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” × 8” glass capillary substrate with ALD;

4. Observation of gain from an ALD-functionalized 8” × 8” MCP plate;

5. Design and costing of a photocathode characterization facility;

6. Design and costing of an 8” glass tile assembly facility.