

# University of Southern Mississippi “Gap Fund”

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ADC Regional Meeting

Gulfport, MS

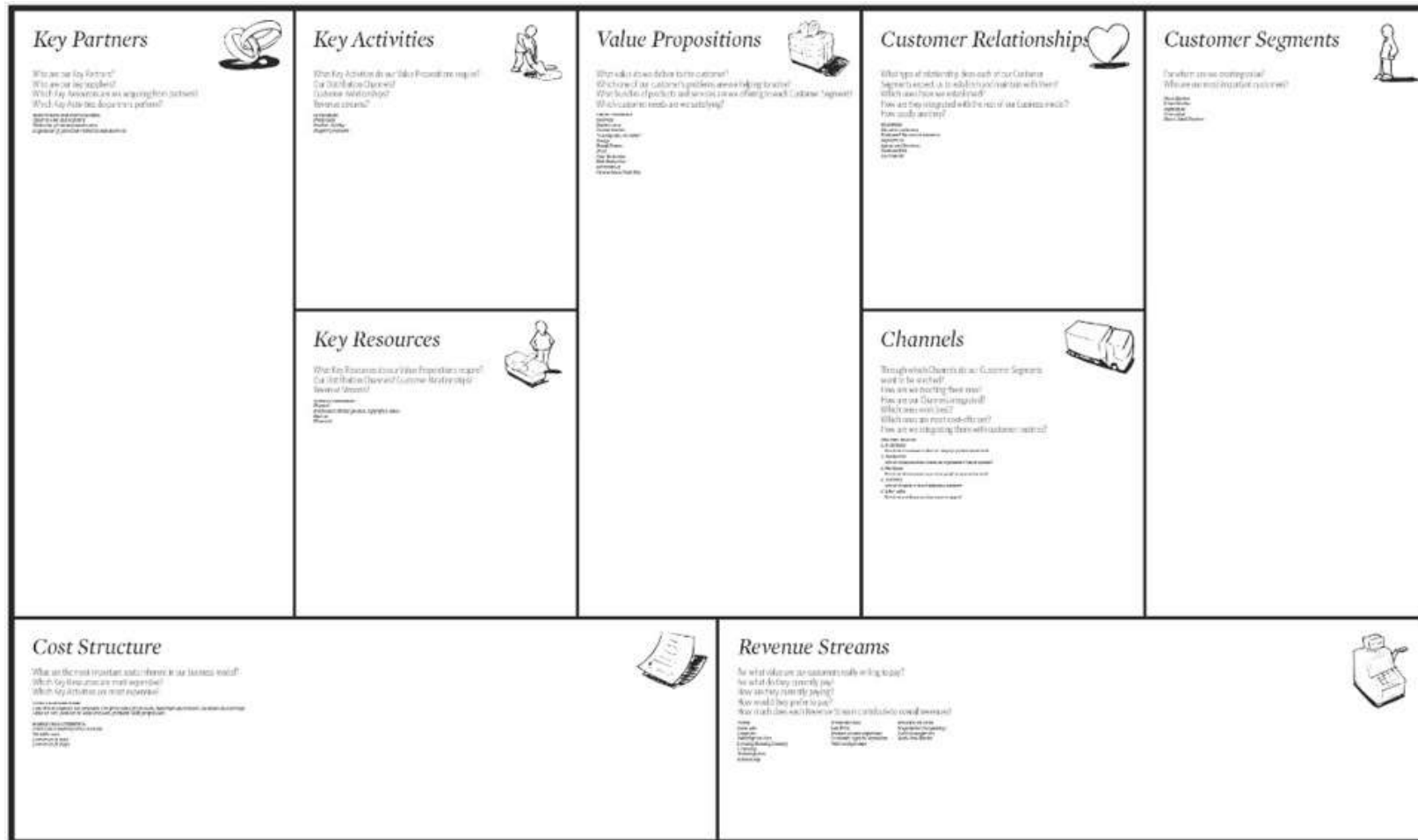
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# Goals

- Identify and stimulate promising new dual-use technologies
- Support and further the commercial potential of promising early-stage military/civilian technologies
- Use a small amount of funding
- Increase the value of technologies and make them appealing to further investment, out-licensing, or for forming a company start-up around the technology
- Scalability
- Sustainability



# Business Model Canvas (a.k.a.: "Mission Model Canvas")



# Gap Fund Awardees

<b>OSD Technologies</b>	Medical device to prevent the onset of Ventilator Acquired Pneumonia (VAP)
<b>EnergyID</b>	Patent-pending five-stage heat exchanger, MAXXX, which has been shown to improve fuel economy by up to 30% in diesels
<b>SquelchFire</b>	Patent-pending polyurethane flame retardant that is lower in cost and with improved health and environmental properties to existing commercial flame retardants
<b>Speedbox</b>	Commercial version of their patented 300 lb. rugged lightweight DoD transport container
<b>SciGenesis</b>	Fabric for US military uniforms with their drop-in, ready ink to provide flame retardancy in standard nylon/cotton blends
<b>Y&amp;C Products</b>	Novel hand-cleaner which is already in reorder by the military and which was developed to overcome deficiencies of existing commercial cleaners, including odor removal
<b>I2R</b>	Technology to calibrate sensitive nighttime imaging for satellite and aircraft mounted visible spectrum cameras that acquire imagery at night under very low light levels
<b>Oji Mobile App</b>	Multi-purpose mobile treatment app designed to provide real-time, user-friendly engagement aimed at reducing reasoning and behaviors that lead to criminal conduct and poor mental health
<b>Kopis Mobile</b>	Portable pump for containment berms already developed for DoD applications to other dual-use applications such as disaster recovery, emergency management, and commercial site cleanup.
<b>Azuled</b>	Organic Light Emitting Diode (OLED) prototype device using their patented technology to provide thinner, brighter displays while lowering energy and production costs