UDRAW SPRING 2022 PROJECTS

ART HISTORY / ART CONSERVATION

Old College’s Original Colors (2 positions)
A collaborative project of faculty members in Art History, Art Conservation, Center for Historic Architecture and Design (CHAD), and Winterthur Conservation Lab: we will launch a project examining the original color scheme of Old College. UDRAW-RAs will be assigned a specific task of researching the history of Old College from the archival files at CHAD, UD archives, and Delaware archives. We seek students with a strong sense of responsibility. The assignment is self-pace, with 4 check points when the RAs will report progress that meet the milestone of each check point. The assignment is estimated for 100 hours and the payment is up to $1000, per semester

Work-study eligibility is required. Check your work-study eligibility here
Interested students should contact Dr. Rujivacharakul (vimalin@udel.edu) for more information and to apply.

Asian Aesthetics and American Art (1 position)
- Working with Drs. Rujivacharakul and J. Ritchie Garrison to identify images and image rights for a special issue of a peer-review journal. We seek students with a strong sense of responsibility and good communication/email skills. Students who plan to pursue advance degrees in art history and/or material culture will find this RAship an excellent opportunity to establish connections with scholars in the field. The assignment is self-pace, with 4 check points when the RA will report progress that meet the milestone of each point. The assignment is estimated for 100 hours and the payment is up to $1000, per semester.

Work-study eligibility is required. Check your work-study eligibility here
Interested students should contact Dr. Rujivacharakul (vimalin@udel.edu) for more information and to apply.

Landscape of Slavery (1 position)
- Working with Dr. Ikem Okoye on the Landscape of Slavery project that engages sculpture, landscape, and architecture in West Africa and the Diaspora. The RA’s tasks would include: online research guided by Dr. Okoye; downloading and forwarding museum owned objects; downloading related articles; and basic indexing of sources related to keywords. The assignment is estimated for 100 hours and the payment is $1000, per semester.

Work-study eligibility is required. Check your work-study eligibility here
Interested students should contact Dr. Okoye (isokoye@udel.edu) for more information and to apply.

COMMUNICATION

Area: Communication

Position: Research Assistant

Description: Dr. Ellithorpe’s lab conducts research related to media use and media effects, especially topics such as video games and decision making, health behaviors, and media enjoyment. Research assistants will work with Dr. Ellithorpe and the graduate students in the lab to run lab studies, assign credit in SONA for online studies, and help design, create, and test stimuli for studies. RAs will also be expected to attend the biweekly lab meetings (schedule allowing), held at 2pm on every other Thursday during the semester. The first meeting for Spring 2022 will be February 17th.

Required skills: Interest in communication and media, familiarity with video game controls (console and/or PC). Further training will be provided.

Preferred skills: Experience with video and photo editing software is a plus, but not necessary.

Time required: Up to 10 hours per week, flexible.

To apply: Email Dr. Ellithorpe at mellitho@udel.edu with your CV, a description of your interest in the position, and the skills you would bring to the lab.

EDUCATION

Job Description: The undergraduate research scholar will work with Dr. Bryan VanGronigen’s research program, which centers on (a) how to improve schools and (b) how to prepare educational leaders. Depending on interest and/or fit, the scholar is welcome to work on one or more projects related to these two topics. Scholar responsibilities include assisting with data management and/or cleaning and analyzing data (e.g., reviewing interview transcripts). A number of other projects are either in progress or under development, so if a scholar is interested in the research program in general, feel free to reach out to explore potential alignment among interests and work needed.

Required Skills: The scholar will join a multi-site research team, and our only required skills are your abilities to work collegially, professionally, and independently.
**Preferred Skills:** While our team will mentor you with what you need to know, we can move faster if you have a working proficiency of Microsoft Word and Excel and the Google Apps suite (Docs, Sheets, Forms). Moreover, while not required, we’d hope you have an interest in education and educators, even if you’re not an education major or minor. All are welcome!

Approximately 3 to 10 hours per week dependent on project workload needs.

Contact Dr. Bryan VanGronigen for more information and/or to apply – bvg@udel.edu

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**ENGLISH**

Dr. Lynette Overby ([overbyl@udel.edu](mailto:overbyl@udel.edu)) is preparing a handbook of dance scholarship. She is looking for assistance with research, organizing and editing. English or journalism students or dance minor student interested in writing are preferred.

Up to 10 hours per week

Interested students should contact Dr. Lynnette Overby ([overbyl@udel.edu](mailto:overbyl@udel.edu)) for further questions and to apply.

