

## **LAPPD Year 2 ARRA Funding Milestones**

Milestones for the ARRA funding from July 1, 2010 to June 30, 2011

1. Demonstration of gain of  $10^6$  and aging performance comparable to or better than that of commercial plates with a pair of capillary MCP plates functionalized by ALD;
2. Development of an MCP test facility capable of handling 8" plates in tiles;
3. Functionalization of an 8"  $\times$  8" glass capillary substrate with ALD;
4. Observation of gain from an ALD-functionalized 8"  $\times$  8" MCP plate;
5. Design and costing of a photocathode characterization facility;
6. Design and costing of an 8" glass tile assembly facility.