

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

**Art and Design**

Research Assistant Position: 5 hours weekly

Supervisor: **Prof. Ilona Anderson, Art & Design Department**

Contact: [ianderson@suffolk.edu](mailto:ianderson@suffolk.edu) or 617.872.7476

Description: RA needs to assist with a number of projects, including inputting my animation cells into After Effects and other Adobe programs. If time permits, researching appropriate music for the various animations will be of value, as will maintaining the website used to display the animations. Programming skills, and Photoshop and other Adobe skills will be beneficial.

Research Assistant Position: 5 hours weekly

Supervisor: **Susan Nichter, Art & Design Department**

Contact: [snichter@suffolk.edu](mailto:snichter@suffolk.edu) or 617.994.4286

Description: RA needed to assist with a number of projects, including two public works consisting of installation and film. One installation will be at the Dean Center, Spaulding Rehab Hospital in Charlestown, the other intended for the Museum of Science and in collaboration with Black Hole Specialist, Dr. Paul Joss, MIT. The RA will be included in all aspects of planning, executing and installing an installation based on dwarf stars as recorded from the Hubble spacecraft. Tasks include knowledge of Adobe After Effects, creation of project website and hands on making and assisting with various mediums including learning glass blowing. Website design is useful, but not required, and Photoshop skills a must. RA must know motion graphics and visual effects with Adobe After Effects CC.

**Biology**

Research Assistant Position: 10 hours weekly

Supervisor: **Annette McGehee, Biology Department**

Contact: [amcgehee@suffolk.edu](mailto:amcgehee@suffolk.edu) or 617.573.8247

Description: RA needed to assist with a research project involving the genetics and behavior of *C. elegans*. Tasks include maintaining stocks of *C. elegans* worms, setting up and analyzing genetic crosses, performing and analyzing behavioral and PCR analyses. This position requires attention to detail, and meticulous note-taking skills. Prior lab experience is preferred.

Research Assistant Position: 10 hours weekly

Supervisor: **Maghnus O'Seaghdha, Biology Department**

Contact: [moseaghdha@suffolk.edu](mailto:moseaghdha@suffolk.edu) or 617.573.8622

Description: The RA will primarily be involved in their lead project, but will also be expected to support other ongoing projects in the lab. Tasks include bench research, the cultivation of biosafety-level-2 (BSL-2) microorganisms, maintenance of lab stocks and cell lines, data analysis and presentation at weekly lab meetings. Accurate record keeping and experimental planning are essential, but the RA will also receive mentorship in these skills. The ideal candidate will be enthusiastic and eager to learn and improve their laboratory skills. The RA will also be required to have BSL-2 training."

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.

## **Chemistry**

Research Assistant Position: 10 hours weekly

Supervisor: **Melanie Berkmen, Chemistry Department**

Contact: [mberkmen@suffolk.edu](mailto:mberkmen@suffolk.edu) or 617.921.0654

Description: RA will perform novel biochemical research on bacterial mating. Tasks include sterilizing glassware and preparing and sterilizing solutions and liquid and solid bacterial growth media. RA will grow bacteria and monitor bacterial growth with spectroscopy. RA will purify His6-ConQ (and ATPase mutants) from bacterial cells and characterize the protein using biochemical techniques. RA will record procedures and data in laboratory

notebook and make and present Powerpoint presentations on research to other lab members. The ideal RA will have biochemistry summer research experience and/or excelled (B+ or better) in biochemistry I and biochemistry II, and their associated labs. Sophomore standing or higher preferred.

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).

Research Assistant Position: 10 hours weekly

Supervisor: **Denyce Wicht, Chemistry Department**

Contact: [dwicht@suffolk.edu](mailto:dwicht@suffolk.edu) or 617.573.8252

Description: RA needed to assist with experimentally based research projects that include the synthesis, purification, and characterization of inorganic molecules, organic molecules, and biomolecules.

Tasks include creating and executing experimental protocols, maintaining an up-to-date laboratory notebook, collecting and analyzing research data, and organizing data in tables and graphs.

Attendance at weekly research meetings will be required. In addition, the RA may be asked to present evidence of novel research activities at local, regional, and national research conferences.

The RA will be detailed-oriented and organized. The RA will be required to demonstrate safe laboratory practices and quantitative reasoning skills consistent with 100 and 200 level chemistry coursework.