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**ENGLISH**

Dr. Lynnette Overby ([overbyl@udel.edu](mailto:overbyl@udel.edu)) is looking for assistance with developing a white paper on Community Engagement Projects at UD.

1. Research and writing definitions and examples of community engagement P& T documents from various universities.
2. Assisting with the development of a White Paper for UD

English or journalism students or dance minor student interested in writing are preferred.

Up to 10 hours per week

Interested student should contact Dr. Lynnette Overby ([overbyl@udel.edu](mailto:overbyl@udel.edu)) for further questions and to apply.
The Department of Fashion and Apparel Studies Associate Professor Kelly Cobb is seeking work study virtual lab assistants for Spring 2021 in the Sustainable Textile RAD lab for Research and Applied Discovery. Cobb’s current research threads are listed below-please reach out if you are interested.
Kcobb@udel.edu
https://www.fashion.udel.edu/people/faculty/kcobb

**Project 1:**

**Fashion Hacking for Healthcare:**  This research involves market/consumer analysis of virtual fitting Room technology, subscription services and other emerging tools that engage consumers and clothing. Our goal with this research is to hack the emerging tools to create a way for contactless design fitting of healthcare wearables during COVID.

**Tasks:** Market/Consumer research: desktop research, google scholar, reading articles, creating an annotated bibliography and research matrix (Faculty will guide this process.)

**Context:** Kangaroo care (KC), bare skin to skin contact between infant and caregiver, has known short- and long-term health benefits for healthy infants and infants receiving care in neonatal intensive care units (NICUs). An interdisciplinary team of researchers are working on prototype design of a “Snuggle Time Garment” will be conducted first via a virtual fit testing platform by adopting virtual fitting room (VFR) technology used in fashion “hacking” the capability for health-care related device fit testing.

**Required Skills:** We will teach you everything you need to know to work on our research projects. What we really want is for you to have an interest in fashion and the time and ability to analyze emerging writing and concepts. You will need to be able to work independently.

**Time request:** Approximately 5-10 hours of work required per week.

**Project 2:**

**Re/Cover Textile Product Creation.**  This creative design research will focus on sampling (AKA making stuff) textiles form post---consumer waste, product development and consumer education around waste. Outputs of this research will include several prototypes trend research reporting, moodboarding and sketchbook process. And video tutorials of re/cover textile production processes.

**Tasks:** Research assistant will disassemble clothing such as shredding, cutting, and rag processing and to bind fibers such as wet and dry felting, papermaking, knitting, and weaving (this will require assistant has access to creative workspace-nothing is toxic so a home space is fine.) Assistant will conduct trend research, creative process and iteration (from pinterest to little textile sample book) this will require some studio (art, design, textile, fashion, ID) skill in making things and motivation.

**Context:** Redesigning fashion’s future offers a vision of a fashion system that is circular, ideally creating no waste by design, while strategically capturing value from recycled content. Radical improvement of recycling by transforming clothing design, collection and reprocessing is the focus of this research as well as determining post-market manufacturing opportunities that re-define the textile waste stream (i.e. deadstock textile and post-consumer garments) as a value stream.
**Required skills:** We will teach you everything you need to know to work on our research projects. This job requires some knowledge and desire to make things (art, design, fashion, other.) This will require (1) trend research and (2) textile sampling. Materials will be provided. **Time request:** Approximately 5-10 hours of work required per week.

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**MUSIC EDUCATION**

Area: Music Education

Position: Research Assistant

Description: Prof. Pearsall's research revolves around student-centered learning in music classes. Specifically, she's researching alternative approaches in choir classes, and student perceptions of these approaches. Scholar responsibilities will primarily include cleaning data (e.g. reviewing interview transcripts).

Required Skills: The scholar will need to work independently. The scholar should be meticulous, detail-oriented, and a good communicator. The scholar does not need to be from any specific department, and no prior knowledge of music or education is required.

Time: Approximately 10 hours per week, though this may fluxuate depending on project workload needs.

Contact Prof. Aimee Pearsall for more information and to apply- apearsall@udel.edu.

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**PHYSICAL THERAPY**

Research assistant for the Move to Learn Innovation Lab

Job Description: The Move to Learn Innovation Lab is located on Star Campus. We are seeking one undergraduate research assistant to engage in a variety of research activities with our team. Our team's current projects focus on early intervention, parent education, and rehabilitation technology. Students will assist in a variety of tasks, including coding of data from videos of parent-child activity, digitally gathering scientific articles, and data processing and organization.
No prior experience with these tasks is required as training will be provided; individuals with experience using sewing machines are preferred for some of the tasks but this is not a requirement.

