Commercializing enhanced fibers into game-changing composite products

"The SBDC has been an outstanding resource for us, whether it has been making introductions to key individuals, finding funding or manufacturing assistance, developing business strategies or navigating the regulatory environment, they can always be counted on."

Dr. John E. Garnier invented an alpha silicon carbide/carbon fiber while working at the Idaho National Lab (INL). He knew he had to share his discovery with the world so he retired and started Advanced Ceramic Fibers. He recruited a talented team and began the commercialization process. With four issued patents and others pending, the company received recognition by the Idaho Technology Council as “Early Stage Innovation of the Year” for 2015.

Idaho SBDC consultants and the Tech Team helped with design of the commercialization business model, access to federal research and development grants, and connection to critical resources. ACF is Garnier’s seventh startup and has the ability to create an entirely new world of metal and ceramic composites that are stronger, lighter and resistant to oxidation, radiation and abrasion.