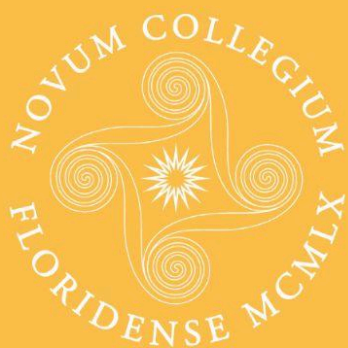


2022

ISP
HANDBOOK



New College of Florida
Independent Study Projects

January 2022

Table of Contents

<u>The ISP Requirement.....</u>	<u>3</u>
<u>ISP e-Form.....</u>	<u>6</u>
<u>Important Dates.....</u>	<u>8</u>
<u>ISP Flow Chart.....</u>	<u>9</u>
<u>Developing a Research Project/Paper as an ISP Project.....</u>	<u>10</u>
<u>Internships as an ISP.....</u>	<u>12</u>
<u>Group ISPs.....</u>	<u>14</u>
<u>Humanities.....</u>	<u>41</u>
<u>Natural Sciences.....</u>	<u>72</u>
<u>Social Sciences.....</u>	<u>101</u>
<u>Writing Program.....</u>	<u>127</u>

THE INDEPENDENT STUDY PROJECT REQUIREMENT

The Educational Policy Committee has identified five basic educational objectives in the ISP requirement:

1. To train students to carry out independent research, to prepare them to plan and carry through an effective senior thesis;
2. To supplement the curriculum, to provide an opportunity to cover areas not usually available, particularly off-campus;
3. To provide an opportunity for non-traditional, innovative, experiential learning projects;
4. To encourage work-related experiences such as internships (see Section 6.23 Appendix 3: Internships in the Faculty Handbook);
5. Generally to provide an opportunity for intensive involvement with one subject, as a change of pace from the regular terms.

A student chooses a topic in consultation with a faculty member who agrees to become the ISP sponsor. The ISP Handbook and the ISP Workshop, held in October of each year, provide guidance to students as to the types of ISPs that faculty encourage. Projects may be carefully defined at the beginning, or left open-ended and exploratory. The content and demands should be roughly equivalent to that of a term-length tutorial. A full-time, four-week academic activity, the ISP is incompatible with full-time employment, a regular semester contract, or a second, simultaneous ISP. Three ISPs are required for graduation. A student may register for a fourth ISP, but does not need it for graduation.

Because the first ISP can be challenging for first-year students, some faculty members choose to create Group ISPs that take place on campus during the January Interterm. These Group ISPs provide more guidance and structure than individual ISPs and usually require regular meetings with the members of the group. Descriptions of Group ISPs organized before November are found in the front part of this booklet.

Registering for the January Interterm ISP

The process of registering for an ISP has two steps: Registering and paying for the ISP, and submitting an ISP Description e-Form.

Step I: If the student has not yet satisfactorily completed the 3 ISPs required for graduation, the Office of the Registrar will automatically register the student for the January Interterm along with the fall registration, so that the student will be billed to pay for the January Interterm along with the fall semester.

The student's faculty contract sponsor can approve withdrawal of that ISP registration; the student is responsible for seeking the sponsor's signature on an ISP Add/Drop Form to request this (deadline: December 1).

If a student is not already registered for a January ISP but intends to do one, he or she may register for it during fall registration or during the fall semester, and pay for it as an addition to fall tuition. Registration may take place electronically if completed during the period before classes start, or it may take place through the **ISP Add/Drop Form** submitted to the Office of the Registrar (deadline: December 1). **Students may not add a January ISP to their fall registration after the last day of fall classes.**

Step II: In addition to registering and paying for the ISP, the student must submit an ISP Description e-Form signed by the project advisor and the fall contract sponsor. In order to complete the e-form, the student must articulate a title or topic for the ISP, a core bibliography, the form of the final project (e.g. critical essay, research paper, work of art, series of examinations, performance, etc.), and a

description of the project including goals and procedures.

The Office of the Registrar will accept the ISP Description e-Form without penalty to the student until December 1 or the next business day. A late ISP Description e-form will be accepted by the Registrar with a late fee until the ISP Renegotiation Deadline, which is 5:00pm on the third day of the ISP period. The e-form must be submitted with signatures from the faculty contract sponsor and faculty ISP advisor. In exceptional circumstances the Division Chair may sign the ISP e-form, with the contract sponsor's approval. After the renegotiation deadline, the e-form will not be accepted. If the deadline is missed, the student forfeits payment for the ISP, and the ISP is recorded as Unsatisfactory.

Renegotiating the January Interterm ISP

ISPs may be renegotiated with respect to topic, scope, etc. at the discretion of the original ISP advisor by filing a revised ISP Description e-form with the Office of the Registrar. The renegotiation deadline for ISP proposals is at 5:00 p.m. on the third business day of the ISP period. Renegotiation of an ISP Description e-form that was submitted on time will not be assessed a late fee. If a student is registered for an ISP and fails to submit an Interterm ISP Description e-form to the Office of the Registrar by the renegotiation deadline, the student forfeits payment for the ISP, and the ISP is recorded on the student's permanent academic record as "Unsatisfactory." Changes to the topic and ISP advisor after the renegotiation deadline require a successful petition to the Provost.

Cancellation of the ISP

If a student is registered for an Interterm ISP but fails to turn in an ISP Description e-Form by the last day of the first week of the January Interterm period, then the Office of the Registrar records the ISP as cancelled, and the student's ISP is recorded as Unsatisfactory.

ISP tuition and fees will be refunded to a student only in the following cases:

- The student officially withdraws from New College during the semester preceding the ISP.
- The student is granted an Emergency Leave of Absence during the semester preceding the ISP.
- The student is dismissed during the semester preceding the ISP.

If the student has Bright Futures Scholarship funding, ISP tuition and fees are subject to repayment. (New College would repay the State of Florida and the student would be liable for repaying New College.)

Off-campus Study ISP Payment

Students engaged in a January ISP off campus (but not with a host institution) pay tuition and fees to New College. If, however, a student enrolls in a host institution to complete an ISP, the student must submit a request for waiver of New College tuition and fees.

Deadlines for Completing ISPs

All work completed as part of the Interterm ISP is due no later than the last day of the Interterm period. After that date, the ISP will be considered incomplete or unsatisfactory. A summer ISP must be complete by the day before the first day of fall classes (or earlier, if specified by the host institution or faculty contract sponsor); the transcript must be received by the Office of the Registrar by the last day of fall classes. (Earlier deadlines for completion and transcript submission may be set by the contract sponsor and/or the host institution.)

If a student has turned in an ISP and has received no acknowledgment of his or her completed work in the Student Evaluation System, the student should contact the ISP sponsor and request that the professor indicate "All Work Submitted" in the Student Evaluation System. Appeals of ISP terminations, and of ISPs that are deemed Unsatisfactory because they were turned in after the

deadline for faculty to evaluate them, will be heard by the Student Academic Status Committee (SASC), which can waive termination in exceptional cases.

Deadlines for Faculty Evaluations of ISPs

A January ISP that has not been evaluated as Satisfactory in the Student Evaluation System by 5:00pm on the Wednesday of the eighteenth week after the beginning of the subsequent Spring Semester will be designated as Unsatisfactory. Summer work undertaken at another institution may, with the written consent of the ISP advisor, documented via a submitted Summer ISP Description form, be counted as an ISP. The expected completion date for a summer ISP is the beginning of the subsequent Fall Semester; the last day of classes of that Fall Semester is the deadline for the Office of the Registrar to receive the official transcript from the host institution.

Click [here](#) for Tips for Students filling out the ISP e-form.

Click [here](#) for ISP e-form Instruction.

Click [here](#) for ISP Re-negotiation e-form Instruction.

Fall 2021 Independent Study Project

ISP Number: 2

This document embodies planning toward core-learning goals, including communication skills, content knowledge, and critical and creative thinking skills.

Topic or Title of ISP or Name of Internship Provider:

[83891] Multifunctional Landscape Design and Horticulture.

Core Bibliography:

- *Planting in a Post-Wild World: Designing Plant Communities for Resilient Landscapes* by Thomas Rainer and Claudia West
- *Principles of Ecological Landscape Design* by Travis Beck
- The Impact of Mindful Meditation in Nature on Self-Nature Interconnectedness Unsworth, Palicki, & Lustig.
- Morning Altars: A 7-Step Practice to Nourish Your Spirit through Nature, Art, and Ritual Day Schildkret
- The Medicine Wheel Garden : Creating Sacred Space for Healing, Celebration, and Tranquillity E. Barrie Kavasch

Form of Final Project (e.g. Critical Essay, Research Paper, Work of Art with/without Accompanying Discussion, Series of Examinations, etc.):

The final form of our project will be a student accessible canvas page or website with information pertaining to the Native-Medicinal-Butterfly garden at Caples.

Description of Project (Goals, Procedures, Learning Objectives, etc.):

Goals for this ISP include restoring the Native-medicinal-butterfly garden at Caples to its original criteria and doing our part to enable the space for student use. The Nati-medi-fly garden is well-loved within the gardening community on campus but does not attract much attention to the majority of the student base. Parts of the garden have become overgrown and has allowed non-native, non-medicinal, non-butterfly attracting plants to compete with those intentionally planted. The first step of our project is going to be major weeding, trimming, and relocating plants that have grown too large and obstruct sunlight to other plants. The next step will be general landscape refinement including washing and potentially relaying tiles. As more space has opened up from these procedures we will assess the available room and being planting new species of native medicinal/butterfly plants.

Project Sponsor:

Brad Oberle

Academic Sponsor:

Emily Heffernan

Additional Information:**Is this Independent Study Project an Internship?**

Students must report for-credit internships in Handshake (go to the Career Center menu and then select Experiences to request an experience). For more information, visit www.ncf.edu/ceo/internships/.

Yes ☐ No ☒

Will you be residing on-campus in the dorms during the ISP period?

The requirement for students participating in their first ISP and not residing on-campus to petition the Provost is currently suspended.

Yes ☒ No ☐

Will any part of your ISP project be carried out while you are out of the country?

Students whose ISP project will be carried out (all or in part) out of the country must submit additional forms and documents and contact the Off-Campus Study/Study Abroad Office.

Yes ☐ No ☒

Electronic Signatures

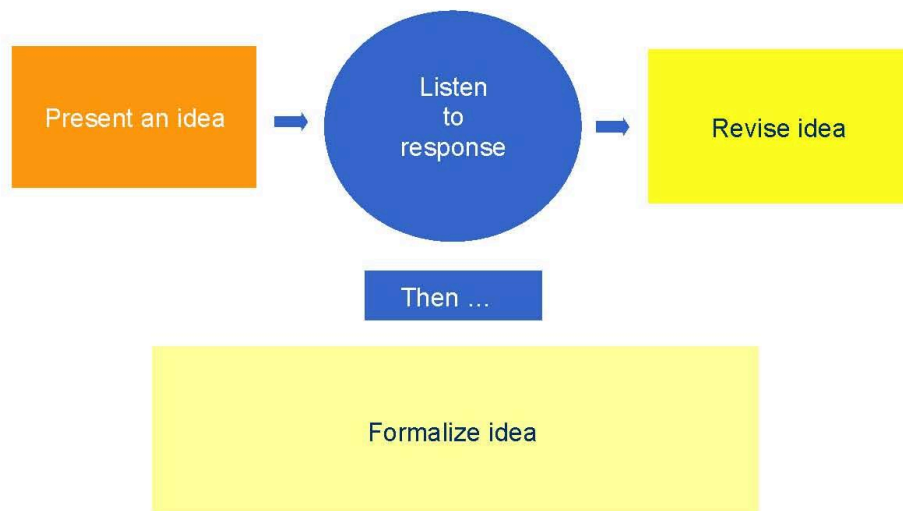
	Name (Preferred Name)	Signature	Status	Date
Student				
Project Sponsor				
Academic Sponsor				
Office of the Registrar				

IMPORTANT DATES

<p>Wednesday, December 1, 2021</p>	<p>Electronic ISP Description Forms are due to the Office of the Registrar for January Interterm 2022.</p>
<p>Monday, January 3, 2022</p>	<p>January Interterm begins.</p>
<p>Wednesday, January 5, 2022</p>	<p>Add/Drop Deadline <i>If a student fails to submit this e-form to the Office of the Registrar by 5:00 p.m. he or she will not receive credit for the ISP and will lose the fees paid for it.</i></p>
<p>Friday, January 28, 2022</p>	<p>January 2022 Interterm ends. Last day to change a January 2022 Interterm ISP to a <i>different</i> project advisor. Consent of both the <i>former</i> and the <i>new</i> project advisors is required. Submit the revised ISP Description Form to the Registrar's Office with "SUPERSEDES PREVIOUS FORM" written across the top.</p>
<p>Wednesday, June 1, 2022</p>	<p>ISP Evaluation deadline. After this date, ISPs from the January interterm are automatically designated as Unsatisfactory.</p>

Filling out the ISP Description Form

In order to find a sponsor for an ISP, you need to talk with faculty members. Some students get discouraged because they are not flexible enough in their approach. Faculty may see some promise in a topic, but may also recognize that it has fatal flaws. It is important to listen carefully to faculty feedback and respond to it in order to develop the topic for its greatest potential as an ISP project.



The ISP Description Form provides the template for formalizing the idea. It requires you to articulate a topic, provide a number of bibliographic references, describe what you are going to do, and then get signatures from your contract sponsor as well as the ISP Project sponsor.

Once you turn in the form, you will still continue developing the project. You may need to adjust your process to fit the realities of what you can do in four weeks. That is why being in contact with your ISP sponsor during January is important.

Developing a Research Project/Paper as an ISP Project

The simplest way to proceed (but not the best) in developing a research paper:

1. Choose a topic.
2. Locate sources of information on the topic.
3. Read through this material, taking notes and recording useful quotations.
4. Construct an outline from the categories of information you have gathered.
5. Following your outline and notes, write the sections of the paper, incorporating source material in appropriate sections.
6. Document references and add a bibliography (or list of works cited).
7. Check the paper over for errors or typos and turn it in.

Problems with the result of this method:

- The topic is too broad and unfocused; the paper will be too broad and unfocused.
- The writer does not pose a real question, take a real position, or write with a sense of purpose; again, the paper will be too broad and unfocused.
- The writer has no plan for regular consultation with faculty. Faculty can help at every stage.
- The body of the paper consists of clumps of information from sources, roughly sorted into categories.
- Sources may be inappropriate or out of date; students often need support in learning to evaluate sources (librarians and faculty members are good sources of feedback).
- The writer doesn't clearly distinguish his or her voice and viewpoint from those of cited authors, or he or she depends too heavily on these sources. The student needs to assert his or her own ideas above the experts, or in chorus with the experts, and this is hard to do and requires practice.
- The paper is disorganized, the most promising ideas buried in body paragraphs or raised only in the conclusion. Rethinking and redrafting is not part of the plan, and can lead to solutions for most of the problems listed here.

Some ways to eliminate these problems:

- Plan to meet regularly with your ISP Project Sponsor. Get their advice on bibliography, narrowing down the topic, moving through the process.
- Be willing to narrow down the initial topic. Your paper will end up being more like an encyclopedia entry than a research paper unless you are willing to rethink or modify the topical focus and develop a specific claim or thesis.

- Consult with a reference librarian about how to discern the quality of information you find and how to use on-line databases owned by the library. Consult with a faculty member to get some of the names of people who are leading experts.
- Use an outline if it works for you, but recognize that people write in a variety of ways. You may wish to write from the first moment you start collecting information from the library, and think about a variety of ways to map the information that will inform the paper you construct. You may want to create non-linear representations of what you are thinking. Peers tutors, called Student Writing Assistants or SWAs, can be helpful. You can find them in the Writing Resource Center on the first floor of the library.
- Read your paper out loud, or share your paper with friends to see how they interpret your ideas. See if they get the message you intend to deliver. If they say, “this is really great,” ask them what parts they like the most, what ideas they think are strongest. Force your reader to provide you useful feedback about your ideas.
- Talk with your project sponsor about appropriate style guides, and choose one. Many of them have helpful information about how to create a strong bibliography.

Completing an Internship as an ISP

The independent study period allows New College students the opportunity to work with an organization or internship provider to create non-traditional, innovative, experiential learning projects.

An internship is a form of experiential learning that integrates knowledge and theory learned in the classroom with practical application and skills development in a professional setting. Internships give students the opportunity to gain valuable applied experience and make connections in professional fields they are considering for career paths; and give employers the opportunity to guide and evaluate talent. (National Association of Colleges and Employers, NACE)

Creative collaboration between the internship provider and the student is essential. ISPs should be equivalent to a minimum of four weeks full-time academic effort. In terms of time commitment, this means that students should work about 40 hours per week to earn 4 credit hours for the project.

The time commitment can be divided between an office and/or working remotely as best fits the needs of the internship provider and student. Students assume the initiative to develop a project in consultation with the internship provider and their ISP faculty sponsor. Faculty sponsorship is required.

You can meet with a career coach to learn more information and discuss your interests by scheduling an “Internships General Info” appointment on Handshake.

Some Examples of Local ISP Internship Sites:

Education Foundation of Sarasota County

Asolo Repertory Theatre

Selby Library

Economic Development Corporation of Sarasota

Ringling Museum

Historic Spanish Point

Realize Bradenton

Mote Research Institute/Mote Marine Aquarium

St. Stephen’s Episcopal School

United Way Suncoast, Volunteer Income Tax Assistance (VITA)

Completing Micro-internships as an ISP:

Micro-internships are short-term, paid, professional projects from companies nationwide. Most are remote! Projects typically range anywhere from 5 to 40 hours a week with some lasting longer.

Completing micro-internships as an ISP may be a great option to explore a variety of career paths, expand your professional connections, and build and demonstrate your skills. Students can create a free account to get started and read more here - <https://info.parkerdewey.com/ncf>.

Work with a CEO career coach to create high-quality application documents for your applications. Schedule an appointment on Handshake to get your resume and cover letter reviewed.

Internship Searching Tips:

The CEO career coaches can help you craft a strategic search plan to find internships that match your interests and goals. You can schedule an “Internship Searching” appointment on Handshake. Below are a few strategies that will help you get started.

1. Use [Handshake](#) to search for jobs and internships posted for NCF students and alumni (use the “Save Your Search” feature), upload your resume for recruiters to see, and search the Employers

menu to research possible employers (use the “Follow” feature).

2. Utilize jobs boards like LinkedIn, Indeed, Google, and niche industry or professional association job boards to find opportunities that are posted online. You can save your search filters and create job alerts to get new postings sent to your email.

3. Develop lists of possible employers for your preferred geographic area and go to specific employer’s websites to search for openings.

- a. Use What Can I Do with a New College AOC? website to identify industries that hire roles of interest - <https://www.ncf.edu/ceo/whatcanidowithmyaoc/>.
- b. Use Google to find specific employers (e.g., largest employers in Orlando, FL or libraries in Miami, FL).
- c. Outreach to employers that interest you even if they do not have any openings advertised.

4. Connect with NCF alumni and community members using LinkedIn (NCF alumni page) and the New College Mentorship Network (<https://ncf.wisr.io/login/>) to build relationships with professionals in your field of interest. Most opportunities are not advertised. Ask the CEO how to professionally connect with potential network contacts.

5. Keep a spreadsheet of applications you submit including the date you applied to stay organized. Set an alert/reminder to follow up on applications you submit after two weeks.

6. Use the [Job & Internship Searching Checklist](#) for more tips!

Register & Report Your ISP Internship:

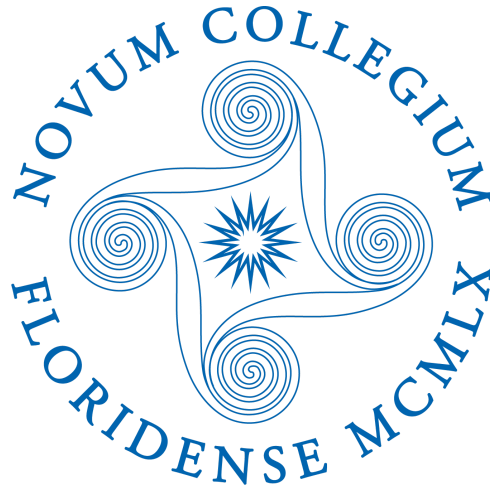
Step 1: Once you have secured an internship, submit your experience in Handshake by clicking on Career Center and then Experiences to request an experience. Watch a short video [here](#). Approval forms will be sent to both the internship site supervisor and faculty sponsor (in that order) from Handshake to their email.

