



**PRESS RELEASE**  
**For Immediate Release**  
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## **Ceralink Receives Phase I Award for Ultra High Temperature Microwave Processing of Ceramics**

**Troy, New York** – Ceralink Inc., a leader in materials engineering and technology commercialization, announced today that it has been awarded a \$150,000 Phase I contract by the National Science Foundation (NSF) to develop an ultra high temperature (>1800°C) microwave sintering process for densifying ceramics for armor and other structural applications.

Dr. Holly Shulman, president and chief technical officer at Ceralink, is the principal investigator on this program. “We are very pleased to receive this award in order to develop next generation processing methods for ultra high temperature ceramics,” said Dr. Shulman. Ultra High Temperature Ceramics (UHTC’s) are a unique class of materials needed for use in extreme environments. Materials of particular focus are boron carbide and silicon carbide. Ceralink’s NSF Phase I program will include selection and testing of insulation materials for development of a UHT microwave compatible insulation package. The materials used must exhibit both high temperature capabilities and microwave transparency, in order to develop appropriate heat containment.

Ceralink, a global leader in the development of microwave processing technologies, specializes in materials consulting, R&D, microwave technology and scale up, materials analysis, and lean green engineering. Throughout their 10 years in business, Ceralink has combined top notch engineering with materials innovation and dedication to the development of sustainable manufacturing solutions.

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