OMB No. 0925-0001 and 0925-0002 (Rev. 09/17 Approved Through 03/31/2020)

BIOGRAPHICAL SKETCH

Provide the following information for the Senior/key personnel and other significant contributors.

Follow this format for each person. **DO NOT EXCEED FIVE PAGES**.

NAME: Elkind, Katherine

eRA COMMONS USER NAME (credential, e.g., agency login): N/A

POSITION TITLE: Student

EDUCATION/TRAINING *(Begin with baccalaureate or other initial professional education, such as nursing, include postdoctoral training and residency training if applicable. Add/delete rows as necessary.)*

INSTITUTION AND LOCATION	DEGREE *(if applicable)*	Completion Date MM/YYYY	FIELD OF STUDY
Gettysburg College	BA	05/2011	Spanish Linguistics
Boston University	MS	01/2018	Electrical and Computer Engineering

B. Positions and Honors

Positions and Employment

2016 - Intern, STAR Analytical Services, Lexington, MA
2017 - Research Assistant, CIDAR Lab, Boston University, Boston, MA
2017 Teaching Assistant, Department of Electrical and Computer Engineering, Boston University, Boston, MA
2011 - 2014 Administrator, Vamos Spanish Academy, Buenos Aires, Argentina

C. Contribution to Science

1. My internship with STAR Analytical Services has focused on signal processing, primarily of acoustic and speech signals. I've written code to aid with the blind separation of multiple source signals. These software would be employed with hearing aids in order to allow hearing aid users to choose what sounds they wish to listen to in a noisy environment, rather than only being able to turn up the volume and amplify every sound in a noisy environment. I've acted as an assistant to the primary investigators.

2. My experience as a Research Assistant with CIDAR Lab has focused on CAD Tools for Synthetic Biology. My project development has focused on front-end design of a tool and workflow for the design and verification of genetic logic circuits. This software allows non-technical users to take advantage of computer automation so that they can design the best genetic circuits to achieve their goals. I've been the primary developer for the design prototypes.

D. Research Support and/or Scholastic Performance

Schostic Performance
Relevant Coursework at Boston University. P indicates a passing grade of B or better.

Year	Course	Grade
2017	Next Generation Sequencing	P
2017	Computational Synthetic Biology	P
2017	Biomedical Optics	P
2016	Digital Signal Processing	P
2015	Signals and Systems	P
2015	Biomedical Measurements	P