

2018-2019  
**CAS Faculty Research Assistant Positions**

**Biology**

Research Assistant Position: 10 hours weekly

Supervisor: **Celeste Peterson, Biology Department**

Contact: [cnpeterson@suffolk.edu](mailto:cnpeterson@suffolk.edu) or 617.573.8249

Description: RA needed to assist with a number of laboratory based projects, including a study about protein degradation in the bacterium Escherichia coli. Tasks include making sterile media and buffers, carrying out protein purification, making and verifying genetic strains, starting polymerase chain reactions (PCR) and Western blots. The ability to keep a detailed laboratory notebook is required. Proficiency in basic lab skills (pipetting, sterile technique, media and buffer making etc) and good oral and written communication skills are useful but not required.

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**Chemistry**

Research Assistant Position: 10 hours weekly

Supervisor: **Kelsey Stocker, Chemistry Department**

Contact: [kstocker2@suffolk.edu](mailto:kstocker2@suffolk.edu) or 617.573.8254

Description: RA needed to assist with a computational investigation of a chemical reaction mechanism. Tasks include research, data analysis, and reporting of results. The RA will be asked to draw molecular structures, create input files, submit software calculations, monitor calculation progress, visualize structures, and compile results. Required skills: Basic computer skills (Microsoft Office, copy/paste, etc.) and General Chemistry II (CHEM-112/L112) experience. Helpful, but not required skills: Unix/Terminal command knowledge, Organic Chemistry II (CHEM-212/L212) experience, molecular editor programs (Avogadro, ChemDraw), molecular visualization software (VMD)

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**English**

Research Assistant Position: 5 hours weekly

Supervisor: **Bryan Trabold, English Department**

Contact: [btrabold@suffolk.edu](mailto:btrabold@suffolk.edu) or 617.573.8275

Description: RA needed to assist in the creation of an index for a book that will be published in June, 2018. Must be a careful and attentive reader who is well organized and attentive to detail.

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## **Philosophy**

Research Assistant Position: 5 hours weekly

Supervisor: **Tryan McMickens, Philosophy Department**

Contact: [tmcmickens@suffolk.edu](mailto:tmcmickens@suffolk.edu) or 617.725.4176

Description: The primary tasks that the prospective research assistant would be working on include: conduct literature reviews on various topics in American higher education; organize research articles in online storage system; conduct electronic library research on theoretical frameworks (i.e., critical race theory, racial socialization, critical pedagogy); transcribe interview data; compile and analyze data; copy edit drafts and research documents, and check manuscripts for alignment with APA.

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## **Psychology**

Research Assistant Position: 10 hours weekly

Supervisor: **Jessica Graham-LoPresti, Psychology Department**

Contact: [Jessica.Rose.Graham@gmail.com](mailto:Jessica.Rose.Graham@gmail.com) or 412-779-6261

Description: RA needed to assist with a number of projects, including a cross-sectional study exploring the impact of racism on mental health and a study exploring the effectiveness of a workshop addressing racism-related stress. Tasks include literature searches, writing, editing, development of recruitment materials and strategies, maintenance of the project database, data management, and communication with study staff as well as participants. In addition, the RA will be asked to contribute to publication efforts including literature searches, references, and proofreading/editing (opportunities for authorship can be discussed). It is important that the RA be detail oriented, timely, able to check and respond to email daily, have experience with Microsoft Office, as well as experience engaging in literature searches. Interest in issues related to racism, marginalization and/or mental health preferred.