• The maximum period of performance is 3 years. | **Pre-Application (Letter of Intent):**  
June 8, 2017 5:00 p.m. ET  
**Application:**  
June 15, 2017 11:59 p.m. ET |
<p>| <strong>Grants.gov Funding Opportunity Number:</strong> W81XWH-17-BCRP-BREAKTHROUGH FL12 | | | | |</p>
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| Breakthrough Fellowship Award | As of the application submission deadline, all eligible PIs must have:  
- Successfully completed the requirements for a doctoral or medical degree, and  
- Been in the laboratory or clinical research setting in which the proposed research is to be performed for no more than 2 years, and  
- A total of less than 4 years experience in a postdoctoral fellowship or mentored clinical research training program (excludes any clinical residency or fellowship training).  
Mentor:  
- Must have breast cancer research experience, including current funding and recent publications. | Supports exceptionally talented, “best and brightest” recent doctoral or medical graduates in pursuit of promising research that has the potential to lead to or make breakthroughs in breast cancer.  
- Potential impact of the research may be near-term or long-term, but it must be significant and go beyond an incremental advancement.  
- Individualized researcher development plan and mentorship should prepare the PI for an independent career at the forefront of breast cancer research or patient care.  
- The PI is not required to have previous experience in breast cancer research.  
- Preliminary data are allowed, but not required. | Maximum funding of $300,000 for direct costs (plus indirect costs)  
- Maximum period of performance is 3 years | Pre-Application (Letter of Intent):  
June 8, 2017  
5:00 p.m. Eastern time (ET)  
Confidential Letters of Recommendation Submission Deadline:  
June 20, 2017  
5:00 p.m. ET  
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