Step 2: Register your internship on your contract using the e-ISP form and select internship as the objective. The CEO will need to approve your internship on your contract.

Internship Evaluations:

A midpoint and final evaluation will be sent to both the student and the internship site supervisor to complete midway and at the end of the ISP period. The evaluations will be automatically sent from Handshake to the emails listed on the Experience. The faculty sponsor will receive copies of these evaluations to assist with their narrative evaluation.

Read more about internship search strategies, step-by-step instructions for reporting in Handshake, and more! - <https://www.ncf.edu/ceo/internships/>



GROUP

ISPs

Advocacy in Action (CRN 84663)

David A. Fugett

General Counsel and Pre-Law Advisor

Contact: dfugett@ncf.edu

A lawyer, as a member of the legal profession, is a representative of clients, an officer of the legal system, and a public citizen having special responsibility for the quality of justice. This ISP will seek to provide the student with an opportunity to practice appellate and/or trial advocacy as part of a competitive team.

Moot Court: Students choosing moot court will have access to the current case problem in use by the American Moot Court Association. Using these materials and pairing up into teams of two, New College advocates will prepare arguments to defend their client as appellate attorneys in front of a panel of three appellate court judges. The final project will see students competing in the first ever **Novo Winter Moot Court Tournament** with awards to the top teams and top individual student advocates.

Mock Trial: Students choosing mock trial will have access to the case materials currently in use by the American Mock Trial Association. Using these materials, New College students will prepare for competition through trial simulations in competition with other New College students and teams from other institutions. The final project will be a mock trial presentation presided over by a current Sarasota County trial judge. All students choosing mock trial will be encouraged to continue to put in practice what they have learned by representing New College as part of the New College Mock Trial Team as we enter regional competition this Spring.

All students in this ISP will receive a broad practical overview of the legal profession, from client representation, effective advocacy and negotiation, to professionalism, ethics and civic influence. This will be done through a mixture of mock trial/moot court exercises, panel discussions from visiting experts, field trips to various local courts, and in-class discussion and tutorials.

Students in this ISP will develop critical thinking and public speaking skills, as well as a knowledge of legal practices and procedures. Although the ISP will focus on effective ways to advocate and persuade within a professional legal context, the intention is to educate students in responsible, credible, and effective methods of oral communication, hoping to empower students to find their own unique voice and take active leadership roles in personal, professional, and communal settings, regardless of profession.

Final Project:

The Final Project will be one of the following, selected by the individual student:

- Participation as a student competitor in the Novo Winter Moot Court Tournament; and/or
- Participation as a student competitor on the New College Mock Trial Team.

Prerequisites:

None. This ISP is open to everyone.

If you would like to join this group, or have any questions, please contact David A. Fugett: dfugett@ncf.edu.

Animal Betterment (CRN)

**(1st year ISP, appropriate for all students w/ interest)*

Sandra Gilchrist

Professor of Biology

Email: gilchrist@ncf.edu

Prerequisites: Interest.

Florida is known for its history of having circuses, animal racing venues, and other animal attractions (Sea World, various aquaria and zoos). In this activity we will explore the scientific value of these animal uses as well as some of the negative impacts of them. We will visit some of the local attractions like Jungle Gardens and the Clearwater Aquarium as well as engage in discussions with representatives of local rescue groups such as Cat Depot, Save Our Seabirds and Racing Dog Rescue group. As a group, we will participate in at least one service learning activity for one of these organizations. Students will also be offered the opportunity to earn a certification for Pet CPR. Students will learn about how to take vital signs for dogs and cats, check breathing and heart activities, how to work with animals that are seizing, what to do if your pet is bleeding, and what you can do for preventative care. Students will keep a reflection notebook of readings and field trips. A short paper on an aspect of animal betterment will round out the requirements. I expect to meet as a group a couple of hours twice a week for discussions and to spend a few hours with field trips. You must attend field trips or participate in similar activities on your own.

Birding New College (CRN 84622)

**(1st year appropriate ISP, appropriate for all students w/ interest)*

Liz Leininger

Associate Professor of Biology

Email: eleininger@ncf.edu

Prerequisites: none, other than an interest in birds and a willingness to attend socially distant & masked birding outings on campus and in the local area (transportation provided), held in the morning or late afternoon.

Explore the world of birds and birding at home on the New College campus and in the Sarasota area! During this group ISP you will learn the basics of bird identification and behavior through observation, become conversant in good birding ethics and etiquette, and increase your identification skills of common bird species that can be found on New College's campus and the local area. You will practice these skills by attending 2 required group birding outings on campus per week, a half-day field trip to local birding areas per week, doing additional birding outside of group outings, discussing select videos and short readings curated by the sponsor, and keeping a bird journal throughout the ISP. Each student will also research and create a short project about birds that relates to an academic discipline of their choosing, to present at an on-campus public event. All are welcome!

Bringing Art to Life: Engaging with an Artwork, and the Public, at the Ringling Museum of Art (CRN 84623)

Katherine Brion

Assistant Professor of Art History

Email: kbrion@ncf.edu

How do museum curators and educators use research to enliven works of art, in order to present them to the public in a way that is both informative and engaging? Students will undertake a research project focused on a single artwork on view in Gallery 21 (focused on nineteenth-century art) at the Ringling Museum of Art, exploring several ways in which scholars and museum professionals make what they discover available (and interesting!) to the public, whether in a gallery wall label or in a short gallery talk designed for public presentation. Having completed these exercises with their peers in the ISP group, students will have the opportunity to serve as resident experts in the Museum's galleries during a public event: stationed in front of their artworks, students will be prepared to engage visitors in conversation, offering their research-based perspective. The choice of artwork, and the emphasis of each student's project, will be determined by the size and composition of the overall group of students, the individual student's interests, and the particular characteristics of the artwork under investigation.

Expectations: This group ISP is intended for first- or second-year students and recent transfers; no prior experience in Art History is required. Students should be prepared to meet at least twice a week on campus or at the neighboring Ringling Museum of Art, once a week as a group for 2 hours or more with the professor, and at least once a week on their own as a group. If feasible, we may also go on one or more additional outings to museums in the area. Students will draft and revise an interpretive label for their artwork, deliver a formal presentation on their artwork to the professor and the group, and participate in a more informal, public event at the Ringling Museum of Art.

Coral Reef Ecology Field Internship in Panama

(CRN 84624)

Alfred Beulig

Professor of Biology (Emeritus)

Email: beulig@ncf.edu

NOTE: Diving certification is not necessary to enroll in this course, but is recommended. For SCUBA-certified (PADI, NAUI, or SSI certified) students who will be diving, there is a \$100 Lab Fee with this course which covers dive tank, air and dive weight rental. Students with SCUBA certification are expected to bring their own BC, regulator, mask/fins/snorkel and proof of certification.

This course is designed to provide the student with a sound foundation in ecological concepts, techniques and experimental design in field research as applied to coral reef ecosystems. By way of introduction in the lecture, the course will begin with a global ecosystem perspective and then will narrow to assess the way in which local reefs are influenced by both global and local phenomena. We will focus in depth on the Caribbean using the reef at Bocas del Toro as an example. We will provide a brief introduction to plate tectonics as a basis for understanding the production of substrate for reefs and their distribution in the biosphere. In this context we will discuss origins of reefs and characterise a general reef community. The major reef biota that inform the character of reefs will be discussed in terms of their anatomy, physiology, ecological requirements, roles on the reef and overall impact.

During the first week in the field, students will visit several sites in the vicinity of the station to familiarise themselves with the area and to do reconnaissance observations that may lead to hypotheses that could be tested in individual projects. Students will be organised into dive team groups and will carry out field observations or data collection by which they will gain experience in the local area to help decide upon a likely study site. These experiences will prepare students to carry out individual research projects. In the evening, students will participate in "debriefing sessions" during which they will try to identify the reef organisms they saw during the dives of the day and record the common name and scientific name of the species in a debriefing log.

INDIVIDUAL RESEARCH PROJECTS

Each student will be expected to prepare a grant proposal for an original project in consultation with faculty. Projects may be suggested by observations made during group exercises or from the research literature, and will be evaluated on the basis of feasibility in the available time, soundness of experimental design and concept.

During final week of the course, data analysis and writing of project reports will be carried out and students will present their results orally in an end-of-course symposium. They will present the report on their findings in the form of a journal article for evaluation.

COURSE LENGTH: January 4-24, 2022.

SPONSOR: Alfred Beulig, Ph.D. Professor of Biology (Emeritus) Phone: 487-4374, email: beulig@ncf.edu I will be available in Rm 110, Palmer Bldg. E for personal interviews. Please contact Florence Zamsky (fzamsky@ncf.edu) for details about insurance and other required paperwork.

TUITION: \$1500 USD paid to Institute for Tropical Ecology and Conservation (ITEC). Tuition fee includes all lodgings, meals and airport transfers in Bocas del Toro. A \$100 lab fee to cover dive air and tank rental is required for divers in this course. Students are responsible for their own airfare to and from Panama. They may contact the ITEC office in Gainesville for travel advice.

PROGRAM SPONSOR (Local Office): Institute for Tropical Ecology and Conservation, (ITEC) 2911 NW 40th PL, Gainesville, FL 32605, Phone: 352-367-9128, itec@itec-edu.org, <http://www.itec-edu.org/index.html>

Financial aid from New College Foundation Coral Reef Ecology-Panama Fund is available as well as NC Travel & Scholarship Fund. Students should apply to these and other funding sources early and plan adequately for this opportunity.



Data Science in a Nutshell (and Why It Could Be a Game-Changer for You) (CRN 84625)

**Open to all Students*

Tiago Perez

Assistant Professor of Data Science

Email: tperez@ncf.edu

Burcin Bozkaya

Professor of Data Science

Email: bbozkaya@ncf.edu

Data science is a popular and trending field and data scientists are in high demand (and get well paid, too). But what exactly does a data scientist do? Who can become a data scientist? What does it take to become a data scientist?

This group ISP is more than a data science bootcamp; it is intended to give you an introduction to the field and it might very well send you on a new career path you never considered. You will have ample opportunity to learn essential data science skills and gain hands-on experience in just 4 weeks, covering various aspects of the data science field. See why thousands of students with varied backgrounds are either entering, switching to or incorporating data science in their degrees.

In this group ISP, students will consider the role of the data scientist; become aware of ethical implications of data science; have an overview of several machine learning algorithms, tools and frameworks used in the real-world; run algorithms on real-world data and extract meaningful information from what would otherwise be an incomprehensible deluge of data.

Additionally, students will learn about the various opportunities and companies that are utilizing data science today, and what the prospects of data science into the future are. This ISP is open to all students, and requires no prerequisites.

Expectations for satisfactory completion of this ISP:

- Students are expected to attend each weekly session for the duration of the ISP.
- Students are expected to turn in one assignment per week. More frequent communication and meetings can also be expected, depending on the nature of the assignments.
- Students are expected to use a personal laptop or computer.
- The expected workload for the ISP is about 20hrs/week/student.
- Students are expected to turn in a final assessment/essay on their learning in this ISP, addressing concepts, new knowledge and skills they have acquired.
- All work must be completed by the end of ISP.

Exposing Lies in a Data-Driven World (CRN 84626)

Andrey Skripnikov
Assistant Professor of Statistics

Melissa Crow
Instructor of Statistics

Email (it's preferred that students include **both** instructors into correspondence):

askripnikov@ncf.edu, mcrow@ncf.edu

Pre-requisites: None. All students are welcome. Material will be first-year student friendly, and intended for a general audience, regardless of your background or intended AOC.

The world is awash in bullshit. From political claims unconstrained by facts to pseudo-scientific research funded by hidden agendas and viral news stories prioritizing sensationalism over truthful reporting, we are deluged by bullshit in nearly every aspect of public life.

We're sick of it... but what can we do about it? While we might not be able to reduce the bullshit volume out there in the universe, we can help ourselves to better navigate the bullshit-rich modern environment by identifying, seeing through, and combating it with effective analysis and argument.

What exactly is “bullshit”, you might ask? *Bullshit* is an umbrella term encompassing any language, statistical figures, data graphics, and other forms of presentation intended to persuade by impressing and overwhelming a reader or listener, with a blatant disregard for truth and logical coherence. *Calling bullshit* is a performative utterance, when one publicly repudiates something objectionable. In this ISP you will be taught how to spot the former and effectively perform the latter.

We focus on the particular form of bullshit wrapped in the trappings of scholarly discourse and reasoning. Our goal is to teach you how to think critically about the data and models that constitute evidence in the social and natural sciences. Of course an advertisement is trying to sell you something, but could you tell if the last TED talk you watched was also bullshit — and if so, can you explain why? Can you see the problem with the latest viral news article fawning over some startup's big data analytics, or tell if a clinical trial reported in a certain science journal is trustworthy?

Course Structure: This ISP is in person, following a flipped classroom format. Rather than lecturing, each meeting will take the form of a discussion based on readings and video lectures the students will have studied in advance. Other activities and reflections will also be incorporated to check comprehension and deepen engagement, and a capstone project will allow students to demonstrate their mastery on a topic of interest to them.

Outline of Topics:

Week 1: Mon - Introduction to Bullshit, **Wed** - Spotting Bullshit, **Fri** - Ecology of Bullshit

Week 2: Mon - Correlation & Causation, **Wed** - Statistical Trickery, **Fri** - Bullshit in the Big Data Era

Week 3: Mon - Data Visualization, **Wed** - Publication Bias, **Fri** - Refuting Bullshit.

Week 4: Mon - Capstone Project, **Wed** - Capstone Project.

Cap: TBD, but first-year students get priority upon emailing the professors by December 1st.

References: Virtually all the relevant materials for this ISP, believe it or not, can be found at <https://www.callingbullshit.org/>

Day Trading (CRN 84614)

**open to all students*

Sherry Yu

Associate Professor of Economics

Email: syu@ncf.edu

Office Hours: Wednesday 9:30am - 12pm in ACE130 or via zoom [here](#)

This ISP is virtual. It introduces you to day trading using a real online trading platform called thinkorswim by TD Ameritrade. Each of you will be given \$100,000 virtual money to invest in either stocks or futures and are required to track the investment. This practice is commonly known as “paper trading”. This project will hopefully expose you to a variety of trading techniques and challenge you to think about your options.

Your goal is to make as much profit as possible by studying and following certain trading strategies of your interest. Every week, you are required to submit a report summarizing your trade experience and address the following questions:

1. What was your biggest gainer?
2. What was your biggest loser?
3. Did you make money overall or did you lose money?
4. Which stock/future in your portfolio had very little change?
5. What was your most volatile stock/future?
6. What did you think about the chosen strategy, was it working? If not, why?

If interested, please contact Dr. Sherry Yu at syu@ncf.edu or Joshua Ingran at joshua.ingram18@ncf.edu for more details. The syllabus can be accessed [here](#). The CRN is 84614 for registration purposes.

Exhibition Practice and Preparation (CRN 84627)

Dan Bethune

Assistant in Humanities (Studio Technician)

Preferred method to be contacted:

Email: dbethune@ncf.edu

Office: CFA 111

CRN 81717

Exhibition Practice & Preparation is a two-part ISP designed to aid in the development of the New College of Florida's 2019 Annual Juried Exhibition while teaching students techniques for showcasing their artworks. Part one students will learn preparatory practices for framing, mating, and displaying their own works. Part two will consist of preparing the Juried student exhibition through creating labels, learning to install and light works, and other elements for exhibition preparation.

Throughout this ISP we will meet daily for demonstrations, progress reports on prepping the gallery, and to work on fabrication of frames and pedestals. This course is aimed at, but not limited to, art and art history AOC students who are interested in developing skills related to professional art installation and preparation. The projects associated with this ISP will be intermediate to advanced woodworking skills.

Expectations for satisfactory completion of an ISP:

(25%) DEDICATION AND PARTICIPATION: Students must meet daily. Open studio days will have a sign in sheet for students to document time in lab. Attend all workdays for installation of exhibition and fulfilling assigned duties. Exhibit safe practices in the Sculpture Lab and Gallery.

(75%) CRAFTSMANSHIP: Students must create 2 frames and work in a team to fabricate a pedestal. Pieces must be put together without any errors or defects in fabrication/finishing. During ISP student may create, re-create, and re-create as many times as needed to attain the high level of craftsmanship required within a gallery setting.

The Life and Times of Angels in America (CRN 84628)

Alexandria Griffin

Visiting Assistant Professor of Religion

algriffin@ncf.edu

Prerequisites: no prerequisites beyond an interest in the course topic(s). Please feel free to email me if you would like more information on the course.

Perhaps no play in the recent history of American theater has been as impactful as Tony Kushner's *Angels in America: A Gay Fantasia on National Themes*. The play's first part ("Millennium Approaches") premiered in 1991, with the second ("Perestroika") following in 1992. *Angels in America* is a sprawling and complex drama that engages questions of (among many other topics) identity, Reagan-era politics, sexuality, race, the AIDS crisis, religion (in particular Judaism and Mormonism), Biblical narrative, and the ghosts of the Red Scare. Along with reading *Angels in America*, we'll read material that provides context and analysis for the play and Kushner's work more broadly, and learn about the play's production history and how it has been received over time and in different contexts. Students will complete an open-form final project on *Angels in America* and/or topics addressed in it. This could take the form of a research paper, but could also be a film, comic book, website, or many other possibilities as long as the project is grounded in research.

Meetings: I anticipate meeting three times a week, for roughly an hour each meeting.

Mangrove Biology Group ISP (CRN 84629)

Brad Oberle

Associate Professor of Biology & Environmental Studies

boberle@ncf.edu

*Participating students must be able to paddle to and from the research site and work together outdoors on very uneven terrain. First year students who have completed Foundations of Biology I will be given priority, followed by any student who has completed Forest Ecology Lab.

Mangroves are among the most distinctive, productive and imperiled habitats on earth. Situated at the boundary between terrestrial and marine environments where periodic inundation by saltwater imposes stress that few woody plants can tolerate, mangrove forests store more C per unit area than almost any other habitat while provisioning countless aquatic organisms. Despite their many valuable services, coastal development has severely degraded mangrove habitats worldwide, including here in Sarasota. Starting in the 1950's, dredging for mosquito control and navigation converted continuous mangroves into a network of open water channels punctuated by countless spoil piles where introduced tree species dominate. To understand how introduced trees, and their removal, influences how mangroves work, students in this group ISP will collaborate with senior students and Dr. Oberle to measure the effects of a long-term experiment at Tidy Island. Specifically, students will practice forest inventory techniques necessary to estimate how much carbon is stored in trees, litter and soils. They will then apply these skills using research-grade equipment the field at Tidy Island and in the lab at New College.

New College Urban Lab (CRN 84641)

David Brain

Director, Urban Studies

Professor of Sociology and Environmental Studies

brain@ncf.edu (see link below for application to this ISP)

Group ISP (January, 2022) and Group Tutorial (spring, 2022).

In January, 2022, the Urban Lab will be inaugurated as an on-going practicum focused on planning, urban design, placemaking and community-building projects in collaboration with community partners. Students will gain hands-on experience working on a variety of issues in planning, community development and civic engagement. Some projects will focus on action oriented research while others will be more focused on direct engagement with community stakeholders. All of the projects will be developed in close consultation with community partners, and will involve on-going collaboration. In addition to the group projects, “alumni” of the practicum will have the opportunity to develop individual research projects of their own, including possible thesis projects. The group tutorial will fulfill the requirement for a practicum or internships as part of the Urban Studies AOC.

Community Partners. For the initial projects of the Urban Lab, our main partners will be the City of Bradenton, the Bradenton CRA (Community Redevelopment Agency) and Realize Bradenton (a non-profit focused on the arts, community building, economic development and civic engagement). As a project site for the Urban Lab, Bradenton offers a wide range of possibilities, with support from strong community partners. Like any city, there are a lot of challenges but there are also a lot of positive things that have happened and prospects for even more. There are some big accomplishments, some compromises, and some problems for which there isn't yet a solution. All of which makes for a great opportunity not only to learn about what it takes to make great places and livable cities, but to make an actual contribution to ongoing urban transformations.

