

2024-2025

## CAS Faculty Research Assistant Positions

### **Art and Design**

Research Assistant Position: Up to 10 hours weekly  
Supervisor: Prof. Susan Nichter, Art and Design Department  
Contact: [snichter@suffolk.edu](mailto:snichter@suffolk.edu)

Description: in search of a research assistant who is eager to delve into the realm of VR and AR, transforming traditional drawings into three-dimensional, animated objects. The RA will be involved in several aspects of creating, from the planning and execution of all projects to conceptualization and the installation of at least one exhibit in an alternative space or gallery setting. I am looking for an individual proficient in After Effects, Premiere Pro, Procreate, Procreate Dreams, Blender, among other platforms, who is also capable of hands-on construction and editing tasks. This position is ideally suited for students specializing in Film, Art & Design. Applicants are encouraged to highlight their experience with the aforementioned platforms in their cover letter.

### **Biochemistry, Chemistry, Environment and Physics**

Research Assistant Position: Up to 10 hours weekly  
Supervisor: Prof. Kelsey Stocker, BiCEP Department  
Contact: [kstocker2@suffolk.edu](mailto:kstocker2@suffolk.edu)

Description: Research assistant tasks include: searching and reading peer-reviewed chemical literature; writing an annotated bibliography; drawing molecules in a chemistry software program and selecting the appropriate method to calculate properties; recording calculated results in an Excel or Google Sheets table; keeping an electronic laboratory notebook in Microsoft OneNote; developing a mathematical model based on thermodynamic and kinetic principles (in collaboration with supervising faculty member). Basic computer skills (Microsoft Office, etc.) and chemistry experience equivalent to CHEM-112/L112 (General Chemistry II) required. Chemistry experience equivalent to CHEM-411/L411 (Quantum Mechanics & Spectroscopy) or CHEM-412/L412 (Thermodynamics & Kinetics) preferred. Experience with Linux/Unix environment and commands helpful but not required.

### **Communication, Journalism, and Media**

Research Assistant Position: Up to 10 hours weekly  
Supervisor: Prof. Jeremy Levine, CJN-Media Department  
Contact: [jlevine3@suffolk.edu](mailto:jlevine3@suffolk.edu)

Description: This position will be open to undergraduates and graduate students studying Media & Film. Students must have experience with Adobe Suite, including a strong understanding of Adobe Premiere. Students must also be able to create and maintain spreadsheets in Excel and Google Sheets. I am looking for students who are highly organized, detail oriented, and have strong time management skills. Students will be engaged in research, production, and post-production work.

### **English**

Research Assistant Position: Up to 10 hours weekly  
Supervisor: Prof. Hannah Hudson, English Department  
Contact: [hhudson@suffolk.edu](mailto:hhudson@suffolk.edu)

Description: Seeking to hire meticulously detail-oriented, a fast and accurate reader (with some experience and interest in reading historical and literary texts), willing to learn new and specific bibliographical styles, and with strong skills in writing and copy-editing. Familiarity with navigating online databases such as JSTOR or ECCO is desirable but not required. Tasks for the RA include: checking citations, transcriptions, and quotations against original historical sources; compiling keywords for scholarly index; checking publication proofs; compiling bibliographies and formatting them to match a particular style sheet; reading indexes for eighteenth-century periodicals to flag relevant topics; downloading and organizing images of primary historical sources; creating spreadsheets to organize results by keyword, author, or genre

### **History, Language, and Global Culture**

Research Assistant Position: Up to 10 hours weekly  
Supervisor: Prof. Iani Moreno, HLG Department  
Contact: [imoreno@suffolk.edu](mailto:imoreno@suffolk.edu)

Description: RA needed to assist with a number of projects, including researching Central American migration to the U.S., contemporary history, culture, literature, and art of Central America, translating works from Spanish to English, and maintenance of the project website. Research skills (library, cross-disciplinary, and online) and editorial skills are required. The candidate must be able to read and write Spanish and English well at a native or near native speaker level and know how to use MLA and Chicago style bibliography, Microsoft Word Office, and google platform. Having had some experience translating texts from Spanish to English is a plus. The student should be thoroughly dedicated, committed and available to work 10 hours a week. Other work obligations such as workstudy or an internship may make this position too time consuming. I plan to advertise the position on campus and in my classes in both English and Spanish.

### **Mathematics and Computer Science**

Research Assistant Position: Up to 10 hours weekly  
Supervisor: Prof. Dmitry Zinoviev, Mathematics Department  
Contact: [dzinoviev@suffolk.edu](mailto:dzinoviev@suffolk.edu)

Description: The RA will be engaged in the documentation process for two computer programming language-related projects. The work entails preparing user manuals/tutorials and developing two comprehensive sets of examples. Currently, one tutorial is available only in PDF format, while the other requires extraction from a printed book, followed by extensive reorganization. Some examples are also present, but they need significant enhancement.

Required skills: Proficiency in LaTeX or a strong willingness to learn it; familiarity with vector drawing software, with a preference for Inkscape; a good grasp of technical English or an excellent ability to use Language Learning Models (LLMs) as a substitute; a good understanding of computer programming concepts. Preferred skills: knowledge of an assembly language would be advantageous; an eagerness to learn and work with StarSet is highly desirable.

**Psychology**

Research Assistant Position: Up to 10 hours weekly

Supervisor: Prof. Mary Beth Medvide, Psychology Department

Contact: mmedvide@suffolk.edu

Description: The RA would assist with background research for the manuscript on topics related to hope. This will include finding articles and book chapters through the Suffolk University library system and making them available for further review, such as downloading them onto a shared drive. The RA may also help with manuscript preparation by checking the in-text citations and references for fit with APA format and double-checking that all in-text citations are represented in the reference section. The RA may also help with the creation and formatting of diagrams or charts.

**Required Skills:** The RA should be familiar with the Suffolk University library system to access books, journal articles, and other scholarly material. This should include familiarity with PsycInfo, ERIC, and other databases typically used for research in the social sciences and education.

Additionally, the RA should have knowledge of APA style for in-text citations and references. The RA should be competent in the use of Dropbox, Google Drive, or similar cloud-based sharing platforms. Similarly, the RA should be competent in the use of Microsoft Word.

**Preferred Skills:** It is preferred but not required that the RA be familiar with literature on hope found in psychology and education.