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## **Economics**

Research Assistant Position: 5 hours weekly

Supervisor: **Alison Kelly, Economics Department**

Contact: [akelly@suffolk.edu](mailto:akelly@suffolk.edu) or 617.573.8069

Description: RA needed to assist with a number of projects, including the preparation of a Data Analytics text. Tasks include research, editing, data gathering, and data analysis. In addition, the RA will be asked to prepare and write solutions for exercises, as well as accuracy-check parts of the text that have already been completed. Research skills (library, cross-disciplinary, and online), good writing skills, and completion of an econometrics course within the last two years are required. Knowledge of Excel's Analytic Solver and R are useful, but not required.

## **English**

Research Assistant Position: 10 hours weekly

Supervisor: **Hannah Hudson, English Department**

Contact: [hhudson@suffolk.edu](mailto:hhudson@suffolk.edu) or 617.573.8271

Description: RA needed to assist with several literary research projects, including a book on the history of the popular novel around 1800. Candidates must be meticulously detail-oriented with strong skills in reading, writing, and copy-editing. Familiarity with style sheets including MLA and Chicago (or willingness to learn) is required. Tasks will include editing, formatting citations, reading and summarizing historical sources (including eighteenth-century novels and magazines), organizing literary data in a spreadsheet, and conducting research in online databases. Interest in or experience with English literature or historical research is strongly desired.

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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## **Government**

Research Assistant Position: 10 hours weekly

Supervisor: **Michal Ben-Josef - Hirsch, Government Department**

Contact: [michaelbjh@suffolk.edu](mailto:michaelbjh@suffolk.edu)

Description: RA needed to assist with a research project that is assessing the strength of transitional justice international norms. Tasks include researching and coding NGOs reports and United Nations documents. In

addition, the RA will keep a detailed annotation of the reports and documents and integrate it into the project's bibliography. The RA should be detail oriented and preferably interested in reading materials about human rights.

Research Assistant Position: 5 hours weekly

Supervisor: **Roberto Dominguez, Government Department**

Contact: [rdominguez@suffolk.edu](mailto:rdominguez@suffolk.edu)

Description: RA needed to assist with a number of projects related to Security and Latin America. Tasks include research, editing, maintenance of the project website, data gathering, and data analysis. Research skills (library, cross-disciplinary, and online) and editorial skills are required. Social science research skills (research methods, stats, etc.) are extremely important for meeting the expectations of the task.

## **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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## **Physics**

Research Assistant Position: 5 hours weekly

Supervisor: **Walter Johnson, Physics department**

Contact: [wjohnson@suffolk.edu](mailto:wjohnson@suffolk.edu) or 617.573.8602

Description: A research assistant is needed to help with a number of projects involving the Oculus Rift and an augmented reality, non-tethered device, such as the Hololens. Tasks include researching ways to get files from a 360 camera into an Oculus Rift, researching new hardware AR devices, learning to use such a device, developing holograms to support physics classes and laboratories, and finding a way to run 3D designs on the Oculus Rift. The student must have experience with the Hololens and the Oculus Rift. It is helpful, but not required, to have skills in art and design and be comfortable learning and using 3D design software.

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## **Psychology**

Research Assistant Position: 5 hours weekly

Supervisor: **Rose DiBiase, Psychology Department**

Contact: [rdibiase@suffolk.edu](mailto:rdibiase@suffolk.edu) or 617.573.8483

Description: RA needed to assist with a number of projects, including a study of preschool self-concept. Tasks include research, editing, maintenance of the project data base, data gathering, and data analysis. In addition, the RA will be asked to recruit Head Start Centers for future projects, assist in literature search and summarizing

relevant studies. Research skills (library, cross-disciplinary, and online) and editorial skills are required. Social science research skills (research methods, stats, etc.), and a knowledge of SPSS is preferred.

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.

Research Assistant Position: 5 hours weekly

Supervisor: **Debra Harkins, Psychology Department**

Contact: [dharkins@suffolk.edu](mailto:dharkins@suffolk.edu) or 617.305.1926

Description: RA needed to assist with a number of research projects, including a study of service-learning mentoring. Tasks include research, editing, organizing research participants, data gathering, and data analysis. Research skills (library, cross-disciplinary, and online) and editorial skills are required. Social science research skills (research methods, stats, etc.) and experience with community-based research.

Research Assistant Position: 10 hours weekly

Supervisor: **David Langer, Psychology Department**

Contact: [dlanger@suffolk.edu](mailto:dlanger@suffolk.edu)

Description: How do therapists plan treatments for youth psychotherapy? An RA is needed to conduct qualitative interviews with child and family therapists in the Boston area to assess therapist perspectives on how treatments are planned and the role children and caregivers play in treatment planning. RA tasks include: training in and conducting semi-structured qualitative interviews, scheduling interviews with therapists and transcribing completed interviews, and contributing to the development of a therapist assessment protocol and an interview codebook. Interviewing skills and training in psychosocial treatment skills strongly preferred, experience with qualitative data collection and/or analysis also preferred but not required.