ISP 2022. For the ISP, we will be doing the background work that precedes any planning process: collecting information, engaging with the clients/stakeholders to understand their needs and concerns and develop a feel for the political and bureaucratic landscape), exploring and documenting key aspects of the physical places (both the best and the worst). We will get to know Bradenton exactly the way the best professional planning consultants would if they were preparing to work there. Along the way, students will learn about the practical side of planning, urban design, placemaking, and community development—not always pretty, not always what one hopes for, but always interesting. Activities will include:

- Background research: base maps, GIS data layers, Census data.
- Review documents (existing plans, form-based code, Village of the Arts overlay and plan, downtown cultural plan, CRA plans and reports).
- Meet with community partners to discuss their perspectives, needs and hopes, as well as the time line for any deliverables that might be the focus of the work in the spring.
- Review Realize Bradenton's past, present and future projects. Understand the successes and limitations of their approach to economic development and civic engagement through the arts.
- Field trips to observe and document the good, the bad and the ugly.

The goal of ISP 2022 will be to develop the background materials, establish the relationships with our partners, and craft a plan for the project(s) that will be the focus of the work during the spring semester. in consultation with our partners. The deliverable for the ISP will be two things: a briefing book that will provide a foundation for any students who might join the Lab in the future, and a project proposal for the work that will be the focus of the spring term. The proposal will include a work plan as well as a description of the deliverable(s) that will be presented at the end of the spring term.

Students do not need to be committed to an Urban Studies AOC in order to participate. Those who do have a background that does include course work in Urban Studies will be given preference, but we also need students who can bring a wide range of skills (in particular, research, quantitative analysis, photography, graphic design, GIS).

Students who participate in the ISP may choose to continue in the spring, but will not be required to do so. Students who are not able to participate in the ISP can still join the group in the spring (but might be required to do more background work than those who have been with the project in January). Students might find that it will particularly rewarding to be part of designing the process as well as carrying out the project in the spring.

Interested students should fill out an application form: <https://forms.gle/Sb74cezrRgLDmVgC6>

CANVAS PAGE: <https://ncf.instructure.com/courses/6453>

Performance Practicum: The Roaring Girl

Performance ISP (CRN 84608)—Nova Myhill (nmyhill@ncf.edu)

Technical Theater ISP (CRN 84609)—Tim O'Donnell (todonnell@ncf.edu)

This ISP is a full production of *The Roaring Girl*, a comedy by Thomas Dekker and Thomas Middleton. Nova Myhill will direct the production; Tim O'Donnell will oversee technical production. The production will rehearse over the full ISP and performances will take place February 3-6; rehearsal commitment is 20-30 hrs/week. Performers and technicians at all levels of experience are welcome—there will be something fun and interesting for you to do! Students interested in acting in the show should audition on October 27 or 28th; students interested in technical responsibilities should contact Tim O'Donnell by November 1 to discuss interests and possibilities.

About the show:

The Roaring Girl is a comedy satirizing social and sexual hypocrisy in 17th-century London. Moll, the roaring girl of the title, rejects the social expectations for women at the time in clothing, swordsmanship, and participation in the public sphere. Moll's defiance of convention overturns attempts by the older generation to impose their wills on their children, creating a world in which people are judged on their behavior not their reputation, marriage is based on love not money, and all attempts to use the socially powerless as pawns in the plots of the powerful backfire spectacularly. The play was written at around the same time that Shakespeare was working and uses the same kind of language, but is much more interested in the lives of ordinary people and more explicitly engaged with contemporary social issues. There are about 30 named characters, and all actors will play multiple roles.

Auditions (Inside BBT in Ham Center):

October 27th & 28th, 6-8 pm - General Auditions

November 1st, 6-7 pm - Callbacks if Necessary

For details, see the audition packet that has been sent to the student list. Please contact Nova Myhill or Tim O'Donnell with any questions.

Rehearsals:

Through the entire ISP term, 20-30 hrs/week. There will be a couple of table reads in late November/early December and actors are expected to memorize their lines over winter break.

Professionalization Seminar for Health, Culture, and Societies (CRN 84631)

Miriam Wallace

Professor of English & Gender Studies

Core Faculty: Health, Culture, and Societies

Email: mwallace@ncf.edu

This intensive ISP is directed to students interested in learning more about health-related career options and professions—from the familiar (doctor, nurse, therapist, doula or midwife) to the less familiar (health information and health communication specialist, healthcare technology specialist, healthcare lawyer, medical illustrator, medical librarian, global health fieldwork and program director, editor for health or medical professional publications). This ISP fulfills the “Professionalization Seminar” requirement for the HCS-Joint AOC.

This ISP will include meeting with a range of health and health-adjacent professionals (including NCF alumni!) to learn about their work, their preparation and education. We’ll be exploring together here!

Participants will be expected to attend regular meetings (some in person, some on zoom) with professionals and alumni/ae who will share their career experiences. Plan on meeting 3X in the first two or three weeks for up to 1.5 hours each, and then working independently to prepare your final project.

Some off-campus experiences may be included, schedules permitting. Some readings and website reviews will be required. A regular reflection journal is expected.

•Final project: choose a particular health-related career path, research it, and present to the group in the final week. We’ll share information about how to discover interesting career options, where to research them (including informational interviews), and a format for presentations.

Projections from the [U.S. Bureau of Labor Statistics](https://www.bls.gov/) (BLS) show that healthcare jobs are expected to increase by 18% from 2016 through 2026.

Open to students at all levels.

Expect to spend time preparing for our meetings with visitors, and developing your Health Careers profile. Meeting 3 days weekly is likely.

Course will be offered in person, with some online portions (visits with experts).

Expression of interest: Preference to those who contact me before 1 December. Short form to indicate your interest [HERE](#). **Students interested in or pursuing Health, Culture, and Societies joint-AOC are advised to consider this ISP seriously.**

Radiant Communities: Performance Film & Ecology (CRN 84632)

Wes Kline

Adjunct Professor, Environmental Studies

Leymis Wilmott

Dance Instructor and Artist in Residence

Dr. Emily Heffernan

Associate Professor of Biology & Environmental Studies

*Please indicate your interest by emailing Prof. Wes Kline (rwkline@ncf.edu), by November 30th.

Prerequisites: none, other than an interest in ecology, film, movement studies, and creative practice.

Are you interested in exploring art & ecology, film, movement and performance? This group ISP will allow students to collaboratively create an ecological art film with faculty in Environmental Studies. With the support of the Mellon Foundation, and working under the direction of filmmaker Wes Kline, with movement training and choreography by dance instructor Leymis Wilmott and community ecology training by ecologist Dr. Emily Heffernan, students will individually develop characters and gestures based on ecological examples as well as personal histories, creating a kind of experimental community. As a creative cohort, this community will create a collaborative film by the end of the ISP.

Our research will center on the ecological communities overlapping on Tidy Island (in Sarasota Bay), using these communities as inspiration for developing characters that articulate community ecological roles. We will collectively construct a film shot on location on Tidy Island that merges the human and non-human, the constructed and the natural, creating a vibrant film exploring interspecies relations and vectors of creative movement.

No experience or equipment is necessary for this group ISP, only a willingness to participate. The directors are looking for a very diverse group of performers and creators, so everyone is welcome. Most of the course will take place on New College campus, with approximately two trips to Tidy Island to film our gestural performances. The course will meet four times a week on campus in order to develop the individual performances. Students will each create an individual development plan at the beginning of the course, and will write a brief reflective essay at the conclusion of the course. Participants will learn about community ecology, contemporary movement, teamwork, the process of creating a short film, and will receive creative credit on the film. This ISP may count as the Environmental Studies Practicum for Environmental Studies AOC students.

Spanish Staymersion at NCF (CRN 84633)

Sonia Labrador

Associate Professor of Spanish Language & Literature

slabrador@ncf.edu

The purpose of this ISP was to continue developing the four communicative skills in Spanish: listening, speaking, writing, and reading, with focus on speaking and listening. This ISP is intended for students beyond the 4th semester of Spanish at NCF who are unable to travel abroad during ISP. Students will have the responsibility of planning a variety of activities for one week and lead discussions during those events and based on those events (cooking, films, music literature discussions, etc.). They will also keep a diary and write a final reflection. Students should expect to spend an average of 15 hours per week practicing one or more of these skills.

Songs of Political Protest (CRN 84634)

Appropriate for first-years, remote

Tetyana Dzyadevych

Visiting Assistant Professor of Russian Studies

tdzyadevych@ncf.edu

Prerequisites:

Interest in politics and poetry. Desirable but not obligatory: working knowledge of a second language.

We live in a turbulent time and are witnessing (sometimes participating in) political protests all over the globe. There are political protests in Russia, Belarus, Hong Kong, Venezuela, and other countries. Today, **Black Lives Matter** has become a significant marker of a new wave of social justice activism. Each political protest has its own music, its own songs, which can survive over centuries or decades, like "La Marseillaise" or "Bella Ciao."

This ISP invites students to analyze the music of contemporary political protests. Students who possess knowledge of Russian, Mandarin, French, German, and Spanish can study songs in those languages. Students with English language proficiency are welcome to work with songs in English.

Meeting Time: We will meet remotely three times per week for approximately one and a half hours.

During the first week, we will watch and analyze films about different political protests throughout the world (instructor's choice while focusing particular attention on musical performances (style, energy, messages). For the second and third weeks, participants would need to conduct their own research about political protests and protest songs. Each participant should prepare a brief presentation (up to 15 minutes) about "their area of expertise" analyzing the songs (genre and lyrics), the form of delivery, the role, and place during the protest.

During the fourth week, participants in pairs or individually should conduct their own political protest on a globe perspective playlist answering the following question: Why have the songs been selected? What is the target audience of this "album"? What is the general message of the selection? This final stage of work also should be presented to the working group and discussed.

Through this group ISP, participants will acquire a perspective on the protest political movements and political songs in a global context. They will improve their critical thinking, analytical, and interpretative skills. Also, participants will improve their public speaking, time management, and team-building skills.

This article on [Belarus](#) can give some ideas to prospective students about what we will talk in January.

A Queer Jewish story, and Masculinity and the Making of American Judaism (CRN 84636)

(For up to 9 students)

Susan Marks
Professor of Judaic Studies

Preferred method to be contacted:

E-mail: smarks@ncf.edu

Office: ACE 233

This ISP is open to all interest students. There is no prerequisite.

What kind of constructions of gender did the Jewish settlers of America and their descendants explore and present? Too often histories of Judaism have overlooked gender completely. This ISP considers the ways that ignoring all mention of masculinity or experiences of manhood, leaves a myriad of questions unasked. We will make our way together through **Sarah Imhoff's book, *Masculinity and the Making of American Judaism*** (Indiana University Press, 2017). In addition, her new work builds upon this foundation in order to consider a queer contribution to Zionism. We will spend ISP reading these explorations and focusing on questions of gender, religion, identity, community and especially assimilation and exclusion.

Our readings will prepare us for Dr. Imhoff's public lecture at New College "**A Queer Zionism: Jessie Sampter and the Paradoxes of Jewish Nationalism**" on January 18, 2022

(<https://www.ncf.edu/about/performance-and-lecture-series/klingenstein-lecture-series/>), and her visit to our seminar the following day. Meanwhile students will also have familiarized themselves with appropriate research data-bases, and have read and annotated a couple of relevant articles. In this way we will together have laid the groundwork for further individual study. Finally, each student will build upon this foundation and complete a 7-10 page research paper on a related topic. Students will share drafts of these explorations with each other for peer review, and will revise these final papers in light of suggestions from their peers.

Meeting times: We will meet together as a group from 10:30am- Noon on: Wednesday Jan 5, Friday, Jan 7, Monday, Jan 10, Wednesday Jan 12, Tuesday Jan 18, Wednesday Jan 19, Monday Jan 24, and Tuesday Jan 25. In addition student will meet individually with professor Marks on Wednesday Jan 12 or Friday Jan 14 and again on Thursday Jan 20. All those in the ISP group should also plan to attend Sarah Imhoff's Tuesday night Jan 22 public lecture, at 5:30pm in Sainer.

Requirements: Student will read assigned texts in a timely fashion and come to our meetings ready to engage in discussions. Each student will turn in annotations, early drafts and a final paper exploring one issue related to gender and American Judaism, of around 7-10 pages.

The United Nations' Sustainable Development Goals in Action (CRN 84646)

Frank Alcock

Professor of Political Science & Environmental Studies

falcock@ncf.edu

Are you interested in sustainable development at the global and local levels? Do you want to engage in international programs to combat climate change? This group ISP will be organized around the Foundation for Environmental Stewardship's Sustainable Development Goals Launch program. The program involves five components: (1) a pre-event or preliminary background lesson; (2) a deep-dive live Q&A with Steve Lee, environmental youth activist; (3) a localization seminar; (4) an action plan workshop; and (5) a United Nations expert speaker series.

Week 1 will focus on an intensive examination of the United Nations Sustainable Development Goals (UN SDGs), and their precursor the Millennium Development Goals (MDGs) and agenda. Week 2 will incorporate the SDG launch programming components #2, 3 and 4. Week 3 will involve action plan implementation and Week 4 will allow for independent student research and completion of an essay or writing assignments.

Meetings during weeks 1 & 2 will be on campus and in person (with possible accommodation for remote access). Students completing all five components will receive a certification (badge) from the Foundation for Environmental Stewardship (FES).

Monumental Decisions: Reconciling the Confederate Commemorations in our Present and Future Possibilities (CRN 84642)

Uzi Baram, Professor of Anthropology

David Brain, Professor of Sociology

Sophia Hill, Student Sponsor

Overview:

Following the September 2021 removal of General Robert E. Lee from Statue Avenue in Richmond there has been a lot of discussion about what to do with the relics of the "Lost Cause" ideology. Given the complicated and uneven dichotomy of sentimentality and painful memory, this ISP will explore representations cautiously. The goal is a draft proposal for what should be done with statues to recontextualize them in an American legacy, illustrated with architectural design software (Sketch-up). The product of the ISP will be visual representations of our ideas for the monuments and their spaces, as well as a written description of the intentions of the representations. Sponsored by professors Baram and Brain, Sophia Hill will coordinate meetings and facilitate discussions; limited to 8 students. Twice a week meetings

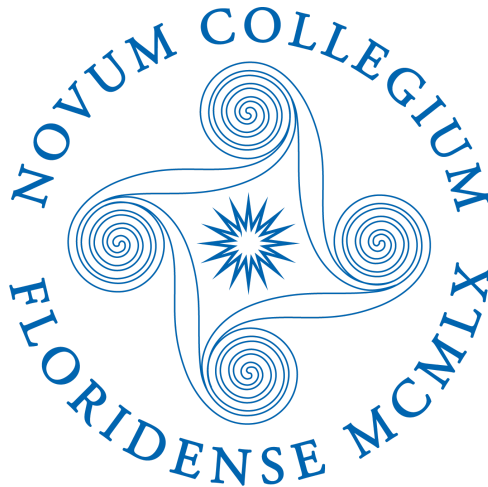
Expectations:

The project is sponsored by Professor Baram and Professor Brain, and organized by myself. The group will consist of 8 students (including me) who will share the responsibility of brainstorming, designing, and crafting the final presentation.

I. The final design of the project will be a creative collaboration between all members of the group. Since the people responsible for creating the statues made non inclusive, unilateral decisions it is important for this project to be based on collective action. Design sessions will be held ahead of time, as well as consistently throughout the duration of the ISP. All members will have equal input on what they believe should and should not be included in the final design.

II. Roles will be assigned in the first meeting, with an in depth discussion of what is expected from each of the members. After that, there will be meetings twice a week to check in on the group's progress as well as provide opportunities for members to include their input.

III. As group organizer, I will coordinate meetings and will personally touch base with members on a regular basis. I will also facilitate discussions about the difficult cultural aspects we will be representing through our work, and provide resources for the group members to build upon.



HUMANITIES

Debarati Biswas

Visiting Assistant Professor of English/ Consortium for Faculty Diversity Postdoctoral Fellow

Preferred contact method:

Email: dbiswas@ncf.edu

Office: PME 211 (Office Hours: Mondays 11am to 1 pm and Thursdays 12 pm to 1 pm.

Please contact me via email first with a detailed summary of your topic and a tentative reading list before Thanksgiving break, i.e. by November 15.

Areas of interest within discipline:

- African American Literature and Culture
- 20th and 21st century American Literature and Culture (particularly Multi-ethnic Literature of the United States)
- Queer of Color Critique and Queer Theory
- Black Speculative Fiction
- Post-World War II Black and Third World Feminisms
- The City in American Literature (including pulp fictions and urban fictions)
- Working-Class U.S. Literature and Culture
- Postcolonial Theory
- Prison Abolition and Worldmaking

Areas of interest outside discipline:

- Caribbean Literature
- Ecocriticism, Extraction Ecologies and Literature
- Disability Studies
- Representations of race, class, gender, sexuality, and politics in Hip-Hop
- Housing and Discrimination
- Algorithms of Oppression

Expectations for satisfactory completion of an ISP:

- Regular weekly meetings (via email/Zoom if off-campus).
- Project must be a full-time commitment.
- Expectations will vary based on the type of project, but will involve regular reading and writing assignments (such as reading responses, annotations, and a final research essay or project) that demonstrate critical engagement with the texts.
- Completion of all work by the end of ISP (i.e. before the start of the Spring semester).

Katherine Brion
Assistant Professor of Art History

Preferred method to be contacted:

E-mail: kbrion@ncf.edu

Office: ACE 110

Areas of interest within discipline:

- Art and Visual Culture of the Modern and Contemporary Period (specialized in 19th and early 20th-Century Europe), particularly painting, printmaking, photography, the decorative arts and design.
- Representations of “difference,” especially in regards to race, ethnicity, and gender, as well as cross-cultural contact in colonial contexts.
- Art, politics, and propaganda.
- The role of art and visual culture in education (focused on the modern period).
- Art museums.
- Public art, as well as monuments and memorials.

Areas of interest outside discipline:

- French/Francophone language, literature, and culture.

Expectations for satisfactory completion of an ISP:

- Regular weekly meetings (or the equivalent).
- Project must be a full-time commitment.
- Format depends on the project.
- Completion of all work by the end of ISP (i.e. before the start of the Spring semester).

Ryan Buysens
Assistant Professor of Art

Preferred method to be contacted:

Email: rbuyssens@ncf.edu

Office: CFA 102 (By Appointment)

Areas of interest within discipline:

Sculpture

Interactive Installation

Filmmaking

Animation

3D Printing

Digital Fabrication

Mechatronics

Physical Computing

Human-Computer Interaction

Robotics

Kinematics

Areas of interest outside discipline:

Bicycle Frame Building

Flying machines

Expectations for satisfactory completion of an ISP:

Students should submit a written/visual proposal prior to ISP deadline for priority consideration. The ISP proposal should include an outline of goals, a timeline, and a project statement/description. The following parameters should be considered:

- A minimum of 30 hours per week should be spent on research and studio/production.
- Weekly project reports must be kept.
- Regular meetings required.
- Goals outlined in proposal must be met (final work completed, documented with written statement).

Emily Carr
Visiting Assistant Professor of Creative Writing

Preferred method to be contacted:

Email: emcarr@ncf.edu

Office: Palmer E 222

Office Hours: Fall Term: W 10 am-12 pm and by appointment. January: TBD.

Areas of interest within discipline:

- Creative Writing (poetry, fiction, creative nonfiction, and hybrid/cross-genre writing)
- Ecopoetics & ecofeminism
- Creative Writing Pedagogy, including post-secondary and K-12
- Science Fiction
- Detective Fiction
- Editing & Publishing
- Arts Administration
- Collaboration & Installation
- Writing across/between disciplines

I am particularly interested in sponsoring ISP's on the following topics:

- Writing Partners: for pairs of students who want to learn how to better hold each other accountable, as well as challenge and celebrate each other as writers. These tutorials will help writers to move away from a product-oriented mentality to focus on process, progress, commitment, and passion, with an emphasis on support, praise, and possibility.
- Revision: for writers who want to devote 3.5 weeks to developing a sustainable and nourishing revision praxis
- Detective Fiction: for students who are interested in exploring the structure of detective fiction and mapping their own murder mystery
- Book-length projects: for writers who want to devote 3.5 weeks to a book-length (novel, memoir, poetry collection, short story collection, etc.) project
- Creative Writing Pedagogy grades 6-8: for students who are interested in teaching at the middle-school level

Expectations for satisfactory completion of an ISP:

The ISP is a full-time, four-week academic project. Students must plan their time accordingly, and must present me with a well thought out and clearly organized reading and writing schedule.