The benefits of the position include working with our interdisciplinary team members to learn more about how to scientifically design interventions and devices that support and assist movement for children with disabilities and participation in a supportive environment with students pursuing a variety of careers in health sciences and design. Approximately 6-12 hours of work are required per week.

Contact Michele Lobo – malobo@udel.edu

**PHYSICS AND ASTRONOMY**

Join the High Energy Density Physics (HEDP) group at University of Delaware for an undergraduate research work-study experience this semester. The computational project will involve working with the plasma physics code FLASH to model scientific problems relevant to the National Inertial Confinement Fusion Research Program carried out at UD in collaboration with the US National Laboratories (Sandia, Lawrence Livermore and Los Alamos) and the Laboratory for Laser Energetics.

Previous coding and UNIX experience is preferable but not necessary. The project will be supervised by prof. A. Bose, and the student will be working in collaboration with the members, graduate and undergraduate researchers, in the HEDP group.

Approximately 8-10 hours are required per week. The project duration is at least 12 months beginning immediately.

Contact Prof. Bose **Contact:** Prof. Arijit Bose, Department of Physics and Astronomy (bose@udel.edu) for more information.

**PUBLIC POLICY AND ADMINISTRATION**

Dr. Siders’ research focuses on climate change adaptation and disaster risk reduction. This spring, I am looking for a student to help with a project on flood-plain property acquisitions. This would primarily involve using a county property tax database to fill out an excel spreadsheet with information on property values, flood damage, and insurance. Depending on your availability, there may be opportunities to work on other projects related to news media coverage of disasters and land use tools for limiting building in floodplains.
No prior experience with property tax or land use is required, although some familiarity with Excel and Google Drive is a plus. Primarily I need students who are organized and can keep meticulous notes of their research. All students will be required to complete the CITI human subjects training. Approximately 5-10 hours a week. I will ask the student(s) to join a bi-weekly (every other week) climate adaptation research lab meeting, where they would learn about other projects and meet graduate students and other undergraduate researchers who could serve as peer mentors.

Contact Dr. Siders for more information / to apply – sidesr@udel.edu

SOCIOLOGY AND CRIMINAL JUSTICE

THE VOICES OF RE-ENTRY WORKERS
As a mentor and professor, Dr. Chrysanthi Leon talks with many students who are interested in careers in re-entry. She understands and witnesses the complexities of the field, and wants to communicate to future service providers and advocates some of the learned wisdom about what motivates and sustains the work of those working in re-entry. Dr. Leon and Maggie Buckridge have been interviewing those working as educators, policy advocates, activists, leaders of nonprofits, lawyers, and clergy members about their experiences and how they understand their work. Many of our participants have their own incarceration experiences, which you will see inform how some people talk about re-entry.

Working in re-entry is not easy in this period of mass incarceration, where our country stigmatizes and often fails to meet the basic needs of those leaving correctional facilities. Those working and volunteering in re-entry can face burnout and vicarious trauma. We invite you to listen to the voices of those working in this challenging sphere.

Approximately 2-5 hours of work required per week.

If interested contact Santhi Leon – santhi@udel.edu

Meaningful Inclusion in Higher Ed (MInE)
This series of related studies uses interviews, focus groups and content analysis to examines how students and administrators make meaning of identity and inclusion in University accommodation policies. COVID-19 has exacerbated pre-existing concerns of students, faculty, and staff, further exposing disparities in access. We use critical discourse around inclusion and diversity in higher education to frame inquiry into how diversity and inclusion policies and practices function as law-like systems in the microcosm of higher education. How do the people who do diversity work in higher ed get supported (or not)? Do they feel like they have the tools and resources that they need to feel like they’re actually making an impact on campuses?

Approximately 2-5 hours of work required per week.

If interested contact Santhi Leon – santhi@udel.edu
Social Neuroscience Research Assistant Job Description

The Impression Formation Social Neuroscience Lab (ifsnlab.org) investigates how we form impressions of people. The lab uses both neuroscience and behavioral research methods. The lab seeks a student for virtual work in the fall to help conduct research online. The student’s responsibilities will include: (1) creating stimuli, (2) conducting online research, (3) cleaning and analyzing data, (4) programming studies, and (5) other miscellaneous tasks.

Required Skills: High GPA, attending lab meetings, and a 10 hour a week commitment.
Email: jtkubota@udel.edu