Research Assistant Position: 5 hours weekly

Supervisor: **Amy Marks, Psychology Department**

Contact: Email: [akmarks@suffolk.edu](mailto:akmarks@suffolk.edu) or 617.573.8017

Description: RA needed to assist with an ongoing, longitudinal study of immigrant youth and family well-being. Tasks include participant recruitment, data collection, transcription of interviews, qualitative data coding, and assistance with grant writing. Research skills (library, cross-disciplinary, and online) and editorial skills are required, along with excellent interpersonal skills and sensitivity working with individuals in low-economic and diverse cultural backgrounds. Past experience with community-based recruitment would be valued, but is not essential.

Research Assistant Position: 10 hours weekly

Supervisor: **Susan Orsillo, Psychology Department**

Contact: [sorsillo@suffolk.edu](mailto:sorsillo@suffolk.edu) or 617.305.1924

Description: RA needed to assist with a number of projects aimed at improving the accessibility of services developed to improve the psychosocial functioning of college students during their adjustment to college.

Responsibilities include: Engaging in outreach efforts to build collaborative research networks with other colleges and universities, developing IRB materials, conducting literature reviews, writing research summaries, assisting with design of focus groups, recruiting participants, conducting focus groups, coding responses, and contributing to the development of culturally sensitive program materials. Research and statistical analytical skills, as well as experience engaging in critical reviews of the research literature, are required. Some supervised clinical experience is useful, but not required.

Research Assistant Position: 5 hours weekly

Supervisor: **Michael Suvak, Psychology Department**

Contact: [msuvak@suffolk.edu](mailto:msuvak@suffolk.edu) or 617.994.6869

Description: RA needed to help with multiple studies including an investigation of the dispositional and situational factors that influence compassionate responding and an investigation of the implementation of Cognitive Processing Therapy (CPT) for posttraumatic stress disorder (PTSD). Primary tasks will include data entry, data coding, data management, data analysis, and report and manuscript preparation. The RA will likely also oversee the work of undergraduate volunteer research assistants who will assist with data collection, entry, and coding. Seeking an RA with data management and analysis skills using Excel and SPSS and experience using Qualtrics.

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## **Sociology**

Research Assistant Position: 10 hours weekly

Supervisor: **Carlos Monteiro, Sociology Department**

Contact: [cmonteiro@suffolk.edu](mailto:cmonteiro@suffolk.edu) or 617.573.8489

Description: Research assistant (RA) needed to help with a number of projects, including a comprehensive study of correctional officer wellbeing and suicide. The RA will have the opportunity to work on a portfolio of research projects involving corrections and reentry. More specifically, the RA will play a key role in the actual research process including data collection, data entry, and data analysis. The tasks involved include gathering and summarizing relevant research literature, preparing IRB documentation and instrument development/enhancement, assisting in participant recruitment and data collection, collaborating on preparation of manuscripts and presentations, as well as assistance in conducting data analysis and preparing results for publication and presentations. The person applying for this position should have a strong interest in research, in graduate school, be generally outgoing, pleasant and helpful. He or she should have a strong knowledge of criminal justice system, particularly in the area of correction and reentry. Skillsets in statistical packages including excel, SPSS, and STATA will be advantageous but are not required.

Research Assistant Position: 5 hours weekly

Supervisor: **Elizabeth Robinson, Sociology Department**

Contact: [erobinson@suffolk.edu](mailto:erobinson@suffolk.edu) or 617- 573-6483

Description: RA needed to assist with a number of projects, including a longitudinal qualitative study of effective teaching strategies in Suffolk University's TESOL Certificate courses. Tasks include research, editing, maintenance of the project website, data gathering, and data analysis. In addition, the RA will be asked to outreach, plan, and create study guides for a film project. Research skills (library, cross-disciplinary, and online) and editorial skills are required. Social science research skills (research methods, stats, etc.), website design and programming skills, and Photoshop skills are useful, but not required.

Research Assistant Position: 5 hours weekly

Supervisor: **Susan Sered, Sociology Department**

Contact: [ssered@suffolk.edu](mailto:ssered@suffolk.edu) or 617-332-8524

Description: RA needed to assist with project having to do with substance abuse policy. Tasks include data analysis and assistance with editing blog posts. The ability to organize data from multiple sources and basic data analysis methods are essential.