Something on paper must be shared with me by the last day of ISP or it is unsatisfactory. The nature of this project will depend on the particular subject, but, as a rule, I expect weekly writing and reading responses submitted by email, a final portfolio, and a self-evaluation.

I do not give incompletes on ISPs unless extenuating circumstances, such as natural disaster, personal or family illness, or other extraneous circumstances interfere with the student's ability to complete the project by the last day of the period.

Malena Carrasco
Professor of Art History

**Preferred method to be
contacted:**

E-mail: carrasco@ncf.edu

Office: ACE 320

Areas of interest within discipline:

- Art & Architecture from Classical Antiquity to the Rococo
- Methodology and Historiography of Art History.
- Individual Artists and Genres (narrative, landscape, portrait, still life)
- Travel to Art Museums: U.S. and Europe

Expectations for satisfactory completion of an ISP:

- Regular meetings, minimum once per week (contact via E- mail, if off campus).
- Full-time engagement
- Format is negotiable (travel journal, lecture, or analytical/ research paper)
- Completion of project by the start of Spring semester.

Maribeth Clark
Associate Professor of Music

Preferred method to be contacted:

Email: mclark@ncf.edu

Office: ACE 131

Areas of interest within discipline: opera, nineteenth-century French ballet, American studies, the environment as heard, sound studies, American music, English country dance, American contra dance, birdsong, whistling, research using digitized US newspapers.

Areas of interest outside discipline: Information literacy, Florida, leadership and public service, intergroup dialogue

Expectations for satisfactory completion of an ISP: Something on paper must be shared with me by the last day of ISP or it is unsatisfactory. I do not give incompletes on ISPs unless extenuating circumstances, such as natural disaster, personal or family illness, or other extraneous circumstances interfere with the student's ability to complete the project by the last day of the period.

Tabea Cornel

Visiting Assistant Professor of Medical Humanities

Preferred method to be contacted:

E-mail: tcornel@ncf.edu

Office: PME 227

Areas of interest within discipline:

Generally: History of science and medicine, feminist STS, medical humanities, neuro-humanities, digital humanities, neuroethics.

Specifically:

- Relationships between societal structures and medical/scientific knowledge/practice,
- History of neuroscience in the German-, French-, and English-speaking world of the 19th, 20th, and 21st centuries,
- Categories, measures, and means of quantification in the history of the human sciences,
- Big data, computing, surveillance, and self-surveillance in the life sciences,
- Ethics of classifying human bodies, behaviors, identities, and desires incl. intersectionality,
- The science of handedness and research on laterality since 1865,
- Cultures of “male” and “female” brains then and now,
- Digital tools for historical research (programming in R),
- Transdisciplinary dialogue and best-practice models for current research based on historical insights.

Areas of interest outside discipline:

- Public surveillance and privacy incl. racist/sexist algorithms,
- Current race relations in the US incl. structural racism and incarceration,
- Differing ways in which countries work through their history of genocide,
- Access to higher education and equity/justice within institutions of higher education,
- Bridal magazines as “cosmograms,” i.e., diagrams depicting the order of a particular society.

Expectations for satisfactory completion of an ISP:

- Note that I will likely be sponsoring a group ISP (“Politics of Yellow Fever in Alexander Hamilton’s America”) and might have very limited time to supervise individual ISPs.
- Submission of written prospectus before Thanksgiving break, incl. goals, methods, sources, timeframe, and output.
- Project must be a full-time commitment.
- Regular meetings at least once per week (in person, via skype, or via email).
- Weekly written progress report.
- Substantial final project completed by the morning of the last day of the ISP term. Depending on the ISP, this can be a paper, a poster, a presentation, code, a high school curriculum, an event, etc

Mark Dancigers

Assistant Professor of Digital Media & Music

Preferred method of contact:

Email: mdancigers@ncf.edu

Office: CFA 208

Areas of interest within discipline

- Electronic Music Composition
- Electronic Music Live Performance
- Digital Media projects involving sound
- Acoustic Music Composition
- Sound art and collaborative sound projects with other art forms
- Projects in music technology
- Projects in music analysis
- Arts Administration

Expectations for satisfactory completion of an ISP

- Students must submit their proposal including a project statement outlining the type and amount of work, the number of pieces to complete (if relevant) and a preliminary bibliography by the ISP deadline. All students working on creative projects are expected to also develop a listening list corresponding to their impulses for original work.
- Students must complete their ISP within the formal ISP period.
- Students are expected to work approximately 30 hours per week on their project.
- Students working on creative projects are required to submit an artist statement / self evaluation / journal of their process at the end the formal ISP period. This can take the form of a blog or website, digital photos and drawings of elements of your process are encouraged.
- Weekly meetings are required where evidence of progress is reviewed.

Expectations for satisfactory completion of ISP:

All agreed upon work must be completed by the last day of ISP.

Nicolas Delon

Assistant Professor of Philosophy and Environmental Studies

Preferred method to be contacted:

Office Phone: 487-4276

Office: ACE 303 / Office hours Thurs. 1-3pm or [by appointment](#)

E-mail: ndelon@ncf.edu

Areas of interest within discipline:

- Moral philosophy
- Animal ethics / Environmental ethics
- Social, political and legal philosophy
- Philosophy of mind
- Nietzsche, Wittgenstein

Areas of interest outside discipline:

- Psychology
- Running
- Veganism
- Punk rock

Expectations for satisfactory completion of an ISP:

Students should come with **well-defined proposal** for independent projects and **contact me early**.

I'm open to **innovative individual projects** (e.g. philosophically informed report from relevant volunteering or interning experience), **research assistance** (e.g. rigorous literature reviews, data compilation/analysis), and **thesis preparation**.

Submissions by email and meetings on campus or via Zoom.

I will **not accept late submissions** of ISP work (i.e. later than the first couple weeks of spring term) unless previously agreed upon.

Tetyana Dzyadevych

Visiting Assistant Professor of Russian Language, Literature, and Culture

Preferred method to be contacted: tdzyadevych@ncf.edu

Fall office hours: M/W/F 11:00 - 11:50 PME 225

Areas of interest within the discipline:

- Contemporary Central-Eastern European literature (Russian, Ukrainian, Polish, Czech)
- Pop-culture
- Central-Eastern European cinema (Russian, Ukrainian, Polish, Czech)
- Actionism
- Language of Protest
- Postcolonial Studies
- Gender Studies
- Immigration
- Digital humanities: Gamification in Second Language Acquisition

Areas of interest outside discipline:

- XIX century
- Oral history
- Local history
- Community service
- Social and political justice

For individual ISPs, I expect a creative and clear idea, realistic approach and meaningful outcome.

Students with good command Russian and interest in computer games, I invite you to make an assessment of a computer game in Russian folklore.

Aron Edidin
Professor of Philosophy

Preferred method to be contacted:

(email is best)

E-mail: edidin@ncf.edu

Phone: 487-4248

Office: ACE 234

Areas of interest within discipline:

- Among others: extended work with topics students started working on in courses or tutorials.
- Exploratory readings in areas that are new to the student (works best for experienced philosophy students).
- Topics in logic, including puzzles and paradoxes.

Areas of interest outside of discipline:

- History of musical performance or musical instruments.
- Theatrical production (history, interpretive issues, current trends, actual performances).
- Other topics that involve thinking about performing arts, including music and theater.

Expectations for satisfactory completion of an ISP:

- Careful planning of what you'll be doing from day to day and week to week during the month is crucial to successful ISPs. Therefore, I prefer projects that are organized around the process that will occupy the month rather than just the product that will be submitted at the end. The day-to-day and week-to-week plan should also ensure (and produce evidence of) full-time engagement with the project during the ISP period.
- *Because of the importance of careful planning, students who want to do ISPs with me should contact me **soon**, so we have plenty of time for the planning process!*
- I am open to group ISPs and encourage projects that include regular contact with other students whether they are part of a group project or not. (For example, I think it is a good idea to include regular discussion of your project with other students as a planned part of the process.)

April Flakne
Associate Professor of Philosophy

Preferred method to be contacted:

E-mail: flakne@ncf.edu

Areas of interest within discipline:

- Existentialism
- Phenomenology
- Ethics
- Greek Thought
- Nineteenth Century Philosophy
- Social-Political Philosophy
- Contemporary European Philosophy

Areas of interest outside discipline:

- Dance
- Literature
- Film

Expectations for satisfactory completion of an ISP:

Students should come with a well thought out reading schedule/plan. Weekly response papers to individual readings via e-mail/blog/canvas. Projects ordinarily culminate in a 12-15-page paper; an annotated bibliography; or a creative project.

Alexandria Griffin
Visiting Assistant Professor of Religion

Preferred method to be contacted:

Email: algriffin@ncf.edu

Areas of interest:

- Catholicism
- African American religions
- Religion and race in America
- New religious movements in America
- World Christianities
- LGBTQIA+ identities and experiences in religion
- Mormonism
- Religion and sports
- Religion and popular culture
- Religion and fandom
- Material culture

Expectations for satisfactory completion of ISP:

- Regular meetings with me to discuss readings
- Completion of a research-intensive project, open in form (paper, film, website, comic book, photograph portfolio, etc.)

Sonia Labrador-Rodriguez

Associate Professor of Spanish Language & Literature

Preferred method to be contacted:

E-mail for initial contact: slabrador@ncf.edu

Office: ACE 322

- A well-developed proposal in writing before the 13th week of classes.
- For students who are interested in an ISP in Spanish, they must have completed at least a third semester of Spanish.

Areas of interest within discipline:

- Representations of Blacks in Spanish American Literature and Culture
- Slavery in Latin America and the Caribbean
- Caribbean Literature and Culture
- Race, Gender, and National Identity in Spanish America and the Caribbean
- Latin American Film
- Spanish Language (for students who have taken Spanish at New College)

Areas of interest outside discipline:

- Race and National Identity
- Representations of Slavery
- History of Intellectuals in Latin America
- Topics in Culture and Society in Latin America
- Caribbean and Latin American Women Writers

Expectations for satisfactory completion of an ISP:

- At least two reports of progress (if not on campus, it can be via E-mail).
- Form of final project varies according to student's proposal.
- Submission of written work not later than the eighth week of classes (Week after spring break).

Fang-yu Li
Associate Professor of Chinese Language & Literature

Preferred method to be contacted:

E-mail: fli@ncf.edu

Fall Office hours: Mon. 12-1pm; Tue. 2:30-3:00pm; Wed. 12-12:30pm

Office: ACE 133

Phone: 941-487- 4277

Areas of interest within discipline:

- Modern Chinese Literature
- Chinese cinema
- Contemporary Chinese art
- Chinese pop-culture
- Chinese Diaspora literature and art
- Chinese-English Translation (for students with intermediate or higher level of Chinese)

Areas of interest outside of discipline:

- East Asian popular culture
- East Asian literature, films, and culture
- Asian American literature, film, and culture
- English translation of original texts in Confucianism and Daoism

Expectations for satisfactory completion of an ISP:

- Depends heavily on the nature of the project.
- Periodic contact with project sponsor, but work is intended to be independent.
- Final project must be completed no later than the end of the term. No incompletes will be granted.

Manuel Lopez
Associate Professor of Religion

Preferred method to be contacted:

E-mail: mlopezzafra@ncf.edu

Office: ACE 204

Phone: 487-4317

Areas of interest within discipline:

- Buddhism
- Hinduism
- Asian Religions in general
- Meditation
- Religion in popular culture

Areas of interest outside of discipline:

- Popular Culture

Expectations for satisfactory completion of ISP:

- Depends heavily on the nature of the project
- Research-based projects typically involve 20-30 pages of writing (one long essay or several shorter essays)
- Periodic contact with project sponsor, but work is intended to be independent.

Shuk Han Lui
Visiting Assistant Professor of Art

Preferred method to be contacted:

Email: slui@ncf.edu

Office: CFA 506 (By Appointment)

Students need to submit a written/visual proposal two weeks before the ISP deadline for priority consideration. This means you need to email me no later than November 17. Because of the importance of the proposal, students who want to do ISPs with me, please email me a description of the tentative project asap, so we have time for the planning proposal.

Areas of interest within discipline:

- Drawing
- Painting
- 2D Design
- Book Arts
- Printmaking

Areas of interest outside discipline:

- Piano
- Cantonese
- Sound studies
- Hiking

I am particularly interested in sponsoring ISP's on the following topics:

- Drawing Marathon: originally designed to address the importance of drawing as the basis of understanding one's experience in the world by a painter, Graham Nickson, Dean of the New York Studio School in 1988. This marathon is an intensive study that includes five hours of daily drawing for four weeks. For some students, it is an opportunity to immerse themselves in their artistic practice, while for others, it is a creative and challenging way to draw everyday for a month.
- Drawing Partners: for pairs of students who want to learn how to better hold each other accountable as collaborative artists.

Expectations for satisfactory completion of an ISP:

The ISP is a full-time, four-week academic project. The ISP proposal should include an outline of goals, a timeline, and a project statement/description. A minimum of 30 hours per week should be spent on research and studio/production.

Weekly scheduled meetings and progress reports are required and a final peer group critique of completed work held at the end of ISP. Goals outlined in a proposal must be met (final work completed, documented with written statement) by the last day of ISP.

Susan Marks
Professor of Judaic Studies

Preferred method to be contacted:

E-mail: smarks@ncf.edu

Office: ACE 233

Because I am sponsoring a Group ISP, “**A Queer Jewish story, and Masculinity and the Making of American Judaism**” (for up to 9 students), I am likely to steer you in that direction unless you have studied with me before and have a compelling project in mind (such as one that takes off from something you encountered in class).

Areas of interest:

- Ancient Synagogues
- Apocryphal Literature
- Dead Sea Scrolls
- Early Jewish History
- Gender in the Study of Religion
- Jewish Scriptures
- Rabbinic Literature
- Ritual Theory
- Varieties of Judaism in the Modern World
- Women in Early Judaism and/or Christianity
- OR a combination of any of the above

Expectations for satisfactory completion of an ISP:

- All ISPs will include intensive reading in primary and secondary sources.
- Expect to research, write and revise a thesis-driven paper.

Nova Myhill
Professor of English & Theater and Performance Studies

Preferred method to be contacted:

E-mail: nmyhill@ncf.edu

Office: ACE 104

Phone: 487-4227

- I prefer to be contacted by e-mail.
- Office Hours WF 9:30-11

Area of specialization:

Renaissance Drama, Shakespeare, audience studies.

Areas of interest within discipline:

- British literature before 1660: Medieval romance, Chaucer, Renaissance lyric poetry, Renaissance epic, prose fiction.
- European and American drama (12th century to present): Corpus Christi plays, academic drama, court drama, Shakespeare, development of the public theaters, Restoration drama, naturalism, expressionism, absurdism.
- Avant Garde Theater and Performance.
- 16th & 17th century British social history.
- Theater history.
- Dramatic/Performance Theory.
- Theatrical Production.
- Digital Humanities.

Expectations for satisfactory completion of an ISP:

- An ISP represents four weeks of full-time work. Before the ISP begins, students should plan a fairly detailed schedule.
- I expect to meet with students at least twice during the ISP period, probably during the first and third weeks.
- Research ISPs should involve considerable work with primary texts and will normally result in about 20 pages of written work; my preference is for four short essays, one due each week.
- ISPs involving play productions will include journals and a short analytical essay in addition to the production itself.

Christopher Noble
Assistant Professor of Philosophy

Preferred method to be contacted

E-mail: cnoble@ncf.edu

Office: PME 221

Areas of interest within discipline:

- Early modern European philosophy, especially Leibniz and Spinoza.
- The history of philosophy in general, including from a global and cross-cultural perspective.
- Historiography of philosophy.
- History and philosophy of science (especially the life sciences in the early modern period).

Areas of interest outside discipline:

- Experimental, electronic, and improvised music.
- Speculative science fiction.

Expectations for satisfactory completion of an ISP:

- Regular weekly meetings.
- Project must be full-time commitment.
- Format will depend upon the nature of the project.
- Completion of all work by the end of ISP

José Alberto Portugal
Professor of Spanish Language & Literature

Preferred method to be contacted:

E-mail for initial contact: portugal@ncf.edu

Office hours: by appointment

Areas of interest within discipline:

- Modern Latin American narrative.
- Early novel in Spain, 16th and 17th Centuries.
- Reading Poetry of Spain and Spanish America (for advanced students of Spanish).
- Reading Modern Latin American Theater (for advanced students of Spanish).
- History, Politics, and the Novel in Latin America (19th and 20th Centuries).
- Representations of the Indian and the Indian World: (a) Latin American Novels and Essays of the 19th and 20th Centuries; (b) early Chroniclers and Historians of Indies, 16th and 17th Centuries.
- Spanish American Literature, 16th and 17th Centuries (Colonial Voices)
- Language ISPs involving study abroad, only for students who have completed at least the fourth semester of Spanish at the college level.

Areas of interest outside of discipline:

- Exercises in translation: short stories, poetry, essays. Spanish to English (for advanced students of Spanish).
- Latin American film.
- History of ideas: progress, modernization, development; utopias, anti-utopias, dystopias; messianic movements; the gothic.

Expectations for January ISP (ISPs conducted in Spanish only for students who have completed at least the fourth semester of language study at the college level):

- A well developed written proposal before initial meeting. Proposal must represent four weeks of full-time work on the project.
- Initial meeting no later than week 11 of fall semester.
- A final proposal with description of final product and complete bibliography by week 12 of fall semester. Must include a detailed schedule.
- Frequency of meetings during January according to the project (no less than two for the period).
- Final project completed no later than the first week of classes of the spring semester.

Amy Reid
Professor of French and Gender Studies
Director, Gender Studies Program

Preferred method to be contacted:

E-mail: reid@ncf.edu

- Student's interest is the necessary motor for any successful project.

Areas of interest within discipline:

- My teaching covers topics in 19th-century literature, as well as Francophone literature from Québec, the Caribbean, and Africa. I work mainly with prose fiction, but am interested in poetry and theater as well.
- Representations of women, *écriture féminine*; post-colonial writing and theory.
- Translation and translation theory. My current research focuses on translation and I would be happy to work with students on the practice of translation, including feminist and post-colonial translation theory. As a translator, I work primarily on novels written French by authors from Africa and the African diaspora.
- Gender Studies & Feminist theory - both French feminist theory and the tradition of American Feminism, from the 19th century to the present; Contemporary women's writing (from U.S. & the Americas, as well as Africa).

Expectations for satisfactory completion of an ISP:

Requirements reflect student's projects and goals. I encourage students either to meet with me during ISP and/or to hand in their work in installments (2-3 short papers; short critical responses plus a final paper, etc.), so that communication strengthens the final project outcome. I can sponsor either individual projects or small groups.

David Rohrbacher
Professor of Classics

Preferred method to be contacted:

E-mail: rohrbacher@ncf.edu

Office: ACE 105

- Please contact me as early as possible and definitely before December 1.

Areas of interest within discipline:

- All areas of Greek and Latin literature, history, religion, and philosophy.
- The classical tradition in medieval, modern, and non-western literature, history, religion, and philosophy.

Areas of interest outside of discipline:

- Internships, especially related to pre-college teaching.
- Literature about work/the workplace, particularly the literature of restaurant workers and the literature of computer programmers and statisticians.
- Other topics in literature.
- Projects in digital humanities, for beginners as well as more advanced students.

Expectations for satisfactory completion of an ISP:

- Every project will vary. I favor extensive reading in primary sources.
- First-year Latin or Greek cannot be taken as an ISP. Those with more advanced language skills are, however, strongly encouraged to create ISPs which will allow them to read texts in the original languages.

Carl Shaw
Professor of Greek Language & Literature

Preferred Method to be contacted:

E-mail: cshaw@ncf.edu

Office: ACE 109

Please contact me as early as possible, definitely by the beginning of December.

Areas of interest within discipline:

- Greek and Latin literature and culture
- Greek poetry, especially drama
- Comedy and Satire
- Ancient Sexuality and Obscenity
- Literary theory / poetics
- Classical Mythology

Areas of interest outside of discipline:

- Reception of ancient drama
- Obscene / satirical genres
- Monsters and Monstrosity
- Textual criticism and transmission
- Indo-European Linguistics
- Rap and Hip-Hop

Expectations for satisfactory completion of an ISP:

- Expectations depend on the nature of project.
- Substantial reading in primary sources; regular progress reports or meetings; approximately twenty pages of written work.

