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Fermi-LAT daily monitoring observations of the microquasar Cygnus X-1 STEPHEN HOOD, AUSTIN WALDRON, JOSHUA O'NEILL, ARASH BODAGHEE, Georgia College State University — Detection of gamma-ray emission from microquasars is important for understanding particle acceleration in the jet, and for constraining leptonic/hadronic emission models. We present a continuation of a 1-d likelihood analysis on gamma-ray observations by *Fermi*-LAT (0.1–10 GeV) of the accreting black hole candidate Cygnus X-1. Combining this gamma-ray data with available X-ray monitoring data from *Swift* and *MAXI* allowed us to reveal four days (in a two-year period) on which Cyg X-1 displayed low-significance (3–4σ) excesses, three of which were contemporaneous with apparent transitions in the X-rays.

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