

**Georgia Tech School of Chemical & Biomolecular Engineering**  
**Predocutorial Review Progress Report Form**

To be submitted to thesis committee at least one week before the predocutorial review.

**Student's Name:**

**Thesis Title:**

**Working Abstract:**

Up to 250 words, in paragraph form, indicating a) project objectives/aims, b) intellectual accomplishments and contributions, and c) benefit to society; may be colloquium abstract if appropriate. If any objectives/aims have changed, identify them with an asterisk\* and include a separate one sentence description explaining/justifying each change.

**Title of proposed thesis chapters:**

Potential example:

Chapter 1: Introduction

Chapter 2: Materials and Experimental Methods

Chapter 3: Development of Parallel Ground-Based Strategies

...

**Proposed month of thesis defense:**

**List honors, awards, patent applications, internships, or other notable activities:**

(Maximum of three)

**List all accepted/published manuscripts:**

Suggested format:

G.P. Burdell, P. Johnson, and G.P. Peterson. "Impact of parallel ground-based options on effectiveness of aerial advancement." *Nature Protocols* **11**, 1240-1247 (2016).

**List all manuscripts in review or in preparation to be submitted before defense:**

Suggested format:

G.T. Buzz, G.P. Burdell, and G.P. Peterson. "Enhancement of communal enthusiasm to deter undesired advancement in adversarial systems." In review at *PLOS ONE* (submitted January 14, 2016).

G.P. Burdell, D.S. Sholl, and G.P. Peterson. "DFT simulations to enable discovery of optimal materials for maintenance of pre-1940's automobiles." In preparation (expected submission to *PNAS* in March, 2016).

**List all conference presentations:**

Suggested format:

G.P. Burdell, P. Johnson, and G.P. Peterson. "Impact of parallel ground-based options on effectiveness of aerial advancement." Oral presentation, AIChE annual meeting, Atlanta, 2014.

G.P. Burdell, G.T. Buzz, and G.P. Peterson. "Enhancement of communal enthusiasm to deter undesired advancement in adversarial systems." Poster presentation, AIChE annual meeting, Salt Lake City, 2015.