

Metabolic Interactions and Capabilities within Microbial Communities

A Dissertation

Presented to
the faculty of the School of Engineering and Applied Science
University of Virginia

in partial fulfillment
of the requirements for the degree

Doctor of Philosophy

by

Gregory Leonard Medlock

May 2019

APPROVAL SHEET

This Dissertation
is submitted in partial fulfillment of the requirements
for the degree of
Doctor of Philosophy

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A handwritten signature in black ink, appearing to read 'CHB', is written over a horizontal line.

Craig H. Benson, School of Engineering and Applied Science

May 2019