Wendy Sutherland

Associate Professor of German, Black European and Diaspora Studies

Preferred method to be contacted:

E-mail: wsutherland@ncf.edu

Office: ACE 215

Phone: 487-4697

- Written proposals, bibliography, outline & preliminary discussions about projects are required.
- E-mail is the best form of communication.
- Follow-up discussions during office hours or by appointment
- Students are advised to contact me about a project before December 1.

Areas of interest within discipline:

- Berlin: City as Text; Berlin in Text and Film; History through Architecture
- German: advanced stylistics and translation.
- 18th – 20th century German drama: bourgeois tragedy, role of women, virtue and vice; authors include Gotthold Ephraim Lessing, Jakob Michael Reinhold Lenz, Johann Wolfgang Goethe, Friedrich Schiller, Heinrich Leopold Wagner, Friedrich Hebbel, Theodor Storm and Arthur Schnitzler.
- Role of Blacks in German literature, history and philosophy.
- Afro-German identity and the history of Afro-Germans from 1884 to the present.
- Afro-Germans and film; Blacks in German film.
- Topics of cultural history include: 18th century German bourgeois culture, the rise of Prussia, Berlin culture and history.

Expectations for satisfactory completion of an ISP:

- An ISP is a four-week, full-time academic effort, which is equivalent to a full-term undertaking. In most cases, students will write one analytical essay totaling approximately 25 pages in length. For critical papers, students are expected to use secondary sources.
- ISPs do not take the place of courses that are regularly offered, such as first-, second-, or third-term German. I will not sponsor projects involving the learning of a language that I do not read or speak.

Jocelyn Van Tuyl

Professor of French Language & Literature

Preferred method to be contacted:

E-mail: vantuyl@ncf.edu

Office: ACE 213

Areas of interest within discipline:

- All topics in French literature and culture, including travel-based projects and internships, gastronomy, and service learning.

Areas of interest outside of discipline:

- Children's and Young Adult Literature
- Internships, community-based projects, and other hands-on experiential ISPs

Expectations for satisfactory completion of an ISP:

- Consistent communication throughout the planning phase and the ISP period
- Consistent progress and timely completion of all work. All work is to be submitted by the final day of ISP.

Miriam L. Wallace
Professor of English & Gender Studies
Chair, Division of Humanities

Preferred method to be contacted:

E-mail: mwallace@ncf.edu

Office: Humanities Division Office, ACE 116

NOTE: I will be offering a group tutorial “Professionalization Seminar for Health Culture & Societies” so unlikely to sponsor other ISPs this term.

*Initial queries by email. Sometimes I can help give guidance even if I cannot sponsor the ISP myself.

*I also sponsor internships and hands-on projects in areas that intersect with my areas of scholarly interest:

EXAMPLES: archival work for Planned Parenthood-Boston; work with SPARCC and ALSO to develop instructional materials and programming; work with publishing houses or magazines; work with an educator to develop and teach with a school or non-profit organization, work with a lawyer’s office to learn more about some aspect of what legal careers and practices look like; work with a local librarian for instance the MakerSpace in Selby Public Library. CEO can help you find some local options.

* I like to be contacted before mid-November, and will not accept more ISPs once my limit is reached.

Areas of interest within discipline:

- the Novel as genre;
- British & Transatlantic Romantic-Era or long 18-century literature and culture;
- Law & Literature, particularly intersections with rhetoric and public speaking;
- Psychoanalytic approaches to literature and related narrative medicine-type approaches;
- Embodiment and variable bodies in literature and visual material, esp. across time;
- Health Humanities/Disability Studies

Examples from past successful projects: Reading *Frankenstein* (Group ISP); Internship: History of Planned Parenthood (Boston PP); Travel Narratives and Women Travellers (individual ISP); Preparing a conference presentation from proposal to final presentation (individual or group).

Areas of interest outside of discipline:

- Internships or projects with a gender or intercultural studies or disability studies, educational/literacy, or publishing/editing skills component;
- birding, birdwatching & identification

Expectations for satisfactory completion of an ISP:

- A reading and writing component. A reading journal and formal final essay/ project are usually required. There must be some documentation of ongoing work over the ISP period for a satisfactory evaluation of a reading/writing ISP; the **quality** of analysis is important for ‘satisfactory’ evaluation.
- For internships or other practical ISPs, I need a negotiated plan balancing hands-on work and research/writing/reflection on the project for approximately 20 hours weekly. Your supervisor at the organization with which you intern and I need to have each other’s contact information; I will require an evaluation from your supervisor and your own self-evaluation of your work. Again, a regular journal and final reflection paper are common written requirements.
- The final form of the project is due at the end of the ISP period except in exceptional cases. Plan to complete your work by Wednesday of that week. I rarely give extensions unless there are extenuating circumstances or a clear plan to conclude the work--they make life hard on both of us once the term starts.

LJ White

Visiting Assistant Professor of Music (Consortium for Faculty Diversity)

Preferred Method of Contact:

Email: ljwhite@ncf.edu

Office: CFA 215 (Office hours T 1-2, Th 5-6, F 1-2)

Areas of Interest Within Discipline:

Music Composition (acoustic or electronic, any genre)

Music Theory

Ear Training/ Musicianship

Sight Singing

Music Analysis (any genre)

Music Engraving & Notation

Orchestration

Arranging

Contemporary classical music

History of music technology

History of African-American music

Intersections of music and politics

Areas of Interest Outside Discipline:

Gender studies, especially transgender and transmasculine studies

Vocal health and vocal embodiment, for singing and speaking

Movement practices for singers and performers (Alexander Technique, Feldenkrais, etc.)

Expectations for Satisfactory Completion of an ISP:

Full-time commitment to the project is expected.

Regular weekly meetings are required, with significant progress on the project demonstrated each week.

Students must complete their ISP's within the formal ISP period.

Alina Wyman
Associate Professor of Russian Language and Literature

Preferred method of contact:

E-mail for initial contact: awyman@ncf.edu

Office: ACE 132

Phone: 941 487 4281

Areas of interest within discipline:

- Russian Literature and Culture
- 19th and 20th century Russian prose
- Dostoevsky
- Russian and Slavic Literary Theory
- Mikhail Bakhtin
- City Literature

Areas of interest outside of discipline:

- Belarusian Language and Literature
- German literature and philosophy
- Max Scheler
- German Romanticism

Expectations for satisfactory completion of an ISP:

A well-developed written proposal before initial meeting

- Initial meeting no later than week 11 of the fall semester
- A final proposal with complete bibliography and form of final project by week 13
- Final project completed no later than the second week of classes of the spring semester
- At least two meetings with me during ISP
- The frequency of meetings will depend on the project
- I will not accept ISPs after November 30th

Robert Zamsky
Professor of English

Preferred Method of Contact:

*Email: rzamsky@ncf.edu

Office: ACE 319

Phone: 487-4391

*I prefer to be contacted by e-mail

Areas of interest within discipline:

I will consider any topic having to do with poetry, but I am particularly interested in:

- Modern and contemporary American poetry.
- Transatlantic modernism & postmodernism.
- Lyric poetry from the English Renaissance to the present day.
- Poetics (theories of poetry, especially the tradition of the “defense”).
- Poetry’s relationship to music and the visual arts.
- The political and communal functions of poetry in performance.
- The idea of “experimentation” in poetry and fiction.
- Jazz in American literature.

Areas of interest outside of discipline:

- Modernism & postmodernism in music and the visual arts.
- Poetry and poetics of the francophone Caribbean.
- Poetry in the K-12 classroom.

Expectations for satisfactory completion of an ISP:

- The ISP is a full-time, four week academic project. Students must plan their time accordingly, and must present me with a well thought out and clearly organized reading schedule.
- The nature of the writing for the ISP will depend on the particular project, but, as a rule, I will expect weekly reading responses submitted by email, one or two short analytical papers, and a self-evaluation.

Jing Zhang

Associate Professor of Chinese Language & Literature

Director, International Studies Program

Preferred method to be contacted:

E-mail: jzhang@ncf.edu

Office: ACE 214

Phone: 487- 4279

- Students should e-mail me a description of the tentative project before making an appointment to talk about it.

Areas of interest within discipline:

I will consider any topic on Chinese Literature and Culture both in the national and global contexts, and my particular interests are in:

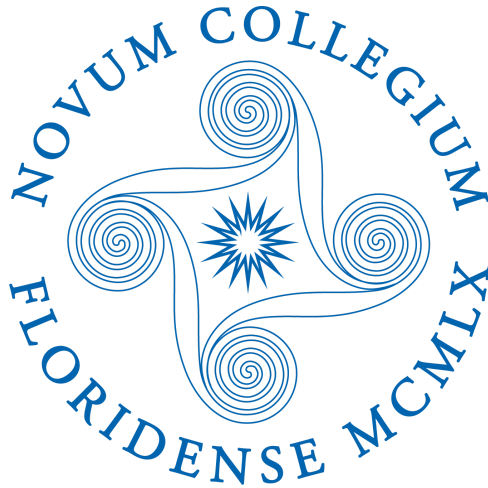
- Vernacular fiction and theater in the Ming and Qing China, from the 14th to the early 20th century
- Myths, tales, and stories in pre-modern China
- Classical Chinese poetry
- Modern and Contemporary Chinese fiction and theater
- Chinese cinema, particularly independent/underground movie-making
- Translation (for students with advanced knowledge of Chinese)
- Students who have taken my literature courses or tutorials and want to expand their readings and research are encouraged to do so through an ISP project with me

Other Areas of interest:

- American Chinese writers and artists
- Chinese art
- Internships related to China or the use of Chinese language and study abroad programs in China.

Expectations for satisfactory completion of an ISP:

For a project that involves mainly reading and writing, I expect the student to submit regular journals, short papers, annotated bibliographies and/or a research paper on one or two research topics related to the reading and findings.



NATURAL SCIENCES

Rebecca Black
Associate Professor of Organic Chemistry

Preferred contact:

Email: rblack@ncf.edu

Fall student office hours: M 11-15 am & 2-2:45 pm (Organic), Th 5-5:45 pm (Organic), Th 1-2 pm over Zoom (Organometallics); email me for an appointment to discuss ISP

Office: HNS E221A

Office phone: 941-487-4368

Areas of interest within discipline:

- Organic and Inorganic synthesis
- NMR spectroscopy for structure elucidation and kinetic studies
- Air- and moisture-free synthesis
- Transition-metal catalysis of organic reactions, i.e. Acceptorless dehydrogenation
- Organic transformations relevant to environmental and industrial concerns/processes
- Polymerization catalysis and material properties
- Reading articles from the current organic, inorganic, or organometallic literature

Areas of interest adjacent to discipline:

- Science education research
- Diversity in STEM (in the academy, STEM careers, etc.)
- Developing chemical literacy
- Scientific poetry

ISP Black Lab Research. We are in the first year of a two year American Chemical Society Petroleum Research Fund grant. ISP research in my lab will allow you to continue an on-going synthetic organic and organometallic chemistry project. New students in the lab will be mentored by more experienced lab members to learn advanced laboratory skills, including using air- and moisture-free Schlenk technique and a nitrogen atmosphere glovebox. Students will work closely with me and others in the lab to synthesize target intermediates toward our target bisphosphine ligands and transition metal complexes of these ligands. It is recommended that students have taken at least 1 semester of organic chemistry lab. Email rblack@ncf.edu directly if you are interested in learning more about this project.

Expectations for satisfactory progress and completion:

Student researchers will:

- Begin ISP work on January 3rd. *Complete all chemical/laboratory safety training before this date.
- Spend ~30 hours/week: searching for and reading relevant literature, preparing for experiments, performing/working up reactions, and being trained on research-grade laboratory instruments.
- Communicate progress thru an up-to-date lab notebook and weekly presentations.
- “Deliverables” (due Saturday Jan 29th, midnight) include: (i) a lab narrative of work performed, (ii) an experimental section (in ACS publication style), and (iii) a reflection on your ISP experience.

Burçin Bozkaya
Professor of Data Science
Director, Applied Data Science Masters Program

Preferred method to be contacted:

Email: bbozkaya@ncf.edu

Office: HNS E152

Areas of interest within the discipline:

- Big data analytics
- Behavioral analytics
- Consumer behavior
- Machine learning modeling
- Deep learning and deep neural networks
- Network modeling and graphs
- Spatio-temporal modeling and geographic information systems
- Discrete optimization
- Combined models with optimization and data science
- Data visualization and human-computer interaction
- Transportation modeling and route optimization
- Political science and electoral districting

Areas of interest outside the discipline:

- Technology and space
- Musical performance (guitar, flute, piano, singing)
- Long distance running and triathlon
- Hiking, traveling, skiing, biking, swimming and playing bridge

Expectations for satisfactory progress and completion of an ISP:

- One of these two technical skill sets as a prerequisite:
 - programming language (preferably Python or R), experience with data munging, familiarity with Machine Learning modeling concepts
 - optimization concepts and modeling, optimization software (CPLEX, Gurobi or alike), heuristic algorithm design and implementation (in C++, Java or other language)
- Be on time for meetings and submit deliverables on time
- Work at least 30 hours per week on the project
- Deliver a progress report (for projects 4 weeks or longer)
- Deliver a final “product” depending on the project (e.g. R/Python code or notebook, a web app, final written report and/or oral presentation)

Amy Clore
Professor of Biology

Preferred method to be contacted:

Phone: 487-4543

Office: HNS 125A

E-mail: clore@ncf.edu

- I wish to be contacted before the end of the Fall Semester about sponsoring an ISP.

Areas of interest within the discipline:

- Plant Cell Biology
- Plant Development
- Plant tropic responses
- The Cytoskeleton (plant and animal)
- Signal Transduction (plant and animal)
- Establishment of polarity in biological systems.
- Laboratory projects utilizing such techniques as microscopy, tissue preparation for microscopy, immunocytochemistry, tissue printing, protein and nucleic acid purification and blotting, PCR, and plant tissue culture.

Areas of interest outside the discipline:

- literature-based research/projects about the cell biology of human diseases.
- literature-based research/projects about stem cells
- Students may elect to expand upon a topic covered in one of my courses.

Expectations for satisfactory completion of an ISP:

- For laboratory projects: 30 hours per week of hands-on research, keeping of an up-to-date lab notebook, and a final 10-15-page lab report.
- For literature-based projects: short (1-2 page) weekly summaries along with a weekly meeting to discuss the readings *plus* a final 20-30 page review article with references that include scientific journal articles.

Donald Colladay
Professor of Physics

Preferred method to be contacted:

E-mail: colladay@ncf.edu

Office: HNS 202D

Areas of interest within discipline:

- **Graphical Computer Simulations:** These projects involve modeling physical systems on the computer. Examples of previously completed projects include a three-dimensional Hydrogen atom viewer, scattering of gaussian wave packets from potentials, and a lattice model of the Maxwell equations. Any of these can be expanded to include more general cases. The programs are currently written in C++ on the Macintosh. Other simulations that could be developed pertain to small modifications of conventional laws of physics that may be induced by an underlying theory at a high-energy scale. Some knowledge of electricity and magnetism or quantum mechanics as well as an interest in learning basic programming is necessary. **Spontaneous Breaking of Fundamental Symmetries for Photons:** Recently it has been proposed that small modifications to conventional physics equations may be induced by a more complete unified theory of nature. A model has been developed that incorporates these explicit modifications into Maxwell's equations. This project involves performing a study of the resulting modified dispersion relation for photons in the vacuum. The stability and causality properties of the photon propagation need to be worked out
- **Effects of Symmetry Breaking on Fermion and Boson gasses:** This is an ongoing project involving an analysis of gasses of particles under the influence of small perturbations induced by spontaneous symmetry breaking mentioned above. Some work has been done on fermions with some special cases of couplings. There are more terms to be analyzed and the bosons also need to be investigated. Some knowledge of statistical mechanics is required.
- **Other projects in Spontaneous Symmetry Breaking:** There is a wide range of theoretical projects that can be completed in this general area. Some more mathematical and some involving analysis of previous experiments. Come and speak to me if you are interested and we will talk about some projects that may suit your interests.
- **Lab experiments:** Students may complete a series of experiments (specifics to be discussed) using recently purchased equipment. These experiments involve measuring the force of gravity between two small masses, measuring the speed of light using a high-speed rotating mirror, and measuring magnetic forces due to currents in wires. All of these experiments involve significantly more effort than the introductory physics laboratory but do not require expertise beyond physics 1 and 2. They are great for students who want to spend a significant amount of time on a few more detailed experiments.

Expectations for satisfactory completion of an ISP:

- I like to meet at least once per week for an hour.
- The student should keep a notebook of calculations and ideas.
- For a computer project, a final running program that includes the essential elements of the simulation should be completed.
- For a theoretical project, a final summary of results in a report is required.

Melissa Crow
Instructor of Statistics

Preferred Contact:

Email: mcrow@ncf.edu

Areas of interest within discipline:

- Data visualization
- Time series analysis
- R/RStudio
- Applied statistical analysis

Areas of interest outside of discipline:

- Statistics education
- Science education
- Applied statistics projects in other disciplines

Expectations for satisfactory completion of an ISP:

- Estimated work: around 30 hours per week for weeks 1-3; the final week is generally spent on a capstone project or paper.
- Students will:
 - Plan to meet with me at least a couple times per week. This typically includes a check in at the start of the week to discuss goals and a tentative schedule for the week, as well as a mid-week or end-of-week check in to go over progress and troubleshoot any issues.
 - Keep a written record summarizing readings, lessons, and work completed each week.
 - Produce a written report and/or an oral presentation of results; written reports should typically be created using R Markdown and should include all R code necessary for reproducing the analysis.

Tiffany M. Doan (she/her)
Instructor of Biology

Preferred method to be contacted:

Email: tdoan@ncf.edu

Office: HNS E257

Fall 2021 Campus Office Hours: Monday 2:00-4:00 pm

Fall 2021 Zoom Office Hours: Thursday 12:30-1:30 pm

Zoom for office hours:

<https://ncf.zoom.us/j/93372257115?pwd=RG5HVdVYM0lKaFlyWGpBYzhZRk1vZz09>

Areas of interest within discipline:

- Evolution
- Ecology
- Herpetology
- Evolutionary Medicine
- Disease Ecology
- Taxonomy (classification of organisms)
- Biogeography
- Tropical Biology
- Animal Behavior
- Population Genetics
- Analysis of long-term herpetological data

Areas of interest outside of discipline:

- Public outreach about evolution
- Public outreach about herpetology
- Public outreach about disease transmission

Preliminary requirements:

Students must meet with me during the fall semester to begin planning a successful ISP.

Expectations for satisfactory progress and completion of an ISP:

I expect students to work 30 hours per week for the first 3 weeks on their projects. The final week should be spent finishing analyses, finalizing the work, and finishing the project edits, etc. I will not accept late ISPs. We will agree on due dates for both weekly work (e. g. response papers, short essays, lab notebook entries) and the final project (final papers, laboratory reports, etc.) before January. I will meet with students weekly in person or on Zoom. ISPs may be research-based in the field and lab (on or off campus), using previously-collected data, or reading/research projects. It is also possible to conduct an internship at a local conservation organization. Proper planning and time management are essential for the completion of a successful ISP.

Caitrin Eaton [she/her]
Assistant Professor of Computer Science

Preferred contact: Email: ceaton@ncf.edu; Office: HNS 207

Areas of interest within discipline:

- Robotics: functional morphology, control, physics-based simulation, & physical prototyping
- Computational physiology
- Embedded systems
- Machine learning

Areas of interest outside of discipline:

- K-12 STEM outreach
- Kinetic sculpture / Chindogu / Strandbeests

Actively recruiting for research projects:

- Optimizing humanoid limb morphologies with machine learning & physics-based simulation in Python
- Constructing physical prototypes of optimized limb morphologies that incorporate synthetic tendons
- Measuring the performance of physical prototypes using embedded C++, computer vision, & Python

Preliminary requirements: Independent project proposals must be submitted, revised, and approved before the deadline for ISP registration. A good guideline is to submit your first draft 2 weeks before you plan to register for the ISP. This short, to-the-point proposal must include:

- a 1-page cover letter
 - the big-picture question you wish to answer by completing your ISP,
 - what specifically you plan to do in order to answer your question,
 - a metric for evaluating the success of your completed project,
 - a brief summary of any prior experience that has set you up to complete this project,
- a complete parts list with itemized budget,
- a detailed project calendar, including target milestones as well as what time you plan to be in the lab every day (if applicable), and
- a list of references that will inform your work, e.g. coursework, scientific literature, or datasheets.

