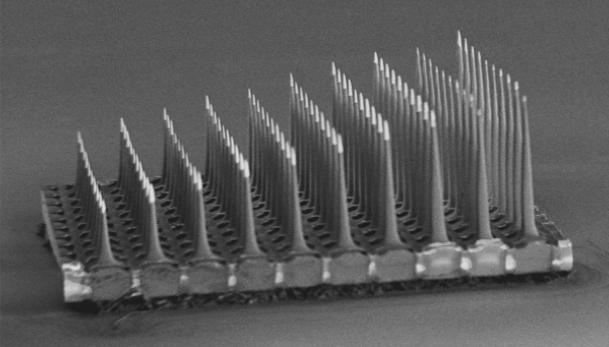


Product / Technology	Applications and Unique Features	Regulatory Status
<p>Utah Slanted Electrode Array - Silicon intrafascicular microelectrode array for peripheral nerve applications.</p>	 <ul style="list-style-type: none"> <li>• 96-channel microelectrode array for highly selective stimulation and recording in peripheral nerves</li> <li>• Varied electrode length for full coverage of nerve cross-section</li> <li>• Fixed geometry ideal for nerve mapping studies</li> <li>• High selectivity within nerve fascicles for precise control of multiple different innervation targets of the implanted nerve</li> <li>• Platinum and sputtered iridium oxide electrodes</li> </ul>	<p>Not cleared for clinical use by FDA, but can be used under IRB or IDE guidance for research studies.</p>

Auxiliary Support	Description
Engineering Expertise	<ul style="list-style-type: none"> <li>• Product development using FDA Design Control Processes</li> <li>• Microfabrication of silicon- and polymer-based devices <ul style="list-style-type: none"> <li>• Custom electrode array architectures for neural recording and stimulation</li> </ul> </li> <li>• Analog and digital circuit design</li> <li>• Embedded systems</li> <li>• Custom ASIC development</li> <li>• Hermetic packaging</li> <li>• Wireless data transmission</li> <li>• Custom software development for experiment control, data acquisition, analysis and display</li> <li>• Custom neural recording headstages and adapters</li> </ul>
Regulatory Assistance	<ul style="list-style-type: none"> <li>• Rights of reference to leverage existing data from cleared and pre-clinical devices towards new IDE submissions</li> <li>• Support and expertise in IDE submissions</li> <li>• Support and expertise in IRB submissions</li> </ul>
Data Repository	<ul style="list-style-type: none"> <li>• Centralized repository for data sharing</li> <li>• Physiological data</li> <li>• Analysis code</li> </ul>

### Additional Support

Blackrock will provide technical support assistance towards the successful execution of any joint projects under the BRAIN program. Blackrock may also provide software and hardware engineering support as required for the project.