

Appendix C

National Academy of Engineering (NAE) Grand Challenges for Engineering

Grand Challenges	CHARACTERISTIC	
GC1	Make Solar Energy Economical	<input type="checkbox"/>
GC2	Provide Energy from Fusion	<input type="checkbox"/>
GC3	Develop Carbon Sequestration Methods	<input type="checkbox"/>
GC4	Manage the Nitrogen Cycle	<input type="checkbox"/>
GC5	Provide Access to Clean Water	<input type="checkbox"/>
GC6	Restore and Improve Urban Infrastructure	<input type="checkbox"/>
GC7	Advance Health Informatics	<input type="checkbox"/>
GC8	Engineer Better Medicines	<input type="checkbox"/>
GC9	Reverse-Engineer the Brain	<input type="checkbox"/>
GC10	Prevent Nuclear Terror	<input type="checkbox"/>
GC11	Secure Cyberspace	<input type="checkbox"/>
GC12	Enhance Virtual Reality	<input type="checkbox"/>
GC13	Advance Personalized Learning	<input type="checkbox"/>
GC14	Engineer the Tools of Scientific Discovery	<input type="checkbox"/>

Comments:

Supervisor Signature: _____