Want help brainstorming an ISP topic? Let's chat! **Requirements for satisfactory completion of an ISP:**

- Plan for at least 30 productive hours per week. Note that this is a lower bound. ISPs involving hardware, in particular, are full-time commitments.
- Ask questions every day. If you have questions that you're not asking, you're not on track to "sat." Not having any questions at all is even scarier. If you are convinced that I have that backwards, this is not the ISP you're looking for.
- To work with hardware (e.g. robots), you'll need to be on campus and in the lab, every business day.
- Daily progress updates must be posted to Slack every business day, creating a timeline of your methods and results.
- Your final written report can take the form of a git readme, IEEE-style conference paper, or an Instructable, as appropriate for your project.
- Results must be verified during a technical demonstration, during which I will do my best to fool your robot or crash your program.

Kristopher Fennie
Assistant Professor of Epidemiology

Preferred method to be contacted:

Phone: 487-4224

Office: HNS 123B

E-mail: kfennie@ncf.edu

- I request students interested in an ISP contact me by fall semester's end.

Areas of interest within the discipline:

- Epidemiologic methodology/causality
- Infectious disease epidemiology
- Global health
- Social determinants of health
- HIV/AIDS
- Transgender healthcare (namely access to health care)
- Health care in China

Areas of interest outside of the discipline.

- SAS programming and analysis
- Patient-provider trust
- Demography
- Medical entomology
- Public health
- Questionnaire design

Expectations for satisfactory completion of an ISP:

Students should be engaged and truly interested in the project for an ISP. Requirements for a satisfactory completion of an ISP will depend on the specific project. Most ISPs would be literature-based projects, and would require weekly meetings (virtual is acceptable), a weekly progress report, and a final paper (eg a systematic review) or report (summary of the work done). Expectations for ISPs in the field would be discussed prior to acceptance, and dependent on scope of field work.

Jayne Gardiner
Associate Professor of Biology
Director, Pritzker Marine Biology Research Center

Preferred contact:

Email: jgardiner@ncf.edu

Office: HNS 118A

Areas of interest within discipline:

- Sensory biology (vision, olfaction, hearing, electroreception, taste, the lateral line system)
- Behavior
- Fish and elasmobranchs (sharks, skates, rays)
- Functional morphology
- Feeding behavior
- Social behaviors
- Natal homing
- Learning and memory
- Effects of pollution and disease on sensory systems
- Aquarium science
- Elasmobranch husbandry
- Feeding performance in aquacultured fishes
-

Areas of interest outside of discipline:

- Science education and outreach

Preliminary requirements:

Students should meet with me during the fall semester to discuss project ideas. Projects involving the use of live fish will require IACUC approval. I am happy to help with this process, but it requires that a protocol be submitted NO LATER THAN the end of November. Please contact me as early as possible. I am reluctant to sponsor research ISPs for students who have not taken a class with me.

Expectations for satisfactory progress and completion of an ISP:

I expect students to spend at least 30-40 hours per week on their project. Students will meet with me weekly (in person or via online chat) to discuss the progress of the project. ISPs may be lab or field research-based (on or off campus), experiential (such as an off-campus internship), or literature research-based. Most will require the submission of a final research paper (format to be discussed and agreed upon). Other product formats could include a detailed lab or field notebook, blog, final presentation, etc. Papers or other final products must be completed on time and submitted at the completion of the ISP; late submissions will not be accepted.

Sandra Gilchrist
Professor of Biology & Marine Science
Chair, Natural Sciences Division

Students can e-mail, gilchrist@ncf.edu or call, 487-4598

Office: Heiser E171, <http://www.ncf.edu/gilchrist/>

Students generally contact me through classes. I am reluctant to sponsor any ISP for a student who has not been in a class with me. Students can find topics below. For questions students should contact me by email. DO NOT WAIT UNTIL THE LAST MOMENT AS MY ISP SLOTS FILL QUICKLY.

Areas of interest within discipline:

- Ecology of coral reef organisms.
- *Drosophila* genetics.
- Crustacean biology.
- Service learning at places like March of Dimes, local schools.
- Ecology of Hermit crabs and their predators/resource allocation
- Cloning corals.
 - Women and science
 - Animal wellness and betterment
 - The science of racism.
 - Science of science fiction.
 - Seagrass ecology.
 - Mangrove ecology
 - Aquaculture of invertebrates

Areas of interest outside of discipline:

- Science Education

Expectations for satisfactory completion of an ISP:

- Students are expected to spend about 30 hours a week directly engaged in ISP activities. Common formats for the ISPs are field/lab notebooks, photo journals with essays, presentation to a student group, eportfolios, and annotated bibliographies.
- Many of the ISPs are experiential; thus the evaluation tools are reflective of this.
- Students generally meet with me once a week (for 1st and 2nd year students) and once every other week for more advanced students. Meetings can be via e-mail or online chat.
- Students who go to Honduras with the reef program must keep a lab/field notebook, learn underwater photography and scientific technique, learn field safety, and demonstrate understanding of data processing. Data and experiences from Honduras can be used as a basis for a January ISP. However, the expectation is that the student put in at least 30 hours a week during January on the project.

David Gillman
Associate Professor of Computational Science

Preferred Method to be contacted:

E-mail: dgillman@ncf.edu

Office: ACE307

Please contact me as early as possible, definitely by the beginning of December.

Areas of interest within discipline:

- networks
- civic innovation
- machine learning
- image processing
- clinical informatics
- complexity
- randomness

Areas of interest outside of discipline:

- technology and society
- probabilistic method
- singing: traditional world music, jazz, and early music
- ultimate frisbee

Expectations for satisfactory completion of an ISP:

- Expectations depend on nature of project
- Regular progress reports or meetings

Fahmida Hamid [she/her]
Assistant Professor of Computer Science

Preferred method to be contacted:

Email: fhamid@ncf.edu

Fall Office Hours: Wednesday (12:10 pm ~ 1:50 pm) and Thursday (3:45 pm ~ 5:25 pm) , also by appointment
Office - HNS 153 E

Areas of interests within discipline:

- Natural Language Processing
- Information Retrieval
- Recommender Systems
- Machine Translation
- Semantic Role Modeling in Bengali Language

Areas of interests outside discipline:

- Computer Science Education

Expectations for Satisfactory Completion of an ISP:

- Plan for at least 20 productive hours per week.
- Plan for a team/group work.
- Plan for self-teaching new languages based on the requirements
- Present the work completed in the CS seminar or Feminist Friday or any other seminar that NCF organizes. This can be done after the ISP has been completed during the Spring semester

Rebekah Jones

Visiting Assistant Professor of Mathematics

Preferred method to be contacted:

E-mail: ryjones@ncf.edu

Office hours: Mon/Fri 11:00am-12:00pm, Tues 2:30-5:00pm or by appt.

Office: HNS 110

Areas of interest within discipline:

- Projective geometry
- Complex, hyperbolic or spherical geometry
- Covering/packing theorems
- Minimal surfaces
- Brownian motion
- Measure theory
- Computing modulus of curve families
- Isoperimetric inequalities
- Sets of finite perimeter
- Fractals
- Metric spaces (e.g. investigating properties of certain metric spaces. I can provide examples)

Expectations for satisfactory completion of an ISP:

Expectations are dependent on the project but would include:

- Meeting at least once per week
- Some sort of final product (e.g. an oral presentation, a poster/written report)

Chris Kottke
Associate Professor of Mathematics

E-mail: ckottke@ncf.edu

Office: HNS104

Please contact me as early as possible, no later than December

Areas of interest within discipline:

- Analysis
- Geometry
- Topology

Areas of interest outside of discipline:

- Jazz improvisation/composition
- Cooking
- Sport climbing/Bouldering

Expectations for satisfactory completion of an ISP:

- Expectations depend on nature of project
- Regular progress reports or meetings

Elizabeth Leininger
Associate Professor of Neurobiology

Preferred contact:

Email: eleininger@ncf.edu

Fall Office hours: by appointment [at this link](#)

Office: HNS E252

Please contact me before Thanksgiving to discuss ISP possibilities. We should meet at least once in person or by Zoom to discuss your ideas.

Areas of interest within discipline:

- Animal Behavior
- Neurobiology / Neuroscience
- Neuroethology
- Animal Physiology
- Vocal communication
- Social behaviors

Areas of interest adjacent to discipline:

- Science education research
- Diversity in STEM
- Interface between (neuro)science and gender studies
- Birds and birding

Examples of projects: I welcome anyone who is interested in neurobiology, animal physiology, or animal behavior to discuss possible projects that are mutually interesting. I have mentored a variety of projects in my research lab as well as outside the scope of my lab. Over the past three years, I have mentored over 15 ISP students in projects directly related to my research on *Xenopus* frog vocal communication; students have worked alone or in pairs to design and complete an experiment that tests a specific research question. ISP projects of this kind can easily be continued as research tutorials and/or thesis research projects down the line.

Note: Research with vertebrate animals such as frogs requires advance planning. Due to the challenges of the pandemic, any student wanting to work in the lab should participate in ongoing projects that already have IACUC approval. Feel free to chat with me about available projects!

Expectations for satisfactory progress and completion:

Throughout ISP, students are expected to work full time (30 - 40 hours / week) on their project. For lab research, tasks may include engaging with background reading and planning, providing animal care in collaboration with other ISP students (if working with animals), collecting and analyzing data, and attending individual and/or group ISP meetings at least once per week. Students are also expected to communicate their progress and findings through ISP by keeping a detailed lab notebook, giving brief oral updates and a final oral presentation to the ISP group, and writing a final paper or section of a paper (e.g. methods and results) in the style of a scientific manuscript.

Matthew Lepinski
Associate Professor of Computer Science

Preferred Method of Contact:

Email: mlepinski@ncf.edu

Office: HSN E-155

Areas of Interest within the Discipline:

- Computer Networks and the Internet
- Cryptography and Computer Security
- Randomness and Pseudo-randomness
- Functional Programming
- Games Development
- Mathematical Foundations of Computer Science -- Particularly, Computational Complexity
- Artificial Intelligence -- Particularly, Machine Game-Playing
- Analysis of Data -- Particularly, use of Distributed Algorithms to handle large datasets

Areas of Interest outside the Discipline:

- Political, Social, or Economic impact of the Internet
- Technology adoption, or the evolution of technology
- Game Theory -- Particularly Auctions and Economic Mechanisms

Expectations for Satisfactory Completion of an ISP:

- Depends on the nature of the ISP.
- Typically, weekly progress reports and/or meetings with a research paper or computer/software system at the end of the ISP.
- Typically, a brief reflection paper is required. In this paper, the student provides thoughts on what went well during the ISP, what didn't, and what the student learned from the experience.

Brad Oberle
Associate Professor of Biology

Preferred contact:

Email: boberle@ncf.edu

Office: HNS 110

- I wish to be contacted before Thanksgiving about sponsoring an ISP.

Areas of interest within discipline:

- Botany (including mycology and ethnobotany)
- Forestry (including forest dynamics and dendrochronology)
- Plant ecological physiology
- Population genetics
- Comparative methods in evolution
- Microbial ecology
- Ecosystem ecology
- Global change biology
- Bayesian statistical inference

Areas of interest outside of discipline:

- Science education research
- Environmental policy
- Botanical illustration

Examples of projects:

Computer-based: Evaluate how species have/will respond to climate change and sea level rise by applying statistical models to collection data and museum specimens. *Lab-based:* Investigate how fungi and bacteria interact to release carbon dioxide from plant litter in a microcosm experiment. *Field-based:* Inventory plant species along an ecological gradient at a local natural area in coordination with managers. *Off-campus:* Conduct an internship at a local environmental organization or contribute to ongoing research at a local botanical institution.

Expectations for satisfactory progress and completion:

Students will provide weekly progress reports in person or via skype. Each progress report will include the objectives accomplished, data collected, problems encountered and proposed course of action for the upcoming week. Satisfactory projects must document all research methods used, including data sources and analysis code in a backed-up digital format. Most projects will involve a written summary of outcomes that is due by the end of Mod I Spring Semester.

Levente Pap
Visiting Assistant Professor of Chemistry

Preferred method to be contacted:

E-mail: lpap@ncf.edu

Fall Office hours: Thursday 10-11 am and 2 - 4 pm

Office: HNS 210A

Areas of interest within discipline:

- Detector development and molecular sensory system design
- Brevetoxin detection
- Toxic material detection and detector design
- Separation science, inorganic chemistry, and material science laboratory research projects for students at all levels.

Examples of projects:

- Detection of brevetoxins at low concentrations
- New robotic and screening system engineering and development.
- Coupling chromatographic systems with novel spectroscopic devices.
- Nanoparticle synthesis for Surface Enhanced Raman Scattering (SERS).

Areas of interest outside of discipline:

- Library research: subjects and topics related to chemical sensing and detections.
- Library research: subjects and topics related to toxic materials.

Expectations for satisfactory completion of an ISP:

- **For lab work:** work in the lab at least 30 hours per week, prepare a lab notebook, and write a five- to ten-page formal lab report or prepare a scientific poster describing the research project.
- **Library Research:** ten-page research paper with references that include peer-reviewed scientific journal articles.

Tiago Perez
Assistant Professor of Data Science

Preferred method to be contacted:

E-mail: tperez@ncf.edu

Office: PMD 210

Sponsoring a Group ISP, “**Data Science in a Nutshell (and Why It could be a Game-Changer For You)**”, which will give you an intensive journey and hands-on learning into the roles, ethical implications, tools, algorithms and frameworks used by data scientists, a highly sought after professional in the modern world.

Areas of interest:

- Data Science
- Big Data
- Cloud Computing
- Computer Security
- Amenable to almost all fields in Computer Science

Expectations for satisfactory completion of an ISP:

- All ISPs will include intensive reading, workshop and hands-on approach.
- Students are expected to turn in a final assessment/essay on their learning in this ISP, addressing concepts, new knowledge and skills they have acquired

Eirini Poimenidou
Professor of Mathematics

Preferred method to be contacted:

E-mail: poimenidou@ncf.edu

Office: HNS 107

Areas of interest within discipline:

- The Mathematics of Computerized Tomography
- Public Key Cryptography
- Galois Theory (advanced)
- Symmetry, Rigid Motions and Patterns
- Perceived Depth Images (PDI)
- Recurrence Relations with Applications
- Mathematica, A Practical Approach
- Finite Simple Groups, A History (advanced)
- Theorems Like Sylow's (advanced)
- Algebraic Number Theory (advanced)
- Palindromic Numbers
- Euclidean Geometry
- Olympic Problems
- Putnam Problems
- Women in Mathematics, A History.
- Character Theory (advanced)
- Ethnomathematics
- How to Read and Do Proofs, Book by Daniel Solow
- The Mathematics of Juggling
- Mathematics and Art
- Develop a series of exploratory mathematics labs for high school or first-year students.
- Graph Theory
- Problem Solving Strategies
- Applied Abstract Algebra
- Polyominoes
- Taxicab Geometry

Areas of interest outside of discipline:

- Origami
- Quilt Designs and Quilting
- Mathematical Stained Glass

Expectations for satisfactory completion of an ISP:

- The frequency of meetings depends on the project and the level of interactions needed for its completion.
- I meet at least three times with the students and usually more often than that.
- I require that most of my ISPs have a final project that has a writing component and usually a poster, if applicable. I do not usually accept ISPs that I have no expertise or experience to evaluate.
- I also require that every ISP has obvious academic merit as opposed to a "life lesson."
- I do not consider journal-writing a good independent study project.

Tania Roy

Assistant Professor of Human Centered Computing

Preferred method to be contacted:

Email : troy@ncf.edu

Fall Office Hours:

Tuesday 2:00 - 4:00 PM

Also by appointment

Office - HNS 157 E

Areas of interests within discipline:

- Human Computer Interaction
- Virtual Reality
- Augmented Reality
- 2D Game Development
- Mental Health Awareness
- User-interface design and evaluation
- Mobile phone app design and development
- Applied machine learning for socially relevant issues
- Privacy and security
- Ethics in STEM

Areas of interests outside discipline:

- Gender and racial diversity issues in recruiting and retaining students in computer science
- Interpersonal violence prevention and the role of technology
- Bengalis - The language (**বাংলা**), literature (Tagore), movies(Satyajit Ray) and the people.
- BTS - The music, impact and society

Expectations for Satisfactory Completion of an ISP:

- Depends on the nature of the ISP
- If the ISP involves work related to human subjects (most of my research interests do) the student needs to complete the CITI training and talk to me about the research plan before November 1st so we can submit the IRB application prior to the November deadline.
- Typically, weekly progress reports and/or meetings with a research paper or computer/software system at the end of the ISP
- Present the work completed in the CS seminar or Feminist Friday or any other seminar that NCF organizes. This can be done after the ISP has been completed during the Spring semester

George Ruppeiner
Professor of Physics

Preferred method to be contacted: E-mail: ruppeiner@ncf.edu; Office: HNS 202A
Generally, I prefer to have had a student in a class before working with him/her.

Areas of interest within discipline:

- Numerical Solutions of Equations: Often in science and mathematics, equations are encountered which cannot be solved in closed form. When this happens in the classroom the instructor generally says, "this equation can in principle be solved numerically" but does not do it. An ISP on this topic would take a number of such equations and actually solve them by numerical techniques. You might do numerical solutions to transcendental equations, solutions of differential or partial differential equations, numerical integration, or fitting data to functions. Prerequisite: some working knowledge of computers and some background in an area of science.
- Thermodynamics: Because of the structure of Physics I and II, this important subject usually gets short shrift in the Physics program. This ISP would allow you intense study of thermodynamics. Study the first and second laws of thermodynamics, which contain energy conservation and the rule that entropy must increase, respectively (roughly speaking, the first says that you cannot get something for nothing, and the second says you cannot even break even!).
- Cellular Automata: Study some of the basics of physical problems, which do not lend themselves to representation by differential equations. For example, the growth of a snowflake. The idea is to make up simple rules for the behavior of system constituents and then apply these rules many times with a computer. Unexpectedly simple patterns emerge which bear little resemblance to the original basic rules. Some think that Life may be modeled by cellular automata!
- The Solution of Computationally Intractable Problems by Simulated Annealing: There are some computer problems which do not allow for an exact solution in any reasonable computation time. Examples are graph partitioning, the traveling salesman problem, and the bin-packing problem. The alternative is instead to find very good solutions. A method of doing this is called simulated annealing, discovered in 1983 by researchers at IBM. Implement this algorithm on some problem of interest.
- Measuring the speed of light: This project combines library research with actual laboratory measurements. You will repeat Foucault's famous direct measurement of the speed of light. His experiment is based on the principle that light reflected from a rotating mirror suffers a delay returning to the rotating mirror on being reflected from a distant, fixed mirror. Despite the fact that light travels at a speed which would allow it to circle the equator seven times in a second, this delay is measurable. Supplementing the experiment will be a library research project to investigate the history of the measurements of the speed of light and present continuing efforts to better determine its value.
- Astronomical CCD photography with a 5" Meade reflecting telescope: Learn to use a computer-controlled top of the line amateur Meade telescope. Learn to take CCD (Charge Coupled Device) photographs with a computer and process the results. This ISP would require a notebook laying out your learning progress, a set of photographs you have taken to demonstrate your competence, and a paper summarizing the basics of CCD photography. A small research project in astronomy, such as the measurement of the rotation period of a planet, or the light curve of a variable star would also be welcome.

Expectations for satisfactory completion of an ISP:

- I like to meet at least once per week, an hour.
- I call for a notebook of problem solutions, or a final paper.
- In laboratory projects, I call for a laboratory notebook with results and a final lab report.
- On signing up for ISPs, I pay great attention to the bibliography, so come ready with some good sources.

Tyrone Ryba
Associate Professor of Bioinformatics

Preferred method to be contacted:

E-mail: tryba@ncf.edu
Phone: 487-4228
Office: HNS 102

Areas of interest within discipline:

Applied computational approaches to study:

- Large-scale epigenetic regulation
- Regulation of gene expression and transcriptional networks
- Relationships between genome structure and functional output
- Replication timing, regulation in development and disease
- General cancer / leukemia biology
- Lung biology / epidemiology

Expectations for satisfactory completion of an ISP:

These will be specific to each student and project. For a literature-based project, I generally expect a final report of around 20-30 pages, with thorough references from primary sources. For projects that involve programming, source code and a functioning script or program will be expected, along with an associated short report on the project. I prefer to meet weekly, though updates by email or other means are okay if a project is remote.

**Preferred method to be
contacted:**

E-mail: sendova@ncf.edu

Office: HNS 202B

- When signing up for the ISP, come with a short written statement of your main interest and area of study, which may include some bibliography.
- Further on I can assist you in finding literature and articles related to your project at your level.

Areas of interest within discipline:

- **Optics:** Optics constitutes one of the most important areas of physics. Indeed, advances in Optics have led the way in a revolution in the communications and computer industries. You can study particular phenomenon in the area of geometrical or physical optics. You can become acquainted with various areas of Optics, which usually are not discussed in Physics II or Optics courses in the Physics program. This ISP would allow you intense study of areas such as nonlinear optics, Fourier optics, holography, science of color, optics in nature, optics and vision, and fiber optics. You can study optical properties of various amorphous or crystalline materials as well.
- **Lasers:** The laser is now found not only in the research laboratory but in automobile factory, in the hospital, on the construction site, and even in the supermarket. A great need exists for everybody to have a broader familiarity with this recent addition to today's technology. Presently a gap exists between the brief reviews of lasers provided in modern physical optics texts and the thorough, graduate-level texts on lasers and quantum electronics. An ISP project in the area of basic laser principles may fill this gap. You may study different phenomena and techniques for generating extremely short pulses B with a duration of a few femtoseconds (10^{-12} s).
- **Laser applications:** If you are interested in a specific area of laser application, such as lasers in ophthalmology, dermatology, or in surgery in general, or dynamic phototherapy (DPT) for cancer treatment, or lasers in communications, microelectronics, spectroscopy, holography, satellite ranging, fusion. Even in art restoration, this ISP project will allow you to acquire deeper understanding in the physical principles and specifics of the chosen from your laser application.
- **Thin films:** Thin solid films on solid substrates are widely used in many areas of modern technology, such as protective coatings, sensors, membranes, microelectronic devices. The physical properties of the thin films are different from the physical properties of the bulk material. This ISP can introduce you to the variety of methods for thin film deposition, thin film characterization, and some main concepts in studying their structural, electrical and optical properties.

Expectations for satisfactory completion of an ISP:

- I like to meet at least once per week, for an hour.
- I require a notebook of problem solutions or idea development, or a final paper describing the most important concepts of your study project.

Steven Shipman
Professor of Physical Chemistry

Preferred method to be contacted:

E-mail: shipman@ncf.edu

Fall Office Hours:

Tuesdays: 10:30 am - noon

Wednesdays: 2 - 3:30 pm

Also by appointment (email to schedule)

Office: HNS 211A

Areas of interest within discipline:

- Molecular spectroscopy of all types
- Astrochemistry – Radio astronomy, Dust grain chemistry, Interstellar chemistry
- Computational chemistry
- Design and construction of experimental equipment
- Numerical simulations of physical systems and scientific programming
- Green chemistry / environmental chemistry
- Molecular devices

Areas of interest outside of discipline:

- Gender, class, race, and sexuality in science
- Liberatory education / Radical and critical pedagogy
- Social reproduction theory
- Police brutality and mass incarceration, the school-to-prison pipeline
- Science and the media
- Public policy implications of science
- “Big Data” and the Panopticon

Expectations for satisfactory completion of an ISP:

I usually expect 40 hours of work per week, including time spent in the library. Progress made during the ISP should be documented in a notebook, and I also require a final paper and short presentation summarizing the ISP. (Fully commented source code is required for programming projects.) Meetings will be held at least once per week.

Andrey Skripnikov
Assistant Professor of Statistics

Preferred contact: Email: askripnikov@ncf.edu

Students interested in an ISP please contact me no later than week 12 of Fall term.

Areas of interest within or adjacent to discipline:

- Statistical Modeling (Linear Models, Logistic Regression, Categorical Data, etc)
- Time Series Analysis
- Design of Experiments
- Machine Learning (Random Forests, Neural Networks, Support Vector Machines, Clustering)
- High-Dimensional Data
- R Statistical Software
- Web Scraping, Data Wrangling

Areas of interest outside the discipline:

- Sports (American football, basketball, tennis, soccer)

Examples of projects: This is Dr. Skripnikov's first year at New College. For the 2019 ISP period, he is interested in sponsoring students who are willing to work on data sets of their own interest, trying to answer posed research questions via applying a variety of statistical, machine learning and data wrangling techniques. Students might have the data already identified and collected (typically in a form of data files), or at least know their general application of interest so that they could either proceed to scrape it from the web, or potentially find appropriate "pre-cooked" data sets from websites like Kaggle.com, among others. He will also consider ISPs involving reading/literature surveys for a subfield topic of data science or statistics. Proper planning and time management are essential for the completion of a successful ISP.

Note: students interested in an ISP with Dr. Skripnikov should contact him no later than week 12 of Fall term to discuss project options. Students will need to write a research proposal, including their research questions of interest, intended data sources, and expected workflow of conducting the analysis, all of which should be submitted by the starting date of ISP.

Expectations for satisfactory progress and completion:

Throughout ISP, students are expected to work 30 hours/week on their project, including such tasks as performing background reading and planning, getting trained on using appropriate software, familiarizing themselves with various methodologies of dealing with data, and attending individual and/or group ISP meetings. Students are expected to communicate their progress and findings throughout ISP by providing weekly written progress reports (and a final summary report), in addition to meeting with Dr. Skripnikov at least once per week (in person or virtual). For projects that involve programming (which would be most of them), source code and a functioning script or program will be expected as well.

Katherine M. Walstrom
Associate Professor of Biochemistry

Preferred method to be contacted:

E-mail: walstrom@ncf.edu

Fall Office Hours: Mon. 10:00-11:30am and Tue. 2:30-4:00pm or by appt.

Office: HNS E220

Areas of interest within discipline:

Biochemistry laboratory research projects for all levels of students. Examples of projects: subcloning, protein purification, enzyme assays, collecting and identifying wild nematode species.

Areas of interest outside of discipline:

- Observation of doctors in hospitals or emergency rooms.
- Library research about subjects related to biochemistry or human diseases

Expectations for satisfactory completion of an ISP:

- **For lab work:** work in the lab at least 30 hours per week, prepare a lab notebook, and write a five- to ten-page formal lab report or prepare a scientific poster describing the research project.
- **For doctor observation:** work with the doctor at least 20 hours per week, keep a daily journal, write a two-page self-reflective essay about how the experience impacted your future professional plans, and write a five page research paper about a medical condition (with appropriate references cited).
- **Research in library:** weekly meetings to discuss topic and writing progress, ten-page research paper with references that include peer-reviewed scientific journal articles

Necmettin Yildirim
Professor of Mathematics

Preferred method to be contacted:

Office: HNS 109

E-mail: nyildirim@ncf.edu

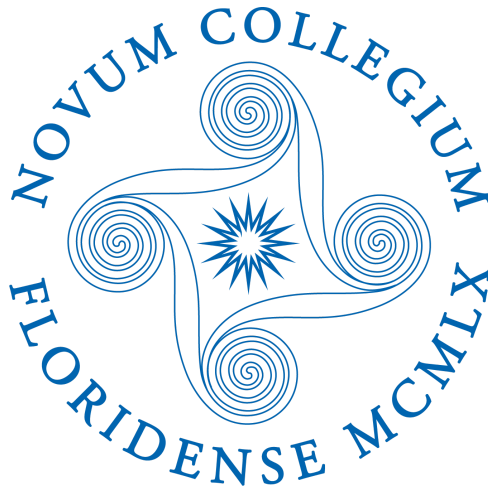
Areas of interest within discipline:

- ☐ Dynamical Systems
- ☐ Difference and Differential Equations
- ☐ Applied Linear Algebra
- ☐ Computer Algebra and Symbolic Computation
- ☐ Stochastic Simulation
- ☐ Mathematical Biology
- ☐ Population Dynamics
- ☐ Systems Biology
- ☐ Enzyme Kinetics
- ☐ Gene Regulation
- ☐ Cellular Signal Transduction
- ☐ Cellular Automata and Pattern Formation

Expectations for satisfactory completion of an ISP:

This may change depending upon the project but, in general, I would expect:

- ☐ To meet weekly (at least once a week). Students are expected to spend about 25-30 hours a week directly engaged in ISP activities.
- ☐ For a computer project, to submit a final running program and printout for the code.
- ☐ For a theoretical project, to submit a final summary of results in a report.



Social Sciences

Frank Alcock

Professor of Political Science & Environmental Studies

Preferred method to be contacted:

E-mail: falcock@ncf.edu

Phone: 487-4483

Office: CHL 126

Areas of interest within discipline:

- Global Environmental Politics

Areas of interest outside the discipline:

- Marine Policy

Expectations for satisfactory completion of an ISP:

- Preference will be given to ISPs that contribute to and/or draw from research projects I am working on independently and/or through the Mote Marine Policy Institute. ISPs that involve internships with external organizations are encouraged. All ISPs will involve some reading and writing.
- Meeting with me prior to submitting an ISP plan is recommended. The earlier students make contact with me the better their chances for me agreeing to sponsor their ISP. ISP plans should focus on specific research questions and/or topical areas of literature. ISP plans should include a tentative bibliography and timeline for work products. I will make a final decision on sponsoring ISPs after reading the ISP plan and, if necessary, reviewing it with students. Preference will be given to students who have performed well in my classes and/or have a prior record of strong performance in ISP projects.
- I reserve the right to decline any ISP sponsorship requests that are made after the December 1 deadline, and I am unlikely to sponsor ISPs for students who have not spoken to me about their projects prior to Thanksgiving break.

Uzi Baram

Professor of Anthropology
Director, New College Public Archaeology Lab

Preferred method to be contacted:

Email: Baram@ncf.edu

Office: CHL 205

Areas of interest within discipline:

- Archaeological and Historic Preservation Projects
- Readings in Cultural Anthropology
- Visual Anthropology Projects
- Material Culture Studies
- Ethnographic Projects
- Museum Internships and Exhibit Development

Areas of interest outside of discipline:

- Rising Sea Levels and their Implications
- Heritage Studies - Theory and Practice
- Race and Ethnicity, Coexistence and Cosmopolitanism
- Middle East Studies
- Israel/Palestine Studies
- Native American Studies, particularly relating to the Native Peoples of Florida
- Travel-related Projects

Expectations for satisfactory completion of an ISP:

Varies to fit the goals of the project. Similarly, the frequency of regular meetings over January depends on the project.

Michelle Barton
Associate Professor of Psychology

Preferred method to be contacted:

E-mail: mbarton@ncf.edu

Office: BON 006

Phone: 487-4382

If you are not coming in person, then start with an email. However you **MUST** follow up with visit before I agree to sponsor your project. Office Hours are Tuesdays, 3-5pm (in-person), Wednesday afternoons online (by appointment only - email to get a time and a link), or by appointment for either in person or online meetings.

Areas of interest within discipline:

- Developmental psychology, especially infancy–adolescence, but adult development and aging are fine too.
- I will entertain topics related to developmental psychology, such as education, motivation, expertise, informal learning, learning/motivation/skill building in nonacademic contexts (eg, sports, arts, chess, etc).

Library research projects:

- These are doable, but harder than you may think, because I still expect a full 40 hours/week for 4 weeks. These are best combined with some sort of internship/volunteer experience or empirical (mini) project (see below). But, if you are willing to commit to the full-time expectation, then a pure library research project can be done without the added practical component.

Internship projects:

- Academic projects stemming from internships or volunteer experiences relating to developmental psychology are an excellent choice for an ISP. (Note: This usually must include some academic reading, writing, and/or oral presentation component beyond the work of the internship -- in other words, I have to have something to see and evaluate that represents your goals and learning through the internship experience.)

Empirical projects:

These may include, but are not limited to:

- Data analysis of public archival data on topics listed above.
- Content analyses of various public media related to topics listed above (e.g., children's lit, TV, ads, etc.).

(NOTE: I will not sponsor empirical projects involving child participants unless they have prior approval from the New College Institutional Review Board for Research with Human Subjects. This requires much advanced planning of the project, but can be done under certain circumstances.)

Areas of interest outside of discipline:

- Educational topics (particularly if related to cognitive development –see above.)

Expectations for satisfactory completion of an ISP:

- Weekly meetings to go over plans and progress, including first week (or weekly emails, if you are off campus for the ISP).
- Plans are in place for work to be accomplished in week one (this must be agreed upon when I sign off on the ISP form so you are ready to go from the start of ISP), and then plans are laid out for the other 3 weeks.
- Work is steady throughout the ISP period: project represents a full four-week effort.
- Final product includes written work; the form of that written work is flexible (additional oral presentations are possible, as are other types of creative products).

Carrie Benes
Professor of History

Preferred method to be contacted:

E-mail: benes@ncf.edu

Office: ACE 106

Areas of interest within discipline:

- Medieval and Renaissance Europe, especially Italy; intellectual and cultural history.
- The history of libraries, manuscripts, book history, and paleography; also archival principles and practice.
- Medieval Latin and Italian literature, especially that of the fourteenth century: Dante Alighieri, Petrarch, Boccaccio, and their contemporaries.
- Urban history (antiquity to the eighteenth century).
- The Italian Renaissance.
- Reception history and theory, for example Mussolini's revival of Augustan Rome, or the role of Euclid in medieval science.
- Medievalism: projects about how the Middle Ages are portrayed and used in pop culture or contemporary political discourse.
- I am especially interested in projects dealing with foundation legends and mythical origins, irrespective of period.

Areas of interest outside of discipline:

- I am also willing to sponsor projects on the politics and/or socio-economics of premodern Europe; premodern technology; or medieval and Renaissance women's history.
- I am happy to entertain proposals related to the digital humanities, or projects using modern digital technologies (for example, Google analytics, statistical analysis, or GIS) to improve our analysis of premodern historical sources.
- My interests in book history extend also to the history of graphic design, typography, calligraphy, and font design; projects on these topics might include both academic and practical/studio components.
- I am very much in favor of students' broadening their horizons with foreign travel or study abroad, and encourage projects with an overseas-travel component.

Expectations for satisfactory completion of an ISP:

Research paper or project, or a series of small papers submitted throughout January. I do not generally allow ISP projects to carry over into spring term, since doing so tends to interfere with students' spring academic work.

David Brain
Professor of Sociology and Environmental Studies
Director, Urban Studies

Preferred method to be contacted:

E-mail: brain@ncf.edu

Office: CHL 207

- Students are welcome to get feedback on ideas by e-mail or during office hours. However, it is best to come with at least a draft of a proposal.
- Good planning is crucial and last-minute ISPs tend to be a disaster. Please talk to me well in advance of the date when ISP forms are due. I will not consider sponsoring ISPs that haven't been discussed with me prior to the deadline.
- An ISP is not a good way to get an initial introduction to a topic, much less a whole discipline. For example, don't expect to use an ISP to pick up a little sociology for your thesis, if you haven't already done some coursework in sociology.
- Students need to design projects for which they have adequate background. Your proposal should explain the relevant background.
- If the ISP involves an internship, its relationship to the student's academic work needs to be defined.
- As a general rule, I won't sponsor independent projects if I haven't worked with a student in a regular class. I will make exceptions for first year students, if the project makes sense to me.
- Please don't expect me to sponsor an ISP in social theory if you haven't taken Social Theory, in urban studies if you haven't taken Urban Sociology.

Areas of interest within discipline:

- Urban sociology
- Place and community (architecture, planning, and the social geography of communities)
- Civility, the public sphere, and democratic politics
- Community-based research relevant to issues in the Sarasota-Manatee region.
- The sociology of work and work organizations
- The sociology of professions and expert authority (law, medicine, architecture, science)
- The sociology of science and technology

Areas of interest outside of discipline:

- Architecture
- Urban design
- Urban and regional planning
- Public engagement and collaborative design.

Expectations for satisfactory completion of an ISP:

- There should always be a final project involving a finished product (e.g., a paper or other "deliverable").
- The project needs to be planned so that the student works consistently through the ISP period, and is prepared to submit the final product at the end of that time.

Tracy Collins

Associate Professor of Economics

Preferred method to be contacted:

E-mail: tcollins@ncf.edu

Office: ACE 134

- Students should contact me by email to make an appointment.
- Each student should bring a draft of the ISP proposal that includes an outline, objectives, and proposed schedule to the first meeting.
- After the initial meeting, a final draft of the ISP proposal should be emailed to me by 11/25. I will not consider sponsoring ISPs that haven't been discussed with me prior to this deadline.
- My deadline for signing the ISP form is 11/30. Please note that I will not sign any form after this date.

Areas of interest within discipline:

- Economic Development
- International Trade
- Technology (Diffusion and Adoption)
- Economic Growth
- Economic Disparities
- Poverty & Inequality
- Sustainable Development
- Microfinance
- Social Economics
- Health Economics
- Behavioral Economics
- Experimental Economics
- Applied Micro (broadly defined)

Areas of interest outside of discipline:

- International Business
- Entrepreneurship
- Crowdfunding
- Marketing
- Area Studies relating to Asia, Europe, or Latin America

Expectations for satisfactory completion of an ISP:

- There should always be a final project that is a polished product.
- The project needs to be planned so that the student works consistently throughout the ISP period and is prepared to submit the final product at the end of that time.

Peter Cook
Assistant Professor of Biopsychology

Preferred Method to be contacted:

E-mail: pcook@ncf.edu

Areas of interest within discipline:

- Animal Behavior
- Behavioral Flexibility
- Systems Neuroscience
- Cognitive Neuroscience
- Behavioral Neuroscience
- Memory and Learning
- Rhythm in Brain and Behavior
- Brain Imaging
- Comparative Neurobiology
- Ecological Approaches to Comparative Psychology
- Anthropogenic and Environmental Impacts on Brain and Behavior
- Marine Mammals
- Carnivores

Areas of interest outside of discipline:

- Philosophy of Language
- Philosophy of Mind
- Obscure and Eclectic Fiction
- Parenting

Expectations for satisfactory completion of an ISP:

- Expectations depend on nature of project
- Regular progress reports or meetings

Catherine Cottrell
Associate Professor of Psychology

Preferred method of contact:

Email: ccottrell@ncf.edu

Fall 2021 office hours: Wednesday 9:15am-12:15pm

Office: Bon 009

Areas of interest within discipline:

- Social Psychology
- Social Stigma
- Stereotyping, prejudice, discrimination
- Self-presentation/impression management
- Evolutionary psychology
- Statistics and research methodology

Expectations for satisfactory completion of an ISP:

- We must meet in person (or via Zoom) before I will agree to sponsor your project.
- In this meeting, we will discuss the exact nature of the project, which will dictate the specific requirements.
- Although the specific requirements will depend on the project, I generally expect a final paper of 15-20 pages, progress reports throughout the ISP period, and regular meetings (if appropriate).

Erin Dean

Associate Professor of Anthropology

Preferred method to be contacted:

Email: edean@ncf.edu

Office: CHL 235

Phone: 487-4269

Areas of interest within discipline:

- African anthropology
- Environmental anthropology
- Community-based organization
- Development and other applied approaches
- Indigenous or local knowledge
- Native American studies
- Pastoralism

Areas of Interest outside discipline:

- Food and food systems
- History/Ideology of conservation and eco-crisis narratives
- African literature
- Scandinavian studies
- Travel-related study

Requirements for satisfactory completion of an ISP:

Exact requirements will depend on the nature of the project, though most will be evaluated on the timely completion of a well-written, 15-20 page final paper.

Emily Fairchild

Associate Professor of Sociology and Gender Studies

Preferred method to be contacted: efairchild@ncf.edu

Fall Office Hours:

Mondays 9-11 (ACE 232 and virtual)

Wednesdays 1:30-2:30 (virtual)

Please schedule here: use this link to Calendly: <https://calendly.com/efairchild/office-hours>

- Clearly define and plan your project proposal before approaching me. Sending me a detailed e-mail before we meet is a good test of your ability to articulate your ideas.
- Talk to me well in advance of the date when ISP forms are due. I will not consider sponsoring ISPs that have not been proposed with enough time to sufficiently develop them before the deadline.
- As a general rule, I will not sponsor ISPs for students who have not taken a course with me.

Areas of interest within discipline:

- Social Psychology
 - Identity (How do people think of themselves? How are identities affected by how others think of us?)
 - Intersections with culture: How do we make meaning in interactions?
- Gender
 - How we perform gender on an everyday basis
 - Social expectations based on gender
 - Trans and gender-nonconforming identities
 - Cultural representation (mass media)
 - Bodies
 - Sports
- Feminist Theory
- Social Science Research Methods
- Sociology of Family
- Queer Studies
- Scholarship of Teaching and Learning

Areas of interest outside of discipline:

- Hiking/outdoor adventure
- Interspecies relationships
- Food choices/eating habits
- New England

Expectations for satisfactory completion of an ISP:

- Regular completion of segments of, or steps toward, the final project. These may be submitted without meeting, but must be completed on time to evidence consistent work during the period.
- A well-written final product commensurate with a typical full-semester course.

Yidong Gong
Assistant Professor of Anthropology

Preferred method to be contacted:

Email: ygong@ncf.edu

Office: CHL 224A

Areas of interest within discipline:

- Medical Anthropology
- Global Health
- Medical Humanitarianism
- Biological Anthropology
- Conflict and Peace Resolution
- Sudan and South Sudan
- Contemporary China
- Historical Anthropology
- Anthropology of Surgery
- Ethnomedicine and Biomedicine
- Anthropology of Pharmaceuticals and Psychopharmaceuticals
- Anthropology of Mental Health, Psychiatry and Psychotherapy

Areas of interest outside of discipline:

- Medical Humanities
- History of Africa
- Technology and Society
- Design Anthropology

Expectations for satisfactory completion of an ISP:

The exact form and format of an IPS depends on the student's personal interests and needs. It could be a paper, an annotated bibliography, a creative project, a website design, a piece of public scholarship, etc. Late submissions beyond the last day of ISP are NOT accepted.

Michael Gorup
Assistant Professor of Political Science

Preferred method of contact:

E-mail: mgorup@ncf.edu

Office: PME 220

Office hours: <https://mgorup.youcanbook.me/>

- E-mail me with an idea for an ISP first
- If the idea is a good fit, then we will set up a meeting to discuss it
- Once we have met, I will request a written proposal (including a tentative reading list)
- We will then discuss and revise the proposal as appropriate, and I will make a final decision about the ISP

Areas of interest within the discipline:

- Political Theory
 - History of political thought (esp. modern, American / African-American, Continental European, Marxism, and political thought on the left)
 - Democratic theory
 - Critical race theory
 - Political theories of empire and colonialism
- Constitutional Law
 - American constitutional development
 - Constituent power and constitution-making
 - Jurisprudence
- American Politics
 - Racial politics in the US
 - Prisons, policing, and punishment
 - Social movements and contentious politics

Areas of interest outside the discipline:

- Continental philosophy
- Modern intellectual history
- U.S. political history
- Settler colonial studies
- American studies

Expectations for satisfactory completion of an ISP:

- Regular meetings (weekly)
- The format will depend upon the type of project, e.g.:
 - Directed reading (with a series of short papers)
 - Literature review
 - Primary source analysis
 - Research paper
- Completion of all work by the end of January interterm

Steven Graham
Associate Professor of Psychology

Preferred method to be contacted:

E-mail: sgraham@ncf.edu

Office: BON 015

- Students should have clear ideas about (1) their goals for the ISP, (2) the type of work they want to complete, (3) their expectations of me, and (4) their expectations of themselves before approaching me to sponsor an ISP.
- I have a strong preference for ISPs that involve either the design, conduct, and reporting of an empirical research project in psychology, or an internship/applied experience accompanied by some scholarly research on relevant topics.

Areas of interest within discipline:

- Social Psychology
- Close Relationships
- Self and Identity
- Psychology of Religion
- Social Cognition
- Organizational Behavior

Areas of interest outside discipline:

- Data Management in the Social Sciences
- Computer Research Methods in the Social Sciences

Expectations for satisfactory completion of an ISP:

- Meetings, as needed, to discuss the project (unless the research is completed off-campus).
- Progress made from the first day of ISP period.
- Final Project: Dependent upon type of ISP but, for example, an APA-style research paper, or an internship journal along with a literature review in relevant areas.

Heidi E. Harley
Professor of Psychology
Director, Environmental Studies Program

**Preferred method to be
contacted:**

E-mail: harley@ncf.edu

Office: BON 011

Areas of interest within discipline:

- Comparative Psychology
- Cognitive Psychology
- Animal Welfare
- Animal Learning/Training
- Zoos & Aquaria
- Marine Mammal Cognition and Behavior
- Human Cognitive Processing (e.g., expert memory, acoustic processing, etc.)
- Environmental Conservation/Education
- Behavior Change

Expectations for satisfactory completion of an ISP:

- Participation of 40 hours/week for duration of ISP
- An activity/internship along with relevant scholarly research = preferred format
- Potential final projects: APA papers, annotated bibliographies, ISP logs of activities, other creative options

David Allen Harvey
Professor of History and International & Area Studies

Preferred method to be contacted:

E-mail: dkharvey@ncf.edu

Office: CHL 231

Phone: 487-4511

Areas of interest within discipline:

- Modern France and Germany
- European labor history and working class formation
- nationality, nation-building, and regionalisms
- social and cultural history
- histories of science, religion, and mysticism
- European imperialism
- French Enlightenment
- Atlantic world
- French Caribbean
- histories of race and racism in western society

Areas of interest outside of discipline:

- I have also sponsored a number of projects involving foreign travel or study abroad, and would be willing to entertain proposals along those lines, provided that the educational component of the travel has been well thought out.

Expectations for satisfactory completion of an ISP:

- Research paper or series of small papers submitted throughout January (normally 15-20 pages of total writing).
- Pre-thesis students in History, International and Area Studies, or related areas may choose to do an annotated bibliography or series of book reviews as a way of working through their intended thesis bibliography.
- For study abroad or travel projects, a shorter paper and a travelogue can be substituted.

Sarah Hernandez

Associate Professor of Sociology & Caribbean and Latin American Studies

Preferred method to be contacted:

E-mail: shernandez@ncf.edu

Approach:

- I can best guide students and help you narrow down your topic of study if you develop an initial written proposal from which we can work. This is only the initial step. Modifications will most likely be necessary after we talk about the proposal(s).
- Although we may talk about the ideas, the conversation does not commit me to sponsoring the ISP. This commitment is ascertained only in the moment I sign the ISP form.
- I do not take ISP students after the ISP period begins, nor do I consider last-minute ISP proposals. Therefore, students must have their initial proposals submitted to me before the end of the second week of November.
- Normally, I do not supervise ISPs of students who have not worked with me previously.
- I am always happy to help you pursue your interests. We will set up the framework for our work together as part of the plan of the ISP.

Areas of interest within discipline:

- Social Movements
- Sociology of Work
- Latin American Society: Social Movements, Economic Development, History
- Political Economy
- Race/Ethnic Relations
- Sociological approaches to the analysis/study of gender relations.
- Development of the Third World
- Labor Relations/Studies
- History of social/labor movements
- Sociological empirical research
- Internships that allow a student to enhance their knowledge in an area of interest and to combine practical experience with academic learning (e.g., internship or volunteer work with a labor union, at a women's shelter, a research institute, a government office, or diplomatic entity, etc.).

Areas of interest outside of discipline:

Interdisciplinary approaches to:

- Latin American Studies
- Social Movements & Labor Movements
- Service Learning/ Internships

Expectations for satisfactory completion of an ISP:

Expectations will vary depending on the specific project. However, these are generally some of the minimal requirements:

- A well-written research paper (about 30 pages long).
- A well-kept journal with a good comprehensive analytical piece.
- Good incorporation of theory and practice.
- Equivalent reading of six to eight books (when doing bibliographic research). Fewer readings can be negotiated when combining the bibliographic research with service learning or an internship.
- Students must submit the final ISP paper before the start of mini classes.

Barbara Hicks
Professor of Political Science
Division Chair, Social Sciences

Preferred method to be contacted:

E-mail: bhicks@ncf.edu

Phone: 487-4373

Office: SSC 204 (Fall 2020 Office Hours: Wed 10:30-1:30 or by appointment)

Note: I am happy to do remote or in-person individual ISPs this year with students of any level.

Areas of interest within discipline:

- Transitions to democracy.
- Authoritarian Systems.
- Russia and Eastern Europe, European Union, China.
- Communist and post-communist systems.
- Social movements, domestic and transnational.
- Issues in comparative politics (governance in other countries).

Areas of interest outside the discipline:

- The topics listed above have significant cross-disciplinary aspects to them with links especially to area studies, sociology, contemporary history, and political economy.
- I also work with students who complete ISPs abroad, whether as single projects or follow-ups to study abroad.

Expectations for satisfactory completion of an ISP:

- Students should write or come to me with an idea as to what they want to do. After discussing the topic with me, a student will develop a plan for the ISP that includes the type of reading and writing to be done. We'll discuss the plan, and then we'll both decide whether we want to undertake the project.
- All ISPs will have some reading and writing. The types of assignments will vary according to the nature of the ISP. An ISP with a large practical component (e.g., an internship) will have smaller reading and writing requirements. Most academic ISPs will be either research projects or surveys of a broader literature. The former will culminate in a lengthy paper or other written project (e.g., a research paper). An ISP surveying the literature on a topic of interest to the student would likely have a few smaller writing assignments (e.g., three 7-10 page integrative essays). These are only guidelines; students are, of course, free to design their assignments, as long as the design is rigorous and the total ISP project represents about the same amount of work as a regular course.
- My expectations rise with the experience of the student.
- The work for the ISP must be completed by the end of the ISP period.
- I usually do not expect to do ISPs in areas where other faculty members have greater expertise.

Tarron Khemraj
Professor of Economics

Preferred Method to be Contacted:

E-mail: TKhemraj@ncf.edu

Phone: 487-4422

Office: ACE 230

Areas of Interest within Discipline:

- Special issues and topics in development economics (especially issues relevant to the Caribbean, Latin America and Sub-Saharan Africa).
- Special topics and problems in econometrics.

Expectations for Satisfactory Completion of ISP

- A well-written paper.
- Students, with respect to the econometrics project, would be required to demonstrate that they can execute EVIEWS commands and interpret the printouts pertaining to the specialized topic.
- A plan of activities that maintains work consistently through the ISP period.

Thomas McCarthy

Professor of History

Preferred method to be contacted:

E-mail: tmccarthy@ncf.edu

Office: ACE108

Phone: 487-4713

Areas of interest within discipline:

- Medieval and Renaissance history.
- Specifically: Issue of gender and identity, the Crusades, medieval manuscripts, medieval religion and spirituality, monasticism, Medieval and Renaissance music, medieval warfare, medieval Latin, the Bible in the middle ages, medieval Germany, France and Italy, Anglo-Saxon history, the Vikings, cultural history.

Areas of interest outside discipline:

- The history and practice of cookery, the history of woodworking and furniture making.
- Irish history.
- Music in the Baroque period.
- Renaissance polyphony, counterpoint and fugue.
- I am also happy to sponsor more experiential ISPs, such as internships, creative projects and travel abroad.

Expectations for satisfactory completion of an ISP:

- The topic should be independently researched/undertaken.
- Projects usually take the form of (1): a research paper with annotated bibliography, to be submitted at the end of January; or (2): a creative project with a written component reflecting on what has been learned from the project.
- Internship ISPs include a written component similar to creative projects and ISPs involving travel abroad include a travel log. I am happy to discuss details with any interested students.

John Perry
Consortium for Faculty Diversity Postdoctoral Fellow in History

Preferred method to be contacted:

Email: joperry@ncf.edu

Office: ACE 136

Areas of interest within discipline:

- U.S. in the world
- U.S. in the Middle East
- Global Cold War
- Decolonization
- Postcolonialism
- Empire
- Modern Middle East

Expectation for satisfactory completion of ISP:

Students should submit a written proposal prior to the ISP deadline. Goals of the project should be clearly outlined in the proposal. Projects must be a full time commitment. Students should plan for a 30 hour per week work schedule. Weekly project reports/meetings are also required.

Jack Reilly
Associate Professor of Political Science

Preferred method to be contacted:

E-mail: jreilly@ncf.edu

Office: SSC 205. Schedule office appointments with me at jacklireilly.com/appointments

- Think about what you'd like to do your ISP on before coming to me. Before or after you meet with me, you will need to come up with a detailed plan describing your ISP that we can both agree upon.
- Talk with me well in advance of the ISP submission deadline. I will not sponsor ISPs for students who do not contact me with time to propose their ISP and properly formulate their plan of study before the deadline.
- I prefer to sponsor ISPs for students who I already know (whether by taking a course with me or otherwise) or have been referred to me (informally) by another professor.
- I am happy to sponsor internships for ISPs.

Areas of interest within the discipline:

- American politics & institutions
- Political behavior, public opinion, political psychology, and behavioral economics
- Elections (anywhere), voting systems, electoral systems
- Social networks, social influence
- Political geography, sorting, polarization, identity
- Quantitative social science, applied statistics, surveys, polling, forecasting
- Computational social science, complex systems, formal modeling, agent-based modeling, and game theory
- Research design and philosophy of (social) science
- Political theory, especially liberalism, republicanism, Kantian cosmopolitanism

Areas of interest outside the discipline:

- Ethics, utilitarianism, Kantianism
- Preservation, the environment, national parks, and wilderness
- Science fiction (literature and film), especially speculative political and social fiction

Expectations for satisfactory completion of an ISP:

- Negotiable. Generally speaking, I look for something like the following:
 - Final paper (or series of smaller papers) or project of similar quality to that of a semester course.
 - Displayed regular progress (through reports, e-mail, and/or meetings) towards the final.
 - Academic requirements for internship-based ISPs vary depending on the internship.
- Work must be completed by the end of ISP. I do not grant incompletes.

Rudabeh Shahid

Visiting Assistant Professor/ Consortium for Faculty Diversity Postdoctoral Fellow

Preferred method to be contacted:

E-mail: rshahid@ncf.edu

Phone: 487-4327

Office: CHL 212

Areas of interest within discipline:

- International Relations of South Asia
- Comparative Politics of South Asia
- Citizenship and Minority Issues
- Refugees Issues
- Ethnic Conflicts

Areas of interest outside the discipline:

The topics listed above have significant cross-disciplinary aspects to them with links especially to area studies, anthropology, contemporary history, and political economy.

Expectations for satisfactory completion of an ISP:

- Preference will be given to ISPs that contribute to and/or draw from research projects I am working on independently and/or through [my work at the Atlantic Council's South Asia Center](#).
- The earlier students make contact with me the greater their chances for me agreeing to sponsor their project. ISP plans should focus on specific research questions and/or topical areas of literature. ISP plans should include a tentative bibliography and timeline for work products. I will make a final decision on sponsoring ISPs after reading the ISP plan and, if necessary, reviewing it with students.
- I will give preference to students who have taken my "Politics of South Asia" course.

Xia Shi

Associate Professor of History

Preferred method to be contacted:

E-mail: xshi@ncf.edu

Fall Office hours: Tue, Fri 1-2:30pm

Office: ACE 135

Areas of interest within discipline:

- Broadly defined: Chinese history and East Asian History
- Specifically: women, gender, religion, culture and society, Late Imperial China, Republican China, Communist China, nationalism, revolution and reform, charity and philanthropy, environmental disasters response

Areas of interest outside of discipline:

- I have experience in Study Abroad Programs in China. I am willing to work with students who are interested in pursuing studying abroad.

Expectations for satisfactory completion of an ISP:

- A research paper or series of small papers submitted throughout January
- For study abroad or travel projects, a shorter paper and a travelogue can be substituted.

Maria Vesperi
Professor of Anthropology

Preferred method to be contacted:

office visit or email mvesperi@earthlink.net

Office: CHL 233

Phone: 487-4358

Home Phone: (727) 896-1109

ISPs are first-come, first-served. Student should have a written paragraph indicating the direction of the project plus the beginnings of a bibliography if appropriate.

Areas of interest within discipline:

- Aging
- US Social Welfare Policy
- Contemporary Urban Issues
- Ethnographic Film
- Anthropological Theory (historical and contemporary)
- Cross-cultural Studies of Religion
- Intentional Communities (19th century and contemporary)
- Anthropology of Performance

Areas of interest outside of discipline:

- Writing
- Print Journalism
- First Amendment Issues
- Blues Music
- Oral History
- African American Literature and History
- Comparative Literature

Expectations for satisfactory completion of an ISP:

- First-year students: I require a formal paper, annotated bibliography or report (usually not a journal). I see this on-campus ISP as a skill-building opportunity to work on the framing of a project and the presentation of findings. Good skills include the ability to develop a topic that can be realistically explored and completed within the ISP period, so timely submission is a must.
- Advanced students: I expect to negotiate requirements tailored to specific topics and needs.

Sherry Yu
Associate Professor of Economics

Preferred Method to be Contacted:

E-mail: syu@ncf.edu

Phone: 487-4207

Office: ACE 130 (off campus for Fall, 2020)

Fall office hours: Wednesday 1-3pm [here](#)

-- Students should email me or walk in during office hours

-- Students should have a clear idea, outline and final project in mind by the first meeting

Areas of Interest within Discipline:

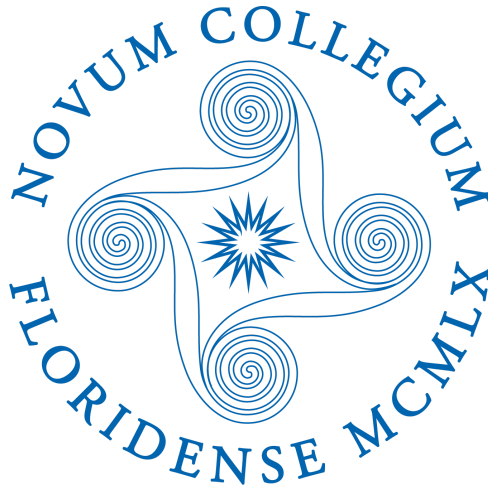
- Macroeconomic Theory
- Monetary Economics
- Money and Banking/Finance
- International Economics
- Chinese Economy
- Economic History

Areas of Interest outside of Discipline:

- Accounting
- Finance
- Investments
- Chinese arts and music
- Chinese culture in general

Expectations for Satisfactory Completion of ISP

- A complete, well-polished final project (oral presentation is accepted with slides)
- A plan of activities that maintains work consistently through the ISP period



WRITING PROGRAM

Jennifer Wells
Director, Writing Program

Preferred method to be contacted:

Email: jwells@ncf.edu

Areas of interest within discipline:

Writing studies and related areas adjacent to writing studies including: genres of writing, educational psychology/policy and writing, rhetorical analysis of writing in _____ (e.g., food or travel artifacts), writing pedagogy.

Preliminary requirements:

Students who are interested in a writing ISP should first email me in order to set up a meeting time and bring the following to the meeting: a tentative description of the goals of the ISP, and a reading list (if applicable). Before agreeing to sponsor an ISP, I will need a detailed description of goals, a day by day timeline of activities, which should include WRC appointments, and a proposal for the final project, including agreed upon evaluation criteria.

Expectations for satisfactory progress and completion of an ISP:

In order to be eligible to sat the ISP, students must complete all activities (from daily deadlines to the final project).

Alexandra Maass

Assistant Director of Writing

Preferred method of contact:

Email: amaass@ncf.edu

Office: LBR 102

Virtual Office Hours: 10:00-5:00pm (appointments preferred)

Areas of interest within discipline:

writing in the disciplines, writing center studies, analytical writing, creative writing, linguistics studies in writing (particularly language variation, language and culture, and writing systems)

Preliminary requirements:

Students who are interested in a writing ISP should first email me in order to set up a meeting time and bring the following to the meeting: a tentative description of the goals of the ISP, what final project(s) will be evaluated, and a reading list (if applicable).

Expectations for satisfactory progress and completion of an ISP:

Regular meetings (at least once a week) are required. Because students set their own ISP goals, I expect satisfactory progress to be made towards those goals and clear evidence of effort and development throughout the ISP.

Avni Vyas (ON LEAVE 2022)
Instructor of Writing

Preferred method to be contacted:

Email: avyas@ncf.edu

Areas of interest within discipline:

Writing studies and creative writing, including: poetry, nonfiction, rhetorical analysis of writing across genres and subject, writing pedagogy.

Preliminary requirements:

Students who are interested in a writing ISP should first email me in order to set up a meeting time and bring the following to the meeting: a tentative description of the goals of the ISP, and a reading list (if applicable). Before agreeing to sponsor an ISP, I will need a detailed description of goals, a day by day timeline of activities, and proposal for the final project, including agreed upon evaluation criteria.

Expectations for satisfactory progress and completion of an ISP:

In order to be eligible to sat the ISP, students must complete all activities including attendance, participation, writing exercises, and final project.